



Petroleum Supply Annual, Volume 2 with data for 2022

August 2023

The U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy (DOE), prepared this report. By law, our data, analyses, and forecasts are independent of approval by any other officer or employee of the U.S. Government. The views in this report do not represent those of DOE or any other federal agencies.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	355,873	8,046	--	--	198,315	8,397	-12,835	479,498	103,967	0	1,002,031
Hydrocarbon Gas Liquids	170,759	-7,149	-693	11,838	6,950	--	-32,175	20,250	70,275	123,355	160,877
Natural Gas Liquids	170,759	-7,149	-693	3,451	6,495	--	-31,949	20,250	70,275	114,287	159,020
Ethane	69,939	--	--	278	--	--	-8,614	--	11,633	67,198	54,590
Propane	54,374	-23	--	8,405	5,219	--	-15,820	--	43,685	40,110	48,019
Normal Butane	16,340	-513	--	-5,050	1,170	--	-6,720	8,949	8,963	755	26,838
Isobutane	12,095	-201	--	-182	99	--	-547	6,013	121	6,224	9,127
Natural Gasoline	18,011	-6,412	-693	--	7	--	-248	5,288	5,873	0	20,446
Refinery Olefins	--	--	--	8,387	455	--	-226	--	--	9,068	1,857
Ethylene	--	--	--	21	--	--	0	--	--	21	0
Propylene	--	--	--	8,635	414	--	-193	--	--	9,242	1,204
Normal Butylene	--	--	--	-296	41	--	-48	--	--	-207	593
Isobutylene	--	--	--	27	--	--	15	--	--	12	60
Other Liquids	--	-897	37,987	--	25,934	7,881	27,165	23,679	16,206	3,855	349,927
Hydrogen/Biofuels/Other Hydrocarbons	--	--	37,988	--	1,277	5,656	4,678	33,601	2,777	3,866	33,352
Hydrogen	--	--	--	--	--	6,956	--	6,956	--	0	--
Biofuels (including Fuel Ethanol)	--	--	37,988	--	1,277	-1,312	4,680	26,631	2,777	3,866	33,338
Fuel Ethanol ⁵	--	--	32,191	--	257	-1,312	3,838	24,730	2,568	0	25,874
Biofuels (excluding Fuel Ethanol)	--	--	5,797	--	1,020	--	842	1,901	209	3,866	7,464
Biodiesel	--	--	2,857	--	388	--	356	1,215	209	1,465	4,544
Renewable Diesel Fuel	--	--	2,632	--	632	--	357	382	NA	2,525	2,710
Other Biofuels ⁶	--	--	308	--	--	--	129	304	NA	-125	211
Other Hydrocarbons	--	--	--	--	--	12	-2	14	--	0	14
Unfinished Oils	--	-897	--	--	13,727	--	3,152	-1,098	10,776	0	82,852
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	10,930	2,225	19,329	-8,829	2,654	0	233,692
Reformulated	--	--	0	--	4,505	6,663	3,797	7,368	3	0	51,153
Conventional	--	--	0	--	6,425	-4,438	15,533	-16,197	2,651	0	182,539
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	6	5	--	-11	31
Finished Petroleum Products	--	--	102	542,232	22,281	-913	3,971	--	78,935	480,797	265,584
Finished Motor Gasoline	--	--	94	271,504	2,165	-913	275	--	22,657	249,918	18,089
Reformulated	--	--	--	83,251	--	-7,956	-4	--	--	75,299	18
Conventional	--	--	94	188,253	2,165	7,043	279	--	22,657	174,619	18,071
Finished Aviation Gasoline	--	--	--	267	84	--	124	--	--	227	1,375
Kerosene-Type Jet Fuel	--	--	10	47,013	3,953	--	2,785	--	4,222	43,968	38,583
Kerosene	--	--	0	498	--	--	-528	--	30	996	1,773
Distillate Fuel Oil ⁵	--	--	-1	144,783	7,496	--	-4,757	--	29,044	127,991	125,282
15 ppm sulfur and under	--	--	-1	138,419	7,169	--	-5,186	--	24,575	126,199	115,009
Greater than 15 to 500 ppm sulfur	--	--	0	2,084	316	--	209	--	2,140	51	2,994
Greater than 500 ppm sulfur	--	--	0	4,280	11	--	220	--	2,329	1,742	7,279
Residual Fuel Oil	--	--	--	8,381	5,131	--	1,300	--	2,773	9,439	27,070
Less than 0.31 percent sulfur	--	--	--	1,197	--	--	160	--	NA	NA	2,700
0.31 to 1.00 percent sulfur	--	--	--	3,358	1,320	--	455	--	NA	NA	6,767
Greater than 1.00 percent sulfur	--	--	--	3,826	3,811	--	685	--	NA	NA	17,603
Petrochemical Feedstocks	--	--	--	7,330	551	--	43	--	1,853	5,985	2,583
Naphtha for Petro. Feed. Use	--	--	--	4,599	448	--	-64	--	--	5,111	1,818
Other Oils for Petro. Feed. Use	--	--	--	2,731	103	--	107	--	1,853	874	765
Special Naphthas	--	--	--	1,399	217	--	355	--	--	1,261	1,403
Lubricants	--	--	--	4,601	1,122	--	-667	--	2,502	3,888	12,344
Waxes	--	--	--	162	221	--	-10	--	134	259	539
Petroleum Coke	--	--	--	23,779	201	--	1,533	--	15,007	7,440	8,353
Marketable	--	--	--	17,877	201	--	1,533	--	15,007	1,538	8,353
Catalyst	--	--	--	5,902	--	--	--	--	--	5,902	--
Asphalt and Road Oil	--	--	--	10,416	1,140	--	3,321	--	690	7,545	27,261
Still Gas	--	--	--	19,236	--	--	--	--	--	19,236	--
Miscellaneous Products	--	--	--	2,863	--	--	197	--	23	2,643	929
Total	526,632	0	37,397	554,070	253,480	15,365	-13,875	523,427	269,384	608,006	1,778,420

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	315,221	14,940	--	--	172,472	4,697	-14,633	431,124	90,839	0	987,398
Hydrocarbon Gas Liquids	154,391	-8,563	-592	12,715	6,805	--	-19,800	16,591	63,528	104,438	141,078
Natural Gas Liquids	154,391	-8,563	-592	4,830	6,336	--	-19,940	16,591	63,528	96,224	139,081
Ethane	63,044	--	--	181	--	--	-5,454	--	11,188	57,491	49,136
Propane	49,410	-19	--	7,605	5,277	--	-10,285	--	37,868	34,690	37,734
Normal Butane	14,928	-470	--	-2,786	866	--	-2,514	6,759	9,223	-930	24,324
Isobutane	10,828	-184	--	-170	191	--	-103	5,523	272	4,973	9,024
Natural Gasoline	16,181	-7,890	-592	--	2	--	-1,584	4,309	4,976	0	18,863
Refinery Olefins	--	--	--	7,885	469	--	140	--	--	8,214	1,997
Ethylene	--	--	--	20	--	--	0	--	--	20	0
Propylene	--	--	--	7,717	391	--	-26	--	--	8,134	1,178
Normal Butylene	--	--	--	157	78	--	208	--	--	27	801
Isobutylene	--	--	--	-9	--	--	-42	--	--	33	18
Other Liquids	--	-6,377	33,616	--	30,489	4,928	1,171	42,790	14,758	3,936	351,099
Hydrogen/Biofuels/Other Hydrocarbons	--	--	33,616	--	480	5,854	683	31,782	3,544	3,942	34,035
Hydrogen	--	--	--	--	--	5,859	--	5,859	--	0	--
Biofuels (including Fuel Ethanol)	--	--	33,616	--	480	-16	679	25,916	3,544	3,942	34,017
Fuel Ethanol ⁵	--	--	28,304	--	--	-16	647	24,221	3,420	0	26,521
Biofuels (excluding Fuel Ethanol)	--	--	5,312	--	480	--	31	1,695	124	3,942	7,496
Biodiesel	--	--	2,707	--	121	--	-86	1,219	124	1,571	4,457
Renewable Diesel Fuel	--	--	2,300	--	359	--	38	313	NA	2,307	2,748
Other Biofuels ⁶	--	--	306	--	--	--	79	163	NA	64	290
Other Hydrocarbons	--	--	--	--	--	11	4	7	--	0	18
Unfinished Oils	--	-6,377	--	--	15,042	--	2,486	-3,490	9,669	0	85,338
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	-1	--	14,967	-926	-2,003	14,498	1,546	0	231,689
Reformulated	--	--	0	--	5,428	6,190	-2,632	14,247	3	0	48,521
Conventional	--	--	-1	--	9,539	-7,116	629	251	1,542	0	183,167
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	6	0	--	-6	37
Finished Petroleum Products	--	--	114	503,663	27,016	942	-672	--	75,449	456,958	264,912
Finished Motor Gasoline	--	--	105	262,432	1,308	942	483	--	22,098	242,205	18,572
Reformulated	--	--	--	81,893	--	-5,595	1	--	--	76,297	19
Conventional	--	--	105	180,539	1,308	6,536	482	--	22,098	165,907	18,553
Finished Aviation Gasoline	--	--	--	233	3	--	-137	--	--	373	1,238
Kerosene-Type Jet Fuel	--	--	7	42,103	3,058	--	1,275	--	4,187	39,706	39,858
Kerosene	--	--	0	154	--	--	-297	--	386	65	1,476
Distillate Fuel Oil ⁵	--	--	2	131,100	11,177	--	-4,672	--	24,735	122,217	120,610
15 ppm sulfur and under	--	--	2	125,655	11,102	--	-3,506	--	18,500	121,765	111,503
Greater than 15 to 500 ppm sulfur	--	--	0	1,407	2	--	-611	--	1,920	100	2,383
Greater than 500 ppm sulfur	--	--	0	4,038	73	--	-555	--	4,314	352	6,724
Residual Fuel Oil	--	--	--	6,384	7,227	--	968	--	3,484	9,159	28,038
Less than 0.31 percent sulfur	--	--	--	1,088	--	--	-612	--	NA	NA	2,088
0.31 to 1.00 percent sulfur	--	--	--	2,078	1,742	--	3	--	NA	NA	6,770
Greater than 1.00 percent sulfur	--	--	--	3,218	5,485	--	1,577	--	NA	NA	19,180
Petrochemical Feedstocks	--	--	--	5,366	351	--	61	--	1,214	4,442	2,644
Naphtha for Petro. Feed. Use	--	--	--	3,796	246	--	214	--	--	3,828	2,032
Other Oils for Petro. Feed. Use	--	--	--	1,570	105	--	-153	--	1,214	614	612
Special Naphthas	--	--	--	859	133	--	-388	--	--	1,380	1,015
Lubricants	--	--	--	4,622	1,306	--	185	--	2,561	3,182	12,529
Waxes	--	--	--	165	116	--	-4	--	128	157	535
Petroleum Coke	--	--	--	21,800	542	--	-208	--	16,147	6,403	8,145
Marketable	--	--	--	16,332	542	--	-208	--	16,147	935	8,145
Catalyst	--	--	--	5,468	--	--	--	--	--	5,468	--
Asphalt and Road Oil	--	--	--	8,442	1,795	--	2,362	--	475	7,400	29,623
Still Gas	--	--	--	17,533	--	--	--	--	--	17,533	--
Miscellaneous Products	--	--	--	2,470	--	--	-300	--	35	2,735	629
Total	469,612	0	33,138	516,378	236,782	10,567	-33,934	490,505	244,573	565,332	1,744,486

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NA = Not Available.

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⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

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Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	365,987	13,632	--	--	198,924	4,653	-7,130	491,251	99,075	0	980,268
Hydrocarbon Gas Liquids	184,523	-8,406	-694	19,571	6,049	--	1,033	16,477	72,179	111,353	142,111
Natural Gas Liquids	184,523	-8,406	-694	11,132	5,485	--	1,330	16,477	72,179	102,053	140,411
Ethane	78,424	--	--	149	--	--	507	--	13,457	64,609	49,643
Propane	57,145	-29	--	8,510	4,018	--	-1,468	--	41,926	29,186	36,266
Normal Butane	16,646	-503	--	3,007	1,291	--	1,560	4,767	11,766	2,348	25,884
Isobutane	13,242	-197	--	-534	170	--	196	6,427	149	5,909	9,220
Natural Gasoline	19,066	-7,677	-694	--	6	--	535	5,283	4,883	0	19,398
Refinery Olefins	--	--	--	8,439	564	--	-297	--	--	9,300	1,700
Ethylene	--	--	--	24	--	--	0	--	--	24	0
Propylene	--	--	--	8,805	519	--	-107	--	--	9,431	1,071
Normal Butylene	--	--	--	-429	45	--	-209	--	--	-175	592
Isobutylene	--	--	--	39	--	--	19	--	--	20	37
Other Liquids	--	-5,226	37,616	--	35,063	3,533	-7,362	55,940	17,664	4,744	343,737
Hydrogen/Biofuels/Other Hydrocarbons	--	--	37,616	--	1,191	5,332	363	36,158	2,864	4,753	34,398
Hydrogen	--	--	--	--	--	6,655	--	6,655	--	0	--
Biofuels (including Fuel Ethanol)	--	--	37,616	--	1,191	-1,333	372	29,484	2,864	4,753	34,389
Fuel Ethanol ⁵	--	--	31,581	--	--	-1,333	179	27,375	2,694	0	26,700
Biofuels (excluding Fuel Ethanol)	--	--	6,036	--	1,191	--	194	2,109	171	4,753	7,689
Biodiesel	--	--	3,161	--	636	--	234	1,497	171	1,894	4,692
Renewable Diesel Fuel	--	--	2,596	--	555	--	-43	345	NA	2,849	2,705
Other Biofuels ⁶	--	--	279	--	--	--	2	267	NA	10	292
Other Hydrocarbons	--	--	--	--	--	10	-9	19	--	0	9
Unfinished Oils	--	-5,226	--	--	19,305	--	2,729	-1,127	12,477	0	88,067
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	14,567	-1,798	-10,447	20,893	2,322	0	221,242
Reformulated	--	--	0	--	4,332	8,128	-916	13,373	3	0	47,605
Conventional	--	--	0	--	10,235	-9,926	-9,531	7,520	2,320	0	173,636
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-7	16	--	-9	30
Finished Petroleum Products	--	--	184	575,223	21,870	3,132	-10,729	--	92,247	518,891	254,183
Finished Motor Gasoline	--	--	174	295,262	1,867	3,132	-1,312	--	22,588	279,159	17,260
Reformulated	--	--	--	91,459	--	-7,057	12	--	--	84,390	31
Conventional	--	--	174	203,803	1,867	10,189	-1,324	--	22,588	194,769	17,229
Finished Aviation Gasoline	--	--	--	346	45	--	-57	--	--	448	1,181
Kerosene-Type Jet Fuel	--	--	7	44,514	3,853	--	-4,251	--	5,504	47,122	35,607
Kerosene	--	--	--	65	--	--	-157	--	202	20	1,319
Distillate Fuel Oil ⁵	--	--	3	155,127	5,855	--	-5,952	--	37,257	129,680	114,658
15 ppm sulfur and under	--	--	3	147,904	5,423	--	-6,769	--	30,841	129,258	104,734
Greater than 15 to 500 ppm sulfur	--	--	0	3,838	321	--	458	--	3,328	373	2,841
Greater than 500 ppm sulfur	--	--	--	3,385	111	--	359	--	3,087	50	7,083
Residual Fuel Oil	--	--	--	9,318	5,989	--	57	--	3,896	11,354	28,095
Less than 0.31 percent sulfur	--	--	--	1,180	--	--	146	--	NA	NA	2,234
0.31 to 1.00 percent sulfur	--	--	--	3,499	112	--	142	--	NA	NA	6,912
Greater than 1.00 percent sulfur	--	--	--	4,639	5,877	--	-231	--	NA	NA	18,949
Petrochemical Feedstocks	--	--	--	6,903	470	--	-220	--	1,297	6,296	2,424
Naphtha for Petro. Feed. Use	--	--	--	4,151	355	--	-319	--	--	4,825	1,713
Other Oils for Petro. Feed. Use	--	--	--	2,752	115	--	99	--	1,297	1,471	711
Special Naphthas	--	--	--	1,111	577	--	45	--	--	1,643	1,060
Lubricants	--	--	--	5,134	1,435	--	-1,159	--	3,432	4,296	11,370
Waxes	--	--	--	181	122	--	-25	--	164	164	510
Petroleum Coke	--	--	--	24,420	142	--	-611	--	17,392	7,781	7,534
Marketable	--	--	--	18,254	142	--	-611	--	17,392	1,615	7,534
Catalyst	--	--	--	6,166	--	--	--	--	--	6,166	--
Asphalt and Road Oil	--	--	--	10,266	1,515	--	2,920	--	433	8,428	32,543
Still Gas	--	--	--	19,865	--	--	--	--	--	19,865	--
Miscellaneous Products	--	--	--	2,711	--	--	-7	--	82	2,636	622
Total	550,510	0	37,106	594,794	261,906	11,318	-24,187	563,668	281,165	634,988	1,720,299

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	353,095	12,575	--	--	181,787	12,113	-15,020	469,449	105,141	0	965,248
Hydrocarbon Gas Liquids	177,519	-9,054	-604	24,302	4,636	--	12,182	14,085	72,627	97,905	154,293
Natural Gas Liquids	177,519	-9,054	-604	15,430	4,053	--	12,260	14,085	72,627	88,372	152,671
Ethane	74,090	--	--	163	--	--	1,681	--	10,617	61,955	51,324
Propane	55,312	-29	--	8,951	2,764	--	3,948	--	42,617	20,433	40,214
Normal Butane	16,147	-479	--	6,994	926	--	5,669	3,061	14,230	628	31,553
Isobutane	13,061	-188	--	-678	359	--	337	6,746	116	5,355	9,557
Natural Gasoline	18,909	-8,358	-604	--	4	--	625	4,278	5,047	0	20,023
Refinery Olefins	--	--	--	8,872	583	--	-78	--	--	9,533	1,622
Ethylene	--	--	--	28	--	--	0	--	--	28	0
Propylene	--	--	--	8,536	448	--	-80	--	--	9,064	991
Normal Butylene	--	--	--	298	135	--	16	--	--	417	608
Isobutylene	--	--	--	10	--	--	-14	--	--	24	23
Other Liquids	--	-3,520	35,137	--	40,043	7,260	-11,374	68,535	16,867	4,892	332,363
Hydrogen/Biofuels/Other Hydrocarbons	--	--	35,137	--	1,114	6,864	-2,761	35,719	5,261	4,896	31,638
Hydrogen	--	--	--	--	--	6,781	--	6,781	--	0	--
Biofuels (including Fuel Ethanol)	--	--	35,137	--	1,114	64	-2,763	28,921	5,261	4,896	31,627
Fuel Ethanol ⁵	--	--	28,956	--	--	64	-2,416	26,808	4,628	0	24,284
Biofuels (excluding Fuel Ethanol)	--	--	6,181	--	1,114	--	-346	2,113	632	4,896	7,343
Biodiesel	--	--	3,018	--	672	--	-479	1,436	632	2,101	4,212
Renewable Diesel Fuel	--	--	2,837	--	392	--	167	355	NA	2,707	2,872
Other Biofuels ⁶	--	--	327	--	50	--	-34	322	NA	89	258
Other Hydrocarbons	--	--	--	--	--	19	2	17	--	0	11
Unfinished Oils	--	-3,520	--	--	21,460	--	446	8,048	9,446	0	88,513
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	17,469	397	-9,052	24,757	2,161	0	212,190
Reformulated	--	--	0	--	5,926	5,991	873	11,041	3	0	48,478
Conventional	--	--	0	--	11,543	-5,994	-9,925	13,716	2,158	0	163,711
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-7	11	--	-4	23
Finished Petroleum Products	--	--	180	559,272	20,954	-460	-4,391	--	95,314	489,023	249,792
Finished Motor Gasoline	--	--	169	286,405	3,403	-460	569	--	24,986	263,962	17,830
Reformulated	--	--	--	89,176	--	-5,269	-2	--	--	83,909	29
Conventional	--	--	169	197,229	3,403	4,809	571	--	24,986	180,053	17,801
Finished Aviation Gasoline	--	--	--	305	5	--	-6	--	--	316	1,175
Kerosene-Type Jet Fuel	--	--	10	50,977	3,686	--	2,102	--	6,160	46,411	37,709
Kerosene	--	--	--	72	--	--	-80	--	62	90	1,239
Distillate Fuel Oil ⁵	--	--	1	145,058	3,858	--	-8,366	--	38,015	119,268	106,291
15 ppm sulfur and under	--	--	1	138,526	3,841	--	-8,847	--	31,990	119,225	95,886
Greater than 15 to 500 ppm sulfur	--	--	0	3,334	5	--	-126	--	3,441	24	2,715
Greater than 500 ppm sulfur	--	--	--	3,198	12	--	607	--	2,584	19	7,690
Residual Fuel Oil	--	--	--	6,951	5,633	--	1,398	--	3,527	7,659	29,493
Less than 0.31 percent sulfur	--	--	--	1,239	--	--	273	--	NA	NA	2,507
0.31 to 1.00 percent sulfur	--	--	--	3,557	1,289	--	365	--	NA	NA	7,277
Greater than 1.00 percent sulfur	--	--	--	2,155	4,344	--	760	--	NA	NA	19,709
Petrochemical Feedstocks	--	--	--	7,336	545	--	189	--	1,076	6,616	2,613
Naphtha for Petro. Feed. Use	--	--	--	4,083	441	--	81	--	--	4,443	1,794
Other Oils for Petro. Feed. Use	--	--	--	3,253	104	--	108	--	1,076	2,173	819
Special Naphthas	--	--	--	982	279	--	-87	--	--	1,348	973
Lubricants	--	--	--	4,890	1,376	--	-329	--	2,904	3,691	11,041
Waxes	--	--	--	152	229	--	0	--	148	233	510
Petroleum Coke	--	--	--	24,415	280	--	-247	--	17,826	7,116	7,287
Marketable	--	--	--	18,280	280	--	-247	--	17,826	981	7,287
Catalyst	--	--	--	6,135	--	--	--	--	--	6,135	--
Asphalt and Road Oil	--	--	--	9,319	1,660	--	361	--	557	10,061	32,904
Still Gas	--	--	--	19,782	--	--	--	--	--	19,782	--
Miscellaneous Products	--	--	--	2,628	--	--	105	--	53	2,470	727
Total	530,614	0	34,713	583,574	247,420	18,913	-18,603	552,069	289,948	591,820	1,701,696

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	363,766	10,007	--	--	191,072	13,955	-27,074	503,402	102,473	0	938,174
Hydrocarbon Gas Liquids	184,791	-7,648	-677	26,334	4,275	--	23,190	14,031	75,921	93,934	177,483
Natural Gas Liquids	184,791	-7,648	-677	17,577	3,768	--	23,138	14,031	75,921	84,722	175,809
Ethane	75,906	--	--	172	--	--	2,427	--	12,203	61,448	53,751
Propane	57,509	-27	--	8,966	2,305	--	9,457	--	42,546	16,750	49,671
Normal Butane	17,478	-470	--	8,851	1,100	--	7,773	1,546	16,476	1,164	39,326
Isobutane	13,119	-185	--	-412	357	--	299	7,075	146	5,359	9,856
Natural Gasoline	20,779	-6,966	-677	--	6	--	3,182	5,410	4,551	0	23,205
Refinery Olefins	--	--	--	8,757	507	--	52	--	--	9,212	1,674
Ethylene	--	--	--	21	--	--	0	--	--	21	0
Propylene	--	--	--	8,878	437	--	103	--	--	9,212	1,094
Normal Butylene	--	--	--	-171	70	--	-118	--	--	17	490
Isobutylene	--	--	--	29	--	--	67	--	--	-38	90
Other Liquids	--	-2,359	37,841	--	38,989	6,260	-8,931	70,430	14,409	4,823	323,432
Hydrogen/Biofuels/Other Hydrocarbons	--	--	37,841	--	1,214	6,169	-862	37,231	4,014	4,841	30,776
Hydrogen	--	--	--	--	--	6,950	--	6,950	--	0	--
Biofuels (including Fuel Ethanol)	--	--	37,841	--	1,214	-793	-871	30,278	4,014	4,841	30,756
Fuel Ethanol ⁵	--	--	31,256	--	250	-793	-858	28,256	3,314	0	23,426
Biofuels (excluding Fuel Ethanol)	--	--	6,585	--	964	--	-13	2,022	699	4,841	7,330
Biodiesel	--	--	3,242	--	315	--	-373	1,508	699	1,722	3,839
Renewable Diesel Fuel	--	--	3,008	--	649	--	401	299	NA	2,957	3,273
Other Biofuels ⁶	--	--	335	--	--	--	-41	215	NA	162	217
Other Hydrocarbons	--	--	--	--	--	12	9	3	--	0	20
Unfinished Oils	--	-2,359	--	--	15,041	--	671	2,874	9,137	0	89,184
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	22,734	92	-8,750	30,317	1,258	0	203,440
Reformulated	--	--	0	--	5,283	1,083	-729	7,088	7	0	47,749
Conventional	--	--	0	--	17,451	-992	-8,021	23,229	1,251	0	155,690
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	10	8	--	-18	33
Finished Petroleum Products	--	--	218	595,217	24,456	702	6,385	--	97,939	516,269	256,176
Finished Motor Gasoline	--	--	210	304,588	4,470	702	-547	--	27,824	282,692	17,283
Reformulated	--	--	--	93,374	--	136	2	--	--	93,508	31
Conventional	--	--	210	211,214	4,470	565	-549	--	27,824	189,184	17,252
Finished Aviation Gasoline	--	--	--	440	37	--	201	--	--	276	1,376
Kerosene-Type Jet Fuel	--	--	5	53,961	3,835	--	3,633	--	4,841	49,327	41,342
Kerosene	--	--	--	169	--	--	-176	--	150	195	1,063
Distillate Fuel Oil ⁵	--	--	3	154,625	5,568	--	3,421	--	36,627	120,148	109,712
15 ppm sulfur and under	--	--	3	147,755	5,162	--	3,095	--	30,063	119,762	98,981
Greater than 15 to 500 ppm sulfur	--	--	0	3,009	374	--	22	--	3,347	14	2,737
Greater than 500 ppm sulfur	--	--	--	3,861	32	--	304	--	3,217	372	7,994
Residual Fuel Oil	--	--	--	7,599	6,355	--	-8	--	4,023	9,939	29,485
Less than 0.31 percent sulfur	--	--	--	1,114	615	--	-138	--	NA	NA	2,369
0.31 to 1.00 percent sulfur	--	--	--	3,379	736	--	67	--	NA	NA	7,344
Greater than 1.00 percent sulfur	--	--	--	3,106	5,004	--	63	--	NA	NA	19,772
Petrochemical Feedstocks	--	--	--	7,551	328	--	-104	--	898	7,085	2,509
Naphtha for Petro. Feed. Use	--	--	--	4,161	250	--	-79	--	--	4,490	1,715
Other Oils for Petro. Feed. Use	--	--	--	3,390	78	--	-25	--	898	2,595	794
Special Naphthas	--	--	--	1,185	202	--	238	--	--	1,149	1,211
Lubricants	--	--	--	5,656	1,512	--	-5	--	3,688	3,485	11,036
Waxes	--	--	--	164	149	--	-21	--	166	168	489
Petroleum Coke	--	--	--	25,439	275	--	369	--	19,232	6,113	7,656
Marketable	--	--	--	19,086	275	--	369	--	19,232	-240	7,656
Catalyst	--	--	--	6,353	--	--	--	--	--	6,353	--
Asphalt and Road Oil	--	--	--	10,479	1,725	--	-646	--	414	12,436	32,258
Still Gas	--	--	--	20,705	--	--	--	--	--	20,705	--
Miscellaneous Products	--	--	--	2,656	--	--	30	--	74	2,552	757
Total	548,557	0	37,383	621,551	258,792	20,917	-6,431	587,863	290,742	615,027	1,695,265

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	354,009	10,858	--	--	194,211	14,627	-27,051	497,130	103,626	0	911,123
Hydrocarbon Gas Liquids	180,248	-10,141	-709	25,844	3,739	--	9,246	13,167	79,278	97,289	186,729
Natural Gas Liquids	180,248	-10,141	-709	17,854	3,358	--	9,125	13,167	79,278	89,039	184,934
Ethane	73,231	--	--	210	--	--	-3,878	--	13,793	63,526	49,873
Propane	56,075	-21	--	8,883	2,278	--	4,456	--	45,798	16,961	54,127
Normal Butane	17,336	-382	--	9,198	869	--	9,511	861	13,752	2,897	48,837
Isobutane	12,597	-150	--	-437	206	--	-449	6,868	141	5,656	9,407
Natural Gasoline	21,009	-9,588	-709	--	5	--	-515	5,438	5,793	0	22,690
Refinery Olefins	--	--	--	7,990	381	--	121	--	--	8,250	1,795
Ethylene	--	--	--	28	--	--	0	--	--	28	0
Propylene	--	--	--	8,194	358	--	134	--	--	8,418	1,228
Normal Butylene	--	--	--	-247	23	--	7	--	--	-231	497
Isobutylene	--	--	--	15	--	--	-20	--	--	35	70
Other Liquids	--	-716	37,866	--	37,732	7,204	-914	63,604	13,396	6,000	322,518
Hydrogen/Biofuels/Other Hydrocarbons	--	--	37,866	--	882	5,472	-1,039	36,307	2,949	6,004	29,736
Hydrogen	--	--	--	--	--	7,045	--	7,045	--	0	--
Biofuels (including Fuel Ethanol)	--	--	37,866	--	882	-1,585	-1,034	29,245	2,949	6,004	29,721
Fuel Ethanol ⁵	--	--	31,288	--	--	-1,585	-41	27,384	2,360	0	23,384
Biofuels (excluding Fuel Ethanol)	--	--	6,579	--	882	--	-993	1,861	589	6,004	6,337
Biodiesel	--	--	3,265	--	346	--	-435	1,379	589	2,079	3,404
Renewable Diesel Fuel	--	--	2,948	--	536	--	-532	385	NA	3,631	2,742
Other Biofuels ⁶	--	--	365	--	--	--	-26	97	NA	294	191
Other Hydrocarbons	--	--	--	--	--	12	-5	17	--	0	15
Unfinished Oils	--	-716	--	--	15,249	--	-320	8,352	6,501	0	88,864
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	21,601	1,731	441	18,945	3,946	0	203,881
Reformulated	--	--	0	--	5,578	1,852	200	7,229	1	0	47,949
Conventional	--	--	0	--	16,023	-121	241	11,716	3,945	0	155,931
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	4	0	--	-4	37
Finished Petroleum Products	--	--	233	581,384	23,071	-147	-2,813	--	97,646	509,708	253,364
Finished Motor Gasoline	--	--	224	295,029	4,270	-147	-147	--	27,270	272,253	17,136
Reformulated	--	--	--	90,310	--	-1,239	1	--	--	89,070	32
Conventional	--	--	224	204,719	4,270	1,092	-148	--	27,270	183,184	17,104
Finished Aviation Gasoline	--	--	--	196	27	--	-273	--	--	496	1,103
Kerosene-Type Jet Fuel	--	--	5	50,587	3,802	--	-1,966	--	5,787	50,572	39,376
Kerosene	--	--	--	94	18	--	-130	--	220	22	933
Distillate Fuel Oil ⁵	--	--	4	155,895	3,500	--	1,617	--	36,304	121,477	111,329
15 ppm sulfur and under	--	--	4	149,499	3,269	--	1,391	--	30,452	120,929	100,372
Greater than 15 to 500 ppm sulfur	--	--	0	3,333	15	--	271	--	2,815	262	3,008
Greater than 500 ppm sulfur	--	--	--	3,063	216	--	-45	--	3,037	287	7,949
Residual Fuel Oil	--	--	--	6,161	6,963	--	-234	--	3,806	9,552	29,251
Less than 0.31 percent sulfur	--	--	--	990	265	--	123	--	NA	NA	2,492
0.31 to 1.00 percent sulfur	--	--	--	3,578	681	--	-31	--	NA	NA	7,313
Greater than 1.00 percent sulfur	--	--	--	1,593	6,017	--	-326	--	NA	NA	19,446
Petrochemical Feedstocks	--	--	--	6,655	470	--	33	--	1,480	5,612	2,542
Naphtha for Petro. Feed. Use	--	--	--	3,593	391	--	123	--	--	3,861	1,838
Other Oils for Petro. Feed. Use	--	--	--	3,062	79	--	-90	--	1,480	1,751	704
Special Naphthas	--	--	--	1,016	356	--	-77	--	--	1,449	1,134
Lubricants	--	--	--	5,217	1,392	--	-343	--	4,150	2,802	10,693
Waxes	--	--	--	194	244	--	5	--	136	297	494
Petroleum Coke	--	--	--	25,634	266	--	1,037	--	17,880	6,983	8,693
Marketable	--	--	--	19,430	266	--	1,037	--	17,880	779	8,693
Catalyst	--	--	--	6,204	--	--	--	--	--	6,204	--
Asphalt and Road Oil	--	--	--	11,141	1,763	--	-2,421	--	541	14,784	29,837
Still Gas	--	--	--	20,739	--	--	--	--	--	20,739	--
Miscellaneous Products	--	--	--	2,826	--	--	86	--	72	2,668	843
Total	534,257	0	37,390	607,228	258,753	21,684	-21,532	573,901	293,946	612,997	1,673,734

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	366,863	12,458	--	--	204,511	18,311	-19,042	507,098	114,088	0	892,081
Hydrocarbon Gas Liquids	191,844	-8,765	-696	26,254	4,322	--	21,812	14,690	72,515	103,942	208,541
Natural Gas Liquids	191,844	-8,765	-696	17,487	3,792	--	21,568	14,690	72,515	94,889	206,502
Ethane	77,839	--	--	256	--	--	-2,354	--	12,863	67,586	47,519
Propane	59,212	-19	--	9,062	2,667	--	10,034	--	41,891	18,997	64,161
Normal Butane	18,337	-422	--	8,641	940	--	11,185	1,232	11,814	3,266	60,022
Isobutane	13,481	-166	--	-472	179	--	602	7,263	116	5,041	10,009
Natural Gasoline	22,975	-8,158	-696	--	6	--	2,101	6,195	5,831	0	24,791
Refinery Olefins	--	--	--	8,767	530	--	244	--	--	9,053	2,039
Ethylene	--	--	--	25	--	--	0	--	--	25	0
Propylene	--	--	--	8,560	428	--	1	--	--	8,987	1,229
Normal Butylene	--	--	--	176	102	--	204	--	--	74	701
Isobutylene	--	--	--	6	--	--	39	--	--	-33	109
Other Liquids	--	-3,693	38,512	--	37,798	11,742	4,313	62,698	12,254	5,093	326,831
Hydrogen/Biofuels/Other Hydrocarbons	--	--	38,512	--	877	6,602	1,052	36,596	3,240	5,103	30,788
Hydrogen	--	--	--	--	--	6,950	--	6,950	--	0	--
Biofuels (including Fuel Ethanol)	--	--	38,512	--	877	-358	1,055	29,633	3,240	5,103	30,776
Fuel Ethanol ⁵	--	--	31,498	--	--	--	-358	813	27,712	2,615	0
Biofuels (excluding Fuel Ethanol)	--	--	7,013	--	877	--	242	1,921	625	5,103	6,579
Biodiesel	--	--	3,490	--	284	--	-164	1,362	625	1,951	3,240
Renewable Diesel Fuel	--	--	3,086	--	593	--	407	381	NA	2,891	3,148
Other Biofuels ⁶	--	--	437	--	--	--	-1	178	NA	260	190
Other Hydrocarbons	--	--	--	--	--	10	-3	13	--	0	12
Unfinished Oils	--	-3,693	--	--	19,840	--	-1,232	10,477	6,902	0	87,632
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	17,081	5,140	4,484	15,624	2,113	0	208,365
Reformulated	--	--	0	--	2,721	5,341	-479	8,537	4	0	47,470
Conventional	--	--	0	--	14,360	-201	4,963	7,087	2,109	0	160,894
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	9	1	--	-10	46
Finished Petroleum Products	--	--	240	592,347	24,432	-4,782	2,508	--	101,072	508,657	255,871
Finished Motor Gasoline	--	--	226	296,977	4,032	-4,782	-367	--	23,662	273,158	16,768
Reformulated	--	--	--	90,834	--	-5,278	-10	--	--	85,566	22
Conventional	--	--	226	206,143	4,032	496	-357	--	23,662	187,592	16,746
Finished Aviation Gasoline	--	--	--	315	14	--	48	--	--	281	1,151
Kerosene-Type Jet Fuel	--	--	12	53,430	4,298	--	1,854	--	6,207	49,679	41,230
Kerosene	--	--	--	279	--	--	149	--	42	88	1,082
Distillate Fuel Oil ⁵	--	--	2	158,859	5,260	--	1,262	--	47,491	115,367	112,591
15 ppm sulfur and under	--	--	2	151,439	5,200	--	2,437	--	41,466	112,737	102,809
Greater than 15 to 500 ppm sulfur	--	--	0	3,143	26	--	-385	--	3,024	530	2,623
Greater than 500 ppm sulfur	--	--	--	4,277	34	--	-790	--	3,001	2,100	7,159
Residual Fuel Oil	--	--	--	6,739	4,981	--	-55	--	2,096	9,679	29,196
Less than 0.31 percent sulfur	--	--	--	1,361	--	--	90	--	NA	NA	2,582
0.31 to 1.00 percent sulfur	--	--	--	3,614	517	--	-269	--	NA	NA	7,044
Greater than 1.00 percent sulfur	--	--	--	1,764	4,464	--	124	--	NA	NA	19,570
Petrochemical Feedstocks	--	--	--	7,639	594	--	105	--	1,436	6,692	2,647
Naphtha for Petro. Feed. Use	--	--	--	3,958	461	--	37	--	--	4,382	1,875
Other Oils for Petro. Feed. Use	--	--	--	3,681	133	--	68	--	1,436	2,310	772
Special Naphthas	--	--	--	1,032	479	--	-60	--	--	1,571	1,074
Lubricants	--	--	--	5,101	1,721	--	778	--	4,606	1,438	11,471
Waxes	--	--	--	186	207	--	13	--	142	238	507
Petroleum Coke	--	--	--	25,832	448	--	-201	--	14,989	11,492	8,492
Marketable	--	--	--	19,460	448	--	-201	--	14,989	5,120	8,492
Catalyst	--	--	--	6,372	--	--	--	--	--	6,372	--
Asphalt and Road Oil	--	--	--	11,296	2,398	--	-1,059	--	334	14,419	28,778
Still Gas	--	--	--	21,799	--	--	--	--	--	21,799	--
Miscellaneous Products	--	--	--	2,863	--	--	40	--	67	2,756	883
Total	558,707	0	38,056	618,601	271,063	25,271	9,590	584,486	299,929	617,692	1,683,324

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	371,542	13,736	--	--	196,325	10,912	-27,239	509,258	110,497	0	864,842
Hydrocarbon Gas Liquids	187,877	-10,017	-698	24,802	5,068	--	22,233	15,096	76,830	92,873	230,774
Natural Gas Liquids	187,877	-10,017	-698	16,851	4,618	--	22,471	15,096	76,830	84,234	228,973
Ethane	73,611	--	--	197	--	--	2,544	--	13,958	57,306	50,063
Propane	59,608	-23	--	9,117	2,708	--	8,677	--	45,277	17,456	72,838
Normal Butane	18,079	-420	--	7,990	1,532	--	9,468	1,713	11,784	4,216	69,490
Isobutane	13,623	-164	--	-453	373	--	603	7,221	301	5,254	10,612
Natural Gasoline	22,956	-9,410	-698	--	5	--	1,179	6,162	5,512	0	25,970
Refinery Olefins	--	--	--	7,951	450	--	-238	--	--	8,639	1,801
Ethylene	--	--	--	27	--	--	0	--	--	27	0
Propylene	--	--	--	8,153	431	--	-138	--	--	8,722	1,091
Normal Butylene	--	--	--	-215	19	--	-96	--	--	-100	605
Isobutylene	--	--	--	-14	--	--	-4	--	--	-10	105
Other Liquids	--	-3,719	37,318	--	34,771	4,100	-12,672	68,349	11,123	5,670	314,158
Hydrogen/Biofuels/Other Hydrocarbons	--	--	37,318	--	1,249	5,591	-1,635	37,369	2,745	5,679	29,152
Hydrogen	--	--	--	--	--	6,881	--	6,881	--	0	--
Biofuels (including Fuel Ethanol)	--	--	37,318	--	1,249	-1,297	-1,640	30,486	2,745	5,679	29,135
Fuel Ethanol ⁵	--	--	30,520	--	445	-1,297	-688	28,443	1,914	0	23,509
Biofuels (excluding Fuel Ethanol)	--	--	6,797	--	804	--	-952	2,043	831	5,679	5,627
Biodiesel	--	--	3,519	--	371	--	-347	1,429	831	1,976	2,894
Renewable Diesel Fuel	--	--	2,832	--	421	--	-594	380	NA	3,467	2,554
Other Biofuels ⁶	--	--	447	--	12	--	-11	234	NA	236	179
Other Hydrocarbons	--	--	--	--	--	7	5	2	--	0	17
Unfinished Oils	--	-3,719	--	--	13,948	--	-1,216	5,107	6,338	0	86,416
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	19,574	-1,492	-9,808	25,851	2,039	0	198,557
Reformulated	--	--	0	--	5,336	3,061	-2,411	10,806	2	0	45,059
Conventional	--	--	0	--	14,238	-4,552	-7,397	15,045	2,038	0	153,497
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-13	22	--	-9	33
Finished Petroleum Products	--	--	249	599,215	23,225	2,788	-7,917	--	103,721	529,673	247,955
Finished Motor Gasoline	--	--	238	306,046	2,913	2,788	266	--	29,143	282,576	17,035
Reformulated	--	--	--	93,526	--	-1,595	1	--	--	91,930	23
Conventional	--	--	238	212,520	2,913	4,383	265	--	29,143	190,647	17,012
Finished Aviation Gasoline	--	--	--	440	3	--	-123	--	--	566	1,028
Kerosene-Type Jet Fuel	--	--	9	52,183	2,646	--	-2,821	--	6,396	51,264	38,409
Kerosene	--	--	--	418	--	--	-46	--	458	6	1,036
Distillate Fuel Oil ⁵	--	--	1	159,414	5,457	--	530	--	42,186	122,155	113,122
15 ppm sulfur and under	--	--	1	152,801	5,132	--	124	--	35,695	122,115	102,934
Greater than 15 to 500 ppm sulfur	--	--	0	3,087	319	--	-41	--	3,440	7	2,582
Greater than 500 ppm sulfur	--	--	--	3,526	6	--	447	--	3,051	34	7,606
Residual Fuel Oil	--	--	--	8,500	5,943	--	-589	--	3,375	11,657	28,607
Less than 0.31 percent sulfur	--	--	--	1,338	1,025	--	92	--	NA	NA	2,674
0.31 to 1.00 percent sulfur	--	--	--	3,609	772	--	-58	--	NA	NA	6,986
Greater than 1.00 percent sulfur	--	--	--	3,553	4,146	--	-623	--	NA	NA	18,947
Petrochemical Feedstocks	--	--	--	6,615	479	--	-97	--	873	6,318	2,550
Naphtha for Petro. Feed. Use	--	--	--	3,376	390	--	63	--	--	3,703	1,938
Other Oils for Petro. Feed. Use	--	--	--	3,239	89	--	-160	--	873	2,615	612
Special Naphthas	--	--	--	985	1,102	--	-61	--	--	2,148	1,013
Lubricants	--	--	--	4,047	1,710	--	-592	--	2,192	4,157	10,879
Waxes	--	--	--	213	164	--	7	--	153	217	514
Petroleum Coke	--	--	--	25,447	382	--	-1,162	--	18,143	8,848	7,330
Marketable	--	--	--	19,087	382	--	-1,162	--	18,143	2,488	7,330
Catalyst	--	--	--	6,360	--	--	--	--	--	6,360	--
Asphalt and Road Oil	--	--	--	10,903	2,426	--	-3,216	--	736	15,809	25,562
Still Gas	--	--	--	21,228	--	--	--	--	--	21,228	--
Miscellaneous Products	--	--	--	2,776	--	--	-13	--	65	2,724	870
Total	559,419	0	36,868	624,017	259,389	17,800	-25,596	592,703	302,170	628,216	1,657,729

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	369,756	12,879	--	--	188,070	5,551	-19,449	484,236	111,469	0	845,393
Hydrocarbon Gas Liquids	184,622	-9,365	-624	18,331	4,427	--	12,931	18,224	71,444	94,791	243,705
Natural Gas Liquids	184,622	-9,365	-624	11,097	4,112	--	12,002	18,224	71,444	88,171	240,975
Ethane	71,610	--	--	166	--	--	2,096	--	11,720	57,960	52,159
Propane	59,318	-20	--	8,478	2,716	--	9,142	--	38,982	22,368	81,980
Normal Butane	17,876	-423	--	2,863	1,200	--	-873	5,612	14,244	2,533	68,617
Isobutane	13,369	-165	--	-410	195	--	380	7,114	186	5,309	10,992
Natural Gasoline	22,449	-8,757	-624	--	1	--	1,257	5,498	6,313	0	27,227
Refinery Olefins	--	--	--	7,234	315	--	929	--	--	6,620	2,730
Ethylene	--	--	--	23	--	--	0	--	--	23	0
Propylene	--	--	--	7,560	252	--	-8	--	--	7,820	1,083
Normal Butylene	--	--	--	-418	63	--	994	--	--	-1,349	1,599
Isobutylene	--	--	--	69	--	--	-57	--	--	126	48
Other Liquids	--	-3,514	34,159	--	27,662	6,527	-12,657	60,029	12,371	5,091	301,501
Hydrogen/Biofuels/Other Hydrocarbons	--	--	34,159	--	709	6,910	-1,891	35,772	2,785	5,112	27,261
Hydrogen	--	--	--	--	--	6,670	--	6,670	--	0	--
Biofuels (including Fuel Ethanol)	--	--	34,159	--	709	224	-1,895	29,090	2,785	5,112	27,240
Fuel Ethanol ⁵	--	--	27,072	--	--	224	-1,969	27,120	2,144	0	21,540
Biofuels (excluding Fuel Ethanol)	--	--	7,087	--	709	--	73	1,970	641	5,112	5,700
Biodiesel	--	--	3,350	--	405	--	-67	1,387	641	1,795	2,826
Renewable Diesel Fuel	--	--	3,289	--	304	--	144	431	NA	3,019	2,698
Other Biofuels ⁶	--	--	448	--	--	--	-3	152	NA	298	176
Other Hydrocarbons	--	--	--	--	--	16	4	12	--	0	21
Unfinished Oils	--	-3,514	--	--	13,262	--	-4,106	6,674	7,180	0	82,310
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	13,691	-382	-6,664	17,566	2,406	0	191,893
Reformulated	--	--	0	--	4,516	8,394	-3,414	16,321	3	0	41,645
Conventional	--	--	0	--	9,175	-8,776	-3,250	1,245	2,403	0	150,247
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	4	17	--	-21	37
Finished Petroleum Products	--	--	239	576,618	20,715	159	-6,602	--	100,343	503,990	241,353
Finished Motor Gasoline	--	--	224	292,796	3,638	159	588	--	30,829	265,399	17,623
Reformulated	--	--	--	90,256	--	-8,101	3	--	--	82,152	26
Conventional	--	--	224	202,540	3,638	8,260	585	--	30,829	183,247	17,597
Finished Aviation Gasoline	--	--	--	365	33	--	56	--	--	342	1,084
Kerosene-Type Jet Fuel	--	--	9	48,036	2,439	--	-1,889	--	6,346	46,027	36,520
Kerosene	--	--	--	348	--	--	-117	--	372	93	919
Distillate Fuel Oil ⁵	--	--	6	155,497	3,805	--	-2,591	--	39,275	122,624	110,531
15 ppm sulfur and under	--	--	6	148,627	3,792	--	-3,684	--	34,763	121,346	99,250
Greater than 15 to 500 ppm sulfur	--	--	0	2,445	11	--	-2	--	1,247	1,211	2,580
Greater than 500 ppm sulfur	--	--	--	4,425	2	--	1,095	--	3,266	66	8,701
Residual Fuel Oil	--	--	--	8,872	5,893	--	-1,216	--	2,040	13,941	27,391
Less than 0.31 percent sulfur	--	--	--	1,412	145	--	-787	--	NA	NA	1,887
0.31 to 1.00 percent sulfur	--	--	--	3,623	538	--	-413	--	NA	NA	6,573
Greater than 1.00 percent sulfur	--	--	--	3,837	5,210	--	-16	--	NA	NA	18,931
Petrochemical Feedstocks	--	--	--	6,545	475	--	-29	--	1,491	5,558	2,521
Naphtha for Petro. Feed. Use	--	--	--	3,370	378	--	-126	--	--	3,874	1,812
Other Oils for Petro. Feed. Use	--	--	--	3,175	97	--	97	--	1,491	1,684	709
Special Naphthas	--	--	--	886	696	--	20	--	--	1,562	1,033
Lubricants	--	--	--	4,636	1,496	--	962	--	2,213	2,957	11,841
Waxes	--	--	--	164	188	--	30	--	145	177	544
Petroleum Coke	--	--	--	24,271	258	--	-775	--	17,108	8,196	6,555
Marketable	--	--	--	18,247	258	--	-775	--	17,108	2,172	6,555
Catalyst	--	--	--	6,024	--	--	--	--	--	6,024	--
Asphalt and Road Oil	--	--	--	11,199	1,794	--	-1,626	--	464	14,155	23,936
Still Gas	--	--	--	20,287	--	--	--	--	--	20,287	--
Miscellaneous Products	--	--	--	2,716	--	--	-15	--	59	2,672	855
Total	554,378	0	33,774	594,949	240,874	12,237	-25,776	562,489	295,628	603,872	1,631,952

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	383,704	18,257	--	--	193,422	10,585	-7,146	489,050	124,064	0	838,247
Hydrocarbon Gas Liquids	191,200	-14,552	-717	12,533	5,428	--	-685	20,144	74,454	99,980	243,020
Natural Gas Liquids	191,200	-14,552	-717	5,756	5,142	--	-128	20,144	74,454	92,360	240,847
Ethane	76,235	--	--	158	--	--	554	--	13,354	62,485	52,713
Propane	60,688	-24	--	8,496	3,692	--	4,744	--	44,616	23,492	86,724
Normal Butane	18,023	-458	--	-2,366	1,263	--	-6,139	8,590	13,059	952	62,478
Isobutane	14,113	-180	--	-532	184	--	971	6,998	186	5,430	11,963
Natural Gasoline	22,141	-13,890	-717	--	3	--	-258	4,556	3,240	0	26,969
Refinery Olefins	--	--	--	6,777	286	--	-557	--	--	7,620	2,173
Ethylene	--	--	--	20	--	--	0	--	--	20	0
Propylene	--	--	--	6,933	189	--	-56	--	--	7,178	1,027
Normal Butylene	--	--	--	-235	97	--	-499	--	--	361	1,100
Isobutylene	--	--	--	59	--	--	-2	--	--	61	46
Other Liquids	--	-3,705	38,461	--	32,037	10,489	4,648	56,004	10,496	6,134	306,149
Hydrogen/Biofuels/Other Hydrocarbons	--	--	38,462	--	1,302	5,247	-227	36,589	2,504	6,145	27,035
Hydrogen	--	--	--	--	--	6,747	--	6,747	--	0	--
Biofuels (including Fuel Ethanol)	--	--	38,462	--	1,302	-1,514	-217	29,818	2,504	6,145	27,024
Fuel Ethanol ⁵	--	--	31,440	--	193	-1,514	168	27,916	2,036	0	21,708
Biofuels (excluding Fuel Ethanol)	--	--	7,022	--	1,109	--	-384	1,902	468	6,145	5,316
Biodiesel	--	--	3,464	--	658	--	77	1,340	468	2,237	2,903
Renewable Diesel Fuel	--	--	3,079	--	451	--	-463	412	NA	3,581	2,235
Other Biofuels ⁶	--	--	478	--	--	--	1	150	NA	327	178
Other Hydrocarbons	--	--	--	--	--	14	-10	24	--	0	11
Unfinished Oils	--	-3,705	--	--	17,604	--	2,842	4,542	6,515	0	85,152
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	-1	--	13,131	5,242	2,042	14,853	1,477	0	193,935
Reformulated	--	--	0	--	4,071	7,846	-680	12,593	4	0	40,965
Conventional	--	--	-1	--	9,060	-2,604	2,722	2,260	1,473	0	152,969
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-9	20	--	-11	28
Finished Petroleum Products	--	--	234	584,093	21,615	-3,728	314	--	87,810	514,091	241,666
Finished Motor Gasoline	--	--	224	299,269	2,460	-3,728	-1,113	--	26,328	273,011	16,510
Reformulated	--	--	--	92,880	--	-6,921	2	--	--	85,957	28
Conventional	--	--	224	206,389	2,460	3,193	-1,115	--	26,328	187,054	16,482
Finished Aviation Gasoline	--	--	--	403	33	--	74	--	--	362	1,158
Kerosene-Type Jet Fuel	--	--	6	48,603	4,062	--	-60	--	4,422	48,309	36,460
Kerosene	--	--	--	509	--	--	224	--	269	16	1,143
Distillate Fuel Oil ⁵	--	--	4	157,392	3,272	--	-39	--	31,660	129,048	110,492
15 ppm sulfur and under	--	--	4	151,473	3,264	--	561	--	26,399	127,781	99,811
Greater than 15 to 500 ppm sulfur	--	--	0	2,633	6	--	158	--	2,344	137	2,738
Greater than 500 ppm sulfur	--	--	--	3,286	2	--	-758	--	2,916	1,130	7,943
Residual Fuel Oil	--	--	--	7,848	6,323	--	2,632	--	2,942	8,597	30,023
Less than 0.31 percent sulfur	--	--	--	1,387	438	--	304	--	NA	NA	2,191
0.31 to 1.00 percent sulfur	--	--	--	3,629	1,470	--	106	--	NA	NA	6,679
Greater than 1.00 percent sulfur	--	--	--	2,832	4,415	--	2,222	--	NA	NA	21,153
Petrochemical Feedstocks	--	--	--	6,341	341	--	-92	--	386	6,388	2,429
Naphtha for Petro. Feed. Use	--	--	--	3,335	283	--	-13	--	--	3,631	1,799
Other Oils for Petro. Feed. Use	--	--	--	3,006	58	--	-79	--	386	2,757	630
Special Naphthas	--	--	--	876	491	--	-42	--	--	1,409	991
Lubricants	--	--	--	4,414	2,202	--	167	--	2,422	4,027	12,008
Waxes	--	--	--	130	194	--	26	--	131	167	570
Petroleum Coke	--	--	--	24,394	377	--	-29	--	18,843	5,957	6,526
Marketable	--	--	--	18,516	377	--	-29	--	18,843	79	6,526
Catalyst	--	--	--	5,878	--	--	--	--	--	5,878	--
Asphalt and Road Oil	--	--	--	11,010	1,860	--	-1,518	--	358	14,030	22,418
Still Gas	--	--	--	20,216	--	--	--	--	--	20,216	--
Miscellaneous Products	--	--	--	2,688	--	--	84	--	49	2,555	939
Total	574,904	0	37,979	596,626	252,502	17,346	-2,869	565,198	296,824	620,205	1,629,083

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	371,281	14,341	--	--	187,582	10,267	-33,207	493,514	123,164	0	805,040
Hydrocarbon Gas Liquids	184,179	-10,343	-740	10,153	5,864	--	-6,865	22,130	71,152	102,696	236,155
Natural Gas Liquids	184,179	-10,343	-740	3,316	5,342	--	-6,702	22,130	71,152	95,174	234,145
Ethane	75,925	--	--	174	--	--	4,084	--	13,117	58,898	56,797
Propane	57,852	-23	--	8,628	3,976	--	948	--	39,902	29,583	87,672
Normal Butane	16,805	-487	--	-4,893	1,196	--	-11,085	9,907	12,716	1,083	51,393
Isobutane	13,465	-191	--	-593	163	--	4	7,119	111	5,610	11,967
Natural Gasoline	20,132	-9,642	-740	--	7	--	-653	5,104	5,306	0	26,316
Refinery Olefins	--	--	--	6,837	522	--	-163	--	--	7,522	2,010
Ethylene	--	--	--	19	--	--	0	--	--	19	0
Propylene	--	--	--	7,030	323	--	141	--	--	7,212	1,168
Normal Butylene	--	--	--	-221	199	--	-263	--	--	241	837
Isobutylene	--	--	--	9	--	--	-41	--	--	50	5
Other Liquids	--	-3,998	38,931	--	31,985	5,678	13,032	43,071	10,803	5,689	319,181
Hydrogen/Biofuels/Other Hydrocarbons	--	--	38,932	--	2,095	5,301	3,125	35,360	2,135	5,709	30,159
Hydrogen	--	--	--	--	--	6,811	--	6,811	--	0	--
Biofuels (including Fuel Ethanol)	--	--	38,932	--	2,095	-1,524	3,115	28,545	2,135	5,709	30,138
Fuel Ethanol ⁵	--	--	31,580	--	500	-1,524	1,867	26,775	1,914	0	23,575
Biofuels (excluding Fuel Ethanol)	--	--	7,352	--	1,595	--	1,248	1,770	221	5,709	6,563
Biodiesel	--	--	3,384	--	903	--	329	1,238	221	2,499	3,232
Renewable Diesel Fuel	--	--	3,465	--	692	--	852	452	NA	2,853	3,087
Other Biofuels ⁶	--	--	504	--	--	--	66	80	NA	357	244
Other Hydrocarbons	--	--	--	--	--	14	10	4	--	0	21
Unfinished Oils	--	-3,998	--	--	15,807	--	-978	6,012	6,775	0	84,174
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	-1	--	14,083	377	10,875	1,690	1,894	0	204,809
Reformulated	--	--	0	--	4,341	10,159	4,485	10,012	3	0	45,450
Conventional	--	--	-1	--	9,742	-9,782	6,390	-8,322	1,891	0	159,359
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	11	9	--	-20	39
Finished Petroleum Products	--	--	202	579,261	24,821	1,147	13,153	--	94,236	498,042	254,820
Finished Motor Gasoline	--	--	202	290,463	2,974	1,147	35	--	29,946	264,805	16,545
Reformulated	--	--	--	89,122	--	-8,737	-5	--	--	80,390	23
Conventional	--	--	202	201,341	2,974	9,884	40	--	29,946	184,415	16,522
Finished Aviation Gasoline	--	--	--	330	21	--	-41	--	--	392	1,117
Kerosene-Type Jet Fuel	--	--	4	49,764	4,311	--	1,352	--	5,192	47,535	37,812
Kerosene	--	--	--	930	--	--	739	--	42	149	1,882
Distillate Fuel Oil ⁵	--	--	-4	160,152	6,829	--	10,109	--	35,083	121,785	120,601
15 ppm sulfur and under	--	--	-4	153,438	6,812	--	9,649	--	29,038	121,559	109,460
Greater than 15 to 500 ppm sulfur	--	--	0	3,113	16	--	80	--	2,977	72	2,818
Greater than 500 ppm sulfur	--	--	--	3,601	1	--	380	--	3,068	154	8,323
Residual Fuel Oil	--	--	--	6,567	7,502	--	-658	--	3,947	10,780	29,365
Less than 0.31 percent sulfur	--	--	--	1,314	--	--	-69	--	NA	NA	2,122
0.31 to 1.00 percent sulfur	--	--	--	3,564	2,190	--	-39	--	NA	NA	6,640
Greater than 1.00 percent sulfur	--	--	--	1,689	5,312	--	-550	--	NA	NA	20,603
Petrochemical Feedstocks	--	--	--	6,775	317	--	138	--	1,530	5,424	2,567
Naphtha for Petro. Feed. Use	--	--	--	4,124	228	--	26	--	--	4,326	1,825
Other Oils for Petro. Feed. Use	--	--	--	2,651	89	--	112	--	1,530	1,098	742
Special Naphthas	--	--	--	915	169	--	61	--	--	1,023	1,052
Lubricants	--	--	--	4,652	967	--	16	--	2,382	3,221	12,024
Waxes	--	--	--	132	140	--	22	--	110	140	592
Petroleum Coke	--	--	--	24,940	24	--	367	--	15,500	9,097	6,893
Marketable	--	--	--	19,146	24	--	367	--	15,500	3,303	6,893
Catalyst	--	--	--	5,794	--	--	--	--	--	5,794	--
Asphalt and Road Oil	--	--	--	10,818	1,567	--	886	--	444	11,055	23,304
Still Gas	--	--	--	20,079	--	--	--	--	--	20,079	--
Miscellaneous Products	--	--	--	2,744	--	--	127	--	60	2,557	1,066
Total	555,460	0	38,392	589,414	250,252	17,092	-13,887	558,715	299,355	606,426	1,615,196

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	376,280	11,586	--	--	185,982	16,846	-2,908	476,685	116,916	0	802,132
Hydrocarbon Gas Liquids	173,614	-9,814	-692	10,451	6,039	--	-25,005	22,477	79,243	102,882	211,150
Natural Gas Liquids	173,614	-9,814	-692	3,664	5,553	--	-24,868	22,477	79,243	95,472	209,277
Ethane	68,158	--	--	170	--	--	-3,251	--	14,983	56,596	53,546
Propane	56,381	-27	--	8,135	4,279	--	-11,030	--	45,575	34,223	76,642
Normal Butane	16,300	-512	--	-4,267	1,070	--	-9,628	10,125	13,227	-1,133	41,765
Isobutane	13,318	-201	--	-374	203	--	226	6,751	182	5,787	12,193
Natural Gasoline	19,457	-9,074	-692	--	1	--	-1,185	5,601	5,276	0	25,131
Refinery Olefins	--	--	--	6,787	486	--	-137	--	--	7,410	1,873
Ethylene	--	--	--	32	--	--	0	--	--	32	0
Propylene	--	--	--	7,110	421	--	170	--	--	7,361	1,338
Normal Butylene	--	--	--	-368	65	--	-318	--	--	15	519
Isobutylene	--	--	--	13	--	--	11	--	--	2	16
Other Liquids	--	-1,771	37,435	--	32,420	5,390	5,956	48,852	12,886	5,780	325,138
Hydrogen/Biofuels/Other Hydrocarbons	--	--	37,436	--	1,573	5,891	1,391	35,592	2,130	5,788	31,550
Hydrogen	--	--	--	--	--	6,614	--	6,614	--	0	--
Biofuels (including Fuel Ethanol)	--	--	37,436	--	1,573	-726	1,402	28,964	2,130	5,788	31,540
Fuel Ethanol ⁵	--	--	30,046	--	--	-726	670	26,982	1,668	0	24,245
Biofuels (excluding Fuel Ethanol)	--	--	7,390	--	1,573	--	732	1,982	462	5,788	7,296
Biodiesel	--	--	3,164	--	851	--	376	1,280	462	1,898	3,608
Renewable Diesel Fuel	--	--	3,619	--	670	--	318	394	NA	3,577	3,405
Other Biofuels ⁶	--	--	607	--	52	--	38	308	NA	313	282
Other Hydrocarbons	--	--	--	--	--	3	-11	14	--	0	10
Unfinished Oils	--	-1,771	--	--	14,025	--	2,208	3,303	6,743	0	86,382
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	-1	--	16,822	-501	2,363	9,943	4,013	0	207,172
Reformulated	--	--	0	--	5,553	13,111	2,322	16,339	2	0	47,772
Conventional	--	--	-1	--	11,269	-13,612	41	-6,396	4,011	0	159,400
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-6	14	--	-8	33
Finished Petroleum Products	--	--	181	568,120	24,366	1,227	1,383	--	102,029	490,481	256,203
Finished Motor Gasoline	--	--	181	291,876	3,047	1,227	693	--	29,165	266,473	17,238
Reformulated	--	--	--	91,036	--	-11,731	-3	--	--	79,308	20
Conventional	--	--	181	200,840	3,047	12,958	696	--	29,165	187,165	17,218
Finished Aviation Gasoline	--	--	--	411	118	--	189	--	--	340	1,306
Kerosene-Type Jet Fuel	--	--	2	48,407	3,764	--	-2,773	--	5,571	49,376	35,039
Kerosene	--	--	--	861	100	--	299	--	486	176	2,181
Distillate Fuel Oil ⁵	--	--	-3	151,059	6,551	--	-1,702	--	41,735	117,574	118,899
15 ppm sulfur and under	--	--	-3	144,390	6,446	--	-717	--	35,158	116,392	108,743
Greater than 15 to 500 ppm sulfur	--	--	0	3,276	103	--	-319	--	3,433	265	2,499
Greater than 500 ppm sulfur	--	--	--	3,393	2	--	-666	--	3,144	917	7,657
Residual Fuel Oil	--	--	--	8,444	5,703	--	1,374	--	4,298	8,475	30,739
Less than 0.31 percent sulfur	--	--	--	1,272	--	--	658	--	NA	NA	2,780
0.31 to 1.00 percent sulfur	--	--	--	3,289	731	--	-469	--	NA	NA	6,171
Greater than 1.00 percent sulfur	--	--	--	3,883	4,972	--	1,185	--	NA	NA	21,788
Petrochemical Feedstocks	--	--	--	5,819	818	--	-179	--	710	6,106	2,388
Naphtha for Petro. Feed. Use	--	--	--	3,386	691	--	-42	--	--	4,119	1,783
Other Oils for Petro. Feed. Use	--	--	--	2,433	127	--	-137	--	710	1,987	605
Special Naphthas	--	--	--	669	343	--	-33	--	--	1,045	1,019
Lubricants	--	--	--	4,700	1,614	--	1,361	--	1,712	3,241	13,385
Waxes	--	--	--	102	143	--	9	--	99	137	601
Petroleum Coke	--	--	--	24,214	274	--	-19	--	17,469	7,038	6,874
Marketable	--	--	--	18,493	274	--	-19	--	17,469	1,317	6,874
Catalyst	--	--	--	5,721	--	--	--	--	--	5,721	--
Asphalt and Road Oil	--	--	--	9,011	1,891	--	2,228	--	740	7,934	25,532
Still Gas	--	--	--	19,894	--	--	--	--	--	19,894	--
Miscellaneous Products	--	--	--	2,653	--	--	-64	--	44	2,673	1,002
Total	549,894	0	36,924	578,571	248,807	23,463	-20,574	548,014	311,074	599,143	1,594,622

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	11,480	260	--	--	6,397	271	-414	15,468	3,354	0	
Hydrocarbon Gas Liquids	5,508	-231	-22	382	224	--	-1,038	653	2,267	3,979	
Natural Gas Liquids	5,508	-231	-22	111	210	--	-1,031	653	2,267	3,687	
Ethane	2,256	--	--	9	--	--	-278	--	375	2,168	
Propane	1,754	-1	--	271	168	--	-510	--	1,409	1,294	
Normal Butane	527	-17	--	-163	38	--	-217	289	289	24	
Isobutane	390	-6	--	-6	3	--	-18	194	4	201	
Natural Gasoline	581	-207	-22	--	0	--	-8	171	189	0	
Refinery Olefins	--	--	--	271	15	--	-7	--	--	293	
Ethylene	--	--	--	1	--	--	0	--	--	1	
Propylene	--	--	--	279	13	--	-6	--	--	298	
Normal Butylene	--	--	--	-10	1	--	-2	--	--	-7	
Isobutylene	--	--	--	1	--	--	0	--	--	0	
Other Liquids	--	-29	1,225	--	837	254	876	764	523	124	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,225	--	41	182	151	1,084	90	125	
Hydrogen	--	--	--	--	--	224	--	224	--	0	
Biofuels (including Fuel Ethanol)	--	--	1,225	--	41	-42	151	859	90	125	
Fuel Ethanol ⁵	--	--	1,038	--	8	-42	124	798	83	0	
Biofuels (excluding Fuel Ethanol)	--	--	187	--	33	--	27	61	7	125	
Biodiesel	--	--	92	--	13	--	11	39	7	47	
Renewable Diesel Fuel	--	--	85	--	20	--	12	12	NA	81	
Other Biofuels ⁶	--	--	10	--	--	--	4	10	NA	-4	
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0	
Unfinished Oils	--	-29	--	--	443	--	102	-35	348	0	
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	353	72	624	-285	86	0	
Reformulated	--	--	0	--	145	215	122	238	0	0	
Conventional	--	--	0	--	207	-143	501	-522	86	0	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0	
Finished Petroleum Products	--	--	3	17,491	719	-29	128	--	2,546	15,510	
Finished Motor Gasoline	--	--	3	8,758	70	-29	9	--	731	8,062	
Reformulated	--	--	--	2,686	--	-257	0	--	--	2,429	
Conventional	--	--	3	6,073	70	227	9	--	731	5,633	
Finished Aviation Gasoline	--	--	--	9	3	--	4	--	--	7	
Kerosene-Type Jet Fuel	--	--	0	1,517	128	--	90	--	136	1,418	
Kerosene	--	--	0	16	--	--	-17	--	1	32	
Distillate Fuel Oil ⁵	--	--	0	4,670	242	--	-153	--	937	4,129	
15 ppm sulfur and under	--	--	0	4,465	231	--	-167	--	793	4,071	
Greater than 15 to 500 ppm sulfur	--	--	0	67	10	--	7	--	69	2	
Greater than 500 ppm sulfur	--	--	0	138	0	--	7	--	75	56	
Residual Fuel Oil	--	--	--	270	166	--	42	--	89	304	
Less than 0.31 percent sulfur	--	--	--	39	--	--	5	--	NA	NA	
0.31 to 1.00 percent sulfur	--	--	--	108	43	--	15	--	NA	NA	
Greater than 1.00 percent sulfur	--	--	--	123	123	--	22	--	NA	NA	
Petrochemical Feedstocks	--	--	--	236	18	--	1	--	60	193	
Naphtha for Petro. Feed. Use	--	--	--	148	14	--	-2	--	--	165	
Other Oils for Petro. Feed. Use	--	--	--	88	3	--	3	--	60	28	
Special Naphthas	--	--	--	45	7	--	11	--	--	41	
Lubricants	--	--	--	148	36	--	-22	--	81	125	
Waxes	--	--	--	5	7	--	0	--	4	8	
Petroleum Coke	--	--	--	767	6	--	49	--	484	240	
Marketable	--	--	--	577	6	--	49	--	484	50	
Catalyst	--	--	--	190	--	--	--	--	--	190	
Asphalt and Road Oil	--	--	--	336	37	--	107	--	22	243	
Still Gas	--	--	--	621	--	--	--	--	--	621	
Miscellaneous Products	--	--	--	92	--	--	6	--	1	85	
Total	16,988	0	1,206	17,873	8,177	496	-448	16,885	8,690	19,613	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	11,258	534	--	--	6,160	168	-523	15,397	3,244	0
Hydrocarbon Gas Liquids	5,514	-306	-21	454	243	--	-707	593	2,269	3,730
Natural Gas Liquids	5,514	-306	-21	173	226	--	-712	593	2,269	3,437
Ethane	2,252	--	--	6	--	--	-195	--	400	2,053
Propane	1,765	-1	--	272	188	--	-367	--	1,352	1,239
Normal Butane	533	-17	--	-100	31	--	-90	241	329	-33
Isobutane	387	-7	--	-6	7	--	-4	197	10	178
Natural Gasoline	578	-282	-21	--	0	--	-57	154	178	0
Refinery Olefins	--	--	--	282	17	--	5	--	--	293
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	276	14	--	-1	--	--	291
Normal Butylene	--	--	--	6	3	--	7	--	--	1
Isobutylene	--	--	--	0	--	--	-2	--	--	1
Other Liquids	--	-228	1,201	--	1,089	176	42	1,528	527	141
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,201	--	17	209	24	1,135	127	141
Hydrogen	--	--	--	--	--	209	--	209	--	0
Biofuels (including Fuel Ethanol)	--	--	1,201	--	17	-1	24	926	127	141
Fuel Ethanol ⁵	--	--	1,011	--	--	-1	23	865	122	0
Biofuels (excluding Fuel Ethanol)	--	--	190	--	17	--	1	61	4	141
Biodiesel	--	--	97	--	4	--	-3	44	4	56
Renewable Diesel Fuel	--	--	82	--	13	--	1	11	NA	82
Other Biofuels ⁶	--	--	11	--	--	--	3	6	NA	2
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	-228	--	--	537	--	89	-125	345	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	535	-33	-72	518	55	0
Reformulated	--	--	0	--	194	221	-94	509	0	0
Conventional	--	--	0	--	341	-254	22	9	55	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	4	17,988	965	34	-24	--	2,695	16,320
Finished Motor Gasoline	--	--	4	9,373	47	34	17	--	789	8,650
Reformulated	--	--	--	2,925	--	-200	0	--	--	2,725
Conventional	--	--	4	6,448	47	233	17	--	789	5,925
Finished Aviation Gasoline	--	--	--	8	0	--	-5	--	--	13
Kerosene-Type Jet Fuel	--	--	0	1,504	109	--	46	--	150	1,418
Kerosene	--	--	0	6	--	--	-11	--	14	2
Distillate Fuel Oil ⁵	--	--	0	4,682	399	--	-167	--	883	4,365
15 ppm sulfur and under	--	--	0	4,488	397	--	-125	--	661	4,349
Greater than 15 to 500 ppm sulfur	--	--	0	50	0	--	-22	--	69	4
Greater than 500 ppm sulfur	--	--	0	144	3	--	-20	--	154	13
Residual Fuel Oil	--	--	--	228	258	--	35	--	124	327
Less than 0.31 percent sulfur	--	--	--	39	--	--	-22	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	74	62	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	115	196	--	56	--	NA	NA
Petrochemical Feedstocks	--	--	--	192	13	--	2	--	43	159
Naphtha for Petro. Feed. Use	--	--	--	136	9	--	8	--	--	137
Other Oils for Petro. Feed. Use	--	--	--	56	4	--	-5	--	43	22
Special Naphthas	--	--	--	31	5	--	-14	--	--	49
Lubricants	--	--	--	165	47	--	7	--	91	114
Waxes	--	--	--	6	4	--	0	--	5	6
Petroleum Coke	--	--	--	779	19	--	-7	--	577	229
Marketable	--	--	--	583	19	--	-7	--	577	33
Catalyst	--	--	--	195	--	--	--	--	--	195
Asphalt and Road Oil	--	--	--	302	64	--	84	--	17	264
Still Gas	--	--	--	626	--	--	--	--	--	626
Miscellaneous Products	--	--	--	88	--	--	-11	--	1	98
Total	16,772	0	1,183	18,442	8,457	377	-1,212	17,518	8,735	20,190

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	11,806	440	--	--	6,417	150	-230	15,847	3,196	0	
Hydrocarbon Gas Liquids	5,952	-271	-22	631	195	--	33	532	2,328	3,592	
Natural Gas Liquids	5,952	-271	-22	359	177	--	43	532	2,328	3,292	
Ethane	2,530	--	--	5	--	--	16	--	434	2,084	
Propane	1,843	-1	--	275	130	--	-47	--	1,352	941	
Normal Butane	537	-16	--	97	42	--	50	154	380	76	
Isobutane	427	-6	--	-17	5	--	6	207	5	191	
Natural Gasoline	615	-248	-22	--	0	--	17	170	158	0	
Refinery Olefins	--	--	--	272	18	--	-10	--	--	300	
Ethylene	--	--	--	1	--	--	0	--	--	1	
Propylene	--	--	--	284	17	--	-3	--	--	304	
Normal Butylene	--	--	--	-14	1	--	-7	--	--	-6	
Isobutylene	--	--	--	1	--	--	1	--	--	1	
Other Liquids	--	-169	1,213	--	1,131	114	-237	1,805	570	153	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,213	--	38	172	12	1,166	92	153	
Hydrogen	--	--	--	--	--	215	--	215	--	0	
Biofuels (including Fuel Ethanol)	--	--	1,213	--	38	-43	12	951	92	153	
Fuel Ethanol ⁵	--	--	1,019	--	--	-43	6	883	87	0	
Biofuels (excluding Fuel Ethanol)	--	--	195	--	38	--	6	68	6	153	
Biodiesel	--	--	102	--	21	--	8	48	6	61	
Renewable Diesel Fuel	--	--	84	--	18	--	-1	11	NA	92	
Other Biofuels ⁶	--	--	9	--	--	--	0	9	NA	0	
Other Hydrocarbons	--	--	--	--	--	0	0	1	--	0	
Unfinished Oils	--	-169	--	--	623	--	88	-36	402	0	
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	470	-58	-337	674	75	0	
Reformulated	--	--	0	--	140	262	-30	431	0	0	
Conventional	--	--	0	--	330	-320	-307	243	75	0	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	0	
Finished Petroleum Products	--	--	6	18,556	705	101	-346	--	2,976	16,738	
Finished Motor Gasoline	--	--	6	9,525	60	101	-42	--	729	9,005	
Reformulated	--	--	--	2,950	--	-228	0	--	--	2,722	
Conventional	--	--	6	6,574	60	329	-43	--	729	6,283	
Finished Aviation Gasoline	--	--	--	11	1	--	-2	--	--	14	
Kerosene-Type Jet Fuel	--	--	0	1,436	124	--	-137	--	178	1,520	
Kerosene	--	--	--	2	--	--	-5	--	7	1	
Distillate Fuel Oil ⁵	--	--	0	5,004	189	--	-192	--	1,202	4,183	
15 ppm sulfur and under	--	--	0	4,771	175	--	-218	--	995	4,170	
Greater than 15 to 500 ppm sulfur	--	--	0	124	10	--	15	--	107	12	
Greater than 500 ppm sulfur	--	--	--	109	4	--	12	--	100	2	
Residual Fuel Oil	--	--	--	301	193	--	2	--	126	366	
Less than 0.31 percent sulfur	--	--	--	38	--	--	5	--	NA	NA	
0.31 to 1.00 percent sulfur	--	--	--	113	4	--	5	--	NA	NA	
Greater than 1.00 percent sulfur	--	--	--	150	190	--	-7	--	NA	NA	
Petrochemical Feedstocks	--	--	--	223	15	--	-7	--	42	203	
Naphtha for Petro. Feed. Use	--	--	--	134	11	--	-10	--	--	156	
Other Oils for Petro. Feed. Use	--	--	--	89	4	--	3	--	42	47	
Special Naphthas	--	--	--	36	19	--	1	--	--	53	
Lubricants	--	--	--	166	46	--	-37	--	111	139	
Waxes	--	--	--	6	4	--	-1	--	5	5	
Petroleum Coke	--	--	--	788	5	--	-20	--	561	251	
Marketable	--	--	--	589	5	--	-20	--	561	52	
Catalyst	--	--	--	199	--	--	--	--	--	199	
Asphalt and Road Oil	--	--	--	331	49	--	94	--	14	272	
Still Gas	--	--	--	641	--	--	--	--	--	641	
Miscellaneous Products	--	--	--	87	--	--	0	--	3	85	
Total	17,758	0	1,197	19,187	8,449	365	-780	18,183	9,070	20,483	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	11,770	419	--	--	6,060	404	-501	15,648	3,505	0
Hydrocarbon Gas Liquids	5,917	-302	-20	810	155	--	406	470	2,421	3,263
Natural Gas Liquids	5,917	-302	-20	514	135	--	409	470	2,421	2,946
Ethane	2,470	--	--	5	--	--	56	--	354	2,065
Propane	1,844	-1	--	298	92	--	132	--	1,421	681
Normal Butane	538	-16	--	233	31	--	189	102	474	21
Isobutane	435	-6	--	-23	12	--	11	225	4	178
Natural Gasoline	630	-279	-20	--	0	--	21	143	168	0
Refinery Olefins	--	--	--	296	19	--	-3	--	--	318
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	285	15	--	-3	--	--	302
Normal Butylene	--	--	--	10	5	--	1	--	--	14
Isobutylene	--	--	--	0	--	--	0	--	--	1
Other Liquids	--	-117	1,171	--	1,335	242	-379	2,285	562	163
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,171	--	37	229	-92	1,191	175	163
Hydrogen	--	--	--	--	--	226	--	226	--	0
Biofuels (including Fuel Ethanol)	--	--	1,171	--	37	2	-92	964	175	163
Fuel Ethanol ⁵	--	--	965	--	--	2	-81	894	154	0
Biofuels (excluding Fuel Ethanol)	--	--	206	--	37	--	-12	70	21	163
Biodiesel	--	--	101	--	22	--	-16	48	21	70
Renewable Diesel Fuel	--	--	95	--	13	--	6	12	NA	90
Other Biofuels ⁶	--	--	11	--	2	--	-1	11	NA	3
Other Hydrocarbons	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	-117	--	--	715	--	15	268	315	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	582	13	-302	825	72	0
Reformulated	--	--	0	--	198	200	29	368	0	0
Conventional	--	--	0	--	385	-186	-331	457	72	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	6	18,642	698	-15	-146	--	3,177	16,301
Finished Motor Gasoline	--	--	6	9,547	113	-15	19	--	833	8,799
Reformulated	--	--	--	2,973	--	-176	0	--	--	2,797
Conventional	--	--	6	6,574	113	160	19	--	833	6,002
Finished Aviation Gasoline	--	--	--	10	0	--	0	--	--	11
Kerosene-Type Jet Fuel	--	--	0	1,699	123	--	70	--	205	1,547
Kerosene	--	--	--	2	--	--	-3	--	2	3
Distillate Fuel Oil ⁵	--	--	0	4,835	129	--	-279	--	1,267	3,976
15 ppm sulfur and under	--	--	0	4,618	128	--	-295	--	1,066	3,974
Greater than 15 to 500 ppm sulfur	--	--	0	111	0	--	-4	--	115	1
Greater than 500 ppm sulfur	--	--	--	107	0	--	20	--	86	1
Residual Fuel Oil	--	--	--	232	188	--	47	--	118	255
Less than 0.31 percent sulfur	--	--	--	41	--	--	9	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	119	43	--	12	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	72	145	--	25	--	NA	NA
Petrochemical Feedstocks	--	--	--	245	18	--	6	--	36	221
Naphtha for Petro. Feed. Use	--	--	--	136	15	--	3	--	--	148
Other Oils for Petro. Feed. Use	--	--	--	108	3	--	4	--	36	72
Special Naphthas	--	--	--	33	9	--	-3	--	--	45
Lubricants	--	--	--	163	46	--	-11	--	97	123
Waxes	--	--	--	5	8	--	0	--	5	8
Petroleum Coke	--	--	--	814	9	--	-8	--	594	237
Marketable	--	--	--	609	9	--	-8	--	594	33
Catalyst	--	--	--	205	--	--	--	--	--	205
Asphalt and Road Oil	--	--	--	311	55	--	12	--	19	335
Still Gas	--	--	--	659	--	--	--	--	--	659
Miscellaneous Products	--	--	--	88	--	--	4	--	2	82
Total	17,687	0	1,157	19,452	8,247	630	-620	18,402	9,665	19,727

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	11,734	323	--	--	6,164	450	-873	16,239	3,306	0
Hydrocarbon Gas Liquids	5,961	-247	-22	849	138	--	748	453	2,449	3,030
Natural Gas Liquids	5,961	-247	-22	567	122	--	746	453	2,449	2,733
Ethane	2,449	--	--	6	--	--	78	--	394	1,982
Propane	1,855	-1	--	289	74	--	305	--	1,372	540
Normal Butane	564	-15	--	286	35	--	251	50	531	38
Isobutane	423	-6	--	-13	12	--	10	228	5	173
Natural Gasoline	670	-225	-22	--	0	--	103	175	147	0
Refinery Olefins	--	--	--	282	16	--	2	--	--	297
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	286	14	--	3	--	--	297
Normal Butylene	--	--	--	-6	2	--	-4	--	--	1
Isobutylene	--	--	--	1	--	--	2	--	--	-1
Other Liquids	--	-76	1,221	--	1,258	202	-288	2,272	465	156
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,221	--	39	199	-28	1,201	129	156
Hydrogen	--	--	--	--	--	224	--	224	--	0
Biofuels (including Fuel Ethanol)	--	--	1,221	--	39	-26	-28	977	129	156
Fuel Ethanol ⁵	--	--	1,008	--	8	-26	-28	911	107	0
Biofuels (excluding Fuel Ethanol)	--	--	212	--	31	--	0	65	23	156
Biodiesel	--	--	105	--	10	--	-12	49	23	56
Renewable Diesel Fuel	--	--	97	--	21	--	13	10	NA	95
Other Biofuels ⁶	--	--	11	--	--	--	-1	7	NA	5
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	-76	--	--	485	--	22	93	295	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	733	3	-282	978	41	0
Reformulated	--	--	0	--	170	35	-24	229	0	0
Conventional	--	--	0	--	563	-32	-259	749	40	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	-1
Finished Petroleum Products	--	--	7	19,201	789	23	206	--	3,159	16,654
Finished Motor Gasoline	--	--	7	9,825	144	23	-18	--	898	9,119
Reformulated	--	--	--	3,012	--	4	0	--	--	3,016
Conventional	--	--	7	6,813	144	18	-18	--	898	6,103
Finished Aviation Gasoline	--	--	--	14	1	--	6	--	--	9
Kerosene-Type Jet Fuel	--	--	0	1,741	124	--	117	--	156	1,591
Kerosene	--	--	--	5	--	--	-6	--	5	6
Distillate Fuel Oil ⁵	--	--	0	4,988	180	--	110	--	1,182	3,876
15 ppm sulfur and under	--	--	0	4,766	167	--	100	--	970	3,863
Greater than 15 to 500 ppm sulfur	--	--	0	97	12	--	1	--	108	0
Greater than 500 ppm sulfur	--	--	--	125	1	--	10	--	104	12
Residual Fuel Oil	--	--	--	245	205	--	0	--	130	321
Less than 0.31 percent sulfur	--	--	--	36	20	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	109	24	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	100	161	--	2	--	NA	NA
Petrochemical Feedstocks	--	--	--	244	11	--	-3	--	29	229
Naphtha for Petro. Feed. Use	--	--	--	134	8	--	-3	--	--	145
Other Oils for Petro. Feed. Use	--	--	--	109	3	--	-1	--	29	84
Special Naphthas	--	--	--	38	7	--	8	--	--	37
Lubricants	--	--	--	182	49	--	0	--	119	112
Waxes	--	--	--	5	5	--	-1	--	5	5
Petroleum Coke	--	--	--	821	9	--	12	--	620	197
Marketable	--	--	--	616	9	--	12	--	620	-8
Catalyst	--	--	--	205	--	--	--	--	--	205
Asphalt and Road Oil	--	--	--	338	56	--	-21	--	13	401
Still Gas	--	--	--	668	--	--	--	--	--	668
Miscellaneous Products	--	--	--	86	--	--	1	--	2	82
Total	17,695	0	1,206	20,050	8,348	675	-207	18,963	9,379	19,840

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	11,800	362	--	--	6,474	488	-902	16,571	3,454	0
Hydrocarbon Gas Liquids	6,008	-338	-24	861	125	--	308	439	2,643	3,243
Natural Gas Liquids	6,008	-338	-24	595	112	--	304	439	2,643	2,968
Ethane	2,441	--	--	7	--	--	-129	--	460	2,118
Propane	1,869	-1	--	296	76	--	149	--	1,527	565
Normal Butane	578	-13	--	307	29	--	317	29	458	97
Isobutane	420	-5	--	-15	7	--	-15	229	5	189
Natural Gasoline	700	-320	-24	--	0	--	-17	181	193	0
Refinery Olefins	--	--	--	266	13	--	4	--	--	275
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	273	12	--	4	--	--	281
Normal Butylene	--	--	--	-8	1	--	0	--	--	-8
Isobutylene	--	--	--	1	--	--	-1	--	--	1
Other Liquids	--	-24	1,262	--	1,258	240	-30	2,120	447	200
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,262	--	29	182	-35	1,210	98	200
Hydrogen	--	--	--	--	--	235	--	235	--	0
Biofuels (including Fuel Ethanol)	--	--	1,262	--	29	-53	-34	975	98	200
Fuel Ethanol ⁵	--	--	1,043	--	--	-53	-1	913	79	0
Biofuels (excluding Fuel Ethanol)	--	--	219	--	29	--	-33	62	20	200
Biodiesel	--	--	109	--	12	--	-14	46	20	69
Renewable Diesel Fuel	--	--	98	--	18	--	-18	13	NA	121
Other Biofuels ⁶	--	--	12	--	--	--	-1	3	NA	10
Other Hydrocarbons	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	-24	--	--	508	--	-11	278	217	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	720	58	15	632	132	0
Reformulated	--	--	0	--	186	62	7	241	0	0
Conventional	--	--	0	--	534	-4	8	391	132	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	8	19,379	769	-5	-94	--	3,255	16,990
Finished Motor Gasoline	--	--	7	9,834	142	-5	-5	--	909	9,075
Reformulated	--	--	--	3,010	--	-41	0	--	--	2,969
Conventional	--	--	7	6,824	142	36	-5	--	909	6,106
Finished Aviation Gasoline	--	--	--	7	1	--	-9	--	1	17
Kerosene-Type Jet Fuel	--	--	0	1,686	127	--	-66	--	193	1,686
Kerosene	--	--	--	3	1	--	-4	--	7	1
Distillate Fuel Oil ⁵	--	--	0	5,197	117	--	54	--	1,210	4,049
15 ppm sulfur and under	--	--	0	4,983	109	--	46	--	1,015	4,031
Greater than 15 to 500 ppm sulfur	--	--	0	111	1	--	9	--	94	9
Greater than 500 ppm sulfur	--	--	--	102	7	--	-2	--	101	10
Residual Fuel Oil	--	--	--	205	232	--	-8	--	127	318
Less than 0.31 percent sulfur	--	--	--	33	9	--	4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	119	23	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	53	201	--	-11	--	NA	NA
Petrochemical Feedstocks	--	--	--	222	16	--	1	--	49	187
Naphtha for Petro. Feed. Use	--	--	--	120	13	--	4	--	--	129
Other Oils for Petro. Feed. Use	--	--	--	102	3	--	-3	--	49	58
Special Naphthas	--	--	--	34	12	--	-3	--	--	48
Lubricants	--	--	--	174	46	--	-11	--	138	93
Waxes	--	--	--	6	8	--	0	--	5	10
Petroleum Coke	--	--	--	854	9	--	35	--	596	233
Marketable	--	--	--	648	9	--	35	--	596	26
Catalyst	--	--	--	207	--	--	--	--	--	207
Asphalt and Road Oil	--	--	--	371	59	--	-81	--	18	493
Still Gas	--	--	--	691	--	--	--	--	--	691
Miscellaneous Products	--	--	--	94	--	--	3	--	2	89
Total	17,809	0	1,246	20,241	8,625	723	-718	19,130	9,798	20,433

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	11,834	402	--	--	6,597	591	-614	16,358	3,680	0
Hydrocarbon Gas Liquids	6,189	-283	-22	847	139	--	704	474	2,339	3,353
Natural Gas Liquids	6,189	-283	-22	564	122	--	696	474	2,339	3,061
Ethane	2,511	--	--	8	--	--	-76	--	415	2,180
Propane	1,910	-1	--	292	86	--	324	--	1,351	613
Normal Butane	592	-14	--	279	30	--	361	40	381	105
Isobutane	435	-5	--	-15	6	--	19	234	4	163
Natural Gasoline	741	-263	-22	--	0	--	68	200	188	0
Refinery Olefins	--	--	--	283	17	--	8	--	--	292
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	276	14	--	0	--	--	290
Normal Butylene	--	--	--	6	3	--	7	--	--	2
Isobutylene	--	--	--	0	--	--	1	--	--	-1
Other Liquids	--	-119	1,242	--	1,219	379	139	2,023	395	164
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,242	--	28	213	34	1,181	105	165
Hydrogen	--	--	--	--	--	224	--	224	--	0
Biofuels (including Fuel Ethanol)	--	--	1,242	--	28	-12	34	956	105	165
Fuel Ethanol ⁵	--	--	1,016	--	--	-12	26	894	84	0
Biofuels (excluding Fuel Ethanol)	--	--	226	--	28	--	8	62	20	165
Biodiesel	--	--	113	--	9	--	-5	44	20	63
Renewable Diesel Fuel	--	--	100	--	19	--	13	12	NA	93
Other Biofuels ⁶	--	--	14	--	--	--	0	6	NA	8
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	-119	--	--	640	--	-40	338	223	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	551	166	145	504	68	0
Reformulated	--	--	0	--	88	172	-15	275	0	0
Conventional	--	--	0	--	463	-6	160	229	68	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	8	19,108	788	-154	81	--	3,260	16,408
Finished Motor Gasoline	--	--	7	9,580	130	-154	-12	--	763	8,812
Reformulated	--	--	--	2,930	--	-170	0	--	--	2,760
Conventional	--	--	7	6,650	130	16	-12	--	763	6,051
Finished Aviation Gasoline	--	--	--	10	0	--	2	--	--	9
Kerosene-Type Jet Fuel	--	--	0	1,724	139	--	60	--	200	1,603
Kerosene	--	--	--	9	--	--	5	--	1	3
Distillate Fuel Oil ⁵	--	--	0	5,124	170	--	41	--	1,532	3,722
15 ppm sulfur and under	--	--	0	4,885	168	--	79	--	1,338	3,637
Greater than 15 to 500 ppm sulfur	--	--	0	101	1	--	-12	--	98	17
Greater than 500 ppm sulfur	--	--	--	138	1	--	-25	--	97	68
Residual Fuel Oil	--	--	--	217	161	--	-2	--	68	312
Less than 0.31 percent sulfur	--	--	--	44	--	--	3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	117	17	--	-9	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	57	144	--	4	--	NA	NA
Petrochemical Feedstocks	--	--	--	246	19	--	3	--	46	216
Naphtha for Petro. Feed. Use	--	--	--	128	15	--	1	--	--	141
Other Oils for Petro. Feed. Use	--	--	--	119	4	--	2	--	46	75
Special Naphthas	--	--	--	33	15	--	-2	--	--	51
Lubricants	--	--	--	165	56	--	25	--	149	46
Waxes	--	--	--	6	7	--	0	--	5	8
Petroleum Coke	--	--	--	833	14	--	-6	--	484	371
Marketable	--	--	--	628	14	--	-6	--	484	165
Catalyst	--	--	--	206	--	--	--	--	--	206
Asphalt and Road Oil	--	--	--	364	77	--	-34	--	11	465
Still Gas	--	--	--	703	--	--	--	--	--	703
Miscellaneous Products	--	--	--	92	--	--	1	--	2	89
Total	18,023	0	1,228	19,955	8,744	815	309	18,854	9,675	19,926

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	11,985	443	--	--	6,333	352	-879	16,428	3,564	0
Hydrocarbon Gas Liquids	6,061	-323	-23	800	163	--	717	487	2,478	2,996
Natural Gas Liquids	6,061	-323	-23	544	149	--	725	487	2,478	2,717
Ethane	2,375	--	--	6	--	--	82	--	450	1,849
Propane	1,923	-1	--	294	87	--	280	--	1,461	563
Normal Butane	583	-14	--	258	49	--	305	55	380	136
Isobutane	439	-5	--	-15	12	--	19	233	10	169
Natural Gasoline	741	-304	-23	--	0	--	38	199	178	0
Refinery Olefins	--	--	--	256	15	--	-8	--	--	279
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	263	14	--	-4	--	--	281
Normal Butylene	--	--	--	-7	1	--	-3	--	--	-3
Isobutylene	--	--	--	0	--	--	0	--	--	0
Other Liquids	--	-120	1,204	--	1,122	132	-409	2,205	359	183
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,204	--	40	180	-53	1,205	89	183
Hydrogen	--	--	--	--	--	222	--	222	--	0
Biofuels (including Fuel Ethanol)	--	--	1,204	--	40	-42	-53	983	89	183
Fuel Ethanol ⁵	--	--	985	--	14	-42	-22	918	62	0
Biofuels (excluding Fuel Ethanol)	--	--	219	--	26	--	-31	66	27	183
Biodiesel	--	--	114	--	12	--	-11	46	27	64
Renewable Diesel Fuel	--	--	91	--	14	--	-19	12	NA	112
Other Biofuels ⁶	--	--	14	--	0	--	0	8	NA	8
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	-120	--	--	450	--	-39	165	204	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	631	-48	-316	834	66	0
Reformulated	--	--	0	--	172	99	-78	349	0	0
Conventional	--	--	0	--	459	-147	-239	485	66	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	0
Finished Petroleum Products	--	--	8	19,330	749	90	-255	--	3,346	17,086
Finished Motor Gasoline	--	--	8	9,872	94	90	9	--	940	9,115
Reformulated	--	--	--	3,017	--	-51	0	--	--	2,965
Conventional	--	--	8	6,855	94	141	9	--	940	6,150
Finished Aviation Gasoline	--	--	--	14	0	--	-4	--	--	18
Kerosene-Type Jet Fuel	--	--	0	1,683	85	--	-91	--	206	1,654
Kerosene	--	--	--	13	--	--	-1	--	15	0
Distillate Fuel Oil ⁵	--	--	0	5,142	176	--	17	--	1,361	3,940
15 ppm sulfur and under	--	--	0	4,929	166	--	4	--	1,151	3,939
Greater than 15 to 500 ppm sulfur	--	--	0	100	10	--	-1	--	111	0
Greater than 500 ppm sulfur	--	--	--	114	0	--	14	--	98	1
Residual Fuel Oil	--	--	--	274	192	--	-19	--	109	376
Less than 0.31 percent sulfur	--	--	--	43	33	--	3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	116	25	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	115	134	--	-20	--	NA	NA
Petrochemical Feedstocks	--	--	--	213	15	--	-3	--	28	204
Naphtha for Petro. Feed. Use	--	--	--	109	13	--	2	--	--	119
Other Oils for Petro. Feed. Use	--	--	--	104	3	--	-5	--	28	84
Special Naphthas	--	--	--	32	36	--	-2	--	--	69
Lubricants	--	--	--	131	55	--	-19	--	71	134
Waxes	--	--	--	7	5	--	0	--	5	7
Petroleum Coke	--	--	--	821	12	--	-37	--	585	285
Marketable	--	--	--	616	12	--	-37	--	585	80
Catalyst	--	--	--	205	--	--	--	--	--	205
Asphalt and Road Oil	--	--	--	352	78	--	-104	--	24	510
Still Gas	--	--	--	685	--	--	--	--	--	685
Miscellaneous Products	--	--	--	90	--	--	0	--	2	88
Total	18,046	0	1,189	20,130	8,367	574	-826	19,119	9,747	20,265

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	12,325	429	--	--	6,269	185	-648	16,141	3,716	0
Hydrocarbon Gas Liquids	6,154	-312	-21	611	148	--	431	607	2,381	3,160
Natural Gas Liquids	6,154	-312	-21	370	137	--	400	607	2,381	2,939
Ethane	2,387	--	--	6	--	--	70	--	391	1,932
Propane	1,977	-1	--	283	91	--	305	--	1,299	746
Normal Butane	596	-14	--	95	40	--	-29	187	475	84
Isobutane	446	-6	--	-14	7	--	13	237	6	177
Natural Gasoline	748	-292	-21	--	0	--	42	183	210	0
Refinery Olefins	--	--	--	241	11	--	31	--	--	221
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	252	8	--	0	--	--	261
Normal Butylene	--	--	--	-14	2	--	33	--	--	-45
Isobutylene	--	--	--	2	--	--	-2	--	--	4
Other Liquids	--	-117	1,139	--	922	218	-422	2,001	412	170
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,139	--	24	230	-63	1,192	93	170
Hydrogen	--	--	--	--	--	222	--	222	--	0
Biofuels (including Fuel Ethanol)	--	--	1,139	--	24	7	-63	970	93	170
Fuel Ethanol ⁵	--	--	902	--	--	7	-66	904	71	0
Biofuels (excluding Fuel Ethanol)	--	--	236	--	24	--	2	66	21	170
Biodiesel	--	--	112	--	14	--	-2	46	21	60
Renewable Diesel Fuel	--	--	110	--	10	--	5	14	NA	101
Other Biofuels ⁶	--	--	15	--	--	--	0	5	NA	10
Other Hydrocarbons	--	--	--	--	--	1	0	0	--	0
Unfinished Oils	--	-117	--	--	442	--	-137	222	239	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	456	-13	-222	586	80	0
Reformulated	--	--	0	--	151	280	-114	544	0	0
Conventional	--	--	0	--	306	-293	-108	42	80	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	--	8	19,221	691	5	-220	--	3,345	16,800
Finished Motor Gasoline	--	--	7	9,760	121	5	20	--	1,028	8,847
Reformulated	--	--	--	3,009	--	-270	0	--	--	2,738
Conventional	--	--	7	6,751	121	275	20	--	1,028	6,108
Finished Aviation Gasoline	--	--	--	12	1	--	2	--	--	11
Kerosene-Type Jet Fuel	--	--	0	1,601	81	--	-63	--	212	1,534
Kerosene	--	--	--	12	--	--	-4	--	12	3
Distillate Fuel Oil ⁵	--	--	0	5,183	127	--	-86	--	1,309	4,087
15 ppm sulfur and under	--	--	0	4,954	126	--	-123	--	1,159	4,045
Greater than 15 to 500 ppm sulfur	--	--	0	82	0	--	0	--	42	40
Greater than 500 ppm sulfur	--	--	--	148	0	--	37	--	109	2
Residual Fuel Oil	--	--	--	296	196	--	-41	--	68	465
Less than 0.31 percent sulfur	--	--	--	47	5	--	-26	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	121	18	--	-14	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	128	174	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	218	16	--	-1	--	50	185
Naphtha for Petro. Feed. Use	--	--	--	112	13	--	-4	--	--	129
Other Oils for Petro. Feed. Use	--	--	--	106	3	--	3	--	50	56
Special Naphthas	--	--	--	30	23	--	1	--	--	52
Lubricants	--	--	--	155	50	--	32	--	74	99
Waxes	--	--	--	5	6	--	1	--	5	6
Petroleum Coke	--	--	--	809	9	--	-26	--	570	273
Marketable	--	--	--	608	9	--	-26	--	570	72
Catalyst	--	--	--	201	--	--	--	--	--	201
Asphalt and Road Oil	--	--	--	373	60	--	-54	--	15	472
Still Gas	--	--	--	676	--	--	--	--	--	676
Miscellaneous Products	--	--	--	91	--	--	-1	--	2	89
Total	18,479	0	1,126	19,832	8,029	408	-859	18,750	9,854	20,129

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	12,378	589	--	--	6,239	341	-231	15,776	4,002	0
Hydrocarbon Gas Liquids	6,168	-469	-23	404	175	--	-22	650	2,402	3,225
Natural Gas Liquids	6,168	-469	-23	186	166	--	-4	650	2,402	2,979
Ethane	2,459	--	--	5	--	--	18	--	431	2,016
Propane	1,958	-1	--	274	119	--	153	--	1,439	758
Normal Butane	581	-15	--	-76	41	--	-198	277	421	31
Isobutane	455	-6	--	-17	6	--	31	226	6	175
Natural Gasoline	714	-448	-23	--	0	--	-8	147	105	0
Refinery Olefins	--	--	--	219	9	--	-18	--	--	246
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	224	6	--	-2	--	--	232
Normal Butylene	--	--	--	-8	3	--	-16	--	--	12
Isobutylene	--	--	--	2	--	--	0	--	--	2
Other Liquids	--	-120	1,241	--	1,033	338	150	1,807	339	198
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,241	--	42	169	-7	1,180	81	198
Hydrogen	--	--	--	--	--	218	--	218	--	0
Biofuels (including Fuel Ethanol)	--	--	1,241	--	42	-49	-7	962	81	198
Fuel Ethanol ⁵	--	--	1,014	--	6	-49	5	901	66	0
Biofuels (excluding Fuel Ethanol)	--	--	227	--	36	--	-12	61	15	198
Biodiesel	--	--	112	--	21	--	2	43	15	72
Renewable Diesel Fuel	--	--	99	--	15	--	-15	13	NA	116
Other Biofuels ⁶	--	--	15	--	--	--	0	5	NA	11
Other Hydrocarbons	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	-120	--	--	568	--	92	147	210	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	424	169	66	479	48	0
Reformulated	--	--	0	--	131	253	-22	406	0	0
Conventional	--	--	0	--	292	-84	88	73	48	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	0
Finished Petroleum Products	--	--	8	18,842	697	-120	10	--	2,833	16,584
Finished Motor Gasoline	--	--	7	9,654	79	-120	-36	--	849	8,807
Reformulated	--	--	--	2,996	--	-223	0	--	--	2,773
Conventional	--	--	7	6,658	79	103	-36	--	849	6,034
Finished Aviation Gasoline	--	--	--	13	1	--	2	--	--	12
Kerosene-Type Jet Fuel	--	--	0	1,568	131	--	-2	--	143	1,558
Kerosene	--	--	--	16	--	--	7	--	9	1
Distillate Fuel Oil ⁵	--	--	0	5,077	106	--	-1	--	1,021	4,163
15 ppm sulfur and under	--	--	0	4,886	105	--	18	--	852	4,122
Greater than 15 to 500 ppm sulfur	--	--	0	85	0	--	5	--	76	4
Greater than 500 ppm sulfur	--	--	--	106	0	--	-24	--	94	36
Residual Fuel Oil	--	--	--	253	204	--	85	--	95	277
Less than 0.31 percent sulfur	--	--	--	45	14	--	10	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	117	47	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	91	142	--	72	--	NA	NA
Petrochemical Feedstocks	--	--	--	205	11	--	-3	--	12	206
Naphtha for Petro. Feed. Use	--	--	--	108	9	--	0	--	--	117
Other Oils for Petro. Feed. Use	--	--	--	97	2	--	-3	--	12	89
Special Naphthas	--	--	--	28	16	--	-1	--	--	45
Lubricants	--	--	--	142	71	--	5	--	78	130
Waxes	--	--	--	4	6	--	1	--	4	5
Petroleum Coke	--	--	--	787	12	--	-1	--	608	192
Marketable	--	--	--	597	12	--	-1	--	608	3
Catalyst	--	--	--	190	--	--	--	--	--	190
Asphalt and Road Oil	--	--	--	355	60	--	-49	--	12	453
Still Gas	--	--	--	652	--	--	--	--	--	652
Miscellaneous Products	--	--	--	87	--	--	3	--	2	82
Total	18,545	0	1,225	19,246	8,145	560	-93	18,232	9,575	20,007

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

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Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	12,376	478	--	--	6,253	342	-1,107	16,450	4,105	0
Hydrocarbon Gas Liquids	6,139	-345	-25	338	195	--	-229	738	2,372	3,423
Natural Gas Liquids	6,139	-345	-25	111	178	--	-223	738	2,372	3,172
Ethane	2,531	--	--	6	--	--	136	--	437	1,963
Propane	1,928	-1	--	288	133	--	32	--	1,330	986
Normal Butane	560	-16	--	-163	40	--	-370	330	424	36
Isobutane	449	-6	--	-20	5	--	0	237	4	187
Natural Gasoline	671	-321	-25	--	0	--	-22	170	177	0
Refinery Olefins	--	--	--	228	17	--	-5	--	--	251
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	234	11	--	5	--	--	240
Normal Butylene	--	--	--	-7	7	--	-9	--	--	8
Isobutylene	--	--	--	0	--	--	-1	--	--	2
Other Liquids	--	-133	1,298	--	1,066	189	434	1,436	360	190
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,298	--	70	177	104	1,179	71	190
Hydrogen	--	--	--	--	--	227	--	227	--	0
Biofuels (including Fuel Ethanol)	--	--	1,298	--	70	-51	104	952	71	190
Fuel Ethanol ⁵	--	--	1,053	--	17	-51	62	893	64	0
Biofuels (excluding Fuel Ethanol)	--	--	245	--	53	--	42	59	7	190
Biodiesel	--	--	113	--	30	--	11	41	7	83
Renewable Diesel Fuel	--	--	116	--	23	--	28	15	NA	95
Other Biofuels ⁶	--	--	17	--	--	--	2	3	NA	12
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	-133	--	--	527	--	-33	200	226	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	469	13	362	56	63	0
Reformulated	--	--	0	--	145	339	149	334	0	0
Conventional	--	--	0	--	325	-326	213	-277	63	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	-1
Finished Petroleum Products	--	--	7	19,309	827	38	438	--	3,141	16,601
Finished Motor Gasoline	--	--	7	9,682	99	38	1	--	998	8,827
Reformulated	--	--	--	2,971	--	-291	0	--	--	2,680
Conventional	--	--	7	6,711	99	329	1	--	998	6,147
Finished Aviation Gasoline	--	--	--	11	1	--	-1	--	--	13
Kerosene-Type Jet Fuel	--	--	0	1,659	144	--	45	--	173	1,584
Kerosene	--	--	--	31	--	--	25	--	1	5
Distillate Fuel Oil ⁵	--	--	0	5,338	228	--	337	--	1,169	4,059
15 ppm sulfur and under	--	--	0	5,115	227	--	322	--	968	4,052
Greater than 15 to 500 ppm sulfur	--	--	0	104	1	--	3	--	99	2
Greater than 500 ppm sulfur	--	--	--	120	0	--	13	--	102	5
Residual Fuel Oil	--	--	--	219	250	--	-22	--	132	359
Less than 0.31 percent sulfur	--	--	--	44	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	119	73	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	56	177	--	-18	--	NA	NA
Petrochemical Feedstocks	--	--	--	226	11	--	5	--	51	181
Naphtha for Petro. Feed. Use	--	--	--	137	8	--	1	--	--	144
Other Oils for Petro. Feed. Use	--	--	--	88	3	--	4	--	51	37
Special Naphthas	--	--	--	31	6	--	2	--	--	34
Lubricants	--	--	--	155	32	--	1	--	79	107
Waxes	--	--	--	4	5	--	1	--	4	5
Petroleum Coke	--	--	--	831	1	--	12	--	517	303
Marketable	--	--	--	638	1	--	12	--	517	110
Catalyst	--	--	--	193	--	--	--	--	--	193
Asphalt and Road Oil	--	--	--	361	52	--	30	--	15	369
Still Gas	--	--	--	669	--	--	--	--	--	669
Miscellaneous Products	--	--	--	91	--	--	4	--	2	85
Total	18,515	0	1,280	19,647	8,342	570	-463	18,624	9,979	20,214

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	12,138	374	--	--	5,999	543	-94	15,377	3,771	0
Hydrocarbon Gas Liquids	5,600	-317	-22	337	195	--	-807	725	2,556	3,319
Natural Gas Liquids	5,600	-317	-22	118	179	--	-802	725	2,556	3,080
Ethane	2,199	--	--	5	--	--	-105	--	483	1,826
Propane	1,819	-1	--	262	138	--	-356	--	1,470	1,104
Normal Butane	526	-17	--	-138	35	--	-311	327	427	-37
Isobutane	430	-6	--	-12	7	--	7	218	6	187
Natural Gasoline	628	-293	-22	--	0	--	-38	181	170	0
Refinery Olefins	--	--	--	219	16	--	-4	--	--	239
Ethylene	--	--	--	1	--	--	0	--	--	1
Propylene	--	--	--	229	14	--	5	--	--	237
Normal Butylene	--	--	--	-12	2	--	-10	--	--	0
Isobutylene	--	--	--	0	--	--	0	--	--	0
Other Liquids	--	-57	1,208	--	1,046	174	192	1,576	416	186
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,208	--	51	190	45	1,148	69	187
Hydrogen	--	--	--	--	--	213	--	213	--	0
Biofuels (including Fuel Ethanol)	--	--	1,208	--	51	-23	45	934	69	187
Fuel Ethanol ⁵	--	--	969	--	--	-23	22	870	54	0
Biofuels (excluding Fuel Ethanol)	--	--	238	--	51	--	24	64	15	187
Biodiesel	--	--	102	--	27	--	12	41	15	61
Renewable Diesel Fuel	--	--	117	--	22	--	10	13	NA	115
Other Biofuels ⁶	--	--	20	--	2	--	1	10	NA	10
Other Hydrocarbons	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	-57	--	--	452	--	71	107	218	0
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	--	0	--	543	-16	76	321	129	0
Reformulated	--	--	0	--	179	423	75	527	0	0
Conventional	--	--	0	--	364	-439	1	-206	129	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	6	18,326	786	40	45	--	3,291	15,822
Finished Motor Gasoline	--	--	6	9,415	98	40	22	--	941	8,596
Reformulated	--	--	--	2,937	--	-378	0	--	--	2,558
Conventional	--	--	6	6,479	98	418	22	--	941	6,038
Finished Aviation Gasoline	--	--	--	13	4	--	6	--	--	11
Kerosene-Type Jet Fuel	--	--	0	1,562	121	--	-89	--	180	1,593
Kerosene	--	--	--	28	3	--	10	--	16	6
Distillate Fuel Oil ⁵	--	--	0	4,873	211	--	-55	--	1,346	3,793
15 ppm sulfur and under	--	--	0	4,658	208	--	-23	--	1,134	3,755
Greater than 15 to 500 ppm sulfur	--	--	0	106	3	--	-10	--	111	9
Greater than 500 ppm sulfur	--	--	--	109	0	--	-21	--	101	30
Residual Fuel Oil	--	--	--	272	184	--	44	--	139	273
Less than 0.31 percent sulfur	--	--	--	41	--	--	21	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	106	24	--	-15	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	125	160	--	38	--	NA	NA
Petrochemical Feedstocks	--	--	--	188	26	--	-6	--	23	197
Naphtha for Petro. Feed. Use	--	--	--	109	22	--	-1	--	--	133
Other Oils for Petro. Feed. Use	--	--	--	78	4	--	-4	--	23	64
Special Naphthas	--	--	--	22	11	--	-1	--	--	34
Lubricants	--	--	--	152	52	--	44	--	55	105
Waxes	--	--	--	3	5	--	0	--	3	4
Petroleum Coke	--	--	--	781	9	--	-1	--	564	227
Marketable	--	--	--	597	9	--	-1	--	564	42
Catalyst	--	--	--	185	--	--	--	--	--	185
Asphalt and Road Oil	--	--	--	291	61	--	72	--	24	256
Still Gas	--	--	--	642	--	--	--	--	--	642
Miscellaneous Products	--	--	--	86	--	--	-2	--	1	86
Total	17,739	0	1,191	18,664	8,026	757	-664	17,678	10,035	19,327

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁶ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,782	1,094	--	--	16,109	2,769	1,136	-360	21,529	1,721	0	7,035
Hydrocarbon Gas Liquids	18,637	-1,141	-9	197	2,526	3,497	--	-2,240	1,585	5,934	18,428	8,063
Natural Gas Liquids	18,637	-1,141	-9	-214	2,232	3,186	--	-2,257	1,585	5,934	17,429	7,787
Ethane	7,320	--	--	--	--	-4,811	--	104	--	2,049	356	788
Propane	6,600	--	--	372	2,185	7,136	--	-2,108	--	3,335	15,066	5,412
Normal Butane	2,055	--	--	-560	27	1,359	--	-199	1,096	445	1,538	1,244
Isobutane	851	--	--	-26	20	-263	--	-25	138	1	468	111
Natural Gasoline	1,811	-1,141	-9	--	--	-235	--	-29	351	104	0	232
Refinery Olefins	--	--	--	411	294	311	--	17	--	--	999	276
Ethylene	--	--	--	11	--	--	--	--	--	--	11	--
Propylene	--	--	--	350	294	311	--	-44	--	--	999	102
Normal Butylene	--	--	--	2	--	--	--	44	--	--	-42	128
Isobutylene	--	--	--	48	--	--	--	17	--	--	31	46
Other Liquids	--	47	496	--	11,605	63,963	5,327	5,800	75,379	202	58	75,360
Hydrogen/Biofuels/Other Hydrocarbons	--	--	496	--	247	10,546	-127	1,592	9,408	105	58	8,666
Hydrogen	--	--	--	--	--	--	109	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	496	--	247	10,546	-236	1,592	9,299	105	58	8,666
Fuel Ethanol ⁶	--	--	342	--	--	10,261	-236	1,374	8,891	102	0	7,401
Biofuels (excluding Fuel Ethanol) ⁷	--	--	154	--	247	286	--	218	408	3	58	1,265
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	47	--	--	1,859	-21	--	214	1,651	20	0	3,786
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	9,499	53,438	5,454	3,994	64,320	77	0	62,908
Reformulated	--	--	--	--	4,505	6,648	-90	-454	11,516	1	0	18,929
Conventional	--	--	--	--	4,994	46,790	5,544	4,448	52,804	76	0	43,979
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	99,536	10,500	45,681	-5,218	-9,036	--	1,560	157,976	61,524
Finished Motor Gasoline	--	--	--	86,585	1,218	3,900	-5,218	-283	--	40	86,728	2,633
Reformulated	--	--	--	32,186	--	--	-764	-2	--	--	31,424	4
Conventional	--	--	--	54,399	1,218	3,900	-4,454	-281	--	40	55,304	2,629
Finished Aviation Gasoline	--	--	--	--	--	31	--	2	--	--	29	249
Kerosene-Type Jet Fuel	--	--	--	2,206	933	12,194	--	-583	--	16	15,900	8,574
Kerosene	--	--	--	28	--	68	--	-514	--	0	610	1,300
Distillate Fuel Oil ⁶	--	--	1	6,254	6,225	27,969	--	-8,881	--	484	48,846	35,701
15 ppm sulfur and under	--	--	1	6,409	6,225	26,946	--	-8,363	--	480	47,464	32,779
Greater than 15 to 500 ppm sulfur	--	--	--	4	--	--	--	-194	--	--	198	841
Greater than 500 ppm sulfur	--	--	--	-159	--	1,023	--	-324	--	4	1,184	2,081
Residual Fuel Oil	--	--	--	1,490	1,242	92	--	-287	--	627	2,484	4,254
Less than 0.31 percent sulfur	--	--	--	-27	--	--	--	93	--	NA	NA	400
0.31 to 1.00 percent sulfur	--	--	--	1,040	515	--	--	30	--	NA	NA	1,323
Greater than 1.00 percent sulfur	--	--	--	477	727	92	--	-410	--	NA	NA	2,531
Petrochemical Feedstocks	--	--	--	--	73	--	--	--	--	--	73	--
Naphtha for Petro. Feed. Use	--	--	--	--	73	--	--	--	--	--	73	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	2	101	--	--	-9	--	--	112	19
Lubricants	--	--	--	404	89	541	--	82	--	148	804	1,577
Waxes	--	--	--	-9	87	--	--	-3	--	80	1	232
Petroleum Coke	--	--	--	652	4	69	--	--	--	87	639	--
Marketable	--	--	--	207	4	69	--	--	--	87	194	--
Catalyst	--	--	--	445	--	--	--	--	--	--	445	--
Asphalt and Road Oil	--	--	--	970	528	817	--	1,458	--	64	793	6,936
Still Gas	--	--	--	861	--	--	--	--	--	--	861	--
Miscellaneous Products	--	--	--	93	--	--	--	-18	--	15	96	49
Total	20,419	0	489	99,733	40,740	115,910	1,245	-5,836	98,493	9,418	176,462	151,982

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,649	1,695	--	--	16,409	2,102	-1,289	788	18,318	1,459	0	7,823
Hydrocarbon Gas Liquids	16,705	-1,056	-8	185	2,648	2,520	--	-1,809	1,505	6,220	15,079	6,254
Natural Gas Liquids	16,705	-1,056	-8	-97	2,358	2,306	--	-1,729	1,505	6,220	14,213	6,058
Ethane	6,594	--	--	--	--	-4,468	--	-8	--	2,460	-326	780
Propane	5,954	--	--	331	2,300	6,092	--	-1,629	--	3,135	13,171	3,783
Normal Butane	1,795	--	--	-387	39	1,211	--	-78	1,139	553	1,044	1,166
Isobutane	791	--	--	-41	19	-306	--	12	126	1	324	123
Natural Gasoline	1,571	-1,056	-8	--	--	-223	--	-26	240	70	0	206
Refinery Olefins	--	--	--	282	290	214	--	-80	--	--	866	196
Ethylene	--	--	--	12	--	--	--	--	--	--	12	--
Propylene	--	--	--	261	290	214	--	-20	--	--	785	82
Normal Butylene	--	--	--	-3	--	--	--	-21	--	--	18	107
Isobutylene	--	--	--	12	--	--	--	-39	--	--	51	7
Other Liquids	--	-639	452	--	13,382	53,944	6,899	-4,815	78,285	357	211	70,545
Hydrogen/Biofuels/Other Hydrocarbons	--	--	452	--	66	7,176	2,258	-62	9,468	335	211	8,604
Hydrogen	--	--	--	--	--	--	107	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	452	--	66	7,176	2,151	-62	9,361	335	211	8,604
Fuel Ethanol ⁶	--	--	327	--	--	6,998	2,151	237	8,904	335	0	7,638
Biofuels (excluding Fuel Ethanol) ⁷	--	--	125	--	66	178	--	-299	457	0	211	966
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-639	--	--	1,569	29	--	-561	1,503	17	0	3,225
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	11,747	46,739	4,640	-4,192	67,314	4	0	58,716
Reformulated	--	--	--	--	5,428	6,440	449	-1,325	13,641	1	0	17,604
Conventional	--	--	--	--	6,319	40,299	4,191	-2,867	53,673	3	0	41,112
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	98,756	15,796	44,276	-6,792	-593	--	2,177	150,453	60,931
Finished Motor Gasoline	--	--	--	87,300	581	3,402	-6,792	535	--	46	83,910	3,168
Reformulated	--	--	--	32,416	--	--	-441	1	--	--	31,974	5
Conventional	--	--	--	54,884	581	3,402	-6,351	534	--	46	51,936	3,163
Finished Aviation Gasoline	--	--	--	--	--	125	--	-38	--	--	163	211
Kerosene-Type Jet Fuel	--	--	--	2,118	906	12,219	--	429	--	22	14,792	9,003
Kerosene	--	--	--	-29	--	68	--	-311	--	1	349	989
Distillate Fuel Oil ⁶	--	--	1	5,773	10,101	26,481	--	-2,883	--	774	44,465	32,818
15 ppm sulfur and under	--	--	1	5,955	10,037	25,441	--	-2,127	--	767	42,794	30,652
Greater than 15 to 500 ppm sulfur	--	--	--	-13	2	--	--	-199	--	0	188	642
Greater than 500 ppm sulfur	--	--	--	-169	62	1,040	--	-557	--	7	1,483	1,524
Residual Fuel Oil	--	--	--	985	3,000	80	--	448	--	32	3,585	4,702
Less than 0.31 percent sulfur	--	--	--	-33	--	--	--	61	--	NA	NA	461
0.31 to 1.00 percent sulfur	--	--	--	778	1,357	--	--	-38	--	NA	NA	1,285
Greater than 1.00 percent sulfur	--	--	--	240	1,643	80	--	425	--	NA	NA	2,956
Petrochemical Feedstocks	--	--	--	--	2	--	--	--	--	235	-233	--
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1	--
Other Oils for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	235	-234	--
Special Naphthas	--	--	--	9	2	--	--	2	--	--	9	21
Lubricants	--	--	--	337	124	447	--	-28	--	198	738	1,549
Waxes	--	--	--	-7	67	--	--	1	--	79	-20	233
Petroleum Coke	--	--	--	565	3	532	--	--	--	646	455	--
Marketable	--	--	--	208	3	532	--	--	--	646	98	--
Catalyst	--	--	--	357	--	--	--	--	--	--	357	--
Asphalt and Road Oil	--	--	--	869	1,010	921	--	1,253	--	126	1,422	8,189
Still Gas	--	--	--	746	--	--	--	--	--	--	746	--
Miscellaneous Products	--	--	--	90	--	--	--	-1	--	19	72	48
Total	18,354	0	444	98,941	48,235	102,842	-1,182	-6,429	98,108	10,212	165,743	145,553

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,992	2,111	--	--	14,437	4,191	-3,065	-839	19,790	714	0	6,984
Hydrocarbon Gas Liquids	19,234	-1,179	-9	481	1,639	2,815	--	1,013	1,534	5,775	14,659	7,267
Natural Gas Liquids	19,234	-1,179	-9	18	1,287	2,448	--	976	1,534	5,775	13,514	7,034
Ethane	7,626	--	--	--	--	-4,937	--	332	--	2,161	196	1,112
Propane	6,785	--	--	374	1,201	6,358	--	220	--	2,912	11,586	4,003
Normal Butane	2,081	--	--	-255	67	1,476	--	408	1,142	613	1,206	1,574
Isobutane	912	--	--	-101	19	-214	--	25	65	0	526	148
Natural Gasoline	1,830	-1,179	-9	--	--	-235	--	-9	327	89	0	197
Refinery Olefins	--	--	--	463	352	367	--	37	--	--	1,145	233
Ethylene	--	--	--	13	--	--	--	--	--	--	13	--
Propylene	--	--	--	385	352	367	--	21	--	--	1,083	103
Normal Butylene	--	--	--	1	--	--	--	-3	--	--	4	104
Isobutylene	--	--	--	64	--	--	--	19	--	--	45	26
Other Liquids	--	-932	488	--	14,017	61,832	9,641	-2,695	87,551	147	44	67,850
Hydrogen/Biofuels/Other Hydrocarbons	--	--	488	--	449	9,124	1,529	933	10,486	128	44	9,537
Hydrogen	--	--	--	--	--	--	108	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	488	--	449	9,124	1,421	933	10,378	128	44	9,537
Fuel Ethanol ⁶	--	--	351	--	--	8,835	1,421	573	9,931	103	0	8,211
Biofuels (excluding Fuel Ethanol) ⁷	--	--	137	--	449	289	--	360	447	25	44	1,326
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-932	--	--	2,134	60	--	574	674	14	0	3,799
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	11,434	52,648	8,112	-4,202	76,391	5	0	54,514
Reformulated	--	--	--	--	3,905	7,394	1,811	-1,620	14,728	2	0	15,984
Conventional	--	--	--	--	7,529	45,254	6,301	-2,582	61,663	3	0	38,530
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	109,544	10,064	43,620	-9,533	-7,653	--	3,396	157,952	53,278
Finished Motor Gasoline	--	--	--	97,423	1,467	3,465	-9,533	-698	--	33	93,487	2,470
Reformulated	--	--	--	35,651	--	--	-2,314	0	--	--	33,337	5
Conventional	--	--	--	61,772	1,467	3,465	-7,219	-698	--	33	60,150	2,465
Finished Aviation Gasoline	--	--	--	--	40	37	--	-26	--	--	103	185
Kerosene-Type Jet Fuel	--	--	--	2,217	1,396	12,914	--	-1,667	--	24	18,170	7,336
Kerosene	--	--	--	31	--	36	--	-173	--	4	236	816
Distillate Fuel Oil ⁶	--	--	1	6,070	4,735	24,978	--	-5,314	--	1,997	39,100	27,504
15 ppm sulfur and under	--	--	1	6,279	4,733	24,140	--	-5,164	--	1,347	38,969	25,488
Greater than 15 to 500 ppm sulfur	--	--	--	76	2	1	--	8	--	451	-380	650
Greater than 500 ppm sulfur	--	--	--	-285	--	837	--	-158	--	199	511	1,366
Residual Fuel Oil	--	--	--	1,288	1,391	--	--	-235	--	14	2,900	4,467
Less than 0.31 percent sulfur	--	--	--	-22	--	--	--	-97	--	NA	NA	364
0.31 to 1.00 percent sulfur	--	--	--	950	--	--	--	-424	--	NA	NA	861
Greater than 1.00 percent sulfur	--	--	--	360	1,391	--	--	286	--	NA	NA	3,242
Petrochemical Feedstocks	--	--	--	--	10	--	--	--	--	--	10	--
Naphtha for Petro. Feed. Use	--	--	--	--	10	--	--	--	--	--	10	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	12	3	--	--	10	--	--	5	31
Lubricants	--	--	--	335	194	540	--	-208	--	288	989	1,341
Waxes	--	--	--	-13	85	--	--	-6	--	77	1	227
Petroleum Coke	--	--	--	704	1	369	--	--	--	876	197	--
Marketable	--	--	--	288	1	369	--	--	--	876	-219	--
Catalyst	--	--	--	416	--	--	--	--	--	--	416	--
Asphalt and Road Oil	--	--	--	532	742	1,281	--	652	--	63	1,840	8,841
Still Gas	--	--	--	850	--	--	--	--	--	--	850	--
Miscellaneous Products	--	--	--	95	--	--	--	12	--	19	64	60
Total	21,226	0	479	110,025	40,157	112,459	-2,957	-10,174	108,875	10,032	172,655	135,379

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,842	1,256	--	--	17,021	3,269	-783	755	20,388	1,462	0	7,739
Hydrocarbon Gas Liquids	18,809	-1,139	-8	754	1,032	1,609	--	-849	1,192	9,721	10,993	6,418
Natural Gas Liquids	18,809	-1,139	-8	339	703	1,207	--	-792	1,192	9,721	9,789	6,242
Ethane	7,598	--	--	--	--	-5,679	--	-106	--	1,867	158	1,006
Propane	6,531	--	--	377	579	5,997	--	-770	--	5,814	8,440	3,233
Normal Butane	2,030	--	--	149	67	1,507	--	80	762	1,957	953	1,654
Isobutane	855	--	--	-187	57	-366	--	-26	147	1	237	122
Natural Gasoline	1,795	-1,139	-8	--	--	-252	--	30	283	82	0	227
Refinery Olefins	--	--	--	415	329	403	--	-57	--	--	1,204	176
Ethylene	--	--	--	21	--	--	--	--	--	--	21	--
Propylene	--	--	--	355	329	403	--	11	--	--	1,076	114
Normal Butylene	--	--	--	2	--	--	--	-54	--	--	56	50
Isobutylene	--	--	--	37	--	--	--	-14	--	--	51	12
Other Liquids	--	-117	425	--	14,221	56,931	9,879	-4,481	85,056	336	428	63,369
Hydrogen/Biofuels/Other Hydrocarbons	--	--	425	--	446	7,104	2,128	-671	10,206	140	428	8,866
Hydrogen	--	--	--	--	--	--	120	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	425	--	446	7,104	2,008	-671	10,086	140	428	8,866
Fuel Ethanol ⁶	--	--	338	--	--	6,862	2,008	-579	9,690	97	0	7,632
Biofuels (excluding Fuel Ethanol) ⁷	--	--	86	--	446	242	--	-92	396	42	428	1,234
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-117	--	--	1,037	-6	--	506	222	186	0	4,305
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	12,738	49,833	7,751	-4,316	74,628	10	0	50,198
Reformulated	--	--	--	--	5,374	7,682	3,651	969	15,738	0	0	16,953
Conventional	--	--	--	--	7,364	42,151	4,100	-5,285	58,890	10	0	33,245
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	106,959	8,960	40,495	-9,759	-3,772	--	2,208	148,219	49,506
Finished Motor Gasoline	--	--	--	94,591	2,237	2,126	-9,759	118	--	51	89,026	2,588
Reformulated	--	--	--	34,899	--	--	-3,988	-1	--	--	30,912	4
Conventional	--	--	--	59,692	2,237	2,126	-5,771	119	--	51	58,114	2,584
Finished Aviation Gasoline	--	--	--	--	--	116	--	42	--	--	74	227
Kerosene-Type Jet Fuel	--	--	--	3,090	1,258	12,779	--	1,371	--	29	15,727	8,707
Kerosene	--	--	--	14	--	--	--	-189	--	4	199	627
Distillate Fuel Oil ⁶	--	--	0	5,653	2,834	23,661	--	-5,100	--	323	36,925	22,404
15 ppm sulfur and under	--	--	0	5,740	2,832	22,913	--	-5,177	--	229	36,433	20,311
Greater than 15 to 500 ppm sulfur	--	--	--	-2	2	65	--	-74	--	--	139	576
Greater than 500 ppm sulfur	--	--	--	-85	--	683	--	151	--	94	353	1,517
Residual Fuel Oil	--	--	--	1,272	1,325	--	--	361	--	85	2,151	4,828
Less than 0.31 percent sulfur	--	--	--	8	--	--	--	-57	--	NA	NA	307
0.31 to 1.00 percent sulfur	--	--	--	987	464	--	--	145	--	NA	NA	1,006
Greater than 1.00 percent sulfur	--	--	--	277	861	--	--	273	--	NA	NA	3,515
Petrochemical Feedstocks	--	--	--	--	254	--	--	--	--	187	67	--
Naphtha for Petro. Feed. Use	--	--	--	--	254	--	--	--	--	--	254	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	187	-187	--
Special Naphthas	--	--	--	10	1	--	--	-2	--	--	13	29
Lubricants	--	--	--	336	86	706	--	27	--	237	864	1,368
Waxes	--	--	--	-13	94	--	--	-27	--	79	29	200
Petroleum Coke	--	--	--	630	1	208	--	--	--	1,135	-296	--
Marketable	--	--	--	234	1	208	--	--	--	1,135	-692	--
Catalyst	--	--	--	396	--	--	--	--	--	--	396	--
Asphalt and Road Oil	--	--	--	515	870	898	--	-369	--	58	2,595	8,472
Still Gas	--	--	--	800	--	--	--	--	--	--	800	--
Miscellaneous Products	--	--	--	61	--	--	--	-4	--	20	45	56
Total	20,651	0	417	107,713	41,234	102,305	-663	-8,346	106,636	13,727	159,640	127,032

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,828	1,633	--	--	17,489	2,386	976	-619	24,185	747	0	7,120
Hydrocarbon Gas Liquids	18,931	-1,461	-9	1,134	797	2,274	--	2,275	201	8,439	10,751	8,693
Natural Gas Liquids	18,931	-1,461	-9	757	472	1,953	--	2,274	201	8,439	9,728	8,516
Ethane	7,252	--	--	--	--	-4,941	--	406	--	1,769	136	1,412
Propane	6,775	--	--	446	368	5,844	--	1,676	--	4,081	7,675	4,909
Normal Butane	2,083	--	--	345	87	1,637	--	114	32	2,560	1,447	1,768
Isobutane	906	--	--	-34	17	-296	--	-3	125	1	470	119
Natural Gasoline	1,915	-1,461	-9	--	--	-291	--	81	44	29	0	308
Refinery Olefins	--	--	--	377	325	321	--	1	--	--	1,022	177
Ethylene	--	--	--	14	--	--	--	--	--	--	14	--
Propylene	--	--	--	305	325	321	--	-10	--	--	961	104
Normal Butylene	--	--	--	-1	--	--	--	-49	--	--	48	1
Isobutylene	--	--	--	59	--	--	--	60	--	--	-1	72
Other Liquids	--	-172	408	--	19,242	63,422	7,684	-646	91,073	234	-76	62,723
Hydrogen/Biofuels/Other Hydrocarbons	--	--	408	--	26	9,453	-211	-1,120	10,675	197	-76	7,746
Hydrogen	--	--	--	--	--	--	98	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	408	--	26	9,453	-309	-1,120	10,577	197	-76	7,746
Fuel Ethanol ⁶	--	--	324	--	--	9,383	-309	-947	10,218	126	0	6,685
Biofuels (excluding Fuel Ethanol) ⁷	--	--	84	--	26	70	--	-174	359	71	-76	1,061
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-172	--	--	333	-52	--	-548	635	22	0	3,757
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	18,883	54,021	7,896	1,022	79,763	15	0	51,220
Reformulated	--	--	--	--	4,973	10,272	-2,034	-1,251	14,459	3	0	15,702
Conventional	--	--	--	--	13,910	43,749	9,930	2,273	65,304	12	0	35,518
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	115,420	11,340	42,509	-7,586	3,376	--	1,388	156,918	52,882
Finished Motor Gasoline	--	--	--	100,800	3,274	1,694	-7,586	181	--	43	97,958	2,769
Reformulated	--	--	--	36,494	--	--	1,743	0	--	--	38,237	4
Conventional	--	--	--	64,306	3,274	1,694	-9,329	181	--	43	59,721	2,765
Finished Aviation Gasoline	--	--	--	--	32	58	--	22	--	--	68	249
Kerosene-Type Jet Fuel	--	--	--	3,038	586	17,050	--	2,206	--	21	18,447	10,913
Kerosene	--	--	--	-17	--	--	--	-63	--	4	42	564
Distillate Fuel Oil ⁶	--	--	0	7,054	3,951	21,379	--	1,301	--	251	30,833	23,705
15 ppm sulfur and under	--	--	0	7,177	3,909	20,437	--	1,320	--	10	30,193	21,631
Greater than 15 to 500 ppm sulfur	--	--	--	-18	42	1	--	5	--	241	-221	581
Greater than 500 ppm sulfur	--	--	--	-105	--	941	--	-24	--	--	860	1,493
Residual Fuel Oil	--	--	--	1,473	2,184	--	--	524	--	256	2,877	5,352
Less than 0.31 percent sulfur	--	--	--	4	--	--	--	90	--	NA	NA	397
0.31 to 1.00 percent sulfur	--	--	--	994	730	--	--	319	--	NA	NA	1,325
Greater than 1.00 percent sulfur	--	--	--	475	1,454	--	--	115	--	NA	NA	3,630
Petrochemical Feedstocks	--	--	--	--	5	--	--	--	--	1	4	--
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2	--
Other Oils for Petro. Feed. Use	--	--	--	--	3	--	--	--	--	1	2	--
Special Naphthas	--	--	--	9	2	--	--	-5	--	--	16	24
Lubricants	--	--	--	395	149	535	--	-77	--	297	859	1,291
Waxes	--	--	--	-5	96	--	--	-12	--	102	1	188
Petroleum Coke	--	--	--	683	--	610	--	--	--	315	978	--
Marketable	--	--	--	256	--	610	--	--	--	315	551	--
Catalyst	--	--	--	427	--	--	--	--	--	--	427	--
Asphalt and Road Oil	--	--	--	1,072	1,061	1,183	--	-684	--	77	3,923	7,788
Still Gas	--	--	--	849	--	--	--	--	--	--	849	--
Miscellaneous Products	--	--	--	69	--	--	--	-17	--	22	64	39
Total	20,759	0	400	116,554	48,868	110,591	1,074	4,385	115,459	10,809	167,593	131,418

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,636	1,076	--	--	19,131	2,987	1,163	1,591	23,669	732	0	8,711
Hydrocarbon Gas Liquids	18,434	-1,509	-9	1,013	616	1,113	--	329	152	10,546	8,631	9,022
Natural Gas Liquids	18,434	-1,509	-9	715	343	790	--	352	152	10,546	7,714	8,868
Ethane	7,182	--	--	--	--	-5,153	--	-533	--	2,319	243	879
Propane	6,497	--	--	446	335	5,253	--	660	--	5,096	6,775	5,569
Normal Butane	1,985	--	--	307	--	1,217	--	142	31	3,088	247	1,910
Isobutane	908	--	--	-38	8	-275	--	34	120	1	448	153
Natural Gasoline	1,862	-1,509	-9	--	--	-252	--	49	1	42	0	357
Refinery Olefins	--	--	--	298	273	323	--	-23	--	--	917	154
Ethylene	--	--	--	20	--	--	--	--	--	--	20	--
Propylene	--	--	--	232	273	323	--	-10	--	--	838	94
Normal Butylene	--	--	--	1	--	--	--	0	--	--	1	1
Isobutylene	--	--	--	45	--	--	--	-13	--	--	58	59
Other Liquids	--	433	488	--	19,518	60,936	6,610	-220	87,779	381	46	62,503
Hydrogen/Biofuels/Other Hydrocarbons	--	--	488	--	21	9,567	674	253	10,295	157	46	7,999
Hydrogen	--	--	--	--	--	--	93	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	488	--	21	9,567	581	253	10,202	157	46	7,999
Fuel Ethanol ⁶	--	--	359	--	--	9,470	581	411	9,903	96	0	7,096
Biofuels (excluding Fuel Ethanol) ⁷	--	--	129	--	21	97	--	-159	299	61	46	902
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	433	--	--	985	1	--	-2	1,212	209	0	3,755
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	18,512	51,368	5,936	-471	76,272	15	0	50,749
Reformulated	--	--	--	--	5,578	9,615	-24	-336	15,505	0	0	15,366
Conventional	--	--	--	--	12,934	41,753	5,960	-135	60,767	15	0	35,383
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	111,581	8,819	43,455	-6,517	308	--	2,379	154,651	53,190
Finished Motor Gasoline	--	--	--	97,652	3,672	1,737	-6,517	87	--	66	96,391	2,856
Reformulated	--	--	--	35,982	--	--	-235	1	--	--	35,746	5
Conventional	--	--	--	61,670	3,672	1,737	-6,283	86	--	66	60,644	2,851
Finished Aviation Gasoline	--	--	--	--	13	103	--	-24	--	--	140	225
Kerosene-Type Jet Fuel	--	--	--	2,849	365	14,184	--	-1,114	--	24	18,488	9,799
Kerosene	--	--	--	-34	--	--	--	-95	--	3	58	469
Distillate Fuel Oil ⁶	--	--	0	6,689	2,345	25,491	--	2,557	--	681	31,287	26,262
15 ppm sulfur and under	--	--	0	6,892	2,343	24,533	--	2,481	--	541	30,747	24,112
Greater than 15 to 500 ppm sulfur	--	--	--	-29	2	1	--	170	--	1	-197	751
Greater than 500 ppm sulfur	--	--	--	-174	--	957	--	-94	--	140	737	1,399
Residual Fuel Oil	--	--	--	1,332	1,303	--	--	64	--	526	2,045	5,416
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	9	--	NA	NA	406
0.31 to 1.00 percent sulfur	--	--	--	1,053	--	--	--	91	--	NA	NA	1,416
Greater than 1.00 percent sulfur	--	--	--	277	1,303	--	--	-36	--	NA	NA	3,594
Petrochemical Feedstocks	--	--	--	--	4	--	--	--	--	5	-1	--
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2	--
Other Oils for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	5	-3	--
Special Naphthas	--	--	--	12	2	25	--	7	--	--	32	31
Lubricants	--	--	--	367	123	564	--	-7	--	315	746	1,284
Waxes	--	--	--	-3	127	--	--	0	--	79	45	188
Petroleum Coke	--	--	--	715	1	90	--	--	--	570	236	--
Marketable	--	--	--	268	1	90	--	--	--	570	-211	--
Catalyst	--	--	--	447	--	--	--	--	--	--	447	--
Asphalt and Road Oil	--	--	--	1,056	864	1,261	--	-1,183	--	95	4,270	6,605
Still Gas	--	--	--	836	--	--	--	--	--	--	836	--
Miscellaneous Products	--	--	--	110	--	--	--	16	--	16	78	55
Total	20,070	0	479	112,594	48,084	108,491	1,256	2,008	111,600	14,038	163,328	133,425

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,851	1,544	--	--	20,289	2,477	779	-1,260	24,634	3,567	0	7,451
Hydrocarbon Gas Liquids	19,139	-1,663	-9	1,088	612	1,849	--	1,105	163	9,419	10,329	10,126
Natural Gas Liquids	19,139	-1,663	-9	759	283	1,415	--	1,057	163	9,419	9,285	9,924
Ethane	7,368	--	--	--	--	-4,983	--	247	--	2,087	51	1,126
Propane	6,759	--	--	465	279	5,492	--	1,066	--	4,768	7,161	6,635
Normal Butane	2,030	--	--	314	--	1,567	--	-214	43	2,529	1,553	1,696
Isobutane	963	--	--	-20	4	-357	--	-50	119	0	521	103
Natural Gasoline	2,019	-1,663	-9	--	--	-304	--	8	1	35	0	364
Refinery Olefins	--	--	--	329	329	434	--	48	--	--	1,044	202
Ethylene	--	--	--	13	--	--	--	--	--	--	13	--
Propylene	--	--	--	272	329	434	--	13	--	--	1,022	107
Normal Butylene	--	--	--	-2	--	--	--	0	--	--	-2	1
Isobutylene	--	--	--	46	--	--	--	35	--	--	11	94
Other Liquids	--	119	550	--	14,049	57,241	16,008	-448	88,274	181	-39	62,054
Hydrogen/Biofuels/Other Hydrocarbons	--	--	550	--	16	7,321	2,756	160	10,363	160	-39	8,158
Hydrogen	--	--	--	--	--	--	75	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	550	--	16	7,321	2,681	160	10,288	160	-39	8,158
Fuel Ethanol ⁶	--	--	382	--	--	7,240	2,681	177	10,022	105	0	7,273
Biofuels (excluding Fuel Ethanol) ⁷	--	--	169	--	16	81	--	-17	266	56	-39	885
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	119	--	--	888	0	--	-271	1,259	19	0	3,484
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	13,145	49,920	13,252	-337	76,652	2	0	50,412
Reformulated	--	--	--	--	2,721	9,871	3,314	-602	16,508	--	0	14,764
Conventional	--	--	--	--	10,424	40,049	9,938	265	60,144	2	0	35,648
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	112,944	11,563	39,858	-15,933	-338	--	2,574	146,196	52,852
Finished Motor Gasoline	--	--	--	98,524	3,336	1,662	-15,933	-398	--	42	87,944	2,458
Reformulated	--	--	--	36,118	--	--	-4,535	-1	--	--	31,584	4
Conventional	--	--	--	62,406	3,336	1,662	-11,399	-397	--	42	56,360	2,454
Finished Aviation Gasoline	--	--	--	--	--	44	--	-45	--	--	89	180
Kerosene-Type Jet Fuel	--	--	--	3,009	640	14,857	--	890	--	22	17,594	10,689
Kerosene	--	--	--	57	--	--	--	-41	--	11	87	428
Distillate Fuel Oil ⁶	--	--	0	6,826	4,021	21,155	--	-186	--	1,592	30,596	26,076
15 ppm sulfur and under	--	--	0	6,949	4,020	20,557	--	137	--	1,343	30,047	24,249
Greater than 15 to 500 ppm sulfur	--	--	--	-15	1	--	--	-122	--	245	-137	629
Greater than 500 ppm sulfur	--	--	--	-108	--	598	--	-201	--	4	687	1,198
Residual Fuel Oil	--	--	--	1,294	1,742	--	--	-724	--	5	3,755	4,692
Less than 0.31 percent sulfur	--	--	--	--	--	--	--	-41	--	NA	NA	365
0.31 to 1.00 percent sulfur	--	--	--	993	160	--	--	-495	--	NA	NA	921
Greater than 1.00 percent sulfur	--	--	--	301	1,582	--	--	-188	--	NA	NA	3,406
Petrochemical Feedstocks	--	--	--	--	64	--	--	--	--	282	-218	--
Naphtha for Petro. Feed. Use	--	--	--	--	63	--	--	--	--	--	63	--
Other Oils for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	282	-281	--
Special Naphthas	--	--	--	20	1	--	--	10	--	--	11	41
Lubricants	--	--	--	412	86	541	--	192	--	215	632	1,476
Waxes	--	--	--	-7	118	--	--	-7	--	81	37	181
Petroleum Coke	--	--	--	721	--	263	--	--	--	223	762	--
Marketable	--	--	--	271	--	263	--	--	--	223	312	--
Catalyst	--	--	--	450	--	--	--	--	--	--	450	--
Asphalt and Road Oil	--	--	--	1,087	1,555	1,335	--	-50	--	83	3,945	6,555
Still Gas	--	--	--	891	--	--	--	--	--	--	891	--
Miscellaneous Products	--	--	--	110	--	--	--	21	--	17	72	76
Total	20,990	0	542	114,032	46,513	101,425	854	-942	113,071	15,741	156,487	132,484

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,776	1,887	--	--	19,735	2,840	1,386	-407	25,131	2,899	0	7,044
Hydrocarbon Gas Liquids	19,640	-1,566	-9	1,061	947	1,125	--	629	232	9,819	10,518	10,755
Natural Gas Liquids	19,640	-1,566	-9	712	632	820	--	633	232	9,819	9,544	10,557
Ethane	7,846	--	--	--	--	-5,667	--	-184	--	2,576	-213	942
Propane	6,851	--	--	454	570	5,705	--	82	--	5,454	8,044	6,717
Normal Butane	2,026	--	--	282	55	1,463	--	719	93	1,712	1,303	2,415
Isobutane	970	--	--	-24	7	-429	--	-3	116	--	411	100
Natural Gasoline	1,947	-1,566	-9	--	--	-253	--	19	23	77	0	383
Refinery Olefins	--	--	--	349	315	305	--	-4	--	--	973	198
Ethylene	--	--	--	14	--	--	--	--	--	--	14	--
Propylene	--	--	--	293	315	305	--	3	--	--	910	110
Normal Butylene	--	--	--	-1	--	--	--	2	--	--	-3	3
Isobutylene	--	--	--	43	--	--	--	-9	--	--	52	85
Other Liquids	--	-321	492	--	17,945	63,499	10,486	1,409	90,510	164	19	63,463
Hydrogen/Biofuels/Other Hydrocarbons	--	--	492	--	122	8,990	1,414	169	10,691	139	19	8,327
Hydrogen	--	--	--	--	--	--	76	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	492	--	122	8,990	1,338	169	10,615	139	19	8,327
Fuel Ethanol ⁶	--	--	379	--	--	8,906	1,338	161	10,329	132	0	7,435
Biofuels (excluding Fuel Ethanol) ⁷	--	--	113	--	122	84	--	7	286	7	19	892
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-321	--	--	582	42	--	175	107	21	0	3,659
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	17,241	54,467	9,072	1,065	79,712	3	0	51,477
Reformulated	--	--	--	--	4,919	11,497	3,488	3,214	16,690	0	0	17,978
Conventional	--	--	--	--	12,322	42,970	5,584	-2,149	63,022	3	0	33,499
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	115,917	11,023	41,982	-10,410	-81	--	2,421	156,172	52,771
Finished Motor Gasoline	--	--	--	101,351	2,500	2,004	-10,410	186	--	38	95,221	2,644
Reformulated	--	--	--	36,820	--	--	-3,282	0	--	--	33,538	4
Conventional	--	--	--	64,531	2,500	2,004	-7,128	186	--	38	61,683	2,640
Finished Aviation Gasoline	--	--	--	--	--	41	--	34	--	--	7	214
Kerosene-Type Jet Fuel	--	--	--	3,129	524	15,425	--	-856	--	17	19,917	9,833
Kerosene	--	--	--	71	--	--	--	-31	--	5	97	397
Distillate Fuel Oil ⁶	--	--	0	6,972	3,680	22,126	--	1,965	--	470	30,344	28,041
15 ppm sulfur and under	--	--	0	7,114	3,679	21,324	--	1,764	--	451	29,902	26,013
Greater than 15 to 500 ppm sulfur	--	--	--	17	1	1	--	-9	--	18	10	620
Greater than 500 ppm sulfur	--	--	--	-159	--	801	--	210	--	1	431	1,408
Residual Fuel Oil	--	--	--	1,206	2,598	93	--	-515	--	462	3,950	4,177
Less than 0.31 percent sulfur	--	--	--	5	1,025	93	--	-95	--	NA	NA	270
0.31 to 1.00 percent sulfur	--	--	--	979	724	--	--	33	--	NA	NA	954
Greater than 1.00 percent sulfur	--	--	--	222	849	--	--	-453	--	NA	NA	2,953
Petrochemical Feedstocks	--	--	--	--	78	--	--	--	--	7	71	--
Naphtha for Petro. Feed. Use	--	--	--	--	75	--	--	--	--	--	75	--
Other Oils for Petro. Feed. Use	--	--	--	--	3	--	--	--	--	7	-4	--
Special Naphthas	--	--	--	11	1	--	--	-3	--	--	15	38
Lubricants	--	--	--	361	136	441	--	-67	--	217	788	1,409
Waxes	--	--	--	-3	104	--	--	-4	--	81	24	177
Petroleum Coke	--	--	--	752	1	500	--	--	--	995	257	--
Marketable	--	--	--	299	1	500	--	--	--	995	-196	--
Catalyst	--	--	--	453	--	--	--	--	--	--	453	--
Asphalt and Road Oil	--	--	--	1,103	1,401	1,352	--	-784	--	112	4,529	5,771
Still Gas	--	--	--	879	--	--	--	--	--	--	879	--
Miscellaneous Products	--	--	--	85	--	--	--	-6	--	18	73	70
Total	21,416	0	484	116,978	49,650	109,445	1,462	1,550	115,873	15,304	166,708	134,033

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,700	850	--	--	17,698	3,536	162	553	22,457	936	0	7,597
Hydrocarbon Gas Liquids	20,552	-1,237	-8	638	544	2,224	--	833	1,805	7,726	12,349	11,588
Natural Gas Liquids	20,552	-1,237	-8	247	437	1,942	--	791	1,805	7,726	11,611	11,348
Ethane	8,971	--	--	--	--	-5,350	--	25	--	1,855	1,741	967
Propane	6,670	--	--	414	357	6,110	--	927	--	4,497	8,127	7,644
Normal Butane	2,051	--	--	-126	56	1,857	--	-175	1,371	1,265	1,377	2,240
Isobutane	925	--	--	-41	24	-387	--	14	139	2	367	114
Natural Gasoline	1,935	-1,237	-8	--	--	-288	--	0	295	107	0	383
Refinery Olefins	--	--	--	391	107	282	--	42	--	--	738	240
Ethylene	--	--	--	14	--	--	--	--	--	--	14	--
Propylene	--	--	--	309	107	282	--	5	--	--	693	115
Normal Butylene	--	--	--	-1	--	--	--	74	--	--	-75	77
Isobutylene	--	--	--	69	--	--	--	-37	--	--	106	48
Other Liquids	--	387	445	--	12,193	60,059	11,653	-639	85,050	395	-68	62,824
Hydrogen/Biofuels/Other Hydrocarbons	--	--	445	--	65	9,743	-265	-237	10,174	120	-68	8,090
Hydrogen	--	--	--	--	--	--	79	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	445	--	65	9,743	-344	-237	10,095	120	-68	8,090
Fuel Ethanol ⁶	--	--	290	--	--	9,596	-344	-358	9,783	117	0	7,077
Biofuels (excluding Fuel Ethanol) ⁷	--	--	155	--	65	148	--	121	312	3	-68	1,013
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	387	--	--	610	-6	--	-88	1,057	22	0	3,571
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	11,518	50,322	11,918	-314	73,819	253	0	51,163
Reformulated	--	--	--	--	4,516	7,553	2,608	-1,008	15,685	0	0	16,970
Conventional	--	--	--	--	7,002	42,769	9,310	694	58,134	253	0	34,193
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	109,660	9,432	39,856	-11,574	-3,716	--	2,114	148,975	49,055
Finished Motor Gasoline	--	--	--	96,167	3,085	1,241	-11,574	527	--	353	88,039	3,171
Reformulated	--	--	--	35,237	--	--	-3,657	1	--	--	31,579	5
Conventional	--	--	--	60,930	3,085	1,241	-7,918	526	--	353	56,459	3,166
Finished Aviation Gasoline	--	--	--	--	23	116	--	-11	--	--	150	203
Kerosene-Type Jet Fuel	--	--	--	2,595	185	13,676	--	-1,474	--	9	17,921	8,359
Kerosene	--	--	--	171	--	--	--	13	--	7	151	410
Distillate Fuel Oil ⁶	--	--	1	6,421	2,925	22,986	--	-2,472	--	711	34,094	25,569
15 ppm sulfur and under	--	--	1	6,543	2,920	22,181	--	-2,675	--	694	33,626	23,338
Greater than 15 to 500 ppm sulfur	--	--	--	41	5	1	--	56	--	16	-25	676
Greater than 500 ppm sulfur	--	--	--	-163	--	804	--	147	--	1	493	1,555
Residual Fuel Oil	--	--	--	1,166	1,873	--	--	441	--	10	2,588	4,618
Less than 0.31 percent sulfur	--	--	--	2	145	--	--	139	--	NA	NA	409
0.31 to 1.00 percent sulfur	--	--	--	918	497	--	--	-61	--	NA	NA	893
Greater than 1.00 percent sulfur	--	--	--	246	1,231	--	--	363	--	NA	NA	3,316
Petrochemical Feedstocks	--	--	--	--	4	--	--	--	--	162	-158	--
Naphtha for Petro. Feed. Use	--	--	--	--	3	--	--	--	--	--	3	--
Other Oils for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	162	-161	--
Special Naphthas	--	--	--	15	2	--	--	3	--	--	14	41
Lubricants	--	--	--	389	121	393	--	4	--	177	722	1,413
Waxes	--	--	--	-13	116	--	--	9	--	81	13	186
Petroleum Coke	--	--	--	676	1	366	--	--	--	505	538	--
Marketable	--	--	--	246	1	366	--	--	--	505	108	--
Catalyst	--	--	--	430	--	--	--	--	--	--	430	--
Asphalt and Road Oil	--	--	--	1,185	1,097	1,078	--	-761	--	79	4,042	5,010
Still Gas	--	--	--	795	--	--	--	--	--	--	795	--
Miscellaneous Products	--	--	--	93	--	--	--	5	--	21	67	75
Total	22,252	0	438	110,298	39,867	105,675	241	-2,969	109,312	11,171	161,256	131,065

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,696	1,799	--	--	20,628	3,333	-2,499	814	24,143	--	0	8,411
Hydrocarbon Gas Liquids	20,581	-1,240	-9	540	580	1,712	--	994	2,471	6,063	12,636	12,582
Natural Gas Liquids	20,581	-1,240	-9	63	530	1,405	--	931	2,471	6,063	11,865	12,279
Ethane	8,893	--	--	--	--	-5,598	--	202	--	1,954	1,139	1,169
Propane	6,807	--	--	433	490	6,330	--	826	--	3,709	9,525	8,470
Normal Butane	2,027	--	--	-341	32	1,385	--	6	1,896	359	842	2,246
Isobutane	964	--	--	-29	8	-444	--	-11	151	0	358	103
Natural Gasoline	1,890	-1,240	-9	--	--	-268	--	-92	424	41	0	291
Refinery Olefins	--	--	--	477	50	307	--	63	--	--	771	303
Ethylene	--	--	--	15	--	--	--	--	--	--	15	--
Propylene	--	--	--	402	50	307	--	55	--	--	704	170
Normal Butylene	--	--	--	1	--	--	--	10	--	--	-9	87
Isobutylene	--	--	--	59	--	--	--	-2	--	--	61	46
Other Liquids	--	-559	538	--	11,851	62,022	9,531	-3,354	86,243	141	353	59,470
Hydrogen/Biofuels/Other Hydrocarbons	--	--	538	--	506	8,992	294	-720	10,575	122	353	7,370
Hydrogen	--	--	--	--	--	--	78	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	538	--	506	8,992	216	-720	10,497	122	353	7,370
Fuel Ethanol ⁶	--	--	369	--	193	8,851	216	-608	10,118	119	0	6,468
Biofuels (excluding Fuel Ethanol) ⁷	--	--	170	--	313	141	--	-111	379	3	353	902
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-559	--	--	1,780	-30	--	209	965	17	0	3,780
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	9,565	53,060	9,237	-2,843	74,703	2	0	48,320
Reformulated	--	--	--	--	3,745	6,656	1,471	-2,911	14,783	0	0	14,059
Conventional	--	--	--	--	5,820	46,404	7,766	68	59,920	2	0	34,261
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	113,736	9,368	45,831	-9,453	1,044	--	1,465	156,974	50,099
Finished Motor Gasoline	--	--	--	99,148	1,278	2,317	-9,453	-559	--	24	93,825	2,612
Reformulated	--	--	--	36,426	--	--	-2,464	0	--	--	33,962	5
Conventional	--	--	--	62,722	1,278	2,317	-6,989	-559	--	24	59,863	2,607
Finished Aviation Gasoline	--	--	--	--	26	117	--	10	--	--	133	213
Kerosene-Type Jet Fuel	--	--	--	2,886	1,740	14,516	--	215	--	202	18,725	8,574
Kerosene	--	--	--	151	--	37	--	114	--	3	71	524
Distillate Fuel Oil ⁶	--	--	1	7,020	2,533	26,849	--	905	--	291	35,207	26,474
15 ppm sulfur and under	--	--	1	7,017	2,529	25,953	--	1,000	--	201	34,299	24,338
Greater than 15 to 500 ppm sulfur	--	--	--	30	4	1	--	109	--	89	-163	785
Greater than 500 ppm sulfur	--	--	--	-27	--	895	--	-204	--	1	1,071	1,351
Residual Fuel Oil	--	--	--	1,237	2,482	--	--	846	--	8	2,865	5,464
Less than 0.31 percent sulfur	--	--	--	0	438	--	--	-29	--	NA	NA	380
0.31 to 1.00 percent sulfur	--	--	--	1,033	866	--	--	169	--	NA	NA	1,062
Greater than 1.00 percent sulfur	--	--	--	204	1,178	--	--	706	--	NA	NA	4,022
Petrochemical Feedstocks	--	--	--	--	1	--	--	--	--	4	-3	--
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	4	-4	--
Special Naphthas	--	--	--	8	2	--	--	11	--	--	-1	52
Lubricants	--	--	--	406	171	389	--	75	--	201	690	1,488
Waxes	--	--	--	-15	95	--	--	13	--	65	2	199
Petroleum Coke	--	--	--	747	--	311	--	--	--	559	500	--
Marketable	--	--	--	278	--	311	--	--	--	559	31	--
Catalyst	--	--	--	469	--	--	--	--	--	--	469	--
Asphalt and Road Oil	--	--	--	1,224	1,040	1,295	--	-579	--	91	4,047	4,431
Still Gas	--	--	--	831	--	--	--	--	--	--	831	--
Miscellaneous Products	--	--	--	93	--	--	--	-7	--	17	83	68
Total	22,277	0	530	114,276	42,427	112,898	-2,421	-502	112,857	7,669	169,964	130,563

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,717	1,478	--	--	19,062	3,164	-1,869	-1,071	24,623	--	0	7,340
Hydrocarbon Gas Liquids	20,727	-1,332	-9	265	1,300	3,198	--	-508	1,949	6,151	16,556	12,074
Natural Gas Liquids	20,727	-1,332	-9	-75	1,128	3,041	--	-483	1,949	6,151	15,863	11,796
Ethane	9,157	--	--	--	--	-5,700	--	-131	--	2,326	1,262	1,038
Propane	6,780	--	--	477	1,085	7,393	--	128	--	3,099	12,507	8,598
Normal Butane	2,023	--	--	-502	28	1,986	--	-472	1,606	674	1,727	1,774
Isobutane	942	--	--	-50	15	-387	--	14	139	1	366	117
Natural Gasoline	1,825	-1,332	-9	--	--	-250	--	-22	204	51	0	269
Refinery Olefins	--	--	--	340	172	157	--	-25	--	--	694	278
Ethylene	--	--	--	15	--	--	--	--	--	--	15	--
Propylene	--	--	--	315	172	157	--	-6	--	--	650	164
Normal Butylene	--	--	--	1	--	--	--	22	--	--	-21	109
Isobutylene	--	--	--	9	--	--	--	-41	--	--	50	5
Other Liquids	--	-146	541	--	14,527	59,582	10,283	1,544	82,876	124	243	61,014
Hydrogen/Biofuels/Other Hydrocarbons	--	--	541	--	746	9,184	942	773	10,303	94	243	8,143
Hydrogen	--	--	--	--	--	--	89	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	541	--	746	9,184	853	773	10,214	94	243	8,143
Fuel Ethanol ⁶	--	--	369	--	251	9,064	853	635	9,811	91	0	7,103
Biofuels (excluding Fuel Ethanol) ⁷	--	--	172	--	495	120	--	138	403	3	243	1,040
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-146	--	--	1,153	-20	--	195	764	28	0	3,975
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	12,628	50,418	9,341	576	71,809	2	0	48,896
Reformulated	--	--	--	--	4,341	6,523	4,355	2,331	12,888	0	0	16,390
Conventional	--	--	--	--	8,287	43,895	4,986	-1,755	58,921	2	0	32,506
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	110,286	14,547	45,133	-10,194	4,568	--	1,135	154,070	54,667
Finished Motor Gasoline	--	--	--	95,694	2,453	1,850	-10,194	-406	--	39	90,170	2,206
Reformulated	--	--	--	35,722	--	--	-4,015	0	--	--	31,707	5
Conventional	--	--	--	59,972	2,453	1,850	-6,178	-406	--	39	58,463	2,201
Finished Aviation Gasoline	--	--	--	--	--	46	--	-48	--	--	94	165
Kerosene-Type Jet Fuel	--	--	--	2,675	1,733	14,471	--	459	--	18	18,402	9,033
Kerosene	--	--	--	226	--	37	--	463	--	2	-202	987
Distillate Fuel Oil ⁶	--	--	0	7,425	5,920	27,050	--	4,260	--	222	35,914	30,734
15 ppm sulfur and under	--	--	0	7,541	5,907	26,326	--	4,015	--	10	35,749	28,353
Greater than 15 to 500 ppm sulfur	--	--	--	41	13	1	--	-71	--	211	-85	714
Greater than 500 ppm sulfur	--	--	--	-157	--	723	--	316	--	1	249	1,667
Residual Fuel Oil	--	--	--	1,179	3,483	--	--	160	--	210	4,292	5,624
Less than 0.31 percent sulfur	--	--	--	-11	--	--	--	-76	--	NA	NA	304
0.31 to 1.00 percent sulfur	--	--	--	928	2,105	--	--	115	--	NA	NA	1,177
Greater than 1.00 percent sulfur	--	--	--	262	1,378	--	--	121	--	NA	NA	4,143
Petrochemical Feedstocks	--	--	--	--	44	--	--	--	--	--	44	--
Naphtha for Petro. Feed. Use	--	--	--	--	44	--	--	--	--	--	44	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	9	3	--	--	3	--	--	9	55
Lubricants	--	--	--	391	115	336	--	-56	--	270	628	1,432
Waxes	--	--	--	-19	78	--	--	6	--	65	-12	205
Petroleum Coke	--	--	--	681	--	278	--	--	--	168	790	--
Marketable	--	--	--	251	--	278	--	--	--	168	360	--
Catalyst	--	--	--	430	--	--	--	--	--	--	430	--
Asphalt and Road Oil	--	--	--	1,102	718	1,065	--	-263	--	126	3,023	4,168
Still Gas	--	--	--	828	--	--	--	--	--	--	828	--
Miscellaneous Products	--	--	--	95	--	--	--	-10	--	16	89	58
Total	22,444	0	532	110,551	49,436	111,077	-1,780	4,533	109,448	7,409	170,869	135,096

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 3. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	1,731	1,374	--	--	18,987	3,361	-306	272	23,493	1,383	0	7,612
Hydrocarbon Gas Liquids	19,722	-1,161	-9	371	1,344	3,066	--	-2,366	1,880	6,548	17,272	9,708
Natural Gas Liquids	19,722	-1,161	-9	49	1,062	2,799	--	-2,241	1,880	6,548	16,275	9,555
Ethane	8,386	--	--	--	--	-4,871	--	-178	--	2,450	1,243	860
Propane	6,677	--	--	417	1,020	6,912	--	-1,759	--	2,963	13,821	6,839
Normal Butane	1,981	--	--	-384	38	1,347	--	-260	1,385	1,095	762	1,514
Isobutane	924	--	--	16	4	-351	--	23	121	1	449	140
Natural Gasoline	1,754	-1,161	-9	--	--	-238	--	-67	374	40	0	202
Refinery Olefins	--	--	--	322	282	267	--	-125	--	--	996	153
Ethylene	--	--	--	24	--	--	--	--	--	--	24	--
Propylene	--	--	--	285	282	267	--	-27	--	--	861	137
Normal Butylene	--	--	--	--	--	--	--	-109	--	--	109	0
Isobutylene	--	--	--	13	--	--	--	11	--	--	2	16
Other Liquids	--	-213	512	--	16,728	59,971	13,548	4,086	86,112	330	18	65,100
Hydrogen/Biofuels/Other Hydrocarbons	--	--	512	--	390	9,625	364	-4	10,568	309	18	8,139
Hydrogen	--	--	--	--	--	--	88	--	--	--	0	--
Biofuels (including Fuel Ethanol)	--	--	512	--	390	9,625	276	-4	10,480	309	18	8,139
Fuel Ethanol ⁶	--	--	343	--	--	9,368	276	-69	9,977	80	0	7,034
Biofuels (excluding Fuel Ethanol) ⁷	--	--	169	--	390	256	--	66	503	229	18	1,106
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-213	--	--	961	-48	--	-518	1,201	17	0	3,457
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	15,377	50,394	13,184	4,608	74,343	4	0	53,504
Reformulated	--	--	--	--	5,553	6,696	6,302	2,707	15,844	0	0	19,097
Conventional	--	--	--	--	9,824	43,698	6,882	1,901	58,499	4	0	34,407
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	112,115	13,504	46,560	-13,460	5,738	--	1,586	151,395	60,405
Finished Motor Gasoline	--	--	--	97,907	2,556	2,432	-13,460	688	--	69	88,678	2,894
Reformulated	--	--	--	36,569	--	--	-6,251	0	--	--	30,318	5
Conventional	--	--	--	61,338	2,556	2,432	-7,209	688	--	69	58,361	2,889
Finished Aviation Gasoline	--	--	--	--	113	50	--	41	--	--	122	206
Kerosene-Type Jet Fuel	--	--	--	2,635	1,224	15,090	--	-76	--	386	18,639	8,957
Kerosene	--	--	--	119	100	37	--	672	--	1	-417	1,659
Distillate Fuel Oil ⁶	--	--	1	7,315	5,917	27,076	--	3,668	--	163	36,478	34,402
15 ppm sulfur and under	--	--	1	7,330	5,817	26,179	--	3,662	--	11	35,653	32,015
Greater than 15 to 500 ppm sulfur	--	--	--	-37	100	1	--	-123	--	150	37	591
Greater than 500 ppm sulfur	--	--	--	22	--	896	--	129	--	1	788	1,796
Residual Fuel Oil	--	--	--	1,182	1,881	--	--	-13	--	71	3,005	5,611
Less than 0.31 percent sulfur	--	--	--	-14	--	--	--	-11	--	NA	NA	293
0.31 to 1.00 percent sulfur	--	--	--	959	689	--	--	-335	--	NA	NA	842
Greater than 1.00 percent sulfur	--	--	--	237	1,192	--	--	333	--	NA	NA	4,476
Petrochemical Feedstocks	--	--	--	--	585	-31	--	--	--	--	554	--
Naphtha for Petro. Feed. Use	--	--	--	--	584	--	--	--	--	--	584	--
Other Oils for Petro. Feed. Use	--	--	--	--	1	-31	--	--	--	--	-30	--
Special Naphthas	--	--	--	1	1	--	--	6	--	--	-4	61
Lubricants	--	--	--	379	131	512	--	108	--	179	735	1,540
Waxes	--	--	--	-17	77	--	--	16	--	50	-6	221
Petroleum Coke	--	--	--	656	--	512	--	--	--	531	637	--
Marketable	--	--	--	224	--	512	--	--	--	531	205	--
Catalyst	--	--	--	432	--	--	--	--	--	--	432	--
Asphalt and Road Oil	--	--	--	1,004	919	882	--	620	--	122	2,063	4,788
Still Gas	--	--	--	840	--	--	--	--	--	--	840	--
Miscellaneous Products	--	--	--	94	--	--	--	8	--	15	71	66
Total	21,453	0	504	112,486	50,563	112,958	-218	7,730	111,485	9,848	168,685	142,825

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	57	35	--	--	520	89	37	-12	694	56	0
Hydrocarbon Gas Liquids	601	-37	0	6	81	113	--	-72	51	191	594
Natural Gas Liquids	601	-37	0	-7	72	103	--	-73	51	191	562
Ethane	236	--	--	--	--	-155	--	3	--	66	11
Propane	213	--	--	12	70	230	--	-68	--	--	486
Normal Butane	66	--	--	-18	1	44	--	-6	35	--	50
Isobutane	27	--	--	-1	1	-8	--	-1	4	0	15
Natural Gasoline	58	-37	0	--	--	-8	--	-1	11	3	0
Refinery Olefins	--	--	--	13	9	10	--	1	--	--	32
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	11	9	10	--	-1	--	--	32
Normal Butylene	--	--	--	0	--	--	--	1	--	--	-1
Isobutylene	--	--	--	2	--	--	--	1	--	--	1
Other Liquids	--	2	16	--	374	2,063	172	187	2,432	7	2
Hydrogen/Biofuels/Other Hydrocarbons	--	--	16	--	8	340	-4	51	303	3	2
Hydrogen	--	--	--	--	--	--	4	--	4	--	0
Biofuels (including Fuel Ethanol)	--	--	16	--	8	340	-8	51	300	3	2
Fuel Ethanol ⁶	--	--	11	--	--	331	-8	44	287	3	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	5	--	8	9	--	7	13	0	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	2	--	--	60	-1	--	7	53	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	306	1,724	176	129	2,075	2	0
Reformulated	--	--	--	--	145	214	-3	-15	371	0	0
Conventional	--	--	--	--	161	1,509	179	143	1,703	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,211	339	1,474	-168	-291	--	50	5,096
Finished Motor Gasoline	--	--	--	2,793	39	126	-168	-9	--	1	2,798
Reformulated	--	--	--	1,038	--	--	-25	0	--	--	1,014
Conventional	--	--	--	1,755	39	126	-144	-9	--	1	1,784
Finished Aviation Gasoline	--	--	--	--	--	1	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	--	71	30	393	--	-19	--	1	513
Kerosene	--	--	--	1	--	2	--	-17	--	0	20
Distillate Fuel Oil ⁶	--	--	0	202	201	902	--	-286	--	16	1,576
15 ppm sulfur and under	--	--	0	207	201	869	--	-270	--	15	1,531
Greater than 15 to 500 ppm sulfur	--	--	--	0	--	--	--	-6	--	--	6
Greater than 500 ppm sulfur	--	--	--	-5	--	33	--	-10	--	0	38
Residual Fuel Oil	--	--	--	48	40	3	--	-9	--	20	80
Less than 0.31 percent sulfur	--	--	--	-1	--	--	--	3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	34	17	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	15	23	3	--	-13	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	2	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	0	3	--	--	0	--	--	4
Lubricants	--	--	--	13	3	17	--	3	--	5	26
Waxes	--	--	--	0	3	--	--	0	--	3	0
Petroleum Coke	--	--	--	21	0	2	--	--	--	3	21
Marketable	--	--	--	7	0	2	--	--	--	3	6
Catalyst	--	--	--	14	--	--	--	--	--	--	14
Asphalt and Road Oil	--	--	--	31	17	26	--	47	--	2	26
Still Gas	--	--	--	28	--	--	--	--	--	--	28
Miscellaneous Products	--	--	--	3	--	--	--	-1	--	0	3
Total	659	0	16	3,217	1,314	3,739	40	-188	3,177	304	5,692

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	59	61	--	--	586	75	-46	28	654	52	0
Hydrocarbon Gas Liquids	597	-38	0	7	95	90	--	-65	54	222	539
Natural Gas Liquids	597	-38	0	-3	84	82	--	-62	54	222	508
Ethane	236	--	--	--	--	-160	--	0	--	88	-12
Propane	213	--	--	12	82	218	--	-58	--	--	470
Normal Butane	64	--	--	-14	1	43	--	-3	41	--	37
Isobutane	28	--	--	-1	1	-11	--	0	5	0	12
Natural Gasoline	56	-38	0	--	--	-8	--	-1	9	3	0
Refinery Olefins	--	--	--	10	10	8	--	-3	--	--	31
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	9	10	8	--	-1	--	--	28
Normal Butylene	--	--	--	0	--	--	--	-1	--	--	1
Isobutylene	--	--	--	0	--	--	--	-1	--	--	2
Other Liquids	--	-23	16	--	478	1,927	246	-172	2,796	13	8
Hydrogen/Biofuels/Other Hydrocarbons	--	--	16	--	2	256	81	-2	338	12	8
Hydrogen	--	--	--	--	--	--	4	--	4	--	0
Biofuels (including Fuel Ethanol)	--	--	16	--	2	256	77	-2	334	12	8
Fuel Ethanol ⁶	--	--	12	--	--	250	77	8	318	12	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	4	--	2	6	--	-11	16	0	8
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-23	--	--	56	1	--	-20	54	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	420	1,669	166	-150	2,404	0	0
Reformulated	--	--	--	--	194	230	16	-47	487	0	0
Conventional	--	--	--	--	226	1,439	150	-102	1,917	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,527	564	1,581	-243	-21	--	78	5,373
Finished Motor Gasoline	--	--	--	3,118	21	122	-243	19	--	2	2,997
Reformulated	--	--	--	1,158	--	--	-16	0	--	--	1,142
Conventional	--	--	--	1,960	21	122	-227	19	--	2	1,855
Finished Aviation Gasoline	--	--	--	--	--	4	--	-1	--	--	6
Kerosene-Type Jet Fuel	--	--	--	76	32	436	--	15	--	1	528
Kerosene	--	--	--	-1	--	2	--	-11	--	0	12
Distillate Fuel Oil ⁶	--	--	0	206	361	946	--	-103	--	28	1,588
15 ppm sulfur and under	--	--	0	213	358	909	--	-76	--	27	1,528
Greater than 15 to 500 ppm sulfur	--	--	--	0	0	--	--	-7	--	0	7
Greater than 500 ppm sulfur	--	--	--	-6	2	37	--	-20	--	0	53
Residual Fuel Oil	--	--	--	35	107	3	--	16	--	1	128
Less than 0.31 percent sulfur	--	--	--	-1	--	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	28	48	--	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	9	59	3	--	15	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	0	--	--	--	--	8	-8
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	8	-8
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	12	4	16	--	-1	--	7	26
Waxes	--	--	--	0	2	--	--	0	--	3	-1
Petroleum Coke	--	--	--	20	0	19	--	--	--	23	16
Marketable	--	--	--	7	0	19	--	--	--	23	3
Catalyst	--	--	--	13	--	--	--	--	--	--	13
Asphalt and Road Oil	--	--	--	31	36	33	--	45	--	4	51
Still Gas	--	--	--	27	--	--	--	--	--	--	27
Miscellaneous Products	--	--	--	3	--	--	--	0	--	1	3
Total	655	0	16	3,534	1,723	3,673	-42	-230	3,504	365	5,919

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	64	68	--	--	466	135	-99	-27	638	23	0
Hydrocarbon Gas Liquids	620	-38	0	16	53	91	--	33	49	186	473
Natural Gas Liquids	620	-38	0	1	42	79	--	31	49	186	436
Ethane	246	--	--	--	--	-159	--	11	--	70	6
Propane	219	--	--	12	39	205	--	7	--	--	374
Normal Butane	67	--	--	-8	2	48	--	13	37	--	39
Isobutane	29	--	--	-3	1	-7	--	1	2	0	17
Natural Gasoline	59	-38	0	--	--	-8	--	0	11	3	0
Refinery Olefins	--	--	--	15	11	12	--	1	--	--	37
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	12	11	12	--	1	--	--	35
Normal Butylene	--	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	2	--	--	--	1	--	--	1
Other Liquids	--	-30	16	--	452	1,995	311	-87	2,824	5	1
Hydrogen/Biofuels/Other Hydrocarbons	--	--	16	--	14	294	49	30	338	4	1
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	16	--	14	294	46	30	335	4	1
Fuel Ethanol ⁶	--	--	11	--	--	285	46	18	320	3	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	4	--	14	9	--	12	14	1	1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-30	--	--	69	2	--	19	22	0	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	369	1,698	262	-136	2,464	0	0
Reformulated	--	--	--	--	126	239	58	-52	475	0	0
Conventional	--	--	--	--	243	1,460	203	-83	1,989	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,534	325	1,407	-308	-247	--	110	5,095
Finished Motor Gasoline	--	--	--	3,143	47	112	-308	-23	--	1	3,016
Reformulated	--	--	--	1,150	--	--	-75	0	--	--	1,075
Conventional	--	--	--	1,993	47	112	-233	-23	--	1	1,940
Finished Aviation Gasoline	--	--	--	--	1	1	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	--	--	72	45	417	--	-54	--	1	586
Kerosene	--	--	--	1	--	1	--	-6	--	0	8
Distillate Fuel Oil ⁶	--	--	0	196	153	806	--	-171	--	64	1,261
15 ppm sulfur and under	--	--	0	203	153	779	--	-167	--	43	1,257
Greater than 15 to 500 ppm sulfur	--	--	--	2	0	0	--	0	--	15	-12
Greater than 500 ppm sulfur	--	--	--	-9	--	27	--	-5	--	6	16
Residual Fuel Oil	--	--	--	42	45	--	--	-8	--	0	94
Less than 0.31 percent sulfur	--	--	--	-1	--	--	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	31	--	--	--	-14	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	12	45	--	--	9	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	0	--	--	--	--	--	0
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	11	6	17	--	-7	--	9	32
Waxes	--	--	--	0	3	--	--	0	--	2	0
Petroleum Coke	--	--	--	23	0	12	--	--	--	28	6
Marketable	--	--	--	9	0	12	--	--	--	28	-7
Catalyst	--	--	--	13	--	--	--	--	--	--	13
Asphalt and Road Oil	--	--	--	17	24	41	--	21	--	2	59
Still Gas	--	--	--	27	--	--	--	--	--	--	27
Miscellaneous Products	--	--	--	3	--	--	--	0	--	1	2
Total	685	0	15	3,549	1,295	3,628	-95	-328	3,512	324	5,570

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	61	42	--	--	567	109	-26	25	680	49	0
Hydrocarbon Gas Liquids	627	-38	0	25	34	54	--	-28	40	324	366
Natural Gas Liquids	627	-38	0	11	23	40	--	-26	40	324	326
Ethane	253	--	--	--	--	-189	--	-4	--	62	5
Propane	218	--	--	13	19	200	--	-26	--	--	281
Normal Butane	68	--	--	5	2	50	--	3	25	--	32
Isobutane	29	--	--	-6	2	-12	--	-1	5	0	8
Natural Gasoline	60	-38	0	--	--	-8	--	1	9	3	0
Refinery Olefins	--	--	--	14	11	13	--	-2	--	--	40
Ethylene	--	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	--	12	11	13	--	0	--	--	36
Normal Butylene	--	--	--	0	--	--	--	-2	--	--	2
Isobutylene	--	--	--	1	--	--	--	0	--	--	2
Other Liquids	--	-4	14	--	474	1,898	329	-149	2,835	11	14
Hydrogen/Biofuels/Other Hydrocarbons	--	--	14	--	15	237	71	-22	340	5	14
Hydrogen	--	--	--	--	--	--	4	--	4	--	0
Biofuels (including Fuel Ethanol)	--	--	14	--	15	237	67	-22	336	5	14
Fuel Ethanol ⁶	--	--	11	--	--	229	67	-19	323	3	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	3	--	15	8	--	-3	13	1	14
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4	--	--	35	0	--	17	7	6	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	425	1,661	258	-144	2,488	0	0
Reformulated	--	--	--	--	179	256	122	32	525	0	0
Conventional	--	--	--	--	245	1,405	137	-176	1,963	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,565	299	1,350	-325	-126	--	74	4,941
Finished Motor Gasoline	--	--	--	3,153	75	71	-325	4	--	2	2,968
Reformulated	--	--	--	1,163	--	--	-133	0	--	--	1,030
Conventional	--	--	--	1,990	75	71	-192	4	--	2	1,937
Finished Aviation Gasoline	--	--	--	--	--	4	--	1	--	--	2
Kerosene-Type Jet Fuel	--	--	--	103	42	426	--	46	--	1	524
Kerosene	--	--	--	0	--	--	--	-6	--	0	7
Distillate Fuel Oil ⁶	--	--	0	188	94	789	--	-170	--	11	1,231
15 ppm sulfur and under	--	--	0	191	94	764	--	-173	--	8	1,214
Greater than 15 to 500 ppm sulfur	--	--	--	0	0	2	--	-2	--	--	5
Greater than 500 ppm sulfur	--	--	--	-3	--	23	--	5	--	3	12
Residual Fuel Oil	--	--	--	42	44	--	--	12	--	3	72
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	33	15	--	--	5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	9	29	--	--	9	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	8	--	--	--	--	6	2
Naphtha for Petro. Feed. Use	--	--	--	--	8	--	--	--	--	--	8
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	6	-6
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	11	3	24	--	1	--	8	29
Waxes	--	--	--	0	3	--	--	-1	--	3	1
Petroleum Coke	--	--	--	21	0	7	--	--	--	38	-10
Marketable	--	--	--	8	0	7	--	--	--	38	-23
Catalyst	--	--	--	13	--	--	--	--	--	--	13
Asphalt and Road Oil	--	--	--	17	29	30	--	-12	--	2	86
Still Gas	--	--	--	27	--	--	--	--	--	--	27
Miscellaneous Products	--	--	--	2	--	--	--	0	--	1	1
Total	688	0	14	3,590	1,374	3,410	-22	-278	3,555	458	5,321

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	59	53	--	--	564	77	31	-20	780	24	0
Hydrocarbon Gas Liquids	611	-47	0	37	26	73	--	73	6	272	347
Natural Gas Liquids	611	-47	0	24	15	63	--	73	6	272	314
Ethane	234	--	--	--	--	-159	--	13	--	57	4
Propane	219	--	--	14	12	189	--	54	--	--	248
Normal Butane	67	--	--	11	3	53	--	4	1	--	47
Isobutane	29	--	--	-1	1	-10	--	0	4	0	15
Natural Gasoline	62	-47	0	--	--	-9	--	3	1	1	0
Refinery Olefins	--	--	--	12	10	10	--	0	--	--	33
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	10	10	10	--	0	--	--	31
Normal Butylene	--	--	--	0	--	--	--	-2	--	--	2
Isobutylene	--	--	--	2	--	--	--	2	--	--	0
Other Liquids	--	-6	13	--	621	2,046	248	-21	2,938	8	-2
Hydrogen/Biofuels/Other Hydrocarbons	--	--	13	--	1	305	-7	-36	344	6	-2
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	13	--	1	305	-10	-36	341	6	-2
Fuel Ethanol ⁶	--	--	10	--	--	303	-10	-31	330	4	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	3	--	1	2	--	-6	12	2	-2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-6	--	--	11	-2	--	-18	20	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	609	1,743	255	33	2,573	0	0
Reformulated	--	--	--	--	160	331	-66	-40	466	0	0
Conventional	--	--	--	--	449	1,411	320	73	2,107	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,723	366	1,371	-245	109	--	45	5,062
Finished Motor Gasoline	--	--	--	3,252	106	55	-245	6	--	1	3,160
Reformulated	--	--	--	1,177	--	--	56	0	--	--	1,233
Conventional	--	--	--	2,074	106	55	-301	6	--	1	1,926
Finished Aviation Gasoline	--	--	--	--	1	2	--	1	--	--	2
Kerosene-Type Jet Fuel	--	--	--	98	19	550	--	71	--	1	595
Kerosene	--	--	--	-1	--	--	--	-2	--	0	1
Distillate Fuel Oil ⁶	--	--	0	228	127	690	--	42	--	8	995
15 ppm sulfur and under	--	--	0	232	126	659	--	43	--	0	974
Greater than 15 to 500 ppm sulfur	--	--	--	-1	1	0	--	0	--	8	-7
Greater than 500 ppm sulfur	--	--	--	-3	--	30	--	-1	--	--	28
Residual Fuel Oil	--	--	--	48	70	--	--	17	--	8	93
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	32	24	--	--	10	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	15	47	--	--	4	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	0	--	--	--	--	0	0
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	0	0
Special Naphthas	--	--	--	0	0	--	--	0	--	--	1
Lubricants	--	--	--	13	5	17	--	-2	--	10	28
Waxes	--	--	--	0	3	--	--	0	--	3	0
Petroleum Coke	--	--	--	22	--	20	--	--	--	10	32
Marketable	--	--	--	8	--	20	--	--	--	10	18
Catalyst	--	--	--	14	--	--	--	--	--	--	14
Asphalt and Road Oil	--	--	--	35	34	38	--	-22	--	2	127
Still Gas	--	--	--	27	--	--	--	--	--	--	27
Miscellaneous Products	--	--	--	2	--	--	--	-1	--	1	2
Total	670	0	13	3,760	1,576	3,567	35	141	3,724	349	5,406

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	55	36	--	--	638	100	39	53	789	24	0
Hydrocarbon Gas Liquids	614	-50	0	34	21	37	--	11	5	352	288
Natural Gas Liquids	614	-50	0	24	11	26	--	12	5	352	257
Ethane	239	--	--	--	--	-172	--	-18	--	77	8
Propane	217	--	--	15	11	175	--	22	--	--	226
Normal Butane	66	--	--	10	--	41	--	5	1	--	8
Isobutane	30	--	--	-1	0	-9	--	1	4	0	15
Natural Gasoline	62	-50	0	--	--	-8	--	2	0	1	0
Refinery Olefins	--	--	--	10	9	11	--	-1	--	--	31
Ethylene	--	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	--	8	9	11	--	0	--	--	28
Normal Butylene	--	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	2	--	--	--	0	--	--	2
Other Liquids	--	14	16	--	651	2,031	220	-7	2,926	13	2
Hydrogen/Biofuels/Other Hydrocarbons	--	--	16	--	1	319	22	8	343	5	2
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	16	--	1	319	19	8	340	5	2
Fuel Ethanol ⁶	--	--	12	--	--	316	19	14	330	3	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	4	--	1	3	--	-5	10	2	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	14	--	--	33	0	--	0	40	7	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	617	1,712	198	-16	2,542	0	0
Reformulated	--	--	--	--	186	321	-1	-11	517	0	0
Conventional	--	--	--	--	431	1,392	199	-5	2,026	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,719	294	1,449	-217	10	--	79	5,155
Finished Motor Gasoline	--	--	--	3,255	122	58	-217	3	--	2	3,213
Reformulated	--	--	--	1,199	--	--	-8	0	--	--	1,192
Conventional	--	--	--	2,056	122	58	-209	3	--	2	2,021
Finished Aviation Gasoline	--	--	--	--	0	3	--	-1	--	--	5
Kerosene-Type Jet Fuel	--	--	--	95	12	473	--	-37	--	1	616
Kerosene	--	--	--	-1	--	--	--	-3	--	0	2
Distillate Fuel Oil ⁶	--	--	0	223	78	850	--	85	--	23	1,043
15 ppm sulfur and under	--	--	0	230	78	818	--	83	--	18	1,025
Greater than 15 to 500 ppm sulfur	--	--	--	-1	0	0	--	6	--	0	-7
Greater than 500 ppm sulfur	--	--	--	-6	--	32	--	-3	--	5	25
Residual Fuel Oil	--	--	--	44	43	--	--	2	--	18	68
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	35	--	--	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	9	43	--	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	0	--	--	--	--	0	0
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	0	0
Special Naphthas	--	--	--	0	0	1	--	0	--	--	1
Lubricants	--	--	--	12	4	19	--	0	--	10	25
Waxes	--	--	--	0	4	--	--	0	--	3	2
Petroleum Coke	--	--	--	24	0	3	--	--	--	19	8
Marketable	--	--	--	9	0	3	--	--	--	19	-7
Catalyst	--	--	--	15	--	--	--	--	--	--	15
Asphalt and Road Oil	--	--	--	35	29	42	--	-39	--	3	142
Still Gas	--	--	--	28	--	--	--	--	--	--	28
Miscellaneous Products	--	--	--	4	--	--	--	1	--	1	3
Total	669	0	16	3,753	1,603	3,616	42	67	3,720	468	5,444

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	60	50	--	--	654	80	25	-41	795	115	0
Hydrocarbon Gas Liquids	617	-54	0	35	20	60	--	36	5	304	333
Natural Gas Liquids	617	-54	0	24	9	46	--	34	5	304	300
Ethane	238	--	--	--	--	-161	--	8	--	67	2
Propane	218	--	--	15	9	177	--	34	--	--	231
Normal Butane	65	--	--	10	--	51	--	-7	1	--	50
Isobutane	31	--	--	-1	0	-12	--	-2	4	0	17
Natural Gasoline	65	-54	0	--	--	-10	--	0	0	1	0
Refinery Olefins	--	--	--	11	11	14	--	2	--	--	34
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	9	11	14	--	0	--	--	33
Normal Butylene	--	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	1	--	--	--	1	--	--	0
Other Liquids	--	4	18	--	453	1,846	516	-14	2,848	6	-1
Hydrogen/Biofuels/Other Hydrocarbons	--	--	18	--	1	236	89	5	334	5	-1
Hydrogen	--	--	--	--	--	--	2	--	2	--	0
Biofuels (including Fuel Ethanol)	--	--	18	--	1	236	86	5	332	5	-1
Fuel Ethanol ⁶	--	--	12	--	--	234	86	6	323	3	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	5	--	1	3	--	-1	9	2	-1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	4	--	--	29	0	--	-9	41	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	424	1,610	427	-11	2,473	0	0
Reformulated	--	--	--	--	88	318	107	-19	533	--	0
Conventional	--	--	--	--	336	1,292	321	9	1,940	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,643	373	1,286	-514	-11	--	83	4,716
Finished Motor Gasoline	--	--	--	3,178	108	54	-514	-13	--	1	2,837
Reformulated	--	--	--	1,165	--	--	-146	0	--	--	1,019
Conventional	--	--	--	2,013	108	54	-368	-13	--	1	1,818
Finished Aviation Gasoline	--	--	--	--	--	1	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	--	--	97	21	479	--	29	--	1	568
Kerosene	--	--	--	2	--	--	--	-1	--	0	3
Distillate Fuel Oil ⁶	--	--	0	220	130	682	--	-6	--	51	987
15 ppm sulfur and under	--	--	0	224	130	663	--	4	--	43	969
Greater than 15 to 500 ppm sulfur	--	--	--	0	0	--	--	-4	--	8	-4
Greater than 500 ppm sulfur	--	--	--	-3	--	19	--	-6	--	0	22
Residual Fuel Oil	--	--	--	42	56	--	--	-23	--	0	121
Less than 0.31 percent sulfur	--	--	--	--	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	32	5	--	--	-16	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	10	51	--	--	-6	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	2	--	--	--	--	9	-7
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	9	-9
Special Naphthas	--	--	--	1	0	--	--	0	--	--	0
Lubricants	--	--	--	13	3	17	--	6	--	7	20
Waxes	--	--	--	0	4	--	--	0	--	3	1
Petroleum Coke	--	--	--	23	--	8	--	--	--	7	25
Marketable	--	--	--	9	--	8	--	--	--	7	10
Catalyst	--	--	--	15	--	--	--	--	--	--	15
Asphalt and Road Oil	--	--	--	35	50	43	--	-2	--	3	127
Still Gas	--	--	--	29	--	--	--	--	--	--	29
Miscellaneous Products	--	--	--	4	--	--	--	1	--	1	2
Total	677	0	17	3,678	1,500	3,272	28	-30	3,647	508	5,048

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	57	61	--	--	637	92	45	-13	811	94	0
Hydrocarbon Gas Liquids	634	-51	0	34	31	36	--	20	7	317	339
Natural Gas Liquids	634	-51	0	23	20	26	--	20	7	317	308
Ethane	253	--	--	--	--	-183	--	-6	--	83	-7
Propane	221	--	--	15	18	184	--	3	--	--	259
Normal Butane	65	--	--	9	2	47	--	23	3	--	42
Isobutane	31	--	--	-1	0	-14	--	0	4	--	13
Natural Gasoline	63	-51	0	--	--	-8	--	1	1	2	0
Refinery Olefins	--	--	--	11	10	10	--	0	--	--	31
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	9	10	10	--	0	--	--	29
Normal Butylene	--	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	1	--	--	--	0	--	--	2
Other Liquids	--	-10	16	--	579	2,048	338	45	2,920	5	1
Hydrogen/Biofuels/Other Hydrocarbons	--	--	16	--	4	290	46	5	345	4	1
Hydrogen	--	--	--	--	--	--	2	--	2	--	0
Biofuels (including Fuel Ethanol)	--	--	16	--	4	290	43	5	342	4	1
Fuel Ethanol ⁶	--	--	12	--	--	287	43	5	333	4	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	4	--	4	3	--	0	9	0	1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-10	--	--	19	1	--	6	3	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	556	1,757	293	34	2,571	0	0
Reformulated	--	--	--	--	159	371	113	104	538	0	0
Conventional	--	--	--	--	397	1,386	180	-69	2,033	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,739	356	1,354	-336	-3	--	78	5,038
Finished Motor Gasoline	--	--	--	3,269	81	65	-336	6	--	1	3,072
Reformulated	--	--	--	1,188	--	--	-106	0	--	--	1,082
Conventional	--	--	--	2,082	81	65	-230	6	--	1	1,990
Finished Aviation Gasoline	--	--	--	--	--	1	--	1	--	--	0
Kerosene-Type Jet Fuel	--	--	--	101	17	498	--	-28	--	1	642
Kerosene	--	--	--	2	--	--	--	-1	--	0	3
Distillate Fuel Oil ⁶	--	--	0	225	119	714	--	63	--	15	979
15 ppm sulfur and under	--	--	0	229	119	688	--	57	--	15	965
Greater than 15 to 500 ppm sulfur	--	--	--	1	0	0	--	0	--	1	0
Greater than 500 ppm sulfur	--	--	--	-5	--	26	--	7	--	0	14
Residual Fuel Oil	--	--	--	39	84	3	--	-17	--	15	127
Less than 0.31 percent sulfur	--	--	--	0	33	3	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	32	23	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	7	27	--	--	-15	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	3	--	--	--	--	0	2
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	0	0
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	12	4	14	--	-2	--	7	25
Waxes	--	--	--	0	3	--	--	0	--	3	1
Petroleum Coke	--	--	--	24	0	16	--	--	--	32	8
Marketable	--	--	--	10	0	16	--	--	--	32	-6
Catalyst	--	--	--	15	--	--	--	--	--	--	15
Asphalt and Road Oil	--	--	--	36	45	44	--	-25	--	4	146
Still Gas	--	--	--	28	--	--	--	--	--	--	28
Miscellaneous Products	--	--	--	3	--	--	--	0	--	1	2
Total	691	0	16	3,773	1,602	3,530	47	50	3,738	494	5,378

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

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Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	57	28	--	--	590	118	5	18	749	31	0
Hydrocarbon Gas Liquids	685	-41	0	21	18	74	--	28	60	258	412
Natural Gas Liquids	685	-41	0	8	15	65	--	26	60	258	387
Ethane	299	--	--	--	--	-178	--	1	--	62	58
Propane	222	--	--	14	12	204	--	31	--	--	271
Normal Butane	68	--	--	-4	2	62	--	-6	46	--	46
Isobutane	31	--	--	-1	1	-13	--	0	5	0	12
Natural Gasoline	65	-41	0	--	--	-10	--	0	10	4	0
Refinery Olefins	--	--	--	13	4	9	--	1	--	--	25
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	10	4	9	--	0	--	--	23
Normal Butylene	--	--	--	0	--	--	--	2	--	--	-3
Isobutylene	--	--	--	2	--	--	--	-1	--	--	4
Other Liquids	--	13	15	--	406	2,002	388	-21	2,835	13	-2
Hydrogen/Biofuels/Other Hydrocarbons	--	--	15	--	2	325	-9	-8	339	4	-2
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	15	--	2	325	-11	-8	337	4	-2
Fuel Ethanol ⁶	--	--	10	--	--	320	-11	-12	326	4	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	5	--	2	5	--	4	10	0	-2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	13	--	--	20	0	--	-3	35	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	384	1,677	397	-10	2,461	8	0
Reformulated	--	--	--	--	151	252	87	-34	523	0	0
Conventional	--	--	--	--	233	1,426	310	23	1,938	8	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,655	314	1,329	-386	-124	--	70	4,966
Finished Motor Gasoline	--	--	--	3,206	103	41	-386	18	--	12	2,935
Reformulated	--	--	--	1,175	--	--	-122	0	--	--	1,053
Conventional	--	--	--	2,031	103	41	-264	18	--	12	1,882
Finished Aviation Gasoline	--	--	--	--	1	4	--	0	--	--	5
Kerosene-Type Jet Fuel	--	--	--	87	6	456	--	-49	--	0	597
Kerosene	--	--	--	6	--	--	--	0	--	0	5
Distillate Fuel Oil ⁶	--	--	0	214	98	766	--	-82	--	24	1,136
15 ppm sulfur and under	--	--	0	218	97	739	--	-89	--	23	1,121
Greater than 15 to 500 ppm sulfur	--	--	--	1	0	0	--	2	--	1	-1
Greater than 500 ppm sulfur	--	--	--	-5	--	27	--	5	--	0	16
Residual Fuel Oil	--	--	--	39	62	--	--	15	--	0	86
Less than 0.31 percent sulfur	--	--	--	0	5	--	--	5	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	31	17	--	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	8	41	--	--	12	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	0	--	--	--	--	5	-5
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	5	-5
Special Naphthas	--	--	--	1	0	--	--	0	--	--	0
Lubricants	--	--	--	13	4	13	--	0	--	6	24
Waxes	--	--	--	0	4	--	--	0	--	3	0
Petroleum Coke	--	--	--	23	0	12	--	--	--	17	18
Marketable	--	--	--	8	0	12	--	--	--	17	4
Catalyst	--	--	--	14	--	--	--	--	--	--	14
Asphalt and Road Oil	--	--	--	40	37	36	--	-25	--	3	135
Still Gas	--	--	--	27	--	--	--	--	--	--	27
Miscellaneous Products	--	--	--	3	--	--	--	0	--	1	2
Total	742	0	15	3,677	1,329	3,523	8	-99	3,644	372	5,375

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	55	58	--	--	665	108	-81	26	779	--	0
Hydrocarbon Gas Liquids	664	-40	0	17	19	55	--	32	80	196	408
Natural Gas Liquids	664	-40	0	2	17	45	--	30	80	196	383
Ethane	287	--	--	--	--	-181	--	7	--	63	37
Propane	220	--	--	14	16	204	--	27	--	--	307
Normal Butane	65	--	--	-11	1	45	--	0	61	--	27
Isobutane	31	--	--	-1	0	-14	--	0	5	0	12
Natural Gasoline	61	-40	0	--	--	-9	--	-3	14	1	0
Refinery Olefins	--	--	--	15	2	10	--	2	--	--	25
Ethylene	--	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	--	13	2	10	--	2	--	--	23
Normal Butylene	--	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	2	--	--	--	0	--	--	2
Other Liquids	--	-18	17	--	382	2,001	307	-108	2,782	5	11
Hydrogen/Biofuels/Other Hydrocarbons	--	--	17	--	16	290	9	-23	341	4	11
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	17	--	16	290	7	-23	339	4	11
Fuel Ethanol ⁶	--	--	12	--	6	286	7	-20	326	4	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	5	--	10	5	--	-4	12	0	11
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-18	--	--	57	-1	--	7	31	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	309	1,712	298	-92	2,410	0	0
Reformulated	--	--	--	--	121	215	47	-94	477	0	0
Conventional	--	--	--	--	188	1,497	251	2	1,933	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,669	302	1,478	-305	34	--	47	5,064
Finished Motor Gasoline	--	--	--	3,198	41	75	-305	-18	--	1	3,027
Reformulated	--	--	--	1,175	--	--	-79	0	--	--	1,096
Conventional	--	--	--	2,023	41	75	-225	-18	--	1	1,931
Finished Aviation Gasoline	--	--	--	--	1	4	--	0	--	--	4
Kerosene-Type Jet Fuel	--	--	--	93	56	468	--	7	--	7	604
Kerosene	--	--	--	5	--	1	--	4	--	0	2
Distillate Fuel Oil ⁶	--	--	0	226	82	866	--	29	--	9	1,136
15 ppm sulfur and under	--	--	0	226	82	837	--	32	--	6	1,106
Greater than 15 to 500 ppm sulfur	--	--	--	1	0	0	--	4	--	3	-5
Greater than 500 ppm sulfur	--	--	--	-1	--	29	--	-7	--	0	35
Residual Fuel Oil	--	--	--	40	80	--	--	27	--	0	92
Less than 0.31 percent sulfur	--	--	--	0	14	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	33	28	--	--	5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	7	38	--	--	23	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	0	--	--	--	--	0	0
Naphtha for Petro. Feed. Use	--	--	--	--	0	--	--	--	--	0	0
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	0	0
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	13	6	13	--	2	--	6	22
Waxes	--	--	--	0	3	--	--	0	--	2	0
Petroleum Coke	--	--	--	24	--	10	--	--	--	18	16
Marketable	--	--	--	9	--	10	--	--	--	18	1
Catalyst	--	--	--	15	--	--	--	--	--	--	15
Asphalt and Road Oil	--	--	--	39	34	42	--	-19	--	3	131
Still Gas	--	--	--	27	--	--	--	--	--	--	27
Miscellaneous Products	--	--	--	3	--	--	--	0	--	1	3
Total	719	0	17	3,686	1,369	3,642	-78	-16	3,641	247	5,483

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	57	49	--	--	635	105	-62	-36	821	--	0
Hydrocarbon Gas Liquids	691	-44	0	9	43	107	--	-17	65	205	552
Natural Gas Liquids	691	-44	0	-3	38	101	--	-16	65	205	529
Ethane	305	--	--	--	--	-190	--	-4	--	78	42
Propane	226	--	--	16	36	246	--	4	--	--	417
Normal Butane	67	--	--	-17	1	66	--	-16	54	--	58
Isobutane	31	--	--	-2	1	-13	--	0	5	0	12
Natural Gasoline	61	-44	0	--	--	-8	--	-1	7	2	0
Refinery Olefins	--	--	--	11	6	5	--	-1	--	--	23
Ethylene	--	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	--	11	6	5	--	0	--	--	22
Normal Butylene	--	--	--	0	--	--	--	1	--	--	-1
Isobutylene	--	--	--	0	--	--	--	-1	--	--	2
Other Liquids	--	-5	18	--	484	1,986	343	51	2,763	4	8
Hydrogen/Biofuels/Other Hydrocarbons	--	--	18	--	25	306	31	26	343	3	8
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	18	--	25	306	28	26	340	3	8
Fuel Ethanol ⁶	--	--	12	--	8	302	28	21	327	3	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	6	--	17	4	--	5	13	0	8
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5	--	--	38	-1	--	7	25	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	421	1,681	311	19	2,394	0	0
Reformulated	--	--	--	--	145	217	145	78	430	0	0
Conventional	--	--	--	--	276	1,463	166	-59	1,964	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,676	485	1,504	-340	152	--	38	5,136
Finished Motor Gasoline	--	--	--	3,190	82	62	-340	-14	--	1	3,006
Reformulated	--	--	--	1,191	--	--	-134	0	--	--	1,057
Conventional	--	--	--	1,999	82	62	-206	-14	--	1	1,949
Finished Aviation Gasoline	--	--	--	--	--	2	--	-2	--	--	3
Kerosene-Type Jet Fuel	--	--	--	89	58	482	--	15	--	1	613
Kerosene	--	--	--	8	--	1	--	15	--	0	-7
Distillate Fuel Oil ⁶	--	--	0	248	197	902	--	142	--	7	1,197
15 ppm sulfur and under	--	--	0	251	197	878	--	134	--	0	1,192
Greater than 15 to 500 ppm sulfur	--	--	--	1	0	0	--	-2	--	7	-3
Greater than 500 ppm sulfur	--	--	--	-5	--	24	--	11	--	0	8
Residual Fuel Oil	--	--	--	39	116	--	--	5	--	7	143
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	31	70	--	--	4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	9	46	--	--	4	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	1	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	13	4	11	--	-2	--	9	21
Waxes	--	--	--	-1	3	--	--	0	--	2	0
Petroleum Coke	--	--	--	23	--	9	--	--	--	6	26
Marketable	--	--	--	8	--	9	--	--	--	6	12
Catalyst	--	--	--	14	--	--	--	--	--	--	14
Asphalt and Road Oil	--	--	--	37	24	36	--	-9	--	4	101
Still Gas	--	--	--	28	--	--	--	--	--	--	28
Miscellaneous Products	--	--	--	3	--	--	--	0	--	1	3
Total	748	0	18	3,685	1,648	3,703	-59	151	3,648	247	5,696

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 4. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	56	44	--	--	612	108	-10	9	758	45	0
Hydrocarbon Gas Liquids	636	-37	0	12	43	99	--	-76	61	211	557
Natural Gas Liquids	636	-37	0	2	34	90	--	-72	61	211	525
Ethane	271	--	--	--	--	-157	--	-6	--	79	40
Propane	215	--	--	13	33	223	--	-57	--	--	446
Normal Butane	64	--	--	-12	1	43	--	-8	45	--	25
Isobutane	30	--	--	1	0	-11	--	1	4	0	14
Natural Gasoline	57	-37	0	--	--	-8	--	-2	12	1	0
Refinery Olefins	--	--	--	10	9	9	--	-4	--	--	32
Ethylene	--	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	--	9	9	9	--	-1	--	--	28
Normal Butylene	--	--	--	--	--	--	--	-4	--	--	4
Isobutylene	--	--	--	0	--	--	--	0	--	--	0
Other Liquids	--	-7	17	--	540	1,935	437	132	2,778	11	1
Hydrogen/Biofuels/Other Hydrocarbons	--	--	17	--	13	310	12	0	341	10	1
Hydrogen	--	--	--	--	--	--	3	--	3	--	0
Biofuels (including Fuel Ethanol)	--	--	17	--	13	310	9	0	338	10	1
Fuel Ethanol ⁶	--	--	11	--	--	302	9	-2	322	3	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	5	--	13	8	--	2	16	7	1
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-7	--	--	31	-2	--	-17	39	1	0
Motor Gasoline Blend.Comp. (MGBC) ⁶	--	--	--	--	496	1,626	425	149	2,398	0	0
Reformulated	--	--	--	--	179	216	203	87	511	0	0
Conventional	--	--	--	--	317	1,410	222	61	1,887	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	3,617	436	1,502	-434	185	--	51	4,884
Finished Motor Gasoline	--	--	--	3,158	82	78	-434	22	--	2	2,861
Reformulated	--	--	--	1,180	--	--	-202	0	--	--	978
Conventional	--	--	--	1,979	82	78	-233	22	--	2	1,883
Finished Aviation Gasoline	--	--	--	--	4	2	--	1	--	--	4
Kerosene-Type Jet Fuel	--	--	--	85	39	487	--	-2	--	12	601
Kerosene	--	--	--	4	3	1	--	22	--	0	-13
Distillate Fuel Oil ⁶	--	--	0	236	191	873	--	118	--	5	1,177
15 ppm sulfur and under	--	--	0	236	188	844	--	118	--	0	1,150
Greater than 15 to 500 ppm sulfur	--	--	--	-1	3	0	--	-4	--	5	1
Greater than 500 ppm sulfur	--	--	--	1	--	29	--	4	--	0	25
Residual Fuel Oil	--	--	--	38	61	--	--	0	--	2	97
Less than 0.31 percent sulfur	--	--	--	0	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	31	22	--	--	-11	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	8	38	--	--	11	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	19	-1	--	--	--	--	18
Naphtha for Petro. Feed. Use	--	--	--	--	19	--	--	--	--	--	19
Other Oils for Petro. Feed. Use	--	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas	--	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	--	12	4	17	--	3	--	6	24
Waxes	--	--	--	-1	2	--	--	1	--	2	0
Petroleum Coke	--	--	--	21	--	17	--	--	--	17	21
Marketable	--	--	--	7	--	17	--	--	--	17	7
Catalyst	--	--	--	14	--	--	--	--	--	--	14
Asphalt and Road Oil	--	--	--	32	30	28	--	20	--	4	67
Still Gas	--	--	--	27	--	--	--	--	--	--	27
Miscellaneous Products	--	--	--	3	--	--	--	0	--	0	2
Total	692	0	16	3,629	1,631	3,644	-7	249	3,596	318	5,441

-- = Not Applicable.
 - = No Data Reported.
 NA = Not Available.
¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.
⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.
 Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
 Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	50,983	-1,016	--	--	93,354	-27,411	-423	-7,041	121,369	1,160	0	110,478	
Hydrocarbon Gas Liquids	32,896	-1,074	-652	1,291	2,316	-13,407	--	-9,154	3,733	8,102	18,689	40,757	
Natural Gas Liquids	32,896	-1,074	-652	-118	2,155	-12,494	--	-9,069	3,733	8,102	17,948	40,282	
Ethane	12,646	--	--	--	--	-6,115	--	-871	--	2,523	4,879	6,062	
Propane	11,158	--	--	2,402	1,702	-9,016	--	-5,969	--	134	12,082	15,469	
Normal Butane	3,919	--	--	-2,340	371	-2,642	--	-2,137	1,230	43	172	6,716	
Isobutane	1,719	--	--	-180	75	828	--	-139	1,765	1	815	2,213	
Natural Gasoline	3,454	-1,074	-652	--	7	4,451	--	47	738	5,401	0	9,822	
Refinery Olefins	--	--	--	1,409	161	-914	--	-85	--	--	741	475	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,466	120	-914	--	-28	--	--	700	425	
Normal Butylene	--	--	--	-57	41	--	--	-57	--	--	41	50	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	2,090	32,917	--	905	-17,435	-4,100	9,163	1,540	2,487	1,187	79,402	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,917	--	107	-19,759	-1,524	1,565	8,279	709	1,187	12,195	
Hydrogen	--	--	--	--	--	--	1,332	--	1,332	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	32,917	--	107	-19,759	-2,868	1,567	6,933	709	1,187	12,181	
Fuel Ethanol	--	--	30,408	--	--	-18,833	-2,868	1,360	6,702	645	0	10,741	
Biofuels (excluding Fuel Ethanol) ⁶	--	--	2,509	--	107	-926	--	207	231	64	1,187	1,440	
Other Hydrocarbons	--	--	--	--	--	--	12	-2	14	--	0	14	
Unfinished Oils	--	2,090	--	--	--	-1,007	--	-175	-510	1,768	0	13,095	
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	798	3,331	-2,576	7,772	-6,229	10	0	54,111	
Reformulated	--	--	0	--	--	255	1,080	980	355	--	0	5,629	
Conventional	--	--	0	--	798	3,076	-3,655	6,793	-6,584	10	0	48,482	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	61	133,314	1,564	-627	5,444	7,039	--	776	131,939	61,420	
Finished Motor Gasoline	--	--	63	69,400	--	-469	5,444	249	--	277	73,912	4,651	
Reformulated	--	--	--	9,646	--	--	-997	--	--	--	8,649	--	
Conventional	--	--	63	59,754	--	-469	6,441	249	--	277	65,263	4,651	
Finished Aviation Gasoline	--	--	--	1	2	42	--	-1	--	--	46	171	
Kerosene-Type Jet Fuel	--	--	--	8,019	--	812	--	515	--	9	8,307	7,336	
Kerosene	--	--	0	443	--	13	--	43	--	0	413	180	
Distillate Fuel Oil	--	--	-3	36,369	448	2,100	--	3,536	--	62	35,316	32,632	
15 ppm sulfur and under	--	--	-3	36,300	436	1,965	--	3,419	--	0	35,279	31,924	
Greater than 15 to 500 ppm sulfur	--	--	0	129	1	135	--	72	--	33	160	308	
Greater than 500 ppm sulfur	--	--	0	-60	11	--	--	45	--	29	-123	400	
Residual Fuel Oil	--	--	--	1,152	190	-1,028	--	82	--	--	232	1,039	
Less than 0.31 percent sulfur	--	--	--	88	--	--	--	12	--	NA	--	63	
0.31 to 1.00 percent sulfur	--	--	--	439	15	-496	--	24	--	NA	--	220	
Greater than 1.00 percent sulfur	--	--	--	625	175	-532	--	46	--	NA	--	756	
Petrochemical Feedstocks	--	--	--	985	160	-64	--	39	--	--	1,042	571	
Naphtha for Petro. Feed. Use	--	--	--	582	91	-42	--	46	--	--	585	458	
Other Oils for Petro. Feed. Use	--	--	--	403	69	-22	--	-7	--	--	457	113	
Special Naphthas	--	--	--	-36	8	43	--	-28	--	--	43	124	
Lubricants	--	--	--	217	205	195	--	12	--	172	433	733	
Waxes	--	--	--	42	10	--	--	-2	--	26	28	38	
Petroleum Coke	--	--	--	6,255	7	-1,449	--	1,046	--	144	3,623	2,548	
Marketable	--	--	--	4,729	7	-1,449	--	1,046	--	144	2,097	2,548	
Catalyst	--	--	--	1,526	--	--	--	--	--	--	1,526	--	
Asphalt and Road Oil	--	--	--	5,533	534	-831	--	1,540	--	85	3,611	11,265	
Still Gas	--	--	--	4,439	--	--	--	--	--	--	4,439	--	
Miscellaneous Products	--	--	--	495	--	9	--	8	--	1	495	132	
Total	83,879	0	32,325	134,605	98,139	-58,881	921	7	126,642	12,524	151,815	292,057	

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	46,056	-454	--	--	79,386	-22,092	-720	-8,060	108,695	1,540	0	102,418
Hydrocarbon Gas Liquids	29,172	-1,730	-556	1,763	2,253	-9,537	--	-5,868	2,983	7,109	17,140	34,890
Natural Gas Liquids	29,172	-1,730	-556	496	2,074	-8,803	--	-5,798	2,983	7,109	16,358	34,485
Ethane	10,845	--	--	--	--	-4,466	--	-108	--	2,480	4,007	5,954
Propane	10,128	--	--	2,102	1,648	-7,720	--	-5,013	--	143	11,028	10,456
Normal Butane	3,523	--	--	-1,464	252	-2,422	--	-1,184	920	47	106	5,532
Isobutane	1,569	--	--	-142	172	1,017	--	-30	1,427	2	1,218	2,183
Natural Gasoline	3,107	-1,730	-556	--	2	4,788	--	537	636	4,437	0	10,360
Refinery Olefins	--	--	--	1,267	179	-735	--	-70	--	--	781	405
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1,260	101	-735	--	-109	--	--	735	316
Normal Butylene	--	--	--	7	78	--	--	39	--	--	46	89
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	2,184	29,093	--	539	-16,074	-2,861	1,871	7,226	2,410	1,374	81,272
Hydrogen/Biofuels/Other Hydrocarbons	--	--	29,093	--	18	-18,711	-82	523	7,820	601	1,374	12,718
Hydrogen	--	--	--	--	--	--	1,158	--	1,158	--	0	--
Biofuels (including Fuel Ethanol)	--	--	29,093	--	18	-18,711	-1,251	519	6,655	601	1,374	12,700
Fuel Ethanol	--	--	26,748	--	--	-17,982	-1,251	541	6,421	552	0	11,282
Biofuels (excluding Fuel Ethanol) ⁶	--	--	2,346	--	18	-729	--	-22	234	49	1,374	1,418
Other Hydrocarbons	--	--	--	--	--	--	11	4	7	--	0	18
Unfinished Oils	--	2,184	--	--	--	-780	--	-884	494	1,794	0	12,211
Motor Gasoline Blend.Comp. (MGBC)	--	--	-1	--	521	3,417	-2,778	2,232	-1,088	16	0	56,343
Reformulated	--	--	--	--	--	169	1,997	934	1,232	--	0	6,563
Conventional	--	--	-1	--	521	3,248	-4,775	1,298	-2,320	16	0	49,779
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	76	123,323	1,311	-1,699	4,030	1,471	--	653	124,918	62,891
Finished Motor Gasoline	--	--	79	65,820	--	-576	4,030	-239	--	273	69,318	4,412
Reformulated	--	--	--	9,046	--	--	-1,845	--	--	--	7,201	--
Conventional	--	--	79	56,774	--	-576	5,874	-239	--	273	62,117	4,412
Finished Aviation Gasoline	--	--	--	30	3	12	--	29	--	--	16	200
Kerosene-Type Jet Fuel	--	--	--	7,490	--	1,080	--	1,016	--	8	7,546	8,352
Kerosene	--	--	0	160	--	13	--	-36	--	0	209	144
Distillate Fuel Oil	--	--	-3	32,955	259	384	--	-925	--	121	34,399	31,707
15 ppm sulfur and under	--	--	-3	33,062	248	330	--	-817	--	0	34,454	31,107
Greater than 15 to 500 ppm sulfur	--	--	0	82	--	54	--	-32	--	28	140	276
Greater than 500 ppm sulfur	--	--	0	-189	11	--	--	-76	--	93	-195	324
Residual Fuel Oil	--	--	--	1,157	64	-550	--	279	--	--	392	1,318
Less than 0.31 percent sulfur	--	--	--	86	--	--	--	37	--	NA	--	100
0.31 to 1.00 percent sulfur	--	--	--	309	13	-281	--	18	--	NA	--	238
Greater than 1.00 percent sulfur	--	--	--	762	51	-269	--	224	--	NA	--	980
Petrochemical Feedstocks	--	--	--	995	141	-74	--	41	--	--	1,021	612
Naphtha for Petro. Feed. Use	--	--	--	612	82	-84	--	40	--	--	570	498
Other Oils for Petro. Feed. Use	--	--	--	383	59	10	--	1	--	--	451	114
Special Naphthas	--	--	--	-4	7	30	--	7	--	--	26	131
Lubricants	--	--	--	208	177	202	--	-20	--	188	419	713
Waxes	--	--	--	36	8	--	--	3	--	26	15	41
Petroleum Coke	--	--	--	5,498	6	-1,194	--	336	--	17	3,957	2,884
Marketable	--	--	--	4,165	6	-1,194	--	336	--	17	2,624	2,884
Catalyst	--	--	--	1,333	--	--	--	--	--	--	1,333	--
Asphalt and Road Oil	--	--	--	4,457	646	-1,037	--	985	--	18	3,063	12,250
Still Gas	--	--	--	4,002	--	--	--	--	--	--	4,002	--
Miscellaneous Products	--	--	--	519	--	11	--	-5	--	1	534	127
Total	75,228	0	28,613	125,086	83,489	-49,402	449	-10,586	118,904	11,712	143,432	281,471

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	53,005	247	--	--	94,146	-22,455	-2,195	4,573	115,295	2,881	0	106,991
Hydrocarbon Gas Liquids	35,692	-2,535	-655	3,269	2,321	-16,691	--	-1,699	2,840	7,011	13,247	33,191
Natural Gas Liquids	35,692	-2,535	-655	1,986	2,109	-15,809	--	-1,607	2,840	7,011	12,542	32,878
Ethane	14,642	--	--	--	--	-6,750	--	331	--	2,110	5,451	6,285
Propane	11,638	--	--	2,326	1,490	-10,393	--	-1,519	--	178	6,402	8,937
Normal Butane	3,728	--	--	-41	462	-3,759	--	-130	435	64	21	5,402
Isobutane	2,037	--	--	-299	151	558	--	134	1,642	3	668	2,317
Natural Gasoline	3,647	-2,535	-655	--	6	4,535	--	-423	763	4,657	0	9,937
Refinery Olefins	--	--	--	1,283	212	-882	--	-92	--	--	705	313
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1,280	167	-882	--	-25	--	--	590	291
Normal Butylene	--	--	--	3	45	--	--	-67	--	--	115	22
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	2,288	32,693	--	500	-16,156	-5,311	-3,869	13,379	3,011	1,492	77,404
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,693	--	73	-18,794	-3,536	-701	8,852	794	1,492	12,017
Hydrogen	--	--	--	--	--	--	1,195	--	1,195	--	0	--
Biofuels (including Fuel Ethanol)	--	--	32,693	--	73	-18,794	-4,741	-692	7,638	794	1,492	12,008
Fuel Ethanol	--	--	29,919	--	--	-17,852	-4,741	-704	7,338	692	0	10,579
Biofuels (excluding Fuel Ethanol) ⁶	--	--	2,774	--	73	-942	--	11	300	102	1,492	1,429
Other Hydrocarbons	--	--	--	--	--	--	10	-9	19	--	0	9
Unfinished Oils	--	2,288	--	--	--	-910	--	1,018	-1,814	2,174	0	13,229
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	427	3,548	-1,776	-4,185	6,341	43	0	52,158
Reformulated	--	--	0	--	--	252	2,517	-673	3,442	--	0	5,890
Conventional	--	--	0	--	427	3,296	-4,293	-3,512	2,899	43	0	46,267
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	127	135,008	1,454	-781	6,516	-2,083	--	899	143,509	60,808
Finished Motor Gasoline	--	--	130	74,792	--	-382	6,516	-29	--	325	80,761	4,383
Reformulated	--	--	--	10,215	--	--	-2,416	--	--	--	7,799	--
Conventional	--	--	130	64,577	--	-382	8,933	-29	--	325	72,962	4,383
Finished Aviation Gasoline	--	--	--	--	4	--	--	-19	--	--	23	181
Kerosene-Type Jet Fuel	--	--	--	6,947	--	829	--	-876	--	12	8,640	7,476
Kerosene	--	--	--	27	--	--	--	-28	--	0	55	116
Distillate Fuel Oil	--	--	-3	35,342	249	1,687	--	-2,218	--	183	39,310	29,489
15 ppm sulfur and under	--	--	-3	35,179	245	1,601	--	-2,317	--	2	39,337	28,790
Greater than 15 to 500 ppm sulfur	--	--	--	189	3	86	--	-4	--	26	256	272
Greater than 500 ppm sulfur	--	--	--	-26	1	--	--	103	--	155	-283	427
Residual Fuel Oil	--	--	--	999	127	-860	--	-206	--	0	472	1,112
Less than 0.31 percent sulfur	--	--	--	45	--	-48	--	-32	--	NA	--	68
0.31 to 1.00 percent sulfur	--	--	--	549	18	-467	--	-42	--	NA	--	196
Greater than 1.00 percent sulfur	--	--	--	405	109	-345	--	-132	--	NA	--	848
Petrochemical Feedstocks	--	--	--	884	179	-42	--	-66	--	--	1,087	546
Naphtha for Petro. Feed. Use	--	--	--	476	104	-22	--	-45	--	--	603	453
Other Oils for Petro. Feed. Use	--	--	--	408	75	-20	--	-21	--	--	484	93
Special Naphthas	--	--	--	-66	5	29	--	3	--	--	-35	134
Lubricants	--	--	--	175	247	127	--	-88	--	196	441	625
Waxes	--	--	--	32	18	--	--	-2	--	48	4	39
Petroleum Coke	--	--	--	5,648	50	-1,110	--	184	--	64	4,340	3,068
Marketable	--	--	--	4,197	50	-1,110	--	184	--	64	2,889	3,068
Catalyst	--	--	--	1,451	--	--	--	--	--	--	1,451	--
Asphalt and Road Oil	--	--	--	5,377	575	-1,069	--	1,281	--	69	3,533	13,531
Still Gas	--	--	--	4,333	--	--	--	--	--	--	4,333	--
Miscellaneous Products	--	--	--	518	--	10	--	-19	--	2	545	108
Total	88,697	0	32,164	138,277	98,421	-56,083	-990	-3,077	131,514	13,803	158,248	278,393

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	45,093	1,876	--	--	81,286	-16,611	-664	-1,598	110,541	2,036	0	105,393
Hydrocarbon Gas Liquids	31,628	-2,729	-566	5,262	2,069	-16,185	--	911	2,799	7,993	7,776	34,102
Natural Gas Liquids	31,628	-2,729	-566	3,873	1,840	-15,306	--	900	2,799	7,993	7,048	33,778
Ethane	12,385	--	--	--	--	-6,786	--	-326	--	3,021	2,904	5,959
Propane	10,549	--	--	2,345	1,165	-10,561	--	162	--	100	3,236	9,099
Normal Butane	3,399	--	--	1,829	369	-3,795	--	1,369	303	62	68	6,771
Isobutane	1,895	--	--	-301	302	725	--	35	1,742	3	840	2,352
Natural Gasoline	3,400	-2,729	-566	--	4	5,111	--	-340	754	4,806	0	9,597
Refinery Olefins	--	--	--	1,389	229	-878	--	11	--	--	729	324
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1,243	119	-878	--	-15	--	--	499	276
Normal Butylene	--	--	--	146	110	--	--	26	--	--	230	48
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	853	29,903	--	302	-14,106	-2,570	-6,462	16,128	3,339	1,375	70,942
Hydrogen/Biofuels/Other Hydrocarbons	--	--	29,903	--	70	-18,118	-1,346	-547	8,720	960	1,375	11,470
Hydrogen	--	--	--	--	--	--	1,060	--	1,060	--	0	--
Biofuels (including Fuel Ethanol)	--	--	29,903	--	70	-18,118	-2,425	-549	7,643	960	1,375	11,459
Fuel Ethanol	--	--	27,265	--	--	-17,288	-2,425	-430	7,226	756	0	10,149
Biofuels (excluding Fuel Ethanol) ⁶	--	--	2,638	--	70	-831	--	-119	417	204	1,375	1,310
Other Hydrocarbons	--	--	--	--	--	--	19	2	17	--	0	11
Unfinished Oils	--	853	--	--	--	81	--	448	-1,336	1,822	0	13,677
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	232	3,931	-1,225	-6,363	8,744	557	0	45,795
Reformulated	--	--	0	--	--	1,252	568	-83	1,903	--	0	5,807
Conventional	--	--	0	--	232	2,679	-1,793	-6,280	6,841	557	0	39,987
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	107	130,759	1,336	-747	3,649	-2,589	--	1,448	136,244	58,219
Finished Motor Gasoline	--	--	110	73,599	--	-28	3,649	144	--	407	76,779	4,527
Reformulated	--	--	--	9,898	--	--	-492	--	--	--	9,406	--
Conventional	--	--	110	63,701	--	-28	4,141	144	--	407	67,373	4,527
Finished Aviation Gasoline	--	--	--	30	5	25	--	-9	--	--	69	172
Kerosene-Type Jet Fuel	--	--	--	7,756	34	717	--	-403	--	25	8,885	7,073
Kerosene	--	--	--	2	--	--	--	-11	--	1	12	105
Distillate Fuel Oil	--	--	-3	32,957	130	706	--	-2,366	--	206	35,950	27,123
15 ppm sulfur and under	--	--	-3	33,194	116	497	--	-2,147	--	0	35,951	26,643
Greater than 15 to 500 ppm sulfur	--	--	--	104	3	209	--	-44	--	35	325	228
Greater than 500 ppm sulfur	--	--	--	-341	11	--	--	-175	--	171	-326	252
Residual Fuel Oil	--	--	--	1,087	78	-664	--	91	--	--	410	1,203
Less than 0.31 percent sulfur	--	--	--	83	--	--	--	-14	--	NA	--	54
0.31 to 1.00 percent sulfur	--	--	--	439	9	-402	--	65	--	NA	--	261
Greater than 1.00 percent sulfur	--	--	--	565	69	-262	--	40	--	NA	--	888
Petrochemical Feedstocks	--	--	--	797	149	-97	--	-48	--	--	897	498
Naphtha for Petro. Feed. Use	--	--	--	447	86	-97	--	-56	--	--	492	397
Other Oils for Petro. Feed. Use	--	--	--	350	63	--	--	8	--	--	405	101
Special Naphthas	--	--	--	-29	6	21	--	18	--	--	-20	152
Lubricants	--	--	--	107	245	183	--	-52	--	217	370	573
Waxes	--	--	--	24	19	--	--	-11	--	45	9	28
Petroleum Coke	--	--	--	5,155	28	-433	--	-336	--	529	4,557	2,732
Marketable	--	--	--	3,779	28	-433	--	-336	--	529	3,181	2,732
Catalyst	--	--	--	1,376	--	--	--	--	--	--	1,376	--
Asphalt and Road Oil	--	--	--	4,621	642	-1,182	--	405	--	16	3,659	13,936
Still Gas	--	--	--	4,201	--	--	--	--	--	--	4,201	--
Miscellaneous Products	--	--	--	452	--	5	--	-11	--	2	466	97
Total	76,721	0	29,443	136,021	84,993	-47,649	415	-9,737	129,468	14,816	145,396	268,656

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	51,695	1,784	--	--	86,795	-16,698	-3,176	-1,960	120,848	1,511	0	103,433	
Hydrocarbon Gas Liquids	35,240	-3,914	-638	6,057	2,015	-13,995	--	7,300	2,572	7,000	7,893	41,402	
Natural Gas Liquids	35,240	-3,914	-638	4,714	1,833	-13,134	--	7,251	2,572	7,000	7,278	41,029	
Ethane	13,762	--	--	--	--	-7,164	--	700	--	2,435	3,463	6,659	
Propane	11,711	--	--	2,393	1,095	-9,902	--	3,127	--	164	2,007	12,226	
Normal Butane	3,974	--	--	2,592	392	-3,930	--	2,629	18	86	295	9,400	
Isobutane	1,939	--	--	-271	340	1,088	--	-251	1,832	2	1,513	2,101	
Natural Gasoline	3,854	-3,914	-638	--	6	6,773	--	1,046	722	4,313	0	10,643	
Refinery Olefins	--	--	--	1,343	182	-861	--	49	--	--	615	373	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,292	112	-861	--	2	--	--	541	278	
Normal Butylene	--	--	--	51	70	--	--	47	--	--	74	95	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	2,130	32,415	--	377	-13,804	-1,764	-4,398	19,028	3,278	1,446	66,544	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,415	--	42	-19,312	-1,882	-604	9,422	999	1,446	10,866	
Hydrogen	--	--	--	--	--	--	1,133	--	1,133	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	32,415	--	42	-19,312	-3,027	-613	8,286	999	1,446	10,846	
Fuel Ethanol	--	--	29,612	--	--	-18,654	-3,027	-530	7,754	707	0	9,619	
Biofuels (excluding Fuel Ethanol) ⁶	--	--	2,803	--	42	-658	--	-83	532	292	1,446	1,227	
Other Hydrocarbons	--	--	--	--	--	--	12	9	3	--	0	20	
Unfinished Oils	--	2,130	--	--	--	-224	--	254	-562	2,214	0	13,931	
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	335	5,732	119	-4,048	10,168	66	0	41,747	
Reformulated	--	--	0	--	--	1,512	-146	-608	1,974	--	0	5,199	
Conventional	--	--	0	--	335	4,220	265	-3,440	8,194	66	0	36,547	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	137	142,583	1,352	-390	2,909	-351	--	1,568	145,374	57,868	
Finished Motor Gasoline	--	--	139	78,882	--	-183	2,909	-705	--	511	81,941	3,822	
Reformulated	--	--	--	10,451	--	--	295	--	--	--	10,746	--	
Conventional	--	--	139	68,431	--	-183	2,614	-705	--	511	71,196	3,822	
Finished Aviation Gasoline	--	--	--	24	5	-27	--	18	--	--	-16	190	
Kerosene-Type Jet Fuel	--	--	--	8,406	--	808	--	107	--	32	9,075	7,180	
Kerosene	--	--	--	2	--	--	--	-21	--	2	21	84	
Distillate Fuel Oil	--	--	-3	37,318	262	2,236	--	-3	--	278	39,538	27,120	
15 ppm sulfur and under	--	--	-3	37,234	213	1,936	--	-135	--	0	39,515	26,508	
Greater than 15 to 500 ppm sulfur	--	--	0	93	17	300	--	101	--	144	165	329	
Greater than 500 ppm sulfur	--	--	--	-9	32	--	--	31	--	135	-143	283	
Residual Fuel Oil	--	--	--	1,192	196	-770	--	11	--	--	607	1,214	
Less than 0.31 percent sulfur	--	--	--	82	--	-80	--	5	--	NA	--	59	
0.31 to 1.00 percent sulfur	--	--	--	531	6	-347	--	35	--	NA	--	296	
Greater than 1.00 percent sulfur	--	--	--	579	190	-343	--	-29	--	NA	--	859	
Petrochemical Feedstocks	--	--	--	878	122	-48	--	-6	--	--	958	492	
Naphtha for Petro. Feed. Use	--	--	--	461	71	-48	--	-26	--	--	510	371	
Other Oils for Petro. Feed. Use	--	--	--	417	51	--	--	20	--	--	448	121	
Special Naphthas	--	--	--	-33	7	12	--	3	--	--	-17	155	
Lubricants	--	--	--	233	213	228	--	69	--	190	415	642	
Waxes	--	--	--	40	15	--	--	12	--	31	12	40	
Petroleum Coke	--	--	--	5,584	17	-1,094	--	143	--	508	3,856	2,875	
Marketable	--	--	--	4,101	17	-1,094	--	143	--	508	2,373	2,875	
Catalyst	--	--	--	1,483	--	--	--	--	--	--	1,483	--	
Asphalt and Road Oil	--	--	--	5,286	515	-1,552	--	18	--	14	4,217	13,954	
Still Gas	--	--	--	4,306	--	--	--	--	--	--	4,306	--	
Miscellaneous Products	--	--	--	465	--	--	--	3	--	1	461	100	
Total	86,935	0	31,913	148,640	90,539	-44,887	-2,031	591	142,448	13,357	154,713	269,247	

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	50,916	568	--	--	85,072	-9,963	-2,280	278	120,595	3,440	0	103,711
Hydrocarbon Gas Liquids	35,201	-2,871	-670	5,976	1,623	-17,604	--	4,987	2,637	7,436	6,595	46,389
Natural Gas Liquids	35,201	-2,871	-670	4,636	1,515	-16,783	--	4,863	2,637	7,436	6,092	45,892
Ethane	13,475	--	--	--	--	-7,992	--	-218	--	1,478	4,223	6,441
Propane	11,607	--	--	2,467	888	-9,691	--	4,019	--	134	1,118	16,245
Normal Butane	4,119	--	--	2,379	425	-4,276	--	2,064	25	178	380	11,464
Isobutane	1,876	--	--	-210	198	163	--	-134	1,787	2	371	1,967
Natural Gasoline	4,124	-2,871	-670	--	4	5,014	--	-868	825	5,644	0	9,775
Refinery Olefins	--	--	--	1,340	108	-821	--	124	--	--	503	497
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1,227	85	-821	--	80	--	--	411	358
Normal Butylene	--	--	--	113	23	--	--	44	--	--	92	139
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	2,303	32,441	--	424	-11,942	-1,054	185	16,218	3,948	1,821	66,729
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,441	--	67	-18,967	-2,221	-843	9,258	1,083	1,821	10,023
Hydrogen	--	--	--	--	--	--	1,116	--	1,116	--	0	--
Biofuels (including Fuel Ethanol)	--	--	32,441	--	67	-18,967	-3,349	-838	8,125	1,083	1,821	10,008
Fuel Ethanol	--	--	29,485	--	--	-18,402	-3,349	-655	7,597	792	0	8,964
Biofuels (excluding Fuel Ethanol) ⁶	--	--	2,956	--	67	-565	--	-183	528	291	1,821	1,044
Other Hydrocarbons	--	--	--	--	--	--	12	-5	17	--	0	15
Unfinished Oils	--	2,303	--	--	--	-166	--	492	-1,022	2,667	0	14,423
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	357	7,191	1,167	536	7,982	197	0	42,283
Reformulated	--	--	0	--	--	2,448	-595	470	1,383	--	0	5,669
Conventional	--	--	0	--	357	4,743	1,762	66	6,599	197	0	36,613
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	178	140,354	1,580	3,492	2,182	-1,176	--	1,871	147,091	56,692
Finished Motor Gasoline	--	--	181	77,559	--	2,450	2,182	621	--	508	81,243	4,443
Reformulated	--	--	--	10,103	--	--	789	--	--	--	10,892	--
Conventional	--	--	181	67,456	--	2,450	1,393	621	--	508	70,351	4,443
Finished Aviation Gasoline	--	--	--	1	5	23	--	-28	--	--	57	162
Kerosene-Type Jet Fuel	--	--	--	8,158	--	1,276	--	197	--	24	9,213	7,377
Kerosene	--	--	--	59	--	--	--	10	--	1	48	94
Distillate Fuel Oil	--	--	-3	36,076	275	2,228	--	-1,540	--	154	39,961	25,580
15 ppm sulfur and under	--	--	-3	36,079	239	2,078	--	-1,485	--	1	39,877	25,023
Greater than 15 to 500 ppm sulfur	--	--	0	136	13	101	--	-21	--	46	225	308
Greater than 500 ppm sulfur	--	--	--	-139	23	49	--	-34	--	108	-141	249
Residual Fuel Oil	--	--	--	1,122	131	-984	--	-11	--	0	280	1,203
Less than 0.31 percent sulfur	--	--	--	98	--	-46	--	58	--	NA	--	117
0.31 to 1.00 percent sulfur	--	--	--	379	13	-454	--	-47	--	NA	--	249
Greater than 1.00 percent sulfur	--	--	--	645	118	-484	--	-22	--	NA	--	837
Petrochemical Feedstocks	--	--	--	868	172	-49	--	64	--	4	923	556
Naphtha for Petro. Feed. Use	--	--	--	488	95	-49	--	76	--	--	458	447
Other Oils for Petro. Feed. Use	--	--	--	380	77	--	--	-12	--	4	465	109
Special Naphthas	--	--	--	-40	9	35	--	-22	--	--	26	133
Lubricants	--	--	--	236	227	239	--	-40	--	219	523	602
Waxes	--	--	--	39	17	--	--	2	--	36	18	42
Petroleum Coke	--	--	--	6,099	20	-769	--	360	--	776	4,213	3,235
Marketable	--	--	--	4,632	20	-769	--	360	--	776	2,746	3,235
Catalyst	--	--	--	1,467	--	--	--	--	--	--	1,467	--
Asphalt and Road Oil	--	--	--	5,324	724	-965	--	-804	--	147	5,740	13,150
Still Gas	--	--	--	4,372	--	--	--	--	--	--	4,372	--
Miscellaneous Products	--	--	--	481	--	8	--	15	--	2	472	115
Total	86,117	0	31,949	146,330	88,699	-36,016	-1,152	4,274	139,450	16,695	155,507	273,521

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	51,443	-703	--	--	83,060	-8,798	-552	5,281	117,910	1,259	0	108,992	
Hydrocarbon Gas Liquids	35,870	-2,136	-655	5,880	2,188	-18,945	--	5,948	2,689	7,495	6,070	52,336	
Natural Gas Liquids	35,870	-2,136	-655	4,436	1,987	-17,929	--	5,961	2,689	7,495	5,428	51,852	
Ethane	13,387	--	--	--	--	-8,238	--	43	--	1,342	3,764	6,484	
Propane	11,934	--	--	2,322	1,183	-10,457	--	3,120	--	150	1,713	19,365	
Normal Butane	4,144	--	--	2,389	623	-4,481	--	2,776	15	294	-411	14,240	
Isobutane	2,025	--	--	-275	175	261	--	68	1,752	4	362	2,035	
Natural Gasoline	4,380	-2,136	-655	--	6	4,986	--	-46	922	5,705	0	9,728	
Refinery Olefins	--	--	--	1,444	201	-1,016	--	-13	--	--	642	484	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,331	99	-1,016	--	-13	--	--	427	345	
Normal Butylene	--	--	--	113	102	--	--	0	--	--	215	139	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	2,839	32,751	--	579	-8,112	-1,346	2,983	18,061	3,982	1,684	69,712	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,751	--	97	-17,306	-2,389	982	9,306	1,180	1,684	11,006	
Hydrogen	--	--	--	--	--	--	1,168	--	1,168	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	32,751	--	97	-17,306	-3,567	985	8,125	1,180	1,684	10,994	
Fuel Ethanol	--	--	29,691	--	--	-16,750	-3,567	954	7,611	810	0	9,918	
Biofuels (excluding Fuel Ethanol) ⁶	--	--	3,059	--	97	-556	--	32	514	371	1,684	1,076	
Other Hydrocarbons	--	--	--	--	--	--	10	-3	13	--	0	12	
Unfinished Oils	--	2,839	--	--	--	-586	--	-115	-120	2,488	0	14,308	
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	482	9,780	1,043	2,116	8,875	314	0	44,399	
Reformulated	--	--	0	--	--	3,672	-1,854	-175	1,993	--	0	5,494	
Conventional	--	--	0	--	482	6,108	2,897	2,291	6,882	314	0	38,904	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	157	139,292	1,639	3,822	2,524	368	--	1,565	145,500	57,060	
Finished Motor Gasoline	--	--	160	77,637	--	2,628	2,524	-76	--	537	82,487	4,367	
Reformulated	--	--	--	10,092	--	--	2,208	--	--	--	12,300	--	
Conventional	--	--	160	67,545	--	2,628	316	-76	--	537	70,187	4,367	
Finished Aviation Gasoline	--	--	--	22	7	--	--	-1	--	--	30	161	
Kerosene-Type Jet Fuel	--	--	--	8,828	--	645	--	283	--	23	9,167	7,660	
Kerosene	--	--	--	76	--	--	--	20	--	1	55	114	
Distillate Fuel Oil	--	--	-3	34,770	371	3,530	--	1,476	--	103	37,089	27,056	
15 ppm sulfur and under	--	--	-3	34,667	337	3,413	--	1,502	--	0	36,912	26,525	
Greater than 15 to 500 ppm sulfur	--	--	0	45	--	117	--	-114	--	16	260	194	
Greater than 500 ppm sulfur	--	--	--	58	34	--	--	88	--	87	-83	337	
Residual Fuel Oil	--	--	--	1,066	163	-687	--	-78	--	1	619	1,125	
Less than 0.31 percent sulfur	--	--	--	95	--	-94	--	43	--	NA	--	160	
0.31 to 1.00 percent sulfur	--	--	--	445	5	-365	--	-10	--	NA	--	239	
Greater than 1.00 percent sulfur	--	--	--	526	158	-228	--	-111	--	NA	--	726	
Petrochemical Feedstocks	--	--	--	786	164	-117	--	-29	--	5	857	527	
Naphtha for Petro. Feed. Use	--	--	--	446	95	-94	--	-28	--	--	475	419	
Other Oils for Petro. Feed. Use	--	--	--	340	69	-23	--	-1	--	5	382	108	
Special Naphthas	--	--	--	-12	8	-26	--	24	--	--	-54	157	
Lubricants	--	--	--	259	194	181	--	67	--	207	360	669	
Waxes	--	--	--	52	15	--	--	15	--	42	10	57	
Petroleum Coke	--	--	--	5,617	19	-1,266	--	-438	--	565	4,243	2,797	
Marketable	--	--	--	4,100	19	-1,266	--	-438	--	565	2,726	2,797	
Catalyst	--	--	--	1,517	--	--	--	--	--	--	1,517	--	
Asphalt and Road Oil	--	--	--	5,360	698	-1,078	--	-917	--	80	5,817	12,233	
Still Gas	--	--	--	4,345	--	--	--	--	--	--	4,345	--	
Miscellaneous Products	--	--	--	486	--	12	--	22	--	1	475	137	
Total	87,313	0	32,252	145,172	87,466	-32,033	626	14,580	138,660	14,301	153,255	288,101	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	51,722	-837	--	--	91,267	-14,814	-8,942	-2,576	119,440	1,532	0	106,416	
Hydrocarbon Gas Liquids	34,605	-2,618	-659	5,487	2,357	-17,187	--	4,446	2,968	6,759	7,812	56,783	
Natural Gas Liquids	34,605	-2,618	-659	4,084	2,222	-16,288	--	4,450	2,968	6,759	7,169	56,303	
Ethane	11,971	--	--	--	--	-7,321	--	-678	--	1,145	4,183	5,806	
Propane	11,981	--	--	2,344	1,036	-10,696	--	2,000	--	161	2,505	21,365	
Normal Butane	4,203	--	--	1,991	899	-3,986	--	2,889	57	139	22	17,129	
Isobutane	2,034	--	--	-251	283	288	--	-39	1,929	4	460	1,996	
Natural Gasoline	4,416	-2,618	-659	--	4	5,427	--	278	982	5,310	0	10,007	
Refinery Olefins	--	--	--	1,403	135	-899	--	-4	--	--	643	480	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,265	116	-899	--	35	--	--	447	380	
Normal Butylene	--	--	--	138	19	--	--	-39	--	--	196	100	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	3,454	31,950	--	451	-14,442	-1,977	-6,611	20,000	4,079	1,969	63,101	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	31,950	--	131	-19,796	-723	-1,211	9,528	1,277	1,969	9,795	
Hydrogen	--	--	--	--	--	--	1,174	--	1,174	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	31,950	--	131	-19,796	-1,904	-1,216	8,352	1,277	1,969	9,778	
Fuel Ethanol	--	--	28,775	--	--	-19,275	-1,904	-1,122	7,787	931	0	8,796	
Biofuels (excluding Fuel Ethanol) ⁶	--	--	3,175	--	131	-521	--	-94	565	346	1,969	982	
Other Hydrocarbons	--	--	--	--	--	--	7	5	2	--	0	17	
Unfinished Oils	--	3,454	--	--	--	-749	--	-502	500	2,707	0	13,806	
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	320	6,103	-1,254	-4,898	9,972	95	0	39,501	
Reformulated	--	--	0	--	--	1,799	-540	-1,283	2,542	--	0	4,211	
Conventional	--	--	0	--	320	4,304	-714	-3,615	7,430	95	0	35,289	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	164	142,972	1,746	1,665	3,158	-2,780	--	1,339	151,146	54,281	
Finished Motor Gasoline	--	--	167	79,314	--	1,001	3,158	130	--	406	83,104	4,497	
Reformulated	--	--	--	10,369	--	--	719	--	--	--	11,088	--	
Conventional	--	--	167	68,945	--	1,001	2,439	130	--	406	72,017	4,497	
Finished Aviation Gasoline	--	--	--	48	2	50	--	-33	--	--	133	128	
Kerosene-Type Jet Fuel	--	--	--	8,428	--	592	--	-681	--	34	9,667	6,979	
Kerosene	--	--	--	58	--	--	--	18	--	1	39	132	
Distillate Fuel Oil	--	--	-3	37,148	385	3,147	--	290	--	188	40,199	27,347	
15 ppm sulfur and under	--	--	-3	37,210	375	3,072	--	266	--	0	40,387	26,792	
Greater than 15 to 500 ppm sulfur	--	--	0	185	4	75	--	119	--	28	117	313	
Greater than 500 ppm sulfur	--	--	--	-247	6	--	--	-95	--	159	-305	242	
Residual Fuel Oil	--	--	--	1,112	148	-874	--	-126	--	8	504	999	
Less than 0.31 percent sulfur	--	--	--	4	--	-105	--	-96	--	NA	--	64	
0.31 to 1.00 percent sulfur	--	--	--	519	5	-304	--	0	--	NA	--	239	
Greater than 1.00 percent sulfur	--	--	--	589	143	-465	--	-30	--	NA	--	696	
Petrochemical Feedstocks	--	--	--	867	120	-71	--	-9	--	7	918	518	
Naphtha for Petro. Feed. Use	--	--	--	549	67	-48	--	-3	--	--	571	416	
Other Oils for Petro. Feed. Use	--	--	--	318	53	-23	--	-6	--	7	347	102	
Special Naphthas	--	--	--	2	8	-63	--	7	--	--	-60	164	
Lubricants	--	--	--	259	215	197	--	84	--	201	386	753	
Waxes	--	--	--	46	14	--	--	10	--	43	7	67	
Petroleum Coke	--	--	--	5,765	24	-1,317	--	-655	--	364	4,763	2,142	
Marketable	--	--	--	4,247	24	-1,317	--	-655	--	364	3,245	2,142	
Catalyst	--	--	--	1,518	--	--	--	--	--	--	1,518	--	
Asphalt and Road Oil	--	--	--	5,026	830	-997	--	-1,777	--	87	6,549	10,456	
Still Gas	--	--	--	4,420	--	--	--	--	--	--	4,420	--	
Miscellaneous Products	--	--	--	479	--	--	--	-38	--	1	516	99	
Total	86,327	0	31,456	148,459	95,821	-44,778	-7,761	-7,520	142,408	13,710	160,927	280,580	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	51,530	-2,928	--	--	85,382	-19,555	5,005	2,692	114,616	2,126	0	109,108	
Hydrocarbon Gas Liquids	34,287	959	-586	3,278	2,330	-16,552	--	3,708	3,321	8,550	8,137	60,490	
Natural Gas Liquids	34,287	959	-586	2,144	2,122	-15,769	--	3,217	3,321	8,550	8,069	59,519	
Ethane	11,675	--	--	--	--	-5,538	--	202	--	2,027	3,908	6,008	
Propane	11,999	--	--	2,178	1,343	-9,038	--	2,938	--	192	3,352	24,303	
Normal Butane	4,115	--	--	207	628	-3,535	--	304	508	232	371	17,433	
Isobutane	2,114	--	--	-241	150	440	--	135	1,888	2	438	2,131	
Natural Gasoline	4,384	959	-586	--	1	1,902	--	-362	925	6,097	0	9,644	
Refinery Olefins	--	--	--	1,134	208	-783	--	491	--	--	68	971	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,084	145	-783	--	-67	--	--	513	313	
Normal Butylene	--	--	--	50	63	--	--	558	--	--	-445	658	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	1,969	28,554	--	182	-12,895	1,145	-2,034	15,947	3,430	1,613	61,067	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	28,554	--	107	-18,765	807	-1,087	9,011	1,165	1,613	8,708	
Hydrogen	--	--	--	--	--	--	1,068	--	1,068	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	28,554	--	107	-18,765	-277	-1,091	7,931	1,165	1,613	8,687	
Fuel Ethanol	--	--	25,527	--	--	-18,109	-277	-1,068	7,409	801	0	7,727	
Biofuels (excluding Fuel Ethanol) ⁶	--	--	3,026	--	107	-657	--	-22	522	365	1,613	960	
Other Hydrocarbons	--	--	--	--	--	--	16	4	12	--	0	21	
Unfinished Oils	--	1,969	--	--	--	-673	--	-540	-412	2,248	0	13,266	
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	75	6,543	339	-408	7,348	16	0	39,093	
Reformulated	--	--	0	--	--	779	1,127	9	1,897	--	0	4,220	
Conventional	--	--	0	--	75	5,764	-788	-417	5,451	16	0	34,872	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	150	137,153	1,256	3,260	-61	-996	--	937	141,816	53,285	
Finished Motor Gasoline	--	--	153	75,625	--	1,850	-61	498	--	241	76,827	4,995	
Reformulated	--	--	--	10,113	--	--	-1,091	--	--	--	9,022	--	
Conventional	--	--	153	65,512	--	1,850	1,030	498	--	241	67,805	4,995	
Finished Aviation Gasoline	--	--	--	23	6	45	--	24	--	--	50	152	
Kerosene-Type Jet Fuel	--	--	--	7,853	--	147	--	-436	--	18	8,418	6,543	
Kerosene	--	--	--	22	--	--	--	14	--	1	7	146	
Distillate Fuel Oil	--	--	-2	35,759	184	3,614	--	-65	--	179	39,440	27,282	
15 ppm sulfur and under	--	--	-2	35,456	176	3,523	--	-413	--	0	39,565	26,379	
Greater than 15 to 500 ppm sulfur	--	--	0	43	6	91	--	-28	--	22	146	285	
Greater than 500 ppm sulfur	--	--	--	260	2	--	--	376	--	157	-271	618	
Residual Fuel Oil	--	--	--	1,145	83	-835	--	-207	--	1	599	792	
Less than 0.31 percent sulfur	--	--	--	138	--	-95	--	-7	--	NA	--	57	
0.31 to 1.00 percent sulfur	--	--	--	429	7	-206	--	-64	--	NA	--	175	
Greater than 1.00 percent sulfur	--	--	--	578	76	-534	--	-136	--	NA	--	560	
Petrochemical Feedstocks	--	--	--	865	129	-19	--	-8	--	6	977	510	
Naphtha for Petro. Feed. Use	--	--	--	533	67	6	--	-12	--	--	618	404	
Other Oils for Petro. Feed. Use	--	--	--	332	62	-25	--	4	--	6	359	106	
Special Naphthas	--	--	--	-22	11	-30	--	-28	--	--	-13	136	
Lubricants	--	--	--	233	200	179	--	25	--	185	402	778	
Waxes	--	--	--	42	11	--	--	9	--	36	8	76	
Petroleum Coke	--	--	--	5,270	26	-859	--	-430	--	183	4,684	1,712	
Marketable	--	--	--	3,860	26	-859	--	-430	--	183	3,274	1,712	
Catalyst	--	--	--	1,410	--	--	--	--	--	--	1,410	--	
Asphalt and Road Oil	--	--	--	5,698	606	-840	--	-398	--	86	5,777	10,058	
Still Gas	--	--	--	4,162	--	--	--	--	--	--	4,162	--	
Miscellaneous Products	--	--	--	478	--	8	--	6	--	0	480	105	
Total	85,817	0	28,118	140,431	89,150	-45,742	6,089	3,370	133,884	15,043	151,566	283,950	

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	53,680	235	--	--	86,977	-15,804	404	4,591	118,356	2,545	0	113,699	
Hydrocarbon Gas Liquids	33,727	-1,668	-677	1,664	2,983	-13,927	--	-313	3,764	5,460	13,190	60,178	
Natural Gas Liquids	33,727	-1,668	-677	632	2,773	-13,253	--	235	3,764	5,460	12,074	59,755	
Ethane	10,571	--	--	--	--	-4,455	--	211	--	2,097	3,808	6,219	
Propane	12,370	--	--	2,301	2,067	-8,276	--	826	--	128	7,509	25,129	
Normal Butane	4,088	--	--	-1,453	556	-2,932	--	-1,033	1,142	106	44	16,400	
Isobutane	2,332	--	--	-216	148	559	--	50	2,057	2	714	2,181	
Natural Gasoline	4,366	-1,668	-677	--	2	1,851	--	181	565	3,127	0	9,826	
Refinery Olefins	--	--	--	1,032	210	-674	--	-548	--	--	1,116	423	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	975	139	-674	--	70	--	--	370	383	
Normal Butylene	--	--	--	57	71	--	--	-618	--	--	746	40	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	1,433	32,799	--	511	-14,762	1,974	3,964	13,179	3,110	1,702	65,031	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,800	--	107	-19,230	-820	1,058	9,110	988	1,702	9,765	
Hydrogen	--	--	--	--	--	--	1,089	--	1,089	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	32,800	--	107	-19,230	-1,923	1,068	7,997	988	1,702	9,754	
Fuel Ethanol	--	--	29,742	--	--	-18,429	-1,923	964	7,608	818	0	8,691	
Biofuels (excluding Fuel Ethanol) ⁶	--	--	3,059	--	107	-801	--	104	389	170	1,702	1,063	
Other Hydrocarbons	--	--	--	--	--	--	14	-10	24	--	0	11	
Unfinished Oils	--	1,433	--	--	--	-989	--	986	-2,648	2,106	0	14,252	
Motor Gasoline Blend.Comp. (MGBC)	--	--	-1	--	404	5,457	2,794	1,921	6,717	16	0	41,014	
Reformulated	--	--	0	--	--	785	1,466	48	2,203	--	0	4,268	
Conventional	--	--	-1	--	404	4,672	1,328	1,873	4,514	16	0	36,745	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	151	140,763	1,400	2,363	-871	-2,702	--	926	145,582	50,583	
Finished Motor Gasoline	--	--	153	77,393	--	1,644	-871	-978	--	271	79,026	4,017	
Reformulated	--	--	--	10,430	--	--	-1,456	--	--	--	8,974	--	
Conventional	--	--	153	66,963	--	1,644	584	-978	--	271	70,051	4,017	
Finished Aviation Gasoline	--	--	--	24	5	45	--	2	--	--	72	154	
Kerosene-Type Jet Fuel	--	--	--	8,268	--	98	--	211	--	21	8,134	6,754	
Kerosene	--	--	--	94	--	--	--	12	--	1	81	158	
Distillate Fuel Oil	--	--	-2	37,505	172	2,817	--	-1,293	--	133	41,652	25,989	
15 ppm sulfur and under	--	--	-2	37,763	168	2,792	--	-1,022	--	2	41,741	25,357	
Greater than 15 to 500 ppm sulfur	--	--	0	190	2	25	--	100	--	15	102	385	
Greater than 500 ppm sulfur	--	--	--	-448	2	--	--	-371	--	116	-191	247	
Residual Fuel Oil	--	--	--	1,170	87	-812	--	302	--	--	143	1,094	
Less than 0.31 percent sulfur	--	--	--	66	--	-179	--	65	--	NA	--	122	
0.31 to 1.00 percent sulfur	--	--	--	456	7	-106	--	107	--	NA	--	282	
Greater than 1.00 percent sulfur	--	--	--	648	80	-527	--	130	--	NA	--	690	
Petrochemical Feedstocks	--	--	--	821	152	-113	--	68	--	--	792	578	
Naphtha for Petro. Feed. Use	--	--	--	493	121	-113	--	50	--	--	451	454	
Other Oils for Petro. Feed. Use	--	--	--	328	31	--	--	18	--	--	341	124	
Special Naphthas	--	--	--	-46	9	15	--	-27	--	--	5	109	
Lubricants	--	--	--	203	229	161	--	-30	--	180	443	748	
Waxes	--	--	--	16	10	--	--	-19	--	43	2	57	
Petroleum Coke	--	--	--	5,489	22	-304	--	169	--	154	4,885	1,881	
Marketable	--	--	--	4,102	22	-304	--	169	--	154	3,498	1,881	
Catalyst	--	--	--	1,387	--	--	--	--	--	--	1,387	--	
Asphalt and Road Oil	--	--	--	5,040	714	-1,194	--	-1,133	--	121	5,571	8,925	
Still Gas	--	--	--	4,342	--	--	--	--	--	--	4,342	--	
Miscellaneous Products	--	--	--	444	--	6	--	14	--	1	435	119	
Total	87,407	0	32,272	142,427	91,871	-42,131	1,507	5,540	135,299	12,041	160,474	289,491	

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels)

Commodity	Supply							Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	51,875	604	--	--	85,935	-24,526	-2,345	-6,870	115,856	2,556	0	106,829
Hydrocarbon Gas Liquids	34,768	-2,797	-699	688	2,468	-13,504	--	-956	4,016	7,652	10,213	59,222
Natural Gas Liquids	34,768	-2,797	-699	-309	2,118	-13,019	--	-937	4,016	7,652	9,332	58,818
Ethane	12,761	--	--	--	--	-5,674	--	771	--	2,308	4,008	6,990
Propane	12,026	--	--	2,315	1,447	-9,955	--	1,003	--	104	4,725	26,132
Normal Butane	3,942	--	--	-2,366	518	-4,034	--	-3,120	1,311	89	-221	13,280
Isobutane	2,074	--	--	-258	146	991	--	92	2,039	2	820	2,273
Natural Gasoline	3,965	-2,797	-699	--	7	5,654	--	317	666	5,148	0	10,143
Refinery Olefins	--	--	--	997	350	-485	--	-19	--	--	881	404
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	981	151	-485	--	3	--	--	644	386
Normal Butylene	--	--	--	16	199	--	--	-22	--	--	237	18
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	2,193	32,585	--	805	-14,698	-2,399	1,922	11,550	3,285	1,728	66,954
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32,586	--	143	-19,731	-869	704	8,674	1,023	1,728	10,470
Hydrogen	--	--	--	--	--	--	1,098	--	1,098	--	0	--
Biofuels (including Fuel Ethanol)	--	--	32,586	--	143	-19,731	-1,981	694	7,572	1,023	1,728	10,449
Fuel Ethanol	--	--	29,823	--	--	-18,899	-1,981	710	7,294	939	0	9,401
Biofuels (excluding Fuel Ethanol) ⁶	--	--	2,763	--	143	-832	--	-16	278	84	1,728	1,048
Other Hydrocarbons	--	--	--	--	--	--	14	10	4	--	0	21
Unfinished Oils	--	2,193	--	--	--	-963	--	-874	-134	2,238	0	13,378
Motor Gasoline Blend.Comp. (MGBC)	--	--	-1	--	662	5,996	-1,530	2,092	3,010	25	0	43,106
Reformulated	--	--	0	--	--	417	1,608	176	1,849	--	0	4,444
Conventional	--	--	-1	--	662	5,579	-3,138	1,916	1,161	25	0	38,661
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	151	137,500	1,552	-49	3,511	3,243	--	605	138,816	53,826
Finished Motor Gasoline	--	--	153	73,900	--	96	3,511	-128	--	255	77,532	3,889
Reformulated	--	--	--	10,113	--	--	-1,493	--	--	--	8,620	--
Conventional	--	--	153	63,787	--	96	5,004	-128	--	255	68,913	3,889
Finished Aviation Gasoline	--	--	--	--	2	47	--	37	--	--	12	191
Kerosene-Type Jet Fuel	--	--	--	8,206	--	791	--	497	--	11	8,489	7,251
Kerosene	--	--	--	300	--	--	--	142	--	1	157	300
Distillate Fuel Oil	--	--	-2	36,834	421	1,983	--	1,664	--	94	37,477	27,653
15 ppm sulfur and under	--	--	-2	36,836	417	1,879	--	1,657	--	0	37,473	27,014
Greater than 15 to 500 ppm sulfur	--	--	0	73	3	104	--	-64	--	13	231	321
Greater than 500 ppm sulfur	--	--	--	-75	1	--	--	71	--	81	-226	318
Residual Fuel Oil	--	--	--	1,141	115	-1,179	--	6	--	--	71	1,100
Less than 0.31 percent sulfur	--	--	--	71	--	-236	--	68	--	NA	--	190
0.31 to 1.00 percent sulfur	--	--	--	492	7	-234	--	-59	--	NA	--	223
Greater than 1.00 percent sulfur	--	--	--	578	108	-709	--	-3	--	NA	--	687
Petrochemical Feedstocks	--	--	--	864	137	-129	--	-64	--	--	936	514
Naphtha for Petro. Feed. Use	--	--	--	578	79	-109	--	-65	--	--	613	389
Other Oils for Petro. Feed. Use	--	--	--	286	58	-20	--	1	--	--	323	125
Special Naphthas	--	--	--	-16	3	33	--	41	--	--	-21	150
Lubricants	--	--	--	173	223	149	--	17	--	177	351	765
Waxes	--	--	--	29	9	--	--	-9	--	23	24	48
Petroleum Coke	--	--	--	5,526	24	-966	--	225	--	30	4,329	2,106
Marketable	--	--	--	4,181	24	-966	--	225	--	30	2,984	2,106
Catalyst	--	--	--	1,345	--	--	--	--	--	--	1,345	--
Asphalt and Road Oil	--	--	--	5,893	618	-880	--	717	--	12	4,903	9,642
Still Gas	--	--	--	4,197	--	--	--	--	--	--	4,197	--
Miscellaneous Products	--	--	--	453	--	6	--	98	--	1	360	217
Total	86,643	0	32,037	138,188	90,760	-52,778	-1,233	-2,661	131,422	14,098	150,757	286,830

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 5. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels)

Commodity	Supply							Disposition					Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵		
Crude Oil	48,287	2,058	--	--	82,495	-15,916	-258	177	114,315	2,173	0	107,006	
Hydrocarbon Gas Liquids	29,674	-3,726	-654	676	2,107	-8,997	--	-6,778	4,246	7,890	13,723	52,444	
Natural Gas Liquids	29,674	-3,726	-654	-354	1,903	-8,197	--	-6,757	4,246	7,890	13,267	52,061	
Ethane	9,206	--	--	--	--	-4,428	--	-795	--	2,517	3,056	6,195	
Propane	11,192	--	--	2,198	1,236	-8,210	--	-3,017	--	92	9,341	23,115	
Normal Butane	3,642	--	--	-2,253	467	-3,040	--	-3,179	1,581	154	260	10,101	
Isobutane	1,985	--	--	-299	199	472	--	-252	1,996	3	610	2,021	
Natural Gasoline	3,649	-3,726	-654	--	1	7,009	--	486	669	5,124	0	10,629	
Refinery Olefins	--	--	--	1,030	204	-800	--	-21	--	--	455	383	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1,033	139	-800	--	-14	--	--	386	372	
Normal Butylene	--	--	--	-3	65	--	--	-7	--	--	69	11	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0	
Other Liquids	--	1,668	31,269	--	754	-14,230	-4,700	1,059	9,141	3,120	1,442	68,013	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	31,270	--	98	-18,503	-1,053	595	8,796	979	1,442	11,065	
Hydrogen	--	--	--	--	--	--	1,216	--	1,216	--	0	--	
Biofuels (including Fuel Ethanol)	--	--	31,270	--	98	-18,503	-2,272	606	7,566	979	1,442	11,055	
Fuel Ethanol	--	--	28,388	--	--	-17,487	-2,272	425	7,264	941	0	9,826	
Biofuels (excluding Fuel Ethanol) ⁶	--	--	2,882	--	98	-1,016	--	182	302	39	1,442	1,230	
Other Hydrocarbons	--	--	--	--	--	--	3	-11	14	--	0	10	
Unfinished Oils	--	1,668	--	--	--	-996	--	195	-1,624	2,101	0	13,573	
Motor Gasoline Blend.Comp. (MGBC)	--	--	-1	--	656	5,269	-3,647	269	1,969	39	0	43,375	
Reformulated	--	--	0	--	--	234	1,229	-109	1,572	--	0	4,335	
Conventional	--	--	-1	--	656	5,035	-4,876	378	397	39	0	39,039	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	119	133,249	1,636	-721	5,919	1,543	--	679	137,980	55,369	
Finished Motor Gasoline	--	--	122	73,174	--	-62	5,919	-652	--	239	79,565	3,237	
Reformulated	--	--	--	10,287	--	--	-1,107	--	--	--	9,180	--	
Conventional	--	--	122	62,887	--	-62	7,025	-652	--	239	70,385	3,237	
Finished Aviation Gasoline	--	--	--	30	2	--	--	12	--	--	20	203	
Kerosene-Type Jet Fuel	--	--	--	7,088	--	1,440	--	-449	--	15	8,962	6,802	
Kerosene	--	--	--	179	--	--	--	-202	--	0	381	98	
Distillate Fuel Oil	--	--	-3	35,845	378	1,033	--	1,287	--	118	35,848	28,940	
15 ppm sulfur and under	--	--	-3	35,796	373	886	--	1,124	--	2	35,927	28,138	
Greater than 15 to 500 ppm sulfur	--	--	--	95	3	147	--	76	--	31	138	397	
Greater than 500 ppm sulfur	--	--	--	-46	2	--	--	87	--	86	-217	405	
Residual Fuel Oil	--	--	--	1,130	78	-1,185	--	88	--	--	-65	1,188	
Less than 0.31 percent sulfur	--	--	--	78	--	-130	--	29	--	NA	--	219	
0.31 to 1.00 percent sulfur	--	--	--	454	4	-167	--	21	--	NA	--	244	
Greater than 1.00 percent sulfur	--	--	--	598	74	-888	--	38	--	NA	--	725	
Petrochemical Feedstocks	--	--	--	788	148	-99	--	14	--	--	823	528	
Naphtha for Petro. Feed. Use	--	--	--	400	83	-57	--	4	--	--	422	393	
Other Oils for Petro. Feed. Use	--	--	--	388	65	-42	--	10	--	--	401	135	
Special Naphthas	--	--	--	-12	4	--	--	10	--	--	-18	160	
Lubricants	--	--	--	151	196	134	--	-5	--	151	335	760	
Waxes	--	--	--	28	9	--	--	-1	--	28	10	47	
Petroleum Coke	--	--	--	5,415	18	-1,008	--	513	--	47	3,866	2,619	
Marketable	--	--	--	4,099	18	-1,008	--	513	--	47	2,550	2,619	
Catalyst	--	--	--	1,316	--	--	--	--	--	--	1,316	--	
Asphalt and Road Oil	--	--	--	4,804	803	-990	--	906	--	78	3,633	10,548	
Still Gas	--	--	--	4,142	--	--	--	--	--	--	4,142	--	
Miscellaneous Products	--	--	--	487	--	15	--	22	--	1	479	239	
Total	77,961	0	30,734	133,925	86,992	-39,864	961	-3,999	127,702	13,861	153,144	282,831	

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,645	-33	--	--	3,011	-884	-14	-227	3,915	37	0
Hydrocarbon Gas Liquids	1,061	-35	-21	42	75	-432	--	-295	120	261	603
Natural Gas Liquids	1,061	-35	-21	-4	70	-403	--	-293	120	261	579
Ethane	408	--	--	--	--	-197	--	-28	--	81	157
Propane	360	--	--	77	55	-291	--	-193	--	4	390
Normal Butane	126	--	--	-75	12	-85	--	-69	40	1	6
Isobutane	55	--	--	-6	2	27	--	-4	57	0	26
Natural Gasoline	111	-35	-21	--	0	144	--	2	24	174	0
Refinery Olefins	--	--	--	45	5	-29	--	-3	--	--	24
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	47	4	-29	--	-1	--	--	23
Normal Butylene	--	--	--	-2	1	--	--	-2	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	67	1,062	--	29	-562	-132	296	50	80	38
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,062	--	3	-637	-49	50	267	23	38
Hydrogen	--	--	--	--	--	--	43	--	43	--	0
Biofuels (including Fuel Ethanol)	--	--	1,062	--	3	-637	-93	51	224	23	38
Fuel Ethanol	--	--	981	--	--	-608	-93	44	216	21	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	81	--	3	-30	--	7	7	2	38
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	0	0
Unfinished Oils	--	67	--	--	--	-32	--	-6	-16	57	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	26	107	-83	251	-201	0	0
Reformulated	--	--	0	--	--	8	35	32	11	--	0
Conventional	--	--	0	--	26	99	-118	219	-212	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	4,300	50	-20	176	227	--	25	4,256
Finished Motor Gasoline	--	--	2	2,239	--	-15	176	8	--	9	2,384
Reformulated	--	--	--	311	--	--	-32	--	--	--	279
Conventional	--	--	2	1,928	--	-15	208	8	--	9	2,105
Finished Aviation Gasoline	--	--	--	0	0	1	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	--	259	--	26	--	17	--	0	268
Kerosene	--	--	0	14	--	0	--	1	--	0	13
Distillate Fuel Oil	--	--	0	1,173	14	68	--	114	--	2	1,139
15 ppm sulfur and under	--	--	0	1,171	14	63	--	110	--	0	1,138
Greater than 15 to 500 ppm sulfur	--	--	0	4	0	4	--	2	--	1	5
Greater than 500 ppm sulfur	--	--	0	-2	0	--	--	1	--	1	-4
Residual Fuel Oil	--	--	--	37	6	-33	--	3	--	--	7
Less than 0.31 percent sulfur	--	--	--	3	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	14	0	-16	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	20	6	-17	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	32	5	-2	--	1	--	--	34
Naphtha for Petro. Feed. Use	--	--	--	19	3	-1	--	1	--	--	19
Other Oils for Petro. Feed. Use	--	--	--	13	2	-1	--	0	--	--	15
Special Naphthas	--	--	--	-1	0	1	--	-1	--	--	1
Lubricants	--	--	--	7	7	6	--	0	--	6	14
Waxes	--	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	--	202	0	-47	--	34	--	5	117
Marketable	--	--	--	153	0	-47	--	34	--	5	68
Catalyst	--	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	--	178	17	-27	--	50	--	3	116
Still Gas	--	--	--	143	--	--	--	--	--	--	143
Miscellaneous Products	--	--	--	16	--	0	--	0	--	0	16
Total	2,706	0	1,043	4,342	3,166	-1,899	30	0	4,085	404	4,897

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,645	-16	--	--	2,835	-789	-26	-288	3,882	55	0
Hydrocarbon Gas Liquids	1,042	-62	-20	63	80	-341	--	-210	107	254	612
Natural Gas Liquids	1,042	-62	-20	18	74	-314	--	-207	107	254	584
Ethane	387	--	--	--	--	-160	--	-4	--	89	143
Propane	362	--	--	75	59	-276	--	-179	--	5	394
Normal Butane	126	--	--	-52	9	-87	--	-42	33	2	4
Isobutane	56	--	--	-5	6	36	--	-1	51	0	43
Natural Gasoline	111	-62	-20	--	0	171	--	19	23	158	0
Refinery Olefins	--	--	--	45	6	-26	--	-3	--	--	28
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	45	4	-26	--	-4	--	--	26
Normal Butylene	--	--	--	0	3	--	--	1	--	--	2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	78	1,039	--	19	-574	-102	67	258	86	49
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,039	--	1	-668	-3	19	279	21	49
Hydrogen	--	--	--	--	--	--	41	--	41	--	0
Biofuels (including Fuel Ethanol)	--	--	1,039	--	1	-668	-45	19	238	21	49
Fuel Ethanol	--	--	955	--	--	-642	-45	19	229	20	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	84	--	1	-26	--	-1	8	2	49
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	78	--	--	--	-28	--	-32	18	64	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	19	122	-99	80	-39	1	0
Reformulated	--	--	--	--	--	6	71	33	44	--	0
Conventional	--	--	0	--	19	116	-171	46	-83	1	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3	4,404	47	-61	144	53	--	23	4,461
Finished Motor Gasoline	--	--	3	2,351	--	-21	144	-9	--	10	2,476
Reformulated	--	--	--	323	--	--	-66	--	--	--	257
Conventional	--	--	3	2,028	--	-21	210	-9	--	10	2,218
Finished Aviation Gasoline	--	--	--	1	0	0	--	1	--	--	1
Kerosene-Type Jet Fuel	--	--	--	268	--	39	--	36	--	0	270
Kerosene	--	--	0	6	--	0	--	-1	--	0	7
Distillate Fuel Oil	--	--	0	1,177	9	14	--	-33	--	4	1,229
15 ppm sulfur and under	--	--	0	1,181	9	12	--	-29	--	0	1,231
Greater than 15 to 500 ppm sulfur	--	--	0	3	--	2	--	-1	--	1	5
Greater than 500 ppm sulfur	--	--	0	-7	0	--	--	-3	--	3	-7
Residual Fuel Oil	--	--	--	41	2	-20	--	10	--	--	14
Less than 0.31 percent sulfur	--	--	--	3	--	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	11	0	-10	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	27	2	-10	--	8	--	NA	NA
Petrochemical Feedstocks	--	--	--	36	5	-3	--	1	--	--	36
Naphtha for Petro. Feed. Use	--	--	--	22	3	-3	--	1	--	--	20
Other Oils for Petro. Feed. Use	--	--	--	14	2	0	--	0	--	--	16
Special Naphthas	--	--	--	0	0	1	--	0	--	--	1
Lubricants	--	--	--	7	6	7	--	-1	--	7	15
Waxes	--	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	--	196	0	-43	--	12	--	1	141
Marketable	--	--	--	149	0	-43	--	12	--	1	94
Catalyst	--	--	--	48	--	--	--	--	--	--	48
Asphalt and Road Oil	--	--	--	159	23	-37	--	35	--	1	109
Still Gas	--	--	--	143	--	--	--	--	--	--	143
Miscellaneous Products	--	--	--	19	--	0	--	0	--	0	19
Total	2,687	0	1,022	4,467	2,982	-1,764	16	-378	4,247	418	5,123

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,710	8	--	--	3,037	-724	-71	148	3,719	93	0
Hydrocarbon Gas Liquids	1,151	-82	-21	105	75	-538	--	-55	92	226	427
Natural Gas Liquids	1,151	-82	-21	64	68	-510	--	-52	92	226	405
Ethane	472	--	--	--	--	-218	--	11	--	68	176
Propane	375	--	--	75	48	-335	--	-49	--	6	207
Normal Butane	120	--	--	-1	15	-121	--	-4	14	2	1
Isobutane	66	--	--	-10	5	18	--	4	53	0	22
Natural Gasoline	118	-82	-21	--	0	146	--	-14	25	150	0
Refinery Olefins	--	--	--	41	7	-28	--	-3	--	--	23
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	41	5	-28	--	-1	--	--	19
Normal Butylene	--	--	--	0	1	--	--	-2	--	--	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	74	1,055	--	16	-521	-171	-125	432	97	48
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,055	--	2	-606	-114	-23	286	26	48
Hydrogen	--	--	--	--	--	--	39	--	39	--	0
Biofuels (including Fuel Ethanol)	--	--	1,055	--	2	-606	-153	-22	246	26	48
Fuel Ethanol	--	--	965	--	--	-576	-153	-23	237	22	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	89	--	2	-30	--	0	10	3	48
Other Hydrocarbons	--	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	74	--	--	--	-29	--	33	-59	70	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	14	114	-57	-135	205	1	0
Reformulated	--	--	0	--	--	8	81	-22	111	--	0
Conventional	--	--	0	--	14	106	-138	-113	94	1	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	4	4,355	47	-25	210	-67	--	29	4,629
Finished Motor Gasoline	--	--	4	2,413	--	-12	210	-1	--	10	2,605
Reformulated	--	--	--	330	--	--	-78	--	--	--	252
Conventional	--	--	4	2,083	--	-12	288	-1	--	10	2,354
Finished Aviation Gasoline	--	--	--	--	0	--	--	-1	--	--	1
Kerosene-Type Jet Fuel	--	--	--	224	--	27	--	-28	--	0	279
Kerosene	--	--	--	1	--	--	--	-1	--	0	2
Distillate Fuel Oil	--	--	0	1,140	8	54	--	-72	--	6	1,268
15 ppm sulfur and under	--	--	0	1,135	8	52	--	-75	--	0	1,269
Greater than 15 to 500 ppm sulfur	--	--	--	6	0	3	--	0	--	1	8
Greater than 500 ppm sulfur	--	--	--	-1	0	--	--	3	--	5	-9
Residual Fuel Oil	--	--	--	32	4	-28	--	-7	--	0	15
Less than 0.31 percent sulfur	--	--	--	1	--	-2	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	18	1	-15	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	13	4	-11	--	-4	--	NA	NA
Petrochemical Feedstocks	--	--	--	29	6	-1	--	-2	--	--	35
Naphtha for Petro. Feed. Use	--	--	--	15	3	-1	--	-1	--	--	19
Other Oils for Petro. Feed. Use	--	--	--	13	2	-1	--	-1	--	--	16
Special Naphthas	--	--	--	-2	0	1	--	0	--	--	-1
Lubricants	--	--	--	6	8	4	--	-3	--	6	14
Waxes	--	--	--	1	1	--	--	0	--	2	0
Petroleum Coke	--	--	--	182	2	-36	--	6	--	2	140
Marketable	--	--	--	135	2	-36	--	6	--	2	93
Catalyst	--	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	--	173	19	-34	--	41	--	2	114
Still Gas	--	--	--	140	--	--	--	--	--	--	140
Miscellaneous Products	--	--	--	17	--	0	--	-1	--	0	18
Total	2,861	0	1,038	4,461	3,175	-1,809	-32	-99	4,242	445	5,105

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,503	63	--	--	2,710	-554	-22	-53	3,685	68	0
Hydrocarbon Gas Liquids	1,054	-91	-19	175	69	-539	--	30	93	266	259
Natural Gas Liquids	1,054	-91	-19	129	61	-510	--	30	93	266	235
Ethane	413	--	--	--	--	-226	--	-11	--	101	97
Propane	352	--	--	78	39	-352	--	5	--	3	108
Normal Butane	113	--	--	61	12	-126	--	46	10	2	2
Isobutane	63	--	--	-10	10	24	--	1	58	0	28
Natural Gasoline	113	-91	-19	--	0	170	--	-11	25	160	0
Refinery Olefins	--	--	--	46	8	-29	--	0	--	--	24
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	41	4	-29	--	-1	--	--	17
Normal Butylene	--	--	--	5	4	--	--	1	--	--	8
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	28	997	--	10	-470	-86	-215	538	111	46
Hydrogen/Biofuels/Other Hydrocarbons	--	--	997	--	2	-604	-45	-18	291	32	46
Hydrogen	--	--	--	--	--	--	35	--	35	--	0
Biofuels (including Fuel Ethanol)	--	--	997	--	2	-604	-81	-18	255	32	46
Fuel Ethanol	--	--	909	--	--	-576	-81	-14	241	25	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	88	--	2	-28	--	-4	14	7	46
Other Hydrocarbons	--	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	28	--	--	--	3	--	15	-45	61	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	8	131	-41	-212	291	19	0
Reformulated	--	--	0	--	--	42	19	-3	63	--	0
Conventional	--	--	0	--	8	89	-60	-209	228	19	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	4	4,359	45	-25	122	-86	--	48	4,541
Finished Motor Gasoline	--	--	4	2,453	--	-1	122	5	--	14	2,559
Reformulated	--	--	--	330	--	--	-16	--	--	--	314
Conventional	--	--	4	2,123	--	-1	138	5	--	14	2,246
Finished Aviation Gasoline	--	--	--	1	0	1	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	--	259	1	24	--	-13	--	1	296
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	1,099	4	24	--	-79	--	7	1,198
15 ppm sulfur and under	--	--	0	1,106	4	17	--	-72	--	0	1,198
Greater than 15 to 500 ppm sulfur	--	--	--	3	0	7	--	-1	--	1	11
Greater than 500 ppm sulfur	--	--	--	-11	0	--	--	-6	--	6	-11
Residual Fuel Oil	--	--	--	36	3	-22	--	3	--	--	14
Less than 0.31 percent sulfur	--	--	--	3	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	15	0	-13	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	19	2	-9	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	27	5	-3	--	-2	--	--	30
Naphtha for Petro. Feed. Use	--	--	--	15	3	-3	--	-2	--	--	16
Other Oils for Petro. Feed. Use	--	--	--	12	2	--	--	0	--	--	14
Special Naphthas	--	--	--	-1	0	1	--	1	--	--	-1
Lubricants	--	--	--	4	8	6	--	-2	--	7	12
Waxes	--	--	--	1	1	--	--	0	--	2	0
Petroleum Coke	--	--	--	172	1	-14	--	-11	--	18	152
Marketable	--	--	--	126	1	-14	--	-11	--	18	106
Catalyst	--	--	--	46	--	--	--	--	--	--	46
Asphalt and Road Oil	--	--	--	154	21	-39	--	14	--	1	122
Still Gas	--	--	--	140	--	--	--	--	--	--	140
Miscellaneous Products	--	--	--	15	--	0	--	0	--	0	16
Total	2,557	0	981	4,534	2,833	-1,588	14	-325	4,316	494	4,847

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,668	58	--	--	2,800	-539	-102	-63	3,898	49	0
Hydrocarbon Gas Liquids	1,137	-126	-21	195	65	-451	--	235	83	226	255
Natural Gas Liquids	1,137	-126	-21	152	59	-424	--	234	83	226	235
Ethane	444	--	--	--	--	-231	--	23	--	79	112
Propane	378	--	--	77	35	-319	--	101	--	5	65
Normal Butane	128	--	--	84	13	-127	--	85	1	3	10
Isobutane	63	--	--	-9	11	35	--	-8	59	0	49
Natural Gasoline	124	-126	-21	--	0	218	--	34	23	139	0
Refinery Olefins	--	--	--	43	6	-28	--	2	--	--	20
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	42	4	-28	--	0	--	--	17
Normal Butylene	--	--	--	2	2	--	--	2	--	--	2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	69	1,046	--	12	-445	-57	-142	614	106	47
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,046	--	1	-623	-61	-19	304	32	47
Hydrogen	--	--	--	--	--	--	37	--	37	--	0
Biofuels (including Fuel Ethanol)	--	--	1,046	--	1	-623	-98	-20	267	32	47
Fuel Ethanol	--	--	955	--	--	-602	-98	-17	250	23	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	90	--	1	-21	--	-3	17	9	47
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	69	--	--	--	-7	--	8	-18	71	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	11	185	4	-131	328	2	0
Reformulated	--	--	0	--	--	49	-5	-20	64	--	0
Conventional	--	--	0	--	11	136	9	-111	264	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	4	4,599	44	-13	94	-11	--	51	4,689
Finished Motor Gasoline	--	--	4	2,545	--	-6	94	-23	--	16	2,643
Reformulated	--	--	--	337	--	--	10	--	--	--	347
Conventional	--	--	4	2,207	--	-6	84	-23	--	16	2,297
Finished Aviation Gasoline	--	--	--	1	0	-1	--	1	--	--	-1
Kerosene-Type Jet Fuel	--	--	--	271	--	26	--	3	--	1	293
Kerosene	--	--	--	0	--	--	--	-1	--	0	1
Distillate Fuel Oil	--	--	0	1,204	8	72	--	0	--	9	1,275
15 ppm sulfur and under	--	--	0	1,201	7	62	--	-4	--	0	1,275
Greater than 15 to 500 ppm sulfur	--	--	0	3	1	10	--	3	--	5	5
Greater than 500 ppm sulfur	--	--	--	0	1	--	--	1	--	4	-5
Residual Fuel Oil	--	--	--	38	6	-25	--	0	--	--	20
Less than 0.31 percent sulfur	--	--	--	3	--	-3	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	17	0	-11	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	19	6	-11	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	28	4	-2	--	0	--	--	31
Naphtha for Petro. Feed. Use	--	--	--	15	2	-2	--	-1	--	--	16
Other Oils for Petro. Feed. Use	--	--	--	13	2	--	--	1	--	--	14
Special Naphthas	--	--	--	-1	0	0	--	0	--	--	-1
Lubricants	--	--	--	8	7	7	--	2	--	6	13
Waxes	--	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	--	180	1	-35	--	5	--	16	124
Marketable	--	--	--	132	1	-35	--	5	--	16	77
Catalyst	--	--	--	48	--	--	--	--	--	--	48
Asphalt and Road Oil	--	--	--	171	17	-50	--	1	--	0	136
Still Gas	--	--	--	139	--	--	--	--	--	--	139
Miscellaneous Products	--	--	--	15	--	--	--	0	--	0	15
Total	2,804	0	1,029	4,795	2,921	-1,448	-66	19	4,595	431	4,991

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,697	19	--	--	2,836	-332	-76	9	4,020	115	0
Hydrocarbon Gas Liquids	1,173	-96	-22	199	54	-587	--	166	88	248	220
Natural Gas Liquids	1,173	-96	-22	155	51	-559	--	162	88	248	203
Ethane	449	--	--	--	--	-266	--	-7	--	49	141
Propane	387	--	--	82	30	-323	--	134	--	4	37
Normal Butane	137	--	--	79	14	-143	--	69	1	6	13
Isobutane	63	--	--	-7	7	5	--	-4	60	0	12
Natural Gasoline	137	-96	-22	--	0	167	--	-29	28	188	0
Refinery Olefins	--	--	--	45	4	-27	--	4	--	--	17
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	41	3	-27	--	3	--	--	14
Normal Butylene	--	--	--	4	1	--	--	1	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	77	1,081	--	14	-398	-35	6	541	132	61
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,081	--	2	-632	-74	-28	309	36	61
Hydrogen	--	--	--	--	--	--	37	--	37	--	0
Biofuels (including Fuel Ethanol)	--	--	1,081	--	2	-632	-112	-28	271	36	61
Fuel Ethanol	--	--	983	--	--	-613	-112	-22	253	26	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	99	--	2	-19	--	-6	18	10	61
Other Hydrocarbons	--	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	77	--	--	--	-6	--	16	-34	89	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	12	240	39	18	266	7	0
Reformulated	--	--	0	--	--	82	-20	16	46	--	0
Conventional	--	--	0	--	12	158	59	2	220	7	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	6	4,678	53	116	73	-39	--	62	4,903
Finished Motor Gasoline	--	--	6	2,585	--	82	73	21	--	17	2,708
Reformulated	--	--	--	337	--	--	26	--	--	--	363
Conventional	--	--	6	2,249	--	82	46	21	--	17	2,345
Finished Aviation Gasoline	--	--	--	0	0	1	--	-1	--	--	2
Kerosene-Type Jet Fuel	--	--	--	272	--	43	--	7	--	1	307
Kerosene	--	--	--	2	--	--	--	0	--	0	2
Distillate Fuel Oil	--	--	0	1,203	9	74	--	-51	--	5	1,332
15 ppm sulfur and under	--	--	0	1,203	8	69	--	-49	--	0	1,329
Greater than 15 to 500 ppm sulfur	--	--	0	5	0	3	--	-1	--	2	7
Greater than 500 ppm sulfur	--	--	--	-5	1	2	--	-1	--	4	-5
Residual Fuel Oil	--	--	--	37	4	-33	--	0	--	0	9
Less than 0.31 percent sulfur	--	--	--	3	--	-2	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	13	0	-15	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	22	4	-16	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	29	6	-2	--	2	--	0	31
Naphtha for Petro. Feed. Use	--	--	--	16	3	-2	--	3	--	--	15
Other Oils for Petro. Feed. Use	--	--	--	13	3	--	--	0	--	0	16
Special Naphthas	--	--	--	-1	0	1	--	-1	--	--	1
Lubricants	--	--	--	8	8	8	--	-1	--	7	17
Waxes	--	--	--	1	1	--	--	0	--	1	1
Petroleum Coke	--	--	--	203	1	-26	--	12	--	26	140
Marketable	--	--	--	154	1	-26	--	12	--	26	92
Catalyst	--	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	--	177	24	-32	--	-27	--	5	191
Still Gas	--	--	--	146	--	--	--	--	--	--	146
Miscellaneous Products	--	--	--	16	--	0	--	1	--	0	16
Total	2,871	0	1,065	4,878	2,957	-1,201	-38	142	4,648	556	5,184

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,659	-23	--	--	2,679	-284	-18	170	3,804	41	0
Hydrocarbon Gas Liquids	1,157	-69	-21	190	71	-611	--	192	87	242	196
Natural Gas Liquids	1,157	-69	-21	143	64	-578	--	192	87	242	175
Ethane	432	--	--	--	--	-266	--	1	--	43	121
Propane	385	--	--	75	38	-337	--	101	--	5	55
Normal Butane	134	--	--	77	20	-145	--	90	0	9	-13
Isobutane	65	--	--	-9	6	8	--	2	57	0	12
Natural Gasoline	141	-69	-21	--	0	161	--	-1	30	184	0
Refinery Olefins	--	--	--	47	6	-33	--	0	--	--	21
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	43	3	-33	--	0	--	--	14
Normal Butylene	--	--	--	4	3	--	--	0	--	--	7
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	92	1,056	--	19	-262	-43	96	583	128	54
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,056	--	3	-558	-77	32	300	38	54
Hydrogen	--	--	--	--	--	--	38	--	38	--	0
Biofuels (including Fuel Ethanol)	--	--	1,056	--	3	-558	-115	32	262	38	54
Fuel Ethanol	--	--	958	--	--	-540	-115	31	246	26	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	99	--	3	-18	--	1	17	12	54
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	92	--	--	--	-19	--	-4	-4	80	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	16	315	34	68	286	10	0
Reformulated	--	--	0	--	--	118	-60	-6	64	--	0
Conventional	--	--	0	--	16	197	93	74	222	10	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,493	53	123	81	12	--	50	4,694
Finished Motor Gasoline	--	--	5	2,504	--	85	81	-2	--	17	2,661
Reformulated	--	--	--	326	--	--	71	--	--	--	397
Conventional	--	--	5	2,179	--	85	10	-2	--	17	2,264
Finished Aviation Gasoline	--	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	--	285	--	21	--	9	--	1	296
Kerosene	--	--	--	2	--	--	--	1	--	0	2
Distillate Fuel Oil	--	--	0	1,122	12	114	--	48	--	3	1,196
15 ppm sulfur and under	--	--	0	1,118	11	110	--	48	--	0	1,191
Greater than 15 to 500 ppm sulfur	--	--	0	1	--	4	--	-4	--	1	8
Greater than 500 ppm sulfur	--	--	--	2	1	--	--	3	--	3	-3
Residual Fuel Oil	--	--	--	34	5	-22	--	-3	--	0	20
Less than 0.31 percent sulfur	--	--	--	3	--	-3	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	14	0	-12	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	17	5	-7	--	-4	--	NA	NA
Petrochemical Feedstocks	--	--	--	25	5	-4	--	-1	--	0	28
Naphtha for Petro. Feed. Use	--	--	--	14	3	-3	--	-1	--	--	15
Other Oils for Petro. Feed. Use	--	--	--	11	2	-1	--	0	--	0	12
Special Naphthas	--	--	--	0	0	-1	--	1	--	--	-2
Lubricants	--	--	--	8	6	6	--	2	--	7	12
Waxes	--	--	--	2	0	--	--	0	--	1	0
Petroleum Coke	--	--	--	181	1	-41	--	-14	--	18	137
Marketable	--	--	--	132	1	-41	--	-14	--	18	88
Catalyst	--	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	--	173	23	-35	--	-30	--	3	188
Still Gas	--	--	--	140	--	--	--	--	--	--	140
Miscellaneous Products	--	--	--	16	--	0	--	1	--	0	15
Total	2,817	0	1,040	4,683	2,821	-1,033	20	470	4,473	461	4,944

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,668	-27	--	--	2,944	-478	-288	-83	3,853	49	0
Hydrocarbon Gas Liquids	1,116	-84	-21	177	76	-554	--	143	96	218	252
Natural Gas Liquids	1,116	-84	-21	132	72	-525	--	144	96	218	231
Ethane	386	--	--	--	--	-236	--	-22	--	37	135
Propane	386	--	--	76	33	-345	--	65	--	5	81
Normal Butane	136	--	--	64	29	-129	--	93	2	4	1
Isobutane	66	--	--	-8	9	9	--	-1	62	0	15
Natural Gasoline	142	-84	-21	--	0	175	--	9	32	171	0
Refinery Olefins	--	--	--	45	4	-29	--	0	--	--	21
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	41	4	-29	--	1	--	--	14
Normal Butylene	--	--	--	4	1	--	--	-1	--	--	6
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	111	1,031	--	15	-466	-64	-213	645	132	64
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,031	--	4	-639	-23	-39	307	41	64
Hydrogen	--	--	--	--	--	--	38	--	38	--	0
Biofuels (including Fuel Ethanol)	--	--	1,031	--	4	-639	-61	-39	269	41	64
Fuel Ethanol	--	--	928	--	--	-622	-61	-36	251	30	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	102	--	4	-17	--	-3	18	11	64
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	111	--	--	--	-24	--	-16	16	87	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	10	197	-40	-158	322	3	0
Reformulated	--	--	0	--	--	58	-17	-41	82	--	0
Conventional	--	--	0	--	10	139	-23	-117	240	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,612	56	54	102	-90	--	43	4,876
Finished Motor Gasoline	--	--	5	2,559	--	32	102	4	--	13	2,681
Reformulated	--	--	--	334	--	--	23	--	--	--	358
Conventional	--	--	5	2,224	--	32	79	4	--	13	2,323
Finished Aviation Gasoline	--	--	--	2	0	2	--	-1	--	--	4
Kerosene-Type Jet Fuel	--	--	--	272	--	19	--	-22	--	1	312
Kerosene	--	--	--	2	--	--	--	1	--	0	1
Distillate Fuel Oil	--	--	0	1,198	12	102	--	9	--	6	1,297
15 ppm sulfur and under	--	--	0	1,200	12	99	--	9	--	0	1,303
Greater than 15 to 500 ppm sulfur	--	--	0	6	0	2	--	4	--	1	4
Greater than 500 ppm sulfur	--	--	--	-8	0	--	--	-3	--	5	-10
Residual Fuel Oil	--	--	--	36	5	-28	--	-4	--	0	16
Less than 0.31 percent sulfur	--	--	--	0	--	-3	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	17	0	-10	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	19	5	-15	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	28	4	-2	--	0	--	0	30
Naphtha for Petro. Feed. Use	--	--	--	18	2	-2	--	0	--	--	18
Other Oils for Petro. Feed. Use	--	--	--	10	2	-1	--	0	--	0	11
Special Naphthas	--	--	--	0	0	-2	--	0	--	--	-2
Lubricants	--	--	--	8	7	6	--	3	--	6	12
Waxes	--	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	--	186	1	-42	--	-21	--	12	154
Marketable	--	--	--	137	1	-42	--	-21	--	12	105
Catalyst	--	--	--	49	--	--	--	--	--	--	49
Asphalt and Road Oil	--	--	--	162	27	-32	--	-57	--	3	211
Still Gas	--	--	--	143	--	--	--	--	--	--	143
Miscellaneous Products	--	--	--	15	--	--	--	-1	--	0	17
Total	2,785	0	1,015	4,789	3,091	-1,444	-250	-243	4,594	442	5,191

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,718	-98	--	--	2,846	-652	167	90	3,821	71	0
Hydrocarbon Gas Liquids	1,143	32	-20	109	78	-552	--	124	111	285	271
Natural Gas Liquids	1,143	32	-20	71	71	-526	--	107	111	285	269
Ethane	389	--	--	--	--	-185	--	7	--	68	130
Propane	400	--	--	73	45	-301	--	98	--	6	112
Normal Butane	137	--	--	7	21	-118	--	10	17	8	12
Isobutane	70	--	--	-8	5	15	--	5	63	0	15
Natural Gasoline	146	32	-20	--	0	63	--	-12	31	203	0
Refinery Olefins	--	--	--	38	7	-26	--	16	--	--	2
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	36	5	-26	--	-2	--	--	17
Normal Butylene	--	--	--	2	2	--	--	19	--	--	-15
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	66	952	--	6	-430	38	-68	532	114	54
Hydrogen/Biofuels/Other Hydrocarbons	--	--	952	--	4	-626	27	-36	300	39	54
Hydrogen	--	--	--	--	--	--	36	--	36	--	0
Biofuels (including Fuel Ethanol)	--	--	952	--	4	-626	-9	-36	264	39	54
Fuel Ethanol	--	--	851	--	--	-604	-9	-36	247	27	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	101	--	4	-22	--	-1	17	12	54
Other Hydrocarbons	--	--	--	--	--	--	1	0	0	--	0
Unfinished Oils	--	66	--	--	--	-22	--	-18	-14	75	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	3	218	11	-14	245	1	0
Reformulated	--	--	0	--	--	26	38	0	63	--	0
Conventional	--	--	0	--	3	192	-26	-14	182	1	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,572	42	109	-2	-33	--	31	4,727
Finished Motor Gasoline	--	--	5	2,521	--	62	-2	17	--	8	2,561
Reformulated	--	--	--	337	--	--	-36	--	--	--	301
Conventional	--	--	5	2,184	--	62	34	17	--	8	2,260
Finished Aviation Gasoline	--	--	--	1	0	2	--	1	--	--	2
Kerosene-Type Jet Fuel	--	--	--	262	--	5	--	-15	--	1	281
Kerosene	--	--	--	1	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	1,192	6	120	--	-2	--	6	1,315
15 ppm sulfur and under	--	--	0	1,182	6	117	--	-14	--	0	1,319
Greater than 15 to 500 ppm sulfur	--	--	0	1	0	3	--	-1	--	1	5
Greater than 500 ppm sulfur	--	--	--	9	0	--	--	13	--	5	-9
Residual Fuel Oil	--	--	--	38	3	-28	--	-7	--	0	20
Less than 0.31 percent sulfur	--	--	--	5	--	-3	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	14	0	-7	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	19	3	-18	--	-5	--	NA	NA
Petrochemical Feedstocks	--	--	--	29	4	-1	--	0	--	0	33
Naphtha for Petro. Feed. Use	--	--	--	18	2	0	--	0	--	--	21
Other Oils for Petro. Feed. Use	--	--	--	11	2	-1	--	0	--	0	12
Special Naphthas	--	--	--	-1	0	-1	--	-1	--	--	0
Lubricants	--	--	--	8	7	6	--	1	--	6	13
Waxes	--	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	--	176	1	-29	--	-14	--	6	156
Marketable	--	--	--	129	1	-29	--	-14	--	6	109
Catalyst	--	--	--	47	--	--	--	--	--	--	47
Asphalt and Road Oil	--	--	--	190	20	-28	--	-13	--	3	193
Still Gas	--	--	--	139	--	--	--	--	--	--	139
Miscellaneous Products	--	--	--	16	--	0	--	0	--	0	16
Total	2,861	0	937	4,681	2,972	-1,525	203	112	4,463	501	5,052

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,732	8	--	--	2,806	-510	13	148	3,818	82	0
Hydrocarbon Gas Liquids	1,088	-54	-22	54	96	-449	--	-10	121	176	425
Natural Gas Liquids	1,088	-54	-22	20	89	-428	--	8	121	176	389
Ethane	341	--	--	--	--	-144	--	7	--	68	123
Propane	399	--	--	74	67	-267	--	27	--	4	242
Normal Butane	132	--	--	-47	18	-95	--	-33	37	3	1
Isobutane	75	--	--	-7	5	18	--	2	66	0	23
Natural Gasoline	141	-54	-22	--	0	60	--	6	18	101	0
Refinery Olefins	--	--	--	33	7	-22	--	-18	--	--	36
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	31	4	-22	--	2	--	--	12
Normal Butylene	--	--	--	2	2	--	--	-20	--	--	24
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	46	1,058	--	16	-476	64	128	425	100	55
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,058	--	3	-620	-26	34	294	32	55
Hydrogen	--	--	--	--	--	--	35	--	35	--	0
Biofuels (including Fuel Ethanol)	--	--	1,058	--	3	-620	-62	34	258	32	55
Fuel Ethanol	--	--	959	--	--	-594	-62	31	245	26	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	99	--	3	-26	--	3	13	5	55
Other Hydrocarbons	--	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	46	--	--	--	-32	--	32	-85	68	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	13	176	90	62	217	1	0
Reformulated	--	--	0	--	--	25	47	2	71	--	0
Conventional	--	--	0	--	13	151	43	60	146	1	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,541	45	76	-28	-87	--	30	4,696
Finished Motor Gasoline	--	--	5	2,497	--	53	-28	-32	--	9	2,549
Reformulated	--	--	--	336	--	--	-47	--	--	--	289
Conventional	--	--	5	2,160	--	53	19	-32	--	9	2,260
Finished Aviation Gasoline	--	--	--	1	0	1	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	--	267	--	3	--	7	--	1	262
Kerosene	--	--	--	3	--	--	--	0	--	0	3
Distillate Fuel Oil	--	--	0	1,210	6	91	--	-42	--	4	1,344
15 ppm sulfur and under	--	--	0	1,218	5	90	--	-33	--	0	1,346
Greater than 15 to 500 ppm sulfur	--	--	0	6	0	1	--	3	--	0	3
Greater than 500 ppm sulfur	--	--	--	-14	0	--	--	-12	--	4	-6
Residual Fuel Oil	--	--	--	38	3	-26	--	10	--	--	5
Less than 0.31 percent sulfur	--	--	--	2	--	-6	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	15	0	-3	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	21	3	-17	--	4	--	NA	NA
Petrochemical Feedstocks	--	--	--	26	5	-4	--	2	--	--	26
Naphtha for Petro. Feed. Use	--	--	--	16	4	-4	--	2	--	--	15
Other Oils for Petro. Feed. Use	--	--	--	11	1	--	--	1	--	--	11
Special Naphthas	--	--	--	-1	0	0	--	-1	--	--	0
Lubricants	--	--	--	7	7	5	--	-1	--	6	14
Waxes	--	--	--	1	0	--	--	-1	--	1	0
Petroleum Coke	--	--	--	177	1	-10	--	5	--	5	158
Marketable	--	--	--	132	1	-10	--	5	--	5	113
Catalyst	--	--	--	45	--	--	--	--	--	--	45
Asphalt and Road Oil	--	--	--	163	23	-39	--	-37	--	4	180
Still Gas	--	--	--	140	--	--	--	--	--	--	140
Miscellaneous Products	--	--	--	14	--	0	--	0	--	0	14
Total	2,820	0	1,041	4,594	2,964	-1,359	49	179	4,364	388	5,177

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,729	20	--	--	2,865	-818	-78	-229	3,862	85	0
Hydrocarbon Gas Liquids	1,159	-93	-23	23	82	-450	--	-32	134	255	340
Natural Gas Liquids	1,159	-93	-23	-10	71	-434	--	-31	134	255	311
Ethane	425	--	--	--	--	-189	--	26	--	77	134
Propane	401	--	--	77	48	-332	--	33	--	3	158
Normal Butane	131	--	--	-79	17	-134	--	-104	44	3	-7
Isobutane	69	--	--	-9	5	33	--	3	68	0	27
Natural Gasoline	132	-93	-23	--	0	188	--	11	22	172	0
Refinery Olefins	--	--	--	33	12	-16	--	-1	--	--	29
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	33	5	-16	--	0	--	--	21
Normal Butylene	--	--	--	1	7	--	--	-1	--	--	8
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	73	1,086	--	27	-490	-80	64	385	110	58
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,086	--	5	-658	-29	23	289	34	58
Hydrogen	--	--	--	--	--	--	37	--	37	--	0
Biofuels (including Fuel Ethanol)	--	--	1,086	--	5	-658	-66	23	252	34	58
Fuel Ethanol	--	--	994	--	--	-630	-66	24	243	31	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	92	--	5	-28	--	-1	9	3	58
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	73	--	--	--	-32	--	-29	-4	75	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	22	200	-51	70	100	1	0
Reformulated	--	--	0	--	--	14	54	6	62	--	0
Conventional	--	--	0	--	22	186	-105	64	39	1	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	5	4,583	52	-2	117	108	--	20	4,627
Finished Motor Gasoline	--	--	5	2,463	--	3	117	-4	--	9	2,584
Reformulated	--	--	--	337	--	--	-50	--	--	--	287
Conventional	--	--	5	2,126	--	3	167	-4	--	9	2,297
Finished Aviation Gasoline	--	--	--	--	0	2	--	1	--	--	0
Kerosene-Type Jet Fuel	--	--	--	274	--	26	--	17	--	0	283
Kerosene	--	--	--	10	--	--	--	5	--	0	5
Distillate Fuel Oil	--	--	0	1,228	14	66	--	55	--	3	1,249
15 ppm sulfur and under	--	--	0	1,228	14	63	--	55	--	0	1,249
Greater than 15 to 500 ppm sulfur	--	--	0	2	0	3	--	-2	--	0	8
Greater than 500 ppm sulfur	--	--	--	-3	0	--	--	2	--	3	-8
Residual Fuel Oil	--	--	--	38	4	-39	--	0	--	--	2
Less than 0.31 percent sulfur	--	--	--	2	--	-8	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	16	0	-8	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	19	4	-24	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	29	5	-4	--	-2	--	--	31
Naphtha for Petro. Feed. Use	--	--	--	19	3	-4	--	-2	--	--	20
Other Oils for Petro. Feed. Use	--	--	--	10	2	-1	--	0	--	--	11
Special Naphthas	--	--	--	-1	0	1	--	1	--	--	-1
Lubricants	--	--	--	6	7	5	--	1	--	6	12
Waxes	--	--	--	1	0	--	--	0	--	1	1
Petroleum Coke	--	--	--	184	1	-32	--	8	--	1	144
Marketable	--	--	--	139	1	-32	--	8	--	1	99
Catalyst	--	--	--	45	--	--	--	--	--	--	45
Asphalt and Road Oil	--	--	--	196	21	-29	--	24	--	0	163
Still Gas	--	--	--	140	--	--	--	--	--	--	140
Miscellaneous Products	--	--	--	15	--	0	--	3	--	0	12
Total	2,888	0	1,068	4,606	3,025	-1,759	-41	-89	4,381	470	5,025

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,558	66	--	--	2,661	-513	-8	6	3,688	70	0
Hydrocarbon Gas Liquids	957	-120	-21	22	68	-290	--	-219	137	255	443
Natural Gas Liquids	957	-120	-21	-11	61	-264	--	-218	137	255	428
Ethane	297	--	--	--	--	-143	--	-26	--	81	99
Propane	361	--	--	71	40	-265	--	-97	--	3	301
Normal Butane	117	--	--	-73	15	-98	--	-103	51	5	8
Isobutane	64	--	--	-10	6	15	--	-8	64	0	20
Natural Gasoline	118	-120	-21	--	0	226	--	16	22	165	0
Refinery Olefins	--	--	--	33	7	-26	--	-1	--	--	15
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	33	4	-26	--	0	--	--	12
Normal Butylene	--	--	--	0	2	--	--	0	--	--	2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	54	1,009	--	24	-459	-152	34	295	101	47
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,009	--	3	-597	-34	19	284	32	47
Hydrogen	--	--	--	--	--	--	39	--	39	--	0
Biofuels (including Fuel Ethanol)	--	--	1,009	--	3	-597	-73	20	244	32	47
Fuel Ethanol	--	--	916	--	--	-564	-73	14	234	30	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	93	--	3	-33	--	6	10	1	47
Other Hydrocarbons	--	--	--	--	--	--	0	0	0	--	0
Unfinished Oils	--	54	--	--	--	-32	--	6	-52	68	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	21	170	-118	9	64	1	0
Reformulated	--	--	0	--	--	8	40	-4	51	--	0
Conventional	--	--	0	--	21	162	-157	12	13	1	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	4	4,298	53	-23	191	50	--	22	4,451
Finished Motor Gasoline	--	--	4	2,360	--	-2	191	-21	--	8	2,567
Reformulated	--	--	--	332	--	--	-36	--	--	--	296
Conventional	--	--	4	2,029	--	-2	227	-21	--	8	2,270
Finished Aviation Gasoline	--	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	--	229	--	46	--	-14	--	0	289
Kerosene	--	--	--	6	--	--	--	-7	--	0	12
Distillate Fuel Oil	--	--	0	1,156	12	33	--	42	--	4	1,156
15 ppm sulfur and under	--	--	0	1,155	12	29	--	36	--	0	1,159
Greater than 15 to 500 ppm sulfur	--	--	--	3	0	5	--	2	--	1	4
Greater than 500 ppm sulfur	--	--	--	-1	0	--	--	3	--	3	-7
Residual Fuel Oil	--	--	--	36	3	-38	--	3	--	--	-2
Less than 0.31 percent sulfur	--	--	--	3	--	-4	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	15	0	-5	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	19	2	-29	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	25	5	-3	--	0	--	--	27
Naphtha for Petro. Feed. Use	--	--	--	13	3	-2	--	0	--	--	14
Other Oils for Petro. Feed. Use	--	--	--	13	2	-1	--	0	--	--	13
Special Naphthas	--	--	--	0	0	--	--	0	--	--	-1
Lubricants	--	--	--	5	6	4	--	0	--	5	11
Waxes	--	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	--	175	1	-33	--	17	--	2	125
Marketable	--	--	--	132	1	-33	--	17	--	2	82
Catalyst	--	--	--	42	--	--	--	--	--	--	42
Asphalt and Road Oil	--	--	--	155	26	-32	--	29	--	3	117
Still Gas	--	--	--	134	--	--	--	--	--	--	134
Miscellaneous Products	--	--	--	16	--	0	--	1	--	0	15
Total	2,515	0	991	4,320	2,806	-1,286	31	-129	4,119	447	4,940

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	252,453	5,419	--	--	40,840	42,162	5,636	-9,300	254,725	101,086	0	809,576
Hydrocarbon Gas Liquids	101,774	-2,913	-14	10,008	--	22,869	--	-19,382	13,082	55,267	82,758	102,668
Natural Gas Liquids	101,774	-2,913	-14	3,817	--	22,267	--	-19,177	13,082	55,267	75,759	101,735
Ethane	45,523	--	--	278	--	15,953	--	-7,861	--	7,060	62,555	46,427
Propane	30,837	--	--	4,534	--	6,281	--	-6,765	--	39,664	8,754	23,613
Normal Butane	7,587	--	--	-888	--	2,139	--	-3,861	5,505	8,120	-926	16,067
Isobutane	8,330	--	--	-107	--	351	--	-428	3,507	118	5,377	5,986
Natural Gasoline	9,497	-2,913	-14	--	--	-2,457	--	-262	4,070	306	0	9,642
Refinery Olefins	--	--	--	6,191	--	603	--	-205	--	--	6,999	933
Ethylene	--	--	--	10	--	--	--	0	--	--	10	0
Propylene	--	--	--	6,543	--	603	--	-120	--	--	7,266	659
Normal Butylene	--	--	--	-341	--	--	--	-83	--	--	-258	260
Isobutylene	--	--	--	-21	--	--	--	-2	--	--	-19	14
Other Liquids	--	-2,507	2,859	--	11,571	-55,081	4,127	8,608	-62,687	13,297	1,752	130,307
Hydrogen/Biofuels/Other Hydrocarbons	--	--	2,859	--	7	5,497	4,238	593	8,452	1,794	1,763	6,150
Hydrogen	--	--	--	--	--	--	3,835	--	3,835	--	0	--
Biofuels (including Fuel Ethanol)	--	--	2,859	--	7	5,497	403	593	4,617	1,794	1,763	6,150
Fuel Ethanol	--	--	724	--	--	5,217	403	500	4,163	1,681	0	4,391
Biofuels (excluding Fuel Ethanol) ⁷	--	--	2,135	--	7	281	--	93	454	113	1,763	1,760
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-2,507	--	--	11,085	1,028	--	3,625	-2,979	8,960	0	44,772
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	479	-61,606	-111	4,384	-68,165	2,543	0	79,354
Reformulated	--	--	--	--	--	-8,592	5,587	1,692	-4,697	0	0	11,185
Conventional	--	--	--	--	479	-53,014	-5,699	2,692	-63,468	2,542	0	68,169
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	6	5	--	-11	31
Finished Petroleum Products	--	--	2	211,169	4,795	-46,577	-292	2,504	--	70,126	96,468	98,489
Finished Motor Gasoline	--	--	0	64,577	--	-3,050	-292	263	--	21,656	39,316	7,032
Reformulated	--	--	--	12,718	--	--	-6,119	--	--	--	6,599	--
Conventional	--	--	0	51,859	--	-3,050	5,827	263	--	21,656	32,717	7,032
Finished Aviation Gasoline	--	--	--	258	80	-73	--	140	--	--	125	647
Kerosene-Type Jet Fuel	--	--	--	23,452	--	-14,013	--	651	--	3,801	4,987	11,713
Kerosene	--	--	--	7	--	-81	--	-41	--	27	-60	273
Distillate Fuel Oil	--	--	2	82,539	--	-31,262	--	596	--	26,934	23,749	40,004
15 ppm sulfur and under	--	--	2	76,984	--	-30,104	--	-102	--	23,132	23,852	34,525
Greater than 15 to 500 ppm sulfur	--	--	0	1,482	--	-135	--	251	--	2,058	-962	1,335
Greater than 500 ppm sulfur	--	--	--	4,073	--	-1,023	--	447	--	1,745	858	4,144
Residual Fuel Oil	--	--	--	2,134	3,402	936	--	843	--	1,662	3,967	16,553
Less than 0.31 percent sulfur	--	--	--	914	--	--	--	120	--	NA	NA	1,191
0.31 to 1.00 percent sulfur	--	--	--	913	657	496	--	109	--	NA	NA	4,493
Greater than 1.00 percent sulfur	--	--	--	307	2,745	440	--	614	--	NA	NA	10,869
Petrochemical Feedstocks	--	--	--	6,345	249	64	--	6	--	1,853	4,799	2,012
Naphtha for Petro. Feed. Use	--	--	--	4,017	215	42	--	-108	--	--	4,382	1,360
Other Oils for Petro. Feed. Use	--	--	--	2,328	34	22	--	114	--	1,853	417	652
Special Naphthas	--	--	--	1,386	76	-43	--	364	--	--	1,055	1,214
Lubricants	--	--	--	3,320	718	-736	--	-923	--	1,904	2,321	8,923
Waxes	--	--	--	129	80	--	--	-5	--	24	190	269
Petroleum Coke	--	--	--	12,862	190	1,686	--	478	--	11,746	2,515	4,324
Marketable	--	--	--	9,954	190	1,686	--	478	--	11,746	-393	4,324
Catalyst	--	--	--	2,908	--	--	--	--	--	--	2,908	--
Asphalt and Road Oil	--	--	--	2,211	--	4	--	-77	--	512	1,780	4,879
Still Gas	--	--	--	10,205	--	--	--	--	--	--	10,205	--
Miscellaneous Products	--	--	--	1,744	--	-9	--	209	--	6	1,520	646
Total	354,227	0	2,847	221,177	57,206	-36,626	9,471	-17,571	205,120	239,777	180,977	1,141,040

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	220,930	10,858	--	--	33,943	35,202	8,939	-6,119	228,755	87,236	0	803,457
Hydrocarbon Gas Liquids	92,017	-4,010	-12	9,792	--	19,784	--	-11,788	10,895	48,248	70,215	90,880
Natural Gas Liquids	92,017	-4,010	-12	3,796	--	19,264	--	-11,937	10,895	48,248	63,848	89,798
Ethane	40,911	--	--	181	--	13,901	--	-5,421	--	6,247	54,167	41,006
Propane	28,093	--	--	4,113	--	5,754	--	-2,996	--	33,747	7,209	20,617
Normal Butane	7,072	--	--	-349	--	2,414	--	-1,326	4,184	7,600	-1,321	14,741
Isobutane	7,380	--	--	-149	--	90	--	-148	3,408	268	3,793	5,838
Natural Gasoline	8,561	-4,010	-12	--	--	-2,895	--	-2,046	3,303	386	0	7,596
Refinery Olefins	--	--	--	5,996	--	520	--	149	--	--	6,367	1,082
Ethylene	--	--	--	8	--	--	--	0	--	--	8	0
Propylene	--	--	--	5,969	--	520	--	103	--	--	6,386	762
Normal Butylene	--	--	--	40	--	--	--	49	--	--	-9	309
Isobutylene	--	--	--	-21	--	--	--	-3	--	--	-18	11
Other Liquids	--	-6,847	2,520	--	14,774	-46,928	1,367	6,493	-54,614	11,617	1,390	136,800
Hydrogen/Biofuels/Other Hydrocarbons	--	--	2,520	--	--	6,897	2,061	255	7,497	2,330	1,396	6,405
Hydrogen	--	--	--	--	--	--	3,249	--	3,249	--	0	--
Biofuels (including Fuel Ethanol)	--	--	2,520	--	--	6,897	-1,188	255	4,248	2,330	1,396	6,405
Fuel Ethanol	--	--	600	--	--	6,888	-1,188	55	3,956	2,289	0	4,446
Biofuels (excluding Fuel Ethanol) ⁷	--	--	1,920	--	--	9	--	199	292	42	1,396	1,959
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-6,847	--	--	12,651	751	--	3,585	-4,851	7,821	0	48,357
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2,123	-54,576	-694	2,647	-57,260	1,466	0	82,001
Reformulated	--	--	--	--	--	-8,202	3,905	-186	-4,111	0	0	10,999
Conventional	--	--	--	--	2,123	-46,374	-4,600	2,833	-53,149	1,465	0	71,002
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	6	0	--	-6	37
Finished Petroleum Products	--	--	5	188,799	5,970	-43,989	1,882	-584	--	65,594	87,657	97,905
Finished Motor Gasoline	--	--	0	58,474	--	-2,512	1,882	139	--	20,155	37,550	7,171
Reformulated	--	--	--	11,761	--	--	-4,005	--	--	--	7,756	--
Conventional	--	--	0	46,713	--	-2,512	5,887	139	--	20,155	29,795	7,171
Finished Aviation Gasoline	--	--	--	147	--	-137	--	-98	--	--	108	549
Kerosene-Type Jet Fuel	--	--	--	21,295	--	-13,920	--	289	--	3,743	3,343	12,002
Kerosene	--	--	--	15	--	-81	--	56	--	383	-505	329
Distillate Fuel Oil	--	--	5	74,143	136	-28,056	--	-488	--	22,481	24,235	39,516
15 ppm sulfur and under	--	--	5	69,139	136	-26,962	--	-227	--	17,214	25,331	34,298
Greater than 15 to 500 ppm sulfur	--	--	0	1,010	--	-54	--	-333	--	1,848	-559	1,002
Greater than 500 ppm sulfur	--	--	--	3,994	--	-1,040	--	72	--	3,419	-537	4,216
Residual Fuel Oil	--	--	--	1,703	3,970	470	--	448	--	2,651	3,044	17,001
Less than 0.31 percent sulfur	--	--	--	870	--	--	--	-300	--	NA	NA	891
0.31 to 1.00 percent sulfur	--	--	--	737	302	281	--	237	--	NA	NA	4,730
Greater than 1.00 percent sulfur	--	--	--	96	3,668	189	--	511	--	NA	NA	11,380
Petrochemical Feedstocks	--	--	--	4,371	208	74	--	20	--	979	3,654	2,032
Naphtha for Petro. Feed. Use	--	--	--	3,184	163	84	--	174	--	--	3,257	1,534
Other Oils for Petro. Feed. Use	--	--	--	1,187	45	-10	--	-154	--	979	397	498
Special Naphthas	--	--	--	827	88	-30	--	-377	--	--	1,262	837
Lubricants	--	--	--	3,598	1,000	-649	--	281	--	2,049	1,619	9,204
Waxes	--	--	--	136	7	--	--	-8	--	19	132	261
Petroleum Coke	--	--	--	11,620	533	791	--	-500	--	12,819	625	3,824
Marketable	--	--	--	8,847	533	791	--	-500	--	12,819	-2,148	3,824
Catalyst	--	--	--	2,773	--	--	--	--	--	--	-2,773	--
Asphalt and Road Oil	--	--	--	1,973	28	72	--	-44	--	300	1,817	4,835
Still Gas	--	--	--	9,121	--	--	--	--	--	--	9,121	--
Miscellaneous Products	--	--	--	1,376	--	-11	--	-302	--	15	1,652	344
Total	312,947	0	2,513	198,591	54,687	-35,930	12,188	-11,998	185,036	212,695	159,263	1,129,042

-- = Not Applicable.
 - = No Data Reported.
 NA = Not Available.
¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
 Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isocane, and Isooctane." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	259,326	6,780	--	--	40,084	34,167	12,391	-9,659	267,871	94,535	0	793,798
Hydrocarbon Gas Liquids	109,619	-2,664	-13	13,673	--	29,088	--	2,109	11,165	57,248	79,181	92,990
Natural Gas Liquids	109,619	-2,664	-13	7,303	--	28,573	--	2,276	11,165	57,248	72,129	92,075
Ethane	49,835	--	--	149	--	17,804	--	-391	--	9,184	58,995	40,615
Propane	32,636	--	--	4,593	--	8,776	--	288	--	37,788	7,929	20,905
Normal Butane	7,917	--	--	2,749	--	3,928	--	1,317	2,853	10,061	363	16,058
Isobutane	8,971	--	--	-188	--	542	--	68	4,272	143	4,842	5,906
Natural Gasoline	10,260	-2,664	-13	--	--	-2,477	--	994	4,040	72	0	8,591
Refinery Olefins	--	--	--	6,370	--	515	--	-167	--	--	7,052	915
Ethylene	--	--	--	11	--	--	--	0	--	--	11	0
Propylene	--	--	--	6,902	--	515	--	-99	--	--	7,516	663
Normal Butylene	--	--	--	-518	--	--	--	-68	--	--	-450	241
Isobutylene	--	--	--	-25	--	--	--	0	--	--	-25	11
Other Liquids	--	-4,116	2,765	--	15,266	-55,932	-585	-1,735	-56,290	13,995	1,429	135,065
Hydrogen/Biofuels/Other Hydrocarbons	--	--	2,765	--	78	4,656	5,186	501	9,014	1,733	1,438	6,906
Hydrogen	--	--	--	--	--	--	3,869	--	3,869	--	0	--
Biofuels (including Fuel Ethanol)	--	--	2,765	--	78	4,656	1,317	501	5,145	1,733	1,438	6,906
Fuel Ethanol	--	--	657	--	--	4,856	1,317	467	4,630	1,732	0	4,913
Biofuels (excluding Fuel Ethanol) ⁷	--	--	2,109	--	78	-200	--	33	515	0	1,438	1,992
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4,116	--	--	14,475	850	--	-199	1,330	10,078	0	48,158
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	713	-61,438	-5,771	-2,030	-66,650	2,184	0	79,971
Reformulated	--	--	--	--	--	-9,545	3,135	1,498	-7,908	0	0	12,497
Conventional	--	--	--	--	713	-51,893	-8,906	-3,528	-58,742	2,184	0	67,474
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-7	16	--	-9	30
Finished Petroleum Products	--	--	7	226,059	6,227	-44,464	4,454	1,219	--	79,202	111,862	99,124
Finished Motor Gasoline	--	--	0	67,986	--	-2,810	4,454	-176	--	21,529	48,276	6,995
Reformulated	--	--	--	13,913	--	--	-2,448	--	--	--	11,465	--
Conventional	--	--	0	54,073	--	-2,810	6,902	-176	--	21,529	36,811	6,995
Finished Aviation Gasoline	--	--	--	341	--	-37	--	24	--	--	280	573
Kerosene-Type Jet Fuel	--	--	--	23,398	--	-14,585	--	-169	--	4,738	4,244	11,833
Kerosene	--	--	--	-7	--	-36	--	43	--	195	-281	372
Distillate Fuel Oil	--	--	7	91,442	110	-28,060	--	1,189	--	32,249	30,061	40,705
15 ppm sulfur and under	--	--	7	85,242	--	-27,136	--	543	--	27,875	29,694	34,841
Greater than 15 to 500 ppm sulfur	--	--	0	3,070	--	-87	--	385	--	2,369	229	1,387
Greater than 500 ppm sulfur	--	--	--	3,130	110	-837	--	261	--	2,005	137	4,477
Residual Fuel Oil	--	--	--	3,272	4,229	860	--	1,255	--	2,815	4,291	18,256
Less than 0.31 percent sulfur	--	--	--	900	--	48	--	19	--	NA	NA	910
0.31 to 1.00 percent sulfur	--	--	--	1,264	--	467	--	663	--	NA	NA	5,393
Greater than 1.00 percent sulfur	--	--	--	1,108	4,229	345	--	573	--	NA	NA	11,953
Petrochemical Feedstocks	--	--	--	6,019	251	42	--	-154	--	1,297	5,169	1,878
Naphtha for Petro. Feed. Use	--	--	--	3,675	211	22	--	-274	--	--	4,182	1,260
Other Oils for Petro. Feed. Use	--	--	--	2,344	40	20	--	120	--	1,297	987	618
Special Naphthas	--	--	--	1,091	553	-29	--	-2	--	--	1,617	835
Lubricants	--	--	--	4,291	993	-571	--	-700	--	2,352	3,061	8,504
Waxes	--	--	--	162	--	--	--	-17	--	36	143	244
Petroleum Coke	--	--	--	13,422	91	1,004	--	-708	--	13,668	1,556	3,116
Marketable	--	--	--	10,286	91	1,004	--	-708	--	13,668	-1,580	3,116
Catalyst	--	--	--	3,136	--	--	--	--	--	--	3,136	--
Asphalt and Road Oil	--	--	--	2,625	--	-231	--	613	--	260	1,521	5,448
Still Gas	--	--	--	10,453	--	--	--	--	--	--	10,453	--
Miscellaneous Products	--	--	--	1,564	--	-10	--	21	--	62	1,471	365
Total	368,945	0	2,759	239,732	61,577	-37,141	16,260	-8,066	222,746	244,979	192,472	1,120,976

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	256,086	7,507	--	--	37,049	30,779	16,548	-13,273	259,598	101,643	0	780,525
Hydrocarbon Gas Liquids	108,391	-3,377	-14	15,945	41	29,260	--	11,887	9,069	53,206	76,084	104,876
Natural Gas Liquids	108,391	-3,377	-14	9,101	16	28,784	--	11,880	9,069	53,206	68,746	103,954
Ethane	48,697	--	--	163	--	18,177	--	2,394	--	5,728	58,915	43,009
Propane	32,328	--	--	4,974	16	9,116	--	4,364	--	35,944	6,126	25,269
Normal Butane	7,902	--	--	4,173	--	3,904	--	3,938	1,714	11,332	-1,005	19,996
Isobutane	8,975	--	--	-209	--	642	--	312	4,275	111	4,711	6,218
Natural Gasoline	10,489	-3,377	-14	--	--	-3,055	--	872	3,080	91	0	9,462
Refinery Olefins	--	--	--	6,844	25	476	--	7	--	--	7,338	922
Ethylene	--	--	--	7	--	--	--	0	--	--	7	0
Propylene	--	--	--	6,787	--	476	--	-75	--	--	7,338	588
Normal Butylene	--	--	--	77	25	--	--	82	--	--	20	323
Isobutylene	--	--	--	-27	--	--	--	0	--	--	-27	11
Other Liquids	--	-4,129	3,099	--	19,888	-53,984	-343	134	-49,446	12,452	1,391	135,199
Hydrogen/Biofuels/Other Hydrocarbons	--	--	3,099	--	126	4,943	5,070	-959	9,069	3,733	1,395	5,947
Hydrogen	--	--	--	--	--	--	4,036	--	4,036	--	0	--
Biofuels (including Fuel Ethanol)	--	--	3,099	--	126	4,943	1,034	-959	5,033	3,733	1,395	5,947
Fuel Ethanol	--	--	712	--	--	5,228	1,034	-985	4,553	3,406	0	3,929
Biofuels (excluding Fuel Ethanol) ⁷	--	--	2,386	--	126	-285	--	26	480	327	1,395	2,018
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4,129	--	--	17,642	-75	--	-84	6,113	7,409	0	48,074
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2,120	-58,852	-5,412	1,184	-64,639	1,311	0	81,155
Reformulated	--	--	--	--	--	-10,847	1,351	-808	-8,688	0	0	11,689
Conventional	--	--	--	--	2,120	-48,005	-6,764	1,992	-55,951	1,310	0	69,466
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-7	11	--	-4	23
Finished Petroleum Products	--	--	5	221,458	5,249	-42,310	4,379	318	--	84,056	104,407	99,442
Finished Motor Gasoline	--	--	0	64,277	94	-2,030	4,379	171	--	23,414	43,135	7,166
Reformulated	--	--	--	13,946	--	--	-816	--	--	--	13,130	--
Conventional	--	--	0	50,331	94	-2,030	5,194	171	--	23,414	30,004	7,166
Finished Aviation Gasoline	--	--	--	273	--	-141	--	-69	--	--	201	504
Kerosene-Type Jet Fuel	--	--	--	26,808	--	-14,535	--	-6	--	5,500	6,779	11,827
Kerosene	--	--	--	48	--	--	--	125	--	55	-132	497
Distillate Fuel Oil	--	--	5	86,997	--	-26,020	--	-252	--	36,114	25,120	40,453
15 ppm sulfur and under	--	--	5	81,161	--	-25,063	--	-930	--	30,879	26,153	33,911
Greater than 15 to 500 ppm sulfur	--	--	0	2,762	--	-274	--	-68	--	3,071	-515	1,319
Greater than 500 ppm sulfur	--	--	--	3,074	--	-683	--	746	--	2,163	-518	5,223
Residual Fuel Oil	--	--	--	1,959	3,444	664	--	162	--	2,867	3,038	18,418
Less than 0.31 percent sulfur	--	--	--	950	--	--	--	189	--	NA	NA	1,099
0.31 to 1.00 percent sulfur	--	--	--	1,396	119	402	--	8	--	NA	NA	5,401
Greater than 1.00 percent sulfur	--	--	--	-387	3,325	262	--	-35	--	NA	NA	11,918
Petrochemical Feedstocks	--	--	--	6,539	114	97	--	237	--	889	5,624	2,115
Naphtha for Petro. Feed. Use	--	--	--	3,636	73	97	--	137	--	--	3,669	1,397
Other Oils for Petro. Feed. Use	--	--	--	2,903	41	--	--	100	--	889	1,955	718
Special Naphthas	--	--	--	970	245	-21	--	-59	--	--	1,253	776
Lubricants	--	--	--	4,297	1,033	-793	--	-211	--	2,334	2,414	8,293
Waxes	--	--	--	141	68	--	--	38	--	20	151	282
Petroleum Coke	--	--	--	14,148	251	498	--	-104	--	12,381	2,620	3,012
Marketable	--	--	--	10,895	251	498	--	-104	--	12,381	-633	3,012
Catalyst	--	--	--	3,253	--	--	--	--	--	--	3,253	--
Asphalt and Road Oil	--	--	--	2,519	--	-24	--	174	--	453	1,868	5,622
Still Gas	--	--	--	10,871	--	--	--	--	--	--	10,871	--
Miscellaneous Products	--	--	--	1,611	--	-5	--	112	--	30	1,464	477
Total	364,477	0	3,089	237,403	62,227	-36,255	20,584	-934	219,221	251,357	181,882	1,120,042

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	259,097	4,283	--	--	44,668	32,388	9,726	-25,126	275,074	100,214	0	755,399
Hydrocarbon Gas Liquids	111,109	-374	-14	16,493	--	26,734	--	12,863	10,298	58,390	72,396	117,739
Natural Gas Liquids	111,109	-374	-14	9,726	--	26,194	--	12,799	10,298	58,390	65,154	116,753
Ethane	49,071	--	--	172	--	17,928	--	1,277	--	7,999	57,895	44,286
Propane	32,990	--	--	4,913	--	8,683	--	4,311	--	37,661	4,614	29,580
Normal Butane	8,459	--	--	4,771	--	4,059	--	4,545	1,410	12,478	-1,144	24,541
Isobutane	8,954	--	--	-130	--	128	--	603	4,416	143	3,790	6,821
Natural Gasoline	11,635	-374	-14	--	--	-4,603	--	2,063	4,472	108	0	11,525
Refinery Olefins	--	--	--	6,767	--	540	--	64	--	--	7,243	986
Ethylene	--	--	--	7	--	--	--	0	--	--	7	0
Propylene	--	--	--	7,038	--	540	--	110	--	--	7,468	698
Normal Butylene	--	--	--	-248	--	--	--	-53	--	--	-195	270
Isobutylene	--	--	--	-30	--	--	--	7	--	--	-37	18
Other Liquids	--	-3,908	3,230	--	13,487	-60,300	198	-4,989	-54,825	10,431	2,089	130,210
Hydrogen/Biofuels/Other Hydrocarbons	--	--	3,230	--	146	4,447	6,177	342	9,087	2,463	2,107	6,289
Hydrogen	--	--	--	--	--	--	3,986	--	3,986	--	0	--
Biofuels (including Fuel Ethanol)	--	--	3,230	--	146	4,447	2,191	342	5,101	2,463	2,107	6,289
Fuel Ethanol	--	--	657	--	--	4,727	2,191	588	4,732	2,255	0	4,516
Biofuels (excluding Fuel Ethanol) ⁷	--	--	2,573	--	146	-280	--	-245	369	209	2,107	1,773
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3,908	--	--	12,166	276	--	-505	2,164	6,875	0	47,569
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,175	-65,023	-5,979	-4,836	-66,084	1,093	0	76,319
Reformulated	--	--	--	--	--	-13,835	3,014	1,038	-11,860	1	0	12,727
Conventional	--	--	--	--	1,175	-51,188	-8,993	-5,874	-54,224	1,092	0	63,592
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	10	8	--	-18	33
Finished Petroleum Products	--	--	8	233,265	5,625	-44,985	3,788	3,247	--	86,705	107,749	102,689
Finished Motor Gasoline	--	--	0	68,893	85	-1,359	3,788	283	--	26,368	44,756	7,449
Reformulated	--	--	--	14,745	--	--	-2,234	--	--	--	12,511	--
Conventional	--	--	0	54,148	85	-1,359	6,022	283	--	26,368	32,245	7,449
Finished Aviation Gasoline	--	--	--	335	--	-31	--	120	--	--	184	624
Kerosene-Type Jet Fuel	--	--	--	28,671	--	-18,829	--	404	--	4,061	5,377	12,231
Kerosene	--	--	--	180	--	--	--	-91	--	143	128	406
Distillate Fuel Oil	--	--	8	90,371	--	-25,563	--	2,797	--	33,325	28,694	43,250
15 ppm sulfur and under	--	--	8	84,321	--	-24,321	--	2,482	--	28,153	29,372	36,393
Greater than 15 to 500 ppm sulfur	--	--	0	2,634	--	-301	--	44	--	2,634	-345	1,363
Greater than 500 ppm sulfur	--	--	--	3,416	--	-941	--	271	--	2,537	-333	5,494
Residual Fuel Oil	--	--	--	2,354	3,826	770	--	-550	--	3,210	4,290	17,868
Less than 0.31 percent sulfur	--	--	--	829	615	80	--	10	--	NA	NA	1,109
0.31 to 1.00 percent sulfur	--	--	--	1,400	--	347	--	-222	--	NA	NA	5,179
Greater than 1.00 percent sulfur	--	--	--	125	3,211	343	--	-338	--	NA	NA	11,580
Petrochemical Feedstocks	--	--	--	6,673	166	48	--	-98	--	875	6,110	2,017
Naphtha for Petro. Feed. Use	--	--	--	3,700	142	48	--	-53	--	--	3,943	1,344
Other Oils for Petro. Feed. Use	--	--	--	2,973	24	--	--	-45	--	875	2,167	673
Special Naphthas	--	--	--	1,165	174	-12	--	207	--	--	1,120	983
Lubricants	--	--	--	4,534	1,103	-743	--	-166	--	2,949	2,111	8,127
Waxes	--	--	--	129	13	--	--	-21	--	29	134	261
Petroleum Coke	--	--	--	14,561	258	597	--	210	--	15,406	-199	3,222
Marketable	--	--	--	11,241	258	597	--	210	--	15,406	-3,519	3,222
Catalyst	--	--	--	3,320	--	--	--	--	--	--	3,320	--
Asphalt and Road Oil	--	--	--	2,418	--	136	--	110	--	289	2,155	5,732
Still Gas	--	--	--	11,318	--	--	--	--	--	--	11,318	--
Miscellaneous Products	--	--	--	1,663	--	--	--	42	--	51	1,570	519
Total	370,206	0	3,223	249,758	63,780	-46,163	13,712	-14,004	230,547	255,740	182,234	1,106,037

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	252,680	7,322	--	--	40,007	23,276	17,458	-27,121	268,411	99,454	0	728,278
Hydrocarbon Gas Liquids	107,897	-4,154	-14	15,820	1	30,983	--	3,190	9,463	59,849	78,030	120,929
Natural Gas Liquids	107,897	-4,154	-14	9,693	1	30,485	--	3,175	9,463	59,849	71,420	119,928
Ethane	46,883	--	--	210	--	18,840	--	-3,210	--	9,993	59,150	41,076
Propane	32,143	--	--	4,785	--	8,925	--	-371	--	39,908	6,316	29,209
Normal Butane	8,523	--	--	4,921	--	4,706	--	6,855	710	9,773	812	31,396
Isobutane	8,489	--	--	-223	--	918	--	-411	4,314	138	5,143	6,410
Natural Gasoline	11,859	-4,154	-14	--	1	-2,904	--	312	4,439	36	0	11,837
Refinery Olefins	--	--	--	6,127	--	498	--	15	--	--	6,610	1,001
Ethylene	--	--	--	8	--	--	--	0	--	--	8	0
Propylene	--	--	--	6,543	--	498	--	67	--	--	6,974	765
Normal Butylene	--	--	--	-394	--	--	--	-45	--	--	-349	225
Isobutylene	--	--	--	-30	--	--	--	-7	--	--	-23	11
Other Liquids	--	-3,168	3,271	--	14,533	-59,865	1,346	837	-55,296	8,523	2,054	131,047
Hydrogen/Biofuels/Other Hydrocarbons	--	--	3,271	--	71	3,945	4,667	-250	8,858	1,289	2,058	6,039
Hydrogen	--	--	--	--	--	--	4,152	--	4,152	--	0	--
Biofuels (including Fuel Ethanol)	--	--	3,271	--	71	3,945	515	-250	4,706	1,289	2,058	6,039
Fuel Ethanol	--	--	779	--	--	4,401	515	-42	4,496	1,241	0	4,474
Biofuels (excluding Fuel Ethanol) ⁷	--	--	2,493	--	71	-455	--	-208	210	49	2,058	1,565
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3,168	--	--	12,264	165	--	197	5,455	3,609	0	47,766
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2,198	-63,975	-3,322	886	-69,609	3,624	0	77,205
Reformulated	--	--	--	--	--	-13,991	2,252	197	-11,937	1	0	12,924
Conventional	--	--	--	--	2,198	-49,984	-5,573	689	-57,672	3,624	0	64,281
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	4	0	--	-4	37
Finished Petroleum Products	--	--	9	226,548	7,336	-49,053	2,806	-2,953	--	86,990	103,609	99,736
Finished Motor Gasoline	--	--	0	65,498	--	-3,931	2,806	-706	--	25,834	39,246	6,743
Reformulated	--	--	--	14,001	--	--	-1,861	--	--	--	12,140	--
Conventional	--	--	0	51,497	--	-3,931	4,667	-706	--	25,834	27,105	6,743
Finished Aviation Gasoline	--	--	--	196	--	-126	--	-98	--	--	168	526
Kerosene-Type Jet Fuel	--	--	--	26,949	--	-16,357	--	-438	--	5,259	5,771	11,793
Kerosene	--	--	--	70	--	--	--	-44	--	216	-102	362
Distillate Fuel Oil	--	--	9	91,340	--	-29,301	--	-524	--	33,881	28,691	42,726
15 ppm sulfur and under	--	--	9	85,875	--	-28,193	--	-569	--	28,379	29,881	35,824
Greater than 15 to 500 ppm sulfur	--	--	0	2,875	--	-102	--	45	--	2,753	-25	1,408
Greater than 500 ppm sulfur	--	--	--	2,590	--	-1,006	--	0	--	2,749	-1,165	5,494
Residual Fuel Oil	--	--	--	1,229	5,407	984	--	-948	--	3,042	5,526	16,920
Less than 0.31 percent sulfur	--	--	--	697	265	46	--	-107	--	NA	NA	1,002
0.31 to 1.00 percent sulfur	--	--	--	1,311	630	454	--	-173	--	NA	NA	5,006
Greater than 1.00 percent sulfur	--	--	--	-779	4,512	484	--	-668	--	NA	NA	10,912
Petrochemical Feedstocks	--	--	--	5,787	246	49	--	-31	--	1,471	4,642	1,986
Naphtha for Petro. Feed. Use	--	--	--	3,105	246	49	--	47	--	--	3,353	1,391
Other Oils for Petro. Feed. Use	--	--	--	2,682	--	--	--	-78	--	1,471	1,289	595
Special Naphthas	--	--	--	1,031	323	-60	--	-30	--	--	1,324	953
Lubricants	--	--	--	4,355	1,036	-803	--	-293	--	3,526	1,355	7,834
Waxes	--	--	--	158	48	--	--	3	--	17	186	264
Petroleum Coke	--	--	--	14,390	245	751	--	323	--	13,417	1,646	3,545
Marketable	--	--	--	11,217	245	751	--	323	--	13,417	-1,527	3,545
Catalyst	--	--	--	3,173	--	--	--	--	--	--	3,173	--
Asphalt and Road Oil	--	--	--	2,547	31	-251	--	-220	--	273	2,274	5,512
Still Gas	--	--	--	11,249	--	--	--	--	--	--	11,249	--
Miscellaneous Products	--	--	--	1,749	--	-8	--	53	--	54	1,634	572
Total	360,577	0	3,266	242,368	61,877	-54,659	21,610	-26,047	222,578	254,815	183,693	1,079,990

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	262,091	8,697	--	--	50,679	24,383	16,242	-26,405	279,234	109,262	0	701,873
Hydrocarbon Gas Liquids	117,260	-3,262	-15	16,297	--	32,616	--	13,761	10,600	53,636	84,900	134,690
Natural Gas Liquids	117,260	-3,262	-15	9,582	--	32,035	--	13,534	10,600	53,636	77,830	133,462
Ethane	51,037	--	--	256	--	19,454	--	-2,571	--	9,433	63,885	38,505
Propane	34,492	--	--	4,997	--	9,648	--	5,217	--	35,795	8,125	34,426
Normal Butane	9,291	--	--	4,567	--	4,678	--	8,181	1,012	8,248	1,096	39,577
Isobutane	9,301	--	--	-238	--	933	--	623	4,537	111	4,725	7,033
Natural Gasoline	13,139	-3,262	-15	--	--	-2,678	--	2,084	5,051	49	0	13,921
Refinery Olefins	--	--	--	6,715	--	582	--	227	--	--	7,070	1,228
Ethylene	--	--	--	12	--	--	--	0	--	--	12	0
Propylene	--	--	--	6,773	--	582	--	1	--	--	7,354	766
Normal Butylene	--	--	--	-30	--	--	--	222	--	--	-252	447
Isobutylene	--	--	--	-40	--	--	--	4	--	--	-44	15
Other Liquids	--	-5,435	3,374	--	18,693	-60,423	-2,274	2,983	-58,349	7,320	1,981	134,030
Hydrogen/Biofuels/Other Hydrocarbons	--	--	3,374	--	--	4,209	4,638	-248	8,933	1,545	1,991	5,791
Hydrogen	--	--	--	--	--	-209	4,093	--	4,093	--	0	--
Biofuels (including Fuel Ethanol)	--	--	3,374	--	--	4,209	545	-248	4,840	1,545	1,991	5,791
Fuel Ethanol	--	--	758	--	--	4,426	545	-289	4,537	1,482	0	4,184
Biofuels (excluding Fuel Ethanol) ⁷	--	--	2,615	--	--	-217	--	41	303	63	1,991	1,606
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5,435	--	--	16,435	310	--	216	6,909	4,185	0	47,982
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2,258	-64,942	-6,912	3,006	-74,192	1,590	0	80,211
Reformulated	--	--	--	--	--	-15,412	3,197	506	-12,724	3	0	13,430
Conventional	--	--	--	--	2,258	-49,530	-10,109	2,500	-61,468	1,587	0	66,781
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	9	1	--	-10	46
Finished Petroleum Products	--	--	7	236,091	5,470	-45,442	6,367	2,727	--	90,212	109,554	102,463
Finished Motor Gasoline	--	--	0	65,598	--	-4,080	6,367	-70	--	22,536	45,420	6,673
Reformulated	--	--	--	14,016	--	--	-2,483	--	--	--	11,533	--
Conventional	--	--	0	51,582	--	-4,080	8,850	-70	--	22,536	33,887	6,673
Finished Aviation Gasoline	--	--	--	284	--	-44	--	64	--	--	176	590
Kerosene-Type Jet Fuel	--	--	--	27,805	--	-16,435	--	627	--	5,339	5,404	12,420
Kerosene	--	--	--	144	--	--	--	171	--	30	-57	533
Distillate Fuel Oil	--	--	7	96,023	25	-25,904	--	-377	--	43,788	26,740	42,349
15 ppm sulfur and under	--	--	7	89,028	--	-25,189	--	243	--	38,398	25,205	36,067
Greater than 15 to 500 ppm sulfur	--	--	0	2,922	25	-117	--	-22	--	2,659	193	1,386
Greater than 500 ppm sulfur	--	--	--	4,073	--	-598	--	-598	--	2,731	1,342	4,896
Residual Fuel Oil	--	--	--	2,339	2,766	687	--	1,035	--	2,069	2,688	17,955
Less than 0.31 percent sulfur	--	--	--	1,050	--	94	--	-193	--	NA	NA	809
0.31 to 1.00 percent sulfur	--	--	--	1,346	313	365	--	173	--	NA	NA	5,179
Greater than 1.00 percent sulfur	--	--	--	-57	2,453	228	--	1,055	--	NA	NA	11,967
Petrochemical Feedstocks	--	--	--	6,853	366	117	--	134	--	1,004	6,198	2,120
Naphtha for Petro. Feed. Use	--	--	--	3,512	303	94	--	65	--	--	3,844	1,456
Other Oils for Petro. Feed. Use	--	--	--	3,341	63	23	--	69	--	1,004	2,354	664
Special Naphthas	--	--	--	1,008	444	26	--	-103	--	--	1,581	850
Lubricants	--	--	--	4,313	1,370	-722	--	728	--	3,902	331	8,562
Waxes	--	--	--	141	70	--	--	5	--	16	190	269
Petroleum Coke	--	--	--	14,872	429	1,222	--	438	--	11,341	4,744	3,983
Marketable	--	--	--	11,550	429	1,222	--	438	--	11,341	1,422	3,983
Catalyst	--	--	--	3,322	--	--	--	--	--	--	3,322	--
Asphalt and Road Oil	--	--	--	2,806	--	-297	--	79	--	139	2,291	5,591
Still Gas	--	--	--	12,138	--	--	--	--	--	--	12,138	--
Miscellaneous Products	--	--	--	1,767	--	-12	--	-4	--	49	1,710	568
Total	379,351	0	3,365	252,388	74,842	-48,866	20,335	-6,934	231,485	260,430	196,434	1,073,056

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	267,150	10,568	--	--	37,472	30,078	15,561	-21,812	276,575	106,065	0	680,061
Hydrocarbon Gas Liquids	114,883	-4,039	-15	15,430	1	30,572	--	15,995	10,720	58,457	71,660	150,685
Natural Gas Liquids	114,883	-4,039	-15	9,513	1	29,978	--	16,244	10,720	58,457	64,901	149,706
Ethane	48,741	--	--	197	--	18,240	--	3,575	--	10,237	53,366	42,080
Propane	34,675	--	--	5,042	--	9,620	--	5,952	--	38,735	4,649	40,378
Normal Butane	8,957	--	--	4,496	--	4,298	--	5,148	1,394	9,104	2,105	44,725
Isobutane	9,388	--	--	-222	--	1,003	--	735	4,361	294	4,780	7,768
Natural Gasoline	13,122	-4,039	-15	--	1	-3,183	--	834	4,965	88	0	14,755
Refinery Olefins	--	--	--	5,917	--	594	--	-249	--	--	6,760	979
Ethylene	--	--	--	13	--	--	--	0	--	--	13	0
Propylene	--	--	--	6,383	--	594	--	-179	--	--	7,156	587
Normal Butylene	--	--	--	-422	--	--	--	-75	--	--	-347	372
Isobutylene	--	--	--	-57	--	--	--	5	--	--	-62	20
Other Liquids	--	-6,529	3,112	--	13,482	-60,672	-3,576	-4,038	-57,818	6,133	1,540	129,991
Hydrogen/Biofuels/Other Hydrocarbons	--	--	3,112	--	71	4,199	3,438	-524	8,844	950	1,549	5,266
Hydrogen	--	--	--	--	--	--	3,984	--	3,984	--	0	--
Biofuels (including Fuel Ethanol)	--	--	3,112	--	71	4,199	-546	-524	4,860	950	1,549	5,266
Fuel Ethanol	--	--	740	--	--	4,836	-546	-175	4,577	628	0	4,009
Biofuels (excluding Fuel Ethanol) ⁷	--	--	2,372	--	71	-637	--	-349	283	323	1,549	1,257
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-6,529	--	--	11,456	707	--	-831	3,045	3,420	0	47,151
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,955	-65,578	-7,013	-2,670	-69,729	1,763	0	77,541
Reformulated	--	--	--	--	417	-15,250	592	-2,657	-11,585	1	0	10,773
Conventional	--	--	--	--	1,538	-50,328	-7,606	-13	-58,144	1,761	0	66,768
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-13	22	--	-9	33
Finished Petroleum Products	--	--	6	232,866	6,069	-45,134	7,560	-1,804	--	92,660	110,510	100,659
Finished Motor Gasoline	--	--	0	68,011	--	-2,725	7,560	292	--	28,091	44,463	6,965
Reformulated	--	--	--	14,265	--	--	645	--	--	--	14,910	--
Conventional	--	--	0	53,746	--	-2,725	6,915	292	--	28,091	29,553	6,965
Finished Aviation Gasoline	--	--	--	326	--	-91	--	-135	--	--	370	455
Kerosene-Type Jet Fuel	--	--	--	26,147	--	-17,030	--	-530	--	5,579	4,068	11,890
Kerosene	--	--	--	289	--	--	--	-32	--	254	67	501
Distillate Fuel Oil	--	--	6	94,106	--	-26,357	--	-330	--	39,501	28,584	42,019
15 ppm sulfur and under	--	--	6	88,122	--	-25,480	--	-589	--	33,980	29,257	35,478
Greater than 15 to 500 ppm sulfur	--	--	0	2,469	--	-76	--	-152	--	3,387	-842	1,234
Greater than 500 ppm sulfur	--	--	--	3,515	--	-801	--	411	--	2,133	170	5,307
Residual Fuel Oil	--	--	--	3,475	3,062	781	--	-72	--	2,573	4,817	17,883
Less than 0.31 percent sulfur	--	--	--	1,107	--	12	--	327	--	NA	NA	1,136
0.31 to 1.00 percent sulfur	--	--	--	1,446	--	304	--	-77	--	NA	NA	5,102
Greater than 1.00 percent sulfur	--	--	--	922	3,062	465	--	-322	--	NA	NA	11,645
Petrochemical Feedstocks	--	--	--	5,748	211	71	--	-88	--	819	5,299	2,032
Naphtha for Petro. Feed. Use	--	--	--	2,827	178	48	--	66	--	--	2,987	1,522
Other Oils for Petro. Feed. Use	--	--	--	2,921	33	23	--	-154	--	819	2,312	510
Special Naphthas	--	--	--	955	1,064	63	--	-62	--	--	2,144	788
Lubricants	--	--	--	3,315	1,354	-638	--	-404	--	1,609	2,826	8,158
Waxes	--	--	--	170	21	--	--	1	--	24	166	270
Petroleum Coke	--	--	--	14,388	357	1,097	--	-497	--	13,651	2,688	3,486
Marketable	--	--	--	11,145	357	1,097	--	-497	--	13,651	-555	3,486
Catalyst	--	--	--	3,243	--	--	--	--	--	--	3,243	--
Asphalt and Road Oil	--	--	--	2,831	--	-305	--	20	--	514	1,992	5,611
Still Gas	--	--	--	11,407	--	--	--	--	--	--	11,407	--
Miscellaneous Products	--	--	--	1,698	--	--	--	33	--	46	1,619	601
Total	382,033	0	3,103	248,296	57,024	-45,157	19,545	-11,660	229,477	263,316	183,711	1,061,396

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	266,438	12,778	--	--	35,132	32,417	2,608	-23,282	264,249	108,407	0	656,779
Hydrocarbon Gas Liquids	112,442	-7,358	-15	12,280	30	28,017	--	7,370	12,018	53,482	72,525	158,055
Natural Gas Liquids	112,442	-7,358	-15	6,750	30	27,516	--	7,048	12,018	53,482	66,816	156,754
Ethane	46,873	--	--	166	--	15,320	--	2,016	--	7,836	52,507	44,096
Propane	34,792	--	--	4,734	--	7,520	--	4,785	--	33,689	8,572	45,163
Normal Butane	8,917	--	--	2,112	30	3,520	--	-1,513	3,497	11,703	892	43,212
Isobutane	9,121	--	--	-262	--	773	--	169	4,441	177	4,845	7,937
Natural Gasoline	12,739	-7,358	-15	--	--	383	--	1,591	4,080	77	0	16,346
Refinery Olefins	--	--	--	5,530	--	501	--	322	--	--	5,709	1,301
Ethylene	--	--	--	9	--	--	--	0	--	--	9	0
Propylene	--	--	--	6,000	--	501	--	54	--	--	6,447	641
Normal Butylene	--	--	--	-479	--	--	--	288	--	--	-767	660
Isobutylene	--	--	--	--	--	--	--	-20	--	--	20	0
Other Liquids	--	-5,420	3,373	--	13,143	-56,830	-7,355	-7,655	-55,542	7,933	2,175	122,337
Hydrogen/Biofuels/Other Hydrocarbons	--	--	3,373	--	142	4,447	3,707	-460	8,760	1,173	2,196	4,807
Hydrogen	--	--	--	--	--	--	3,995	--	3,995	--	0	--
Biofuels (including Fuel Ethanol)	--	--	3,373	--	142	4,447	-288	-460	4,765	1,173	2,196	4,807
Fuel Ethanol	--	--	661	--	--	4,699	-288	-433	4,515	990	0	3,576
Biofuels (excluding Fuel Ethanol) ⁷	--	--	2,712	--	142	-252	--	-27	250	183	2,196	1,231
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5,420	--	--	11,617	679	--	-3,176	5,162	4,890	0	43,975
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,384	-61,956	-11,062	-4,023	-69,481	1,870	0	73,518
Reformulated	--	--	--	--	--	-10,272	4,570	-1,211	-4,492	1	0	9,562
Conventional	--	--	--	--	1,384	-51,684	-15,632	-2,812	-64,989	1,869	0	63,956
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	4	17	--	-21	37
Finished Petroleum Products	--	--	10	227,330	6,308	-44,423	11,350	456	--	90,792	109,328	101,115
Finished Motor Gasoline	--	--	0	66,753	--	-2,809	11,350	-245	--	29,787	45,752	6,720
Reformulated	--	--	--	14,266	--	--	-3,226	--	--	--	11,040	--
Conventional	--	--	0	52,487	--	-2,809	14,577	-245	--	29,787	34,712	6,720
Finished Aviation Gasoline	--	--	--	313	--	-161	--	41	--	--	111	496
Kerosene-Type Jet Fuel	--	--	--	23,892	--	-14,694	--	-154	--	6,018	3,334	11,736
Kerosene	--	--	--	150	--	--	--	-143	--	364	-71	358
Distillate Fuel Oil	--	--	10	93,198	--	-27,597	--	893	--	36,661	28,057	42,912
15 ppm sulfur and under	--	--	10	86,992	--	-26,701	--	216	--	32,997	27,088	35,694
Greater than 15 to 500 ppm sulfur	--	--	0	2,093	--	-92	--	-6	--	1,184	823	1,228
Greater than 500 ppm sulfur	--	--	--	4,113	--	-804	--	683	--	2,481	145	5,990
Residual Fuel Oil	--	--	--	3,622	3,865	835	--	-599	--	1,419	7,502	17,284
Less than 0.31 percent sulfur	--	--	--	1,031	--	95	--	-520	--	NA	NA	616
0.31 to 1.00 percent sulfur	--	--	--	1,488	--	206	--	-382	--	NA	NA	4,720
Greater than 1.00 percent sulfur	--	--	--	1,103	3,865	534	--	303	--	NA	NA	11,948
Petrochemical Feedstocks	--	--	--	5,680	342	19	--	-21	--	1,323	4,739	2,011
Naphtha for Petro. Feed. Use	--	--	--	2,837	308	-6	--	-114	--	--	3,253	1,408
Other Oils for Petro. Feed. Use	--	--	--	2,843	34	25	--	93	--	1,323	1,486	603
Special Naphthas	--	--	--	873	647	30	--	42	--	--	1,508	830
Lubricants	--	--	--	3,774	1,169	-572	--	902	--	1,732	1,737	9,060
Waxes	--	--	--	135	54	--	--	12	--	22	155	282
Petroleum Coke	--	--	--	14,052	231	629	--	-122	--	13,154	1,880	3,364
Marketable	--	--	--	10,932	231	629	--	-122	--	13,154	-1,240	3,364
Catalyst	--	--	--	3,120	--	--	--	--	--	--	3,120	--
Asphalt and Road Oil	--	--	--	2,253	--	-95	--	-133	--	274	2,017	5,478
Still Gas	--	--	--	10,977	--	--	--	--	--	--	10,977	--
Miscellaneous Products	--	--	--	1,658	--	-8	--	-17	--	39	1,628	584
Total	378,880	0	3,368	239,610	54,613	-40,819	6,603	-23,110	220,725	260,614	184,027	1,038,286

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	276,366	14,894	--	--	35,278	31,973	11,051	-13,744	261,787	121,520	0	643,035
Hydrocarbon Gas Liquids	117,851	-9,792	-14	10,067	26	26,366	--	-1,431	12,287	61,502	72,147	156,624
Natural Gas Liquids	117,851	-9,792	-14	4,921	--	25,999	--	-1,433	12,287	61,502	66,610	155,321
Ethane	51,429	--	--	158	--	15,266	--	43	--	9,303	57,507	44,139
Propane	35,380	--	--	4,637	--	6,595	--	2,567	--	40,012	4,033	47,730
Normal Butane	8,974	--	--	380	--	3,054	--	-4,680	4,685	11,971	433	38,532
Isobutane	9,601	--	--	-254	--	699	--	951	4,277	180	4,638	8,888
Natural Gasoline	12,467	-9,792	-14	--	--	385	--	-314	3,325	36	0	16,032
Refinery Olefins	--	--	--	5,146	26	367	--	2	--	--	5,537	1,303
Ethylene	--	--	--	5	--	--	--	0	--	--	5	0
Propylene	--	--	--	5,462	--	367	--	-180	--	--	6,009	461
Normal Butylene	--	--	--	-321	26	--	--	182	--	--	-477	842
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-5,102	3,590	--	15,345	-58,705	-1,229	2,081	-56,939	6,644	2,112	124,418
Hydrogen/Biofuels/Other Hydrocarbons	--	--	3,590	--	114	4,515	3,852	-71	8,892	1,127	2,123	4,736
Hydrogen	--	--	--	--	--	--	3,968	--	3,968	--	0	--
Biofuels (including Fuel Ethanol)	--	--	3,590	--	114	4,515	-116	-71	4,924	1,127	2,123	4,736
Fuel Ethanol	--	--	683	--	--	4,907	-116	-35	4,632	877	0	3,541
Biofuels (excluding Fuel Ethanol) ⁷	--	--	2,908	--	114	-392	--	-36	292	250	2,123	1,194
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5,102	--	--	13,872	1,019	--	2,107	3,474	4,208	0	46,082
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1,359	-64,239	-5,082	54	-69,325	1,309	0	73,572
Reformulated	--	--	--	--	--	-9,585	4,345	366	-5,607	1	0	9,928
Conventional	--	--	--	--	1,359	-54,654	-9,427	-312	-63,718	1,308	0	63,644
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-9	20	--	-11	28
Finished Petroleum Products	--	--	8	223,669	5,789	-49,943	5,197	732	--	78,598	105,390	101,847
Finished Motor Gasoline	--	--	0	66,984	--	-3,643	5,197	-258	--	25,472	43,325	6,462
Reformulated	--	--	--	14,551	--	--	-2,638	--	--	--	11,913	--
Conventional	--	--	0	52,433	--	-3,643	7,836	-258	--	25,472	31,412	6,462
Finished Aviation Gasoline	--	--	--	293	--	-162	--	5	--	--	126	501
Kerosene-Type Jet Fuel	--	--	--	23,637	--	-15,600	--	-455	--	3,830	4,662	11,281
Kerosene	--	--	--	252	--	-37	--	98	--	264	-147	456
Distillate Fuel Oil	--	--	8	91,589	--	-31,004	--	-452	--	29,513	31,532	42,460
15 ppm sulfur and under	--	--	8	86,373	--	-30,083	--	-127	--	24,725	31,700	35,567
Greater than 15 to 500 ppm sulfur	--	--	0	1,956	--	-26	--	-67	--	2,195	-198	1,161
Greater than 500 ppm sulfur	--	--	--	3,260	--	-895	--	-258	--	2,594	30	5,732
Residual Fuel Oil	--	--	--	2,458	2,998	812	--	1,588	--	2,518	2,162	18,872
Less than 0.31 percent sulfur	--	--	--	1,085	--	179	--	387	--	NA	NA	1,003
0.31 to 1.00 percent sulfur	--	--	--	1,390	--	106	--	-195	--	NA	NA	4,525
Greater than 1.00 percent sulfur	--	--	--	-17	2,998	527	--	1,396	--	NA	NA	13,344
Petrochemical Feedstocks	--	--	--	5,520	188	113	--	-160	--	322	5,659	1,851
Naphtha for Petro. Feed. Use	--	--	--	2,842	161	113	--	-63	--	--	3,179	1,345
Other Oils for Petro. Feed. Use	--	--	--	2,678	27	--	--	-97	--	322	2,480	506
Special Naphthas	--	--	--	901	452	-15	--	-26	--	--	1,364	804
Lubricants	--	--	--	3,318	1,776	-550	--	-71	--	1,909	2,706	8,989
Waxes	--	--	--	129	20	--	--	32	--	17	100	314
Petroleum Coke	--	--	--	13,505	355	315	--	-73	--	14,604	-356	3,291
Marketable	--	--	--	10,602	355	315	--	-73	--	14,604	-3,259	3,291
Catalyst	--	--	--	2,903	--	--	--	--	--	--	2,903	--
Asphalt and Road Oil	--	--	--	2,665	--	-166	--	426	--	118	1,955	5,904
Still Gas	--	--	--	10,784	--	--	--	--	--	--	10,784	--
Miscellaneous Products	--	--	--	1,634	--	-6	--	78	--	30	1,520	662
Total	394,217	0	3,584	233,736	56,438	-50,310	15,019	-12,362	217,135	268,263	179,650	1,025,923

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	267,057	9,097	--	--	30,404	37,662	17,202	-25,788	266,602	120,608	0	617,247
Hydrocarbon Gas Liquids	110,910	-4,307	-16	9,360	--	23,574	--	-4,152	14,235	55,820	73,617	152,471
Natural Gas Liquids	110,910	-4,307	-16	4,077	--	23,245	--	-4,052	14,235	55,820	67,906	151,268
Ethane	49,500	--	--	174	--	16,337	--	3,557	--	8,483	53,971	47,696
Propane	33,077	--	--	4,722	--	7,104	--	294	--	35,612	8,997	48,024
Normal Butane	7,980	--	--	-478	--	3,037	--	-6,828	5,942	11,548	-123	31,704
Isobutane	9,266	--	--	-341	--	346	--	-119	4,225	104	5,061	8,769
Natural Gasoline	11,087	-4,307	-16	--	--	-3,579	--	-956	4,068	73	0	15,075
Refinery Olefins	--	--	--	5,283	--	329	--	-100	--	--	5,712	1,203
Ethylene	--	--	--	4	--	--	--	0	--	--	4	0
Propylene	--	--	--	5,518	--	329	--	139	--	--	5,708	600
Normal Butylene	--	--	--	-239	--	--	--	-239	--	--	0	603
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-4,790	3,868	--	13,546	-55,764	-2,742	4,788	-59,635	6,834	2,131	129,206
Hydrogen/Biofuels/Other Hydrocarbons	--	--	3,868	--	181	4,577	3,994	1,134	8,647	687	2,151	5,870
Hydrogen	--	--	--	--	--	--	4,043	--	4,043	--	0	--
Biofuels (including Fuel Ethanol)	--	--	3,868	--	181	4,577	-49	1,134	4,604	687	2,151	5,870
Fuel Ethanol	--	--	741	--	--	4,864	-49	533	4,408	615	0	4,075
Biofuels (excluding Fuel Ethanol) ⁷	--	--	3,127	--	181	-287	--	601	196	72	2,151	1,795
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4,790	--	--	13,127	983	--	-122	4,960	4,482	0	45,960
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	238	-61,324	-6,736	3,765	-73,251	1,664	0	77,337
Reformulated	--	--	--	--	--	-8,911	3,988	88	-5,013	2	0	10,016
Conventional	--	--	--	--	238	-52,413	-10,723	3,677	-68,238	1,663	0	67,321
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	11	9	--	-20	39
Finished Petroleum Products	--	--	1	229,004	4,548	-46,910	6,785	4,389	--	83,920	105,118	106,236
Finished Motor Gasoline	--	--	0	68,129	--	-1,672	6,785	1,029	--	28,564	43,649	7,491
Reformulated	--	--	--	13,704	--	--	-3,094	--	--	--	10,610	--
Conventional	--	--	0	54,425	--	-1,672	9,879	1,029	--	28,564	33,039	7,491
Finished Aviation Gasoline	--	--	--	289	18	-93	--	-51	--	--	265	450
Kerosene-Type Jet Fuel	--	--	--	25,357	1	-16,180	--	531	--	4,232	4,415	11,812
Kerosene	--	--	--	403	--	-37	--	135	--	39	192	591
Distillate Fuel Oil	--	--	1	93,602	--	-30,293	--	3,353	--	32,701	27,256	45,813
15 ppm sulfur and under	--	--	1	87,654	--	-29,465	--	3,219	--	27,059	27,911	38,786
Greater than 15 to 500 ppm sulfur	--	--	0	2,673	--	-105	--	199	--	2,751	-382	1,360
Greater than 500 ppm sulfur	--	--	--	3,275	--	-723	--	-65	--	2,891	-274	5,667
Residual Fuel Oil	--	--	--	1,933	3,670	1,179	--	-893	--	2,704	4,971	17,979
Less than 0.31 percent sulfur	--	--	--	1,052	--	236	--	34	--	NA	NA	1,037
0.31 to 1.00 percent sulfur	--	--	--	1,445	--	234	--	-115	--	NA	NA	4,410
Greater than 1.00 percent sulfur	--	--	--	-564	3,670	709	--	-812	--	NA	NA	12,532
Petrochemical Feedstocks	--	--	--	5,911	67	129	--	202	--	1,400	4,505	2,053
Naphtha for Petro. Feed. Use	--	--	--	3,546	36	109	--	91	--	--	3,600	1,436
Other Oils for Petro. Feed. Use	--	--	--	2,365	31	20	--	111	--	1,400	905	617
Special Naphthas	--	--	--	897	124	-33	--	18	--	--	970	822
Lubricants	--	--	--	3,615	626	-485	--	-2	--	1,655	2,103	8,987
Waxes	--	--	--	122	42	--	--	25	--	17	122	339
Petroleum Coke	--	--	--	14,302	--	765	--	123	--	12,287	2,657	3,414
Marketable	--	--	--	11,405	--	765	--	123	--	12,287	-240	3,414
Catalyst	--	--	--	2,897	--	--	--	--	--	--	2,897	--
Asphalt and Road Oil	--	--	--	1,880	--	-184	--	-112	--	282	1,526	5,792
Still Gas	--	--	--	10,892	--	--	--	--	--	--	10,892	--
Miscellaneous Products	--	--	--	1,672	--	-6	--	31	--	40	1,595	693
Total	377,967	0	3,852	238,364	48,498	-41,438	21,245	-20,763	221,202	267,182	180,867	1,005,160

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	276,048	5,419	--	--	34,367	30,319	16,097	-2,156	252,026	112,379	0	615,091
Hydrocarbon Gas Liquids	108,533	-2,944	-15	9,711	--	17,095	--	-13,438	14,370	63,246	68,203	139,033
Natural Gas Liquids	108,533	-2,944	-15	4,507	--	16,563	--	-13,477	14,370	63,246	62,505	137,791
Ethane	46,887	--	--	170	--	13,317	--	-2,241	--	10,017	52,598	45,455
Propane	33,337	--	--	4,632	--	5,151	--	-5,211	--	41,415	6,917	42,813
Normal Butane	8,006	--	--	-154	--	2,632	--	-4,998	5,913	11,594	-2,025	26,706
Isobutane	9,335	--	--	-141	--	588	--	542	4,047	177	5,015	9,311
Natural Gasoline	10,968	-2,944	-15	--	--	-5,125	--	-1,569	4,410	43	0	13,506
Refinery Olefins	--	--	--	5,204	--	532	--	39	--	--	5,697	1,242
Ethylene	--	--	--	8	--	--	--	0	--	--	8	0
Propylene	--	--	--	5,600	--	532	--	205	--	--	5,927	805
Normal Butylene	--	--	--	-404	--	--	--	-166	--	--	-238	437
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-2,475	3,763	--	11,655	-55,798	-2,749	-1,842	-55,612	9,129	2,722	127,364
Hydrogen/Biofuels/Other Hydrocarbons	--	--	3,763	--	225	3,967	4,302	175	8,643	710	2,730	6,045
Hydrogen	--	--	--	--	--	--	3,788	--	3,788	--	0	--
Biofuels (including Fuel Ethanol)	--	--	3,763	--	225	3,967	514	175	4,855	710	2,730	6,045
Fuel Ethanol	--	--	719	--	--	4,206	514	395	4,498	545	0	4,470
Biofuels (excluding Fuel Ethanol) ⁷	--	--	3,044	--	225	-238	--	-220	357	164	2,730	1,575
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-2,475	--	--	11,303	1,044	--	1,684	3,584	4,604	0	47,644
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	127	-60,809	-7,051	-3,695	-67,853	3,815	0	73,642
Reformulated	--	--	--	--	--	-8,961	6,192	-1,030	-1,741	2	0	8,986
Conventional	--	--	--	--	127	-51,848	-13,243	-2,665	-66,112	3,813	0	64,656
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	-6	14	--	-8	33
Finished Petroleum Products	--	--	2	219,049	5,727	-47,087	6,537	-8,275	--	88,224	104,279	97,961
Finished Motor Gasoline	--	--	0	67,465	--	-2,032	6,537	277	--	26,836	44,857	7,768
Reformulated	--	--	--	14,186	--	--	-4,960	--	--	--	9,226	--
Conventional	--	--	0	53,279	--	-2,032	11,497	277	--	26,836	35,631	7,768
Finished Aviation Gasoline	--	--	--	328	--	-50	--	101	--	--	177	551
Kerosene-Type Jet Fuel	--	--	--	24,272	123	-17,306	--	-2,217	--	4,130	5,176	9,595
Kerosene	--	--	--	556	--	-37	--	-182	--	484	217	409
Distillate Fuel Oil	--	--	2	86,433	57	-29,171	--	-7,259	--	37,969	26,610	38,554
15 ppm sulfur and under	--	--	2	80,509	57	-28,127	--	-6,079	--	32,261	26,258	32,707
Greater than 15 to 500 ppm sulfur	--	--	0	2,880	--	-148	--	-229	--	2,829	132	1,131
Greater than 500 ppm sulfur	--	--	--	3,044	--	-896	--	-951	--	2,879	220	4,716
Residual Fuel Oil	--	--	--	3,489	3,622	1,185	--	661	--	3,361	4,274	18,640
Less than 0.31 percent sulfur	--	--	--	1,004	--	130	--	504	--	NA	NA	1,541
0.31 to 1.00 percent sulfur	--	--	--	1,208	--	167	--	-183	--	NA	NA	4,227
Greater than 1.00 percent sulfur	--	--	--	1,277	3,622	888	--	340	--	NA	NA	12,872
Petrochemical Feedstocks	--	--	--	5,031	85	130	--	-193	--	562	4,877	1,860
Naphtha for Petro. Feed. Use	--	--	--	2,986	24	57	--	-46	--	--	3,113	1,390
Other Oils for Petro. Feed. Use	--	--	--	2,045	61	73	--	-147	--	562	1,764	470
Special Naphthas	--	--	--	656	312	--	--	-56	--	--	1,024	766
Lubricants	--	--	--	3,838	1,228	-646	--	1,071	--	1,295	2,054	10,058
Waxes	--	--	--	91	44	--	--	-6	--	17	124	333
Petroleum Coke	--	--	--	13,385	256	765	--	-520	--	13,025	1,901	2,894
Marketable	--	--	--	10,520	256	765	--	-520	--	13,025	-964	2,894
Catalyst	--	--	--	2,865	--	--	--	--	--	--	2,865	--
Asphalt and Road Oil	--	--	--	1,551	--	91	--	138	--	517	987	5,930
Still Gas	--	--	--	10,426	--	--	--	--	--	--	10,426	--
Miscellaneous Products	--	--	--	1,528	--	-15	--	-90	--	27	1,576	603
Total	384,581	0	3,749	228,760	51,749	-55,470	19,885	-25,711	210,784	272,978	175,204	979,449

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.
² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.
³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.
⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.
⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.
⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,144	175	--	--	1,317	1,360	182	-300	8,217	3,261	0
Hydrocarbon Gas Liquids	3,283	-94	0	323	--	738	--	-625	422	1,783	2,670
Natural Gas Liquids	3,283	-94	0	123	--	718	--	-619	422	1,783	2,444
Ethane	1,468	--	--	9	--	515	--	-254	--	228	2,018
Propane	995	--	--	146	--	203	--	-218	--	1,279	282
Normal Butane	245	--	--	-29	--	69	--	-125	178	262	-30
Isobutane	269	--	--	-3	--	11	--	-14	113	4	173
Natural Gasoline	306	-94	0	--	--	-79	--	-8	131	10	0
Refinery Olefins	--	--	--	200	--	19	--	-7	--	--	226
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	211	--	19	--	-4	--	--	234
Normal Butylene	--	--	--	-11	--	--	--	-3	--	--	-8
Isobutylene	--	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	-81	92	--	373	-1,777	133	278	-2,022	429	57
Hydrogen/Biofuels/Other Hydrocarbons	--	--	92	--	0	177	137	19	273	58	57
Hydrogen	--	--	--	--	--	--	124	--	124	--	0
Biofuels (including Fuel Ethanol)	--	--	92	--	0	177	13	19	149	58	57
Fuel Ethanol	--	--	23	--	--	168	13	16	134	54	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	69	--	0	9	--	3	15	4	57
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-81	--	--	358	33	--	117	-96	289	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	15	-1,987	-4	141	-2,199	82	0
Reformulated	--	--	--	--	--	-277	180	55	-152	0	0
Conventional	--	--	--	--	15	-1,710	-184	87	-2,047	82	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	0	6,812	155	-1,502	-9	81	--	2,262	3,112
Finished Motor Gasoline	--	--	0	2,083	--	-98	-9	8	--	699	1,268
Reformulated	--	--	--	410	--	--	-197	--	--	--	213
Conventional	--	--	0	1,673	--	-98	188	8	--	699	1,055
Finished Aviation Gasoline	--	--	--	8	3	-2	--	5	--	--	4
Kerosene-Type Jet Fuel	--	--	--	757	--	-452	--	21	--	123	161
Kerosene	--	--	--	0	--	-3	--	-1	--	1	-2
Distillate Fuel Oil	--	--	0	2,663	--	-1,008	--	19	--	869	766
15 ppm sulfur and under	--	--	0	2,483	--	-971	--	-3	--	746	769
Greater than 15 to 500 ppm sulfur	--	--	0	48	--	-4	--	8	--	66	-31
Greater than 500 ppm sulfur	--	--	--	131	--	-33	--	14	--	56	28
Residual Fuel Oil	--	--	--	69	110	30	--	27	--	54	128
Less than 0.31 percent sulfur	--	--	--	29	--	--	--	4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	29	21	16	--	4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	10	89	14	--	20	--	NA	NA
Petrochemical Feedstocks	--	--	--	205	8	2	--	0	--	60	155
Naphtha for Petro. Feed. Use	--	--	--	130	7	1	--	-3	--	--	141
Other Oils for Petro. Feed. Use	--	--	--	75	1	1	--	4	--	60	13
Special Naphthas	--	--	--	45	2	-1	--	12	--	--	34
Lubricants	--	--	--	107	23	-24	--	-30	--	61	75
Waxes	--	--	--	4	3	--	--	0	--	1	6
Petroleum Coke	--	--	--	415	6	54	--	15	--	379	81
Marketable	--	--	--	321	6	54	--	15	--	379	-13
Catalyst	--	--	--	94	--	--	--	--	--	--	94
Asphalt and Road Oil	--	--	--	71	--	0	--	-2	--	17	57
Still Gas	--	--	--	329	--	--	--	--	--	--	329
Miscellaneous Products	--	--	--	56	--	0	--	7	--	0	49
Total	11,427	0	92	7,135	1,845	-1,181	306	-567	6,617	7,735	5,838

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	7,890	388	--	--	1,212	1,257	319	-219	8,170	3,116	0
Hydrocarbon Gas Liquids	3,286	-143	0	350	--	707	--	-421	389	1,723	2,508
Natural Gas Liquids	3,286	-143	0	136	--	688	--	-426	389	1,723	2,280
Ethane	1,461	--	--	6	--	496	--	-194	--	223	1,935
Propane	1,003	--	--	147	--	205	--	-107	--	1,205	257
Normal Butane	253	--	--	-12	--	86	--	-47	149	271	-47
Isobutane	264	--	--	-5	--	3	--	-5	122	10	135
Natural Gasoline	306	-143	0	--	--	-103	--	-73	118	14	0
Refinery Olefins	--	--	--	214	--	19	--	5	--	--	227
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	213	--	19	--	4	--	--	228
Normal Butylene	--	--	--	1	--	--	--	2	--	--	0
Isobutylene	--	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	-245	90	--	528	-1,676	49	232	-1,951	415	50
Hydrogen/Biofuels/Other Hydrocarbons	--	--	90	--	--	246	74	9	268	83	50
Hydrogen	--	--	--	--	--	--	116	--	116	--	0
Biofuels (including Fuel Ethanol)	--	--	90	--	--	246	-42	9	152	83	50
Fuel Ethanol	--	--	21	--	--	246	-42	2	141	82	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	69	--	--	0	--	7	10	1	50
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-245	--	--	452	27	--	128	-173	279	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	76	-1,949	-25	95	-2,045	52	0
Reformulated	--	--	--	--	--	-293	139	-7	-147	0	0
Conventional	--	--	--	--	76	-1,656	-164	101	-1,898	52	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	0	6,743	213	-1,571	67	-21	--	2,343	3,131
Finished Motor Gasoline	--	--	0	2,088	--	-90	67	5	--	720	1,341
Reformulated	--	--	--	420	--	--	-143	--	--	--	277
Conventional	--	--	0	1,668	--	-90	210	5	--	720	1,064
Finished Aviation Gasoline	--	--	--	5	--	-5	--	-4	--	--	4
Kerosene-Type Jet Fuel	--	--	--	761	--	-497	--	10	--	134	119
Kerosene	--	--	--	1	--	-3	--	2	--	14	-18
Distillate Fuel Oil	--	--	0	2,648	5	-1,002	--	-17	--	803	866
15 ppm sulfur and under	--	--	0	2,469	5	-963	--	-8	--	615	905
Greater than 15 to 500 ppm sulfur	--	--	0	36	--	-2	--	-12	--	66	-20
Greater than 500 ppm sulfur	--	--	--	143	--	-37	--	3	--	122	-19
Residual Fuel Oil	--	--	--	61	142	17	--	16	--	95	109
Less than 0.31 percent sulfur	--	--	--	31	--	--	--	-11	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	26	11	10	--	8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	3	131	7	--	18	--	NA	NA
Petrochemical Feedstocks	--	--	--	156	7	3	--	1	--	35	131
Naphtha for Petro. Feed. Use	--	--	--	114	6	3	--	6	--	--	116
Other Oils for Petro. Feed. Use	--	--	--	42	2	0	--	-6	--	35	14
Special Naphthas	--	--	--	30	3	-1	--	-13	--	--	45
Lubricants	--	--	--	129	36	-23	--	10	--	73	58
Waxes	--	--	--	5	0	--	--	0	--	1	5
Petroleum Coke	--	--	--	415	19	28	--	-18	--	458	22
Marketable	--	--	--	316	19	28	--	-18	--	458	-77
Catalyst	--	--	--	99	--	--	--	--	--	--	99
Asphalt and Road Oil	--	--	--	70	1	3	--	-2	--	11	65
Still Gas	--	--	--	326	--	--	--	--	--	--	326
Miscellaneous Products	--	--	--	49	--	0	--	-11	--	1	59
Total	11,177	0	90	7,093	1,953	-1,283	435	-429	6,608	7,596	5,688

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,365	219	--	--	1,293	1,102	400	-312	8,641	3,050	0
Hydrocarbon Gas Liquids	3,536	-86	0	441	--	938	--	68	360	1,847	2,554
Natural Gas Liquids	3,536	-86	0	236	--	922	--	73	360	1,847	2,327
Ethane	1,608	--	--	5	--	574	--	-13	--	296	1,903
Propane	1,053	--	--	148	--	283	--	9	--	1,219	256
Normal Butane	255	--	--	89	--	127	--	42	92	325	12
Isobutane	289	--	--	-6	--	17	--	2	138	5	156
Natural Gasoline	331	-86	0	--	--	-80	--	32	130	2	0
Refinery Olefins	--	--	--	205	--	17	--	-5	--	--	227
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	223	--	17	--	-3	--	--	242
Normal Butylene	--	--	--	-17	--	--	--	-2	--	--	-15
Isobutylene	--	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	-133	89	--	492	-1,804	-19	-56	-1,816	451	46
Hydrogen/Biofuels/Other Hydrocarbons	--	--	89	--	3	150	167	16	291	56	46
Hydrogen	--	--	--	--	--	--	125	--	125	--	0
Biofuels (including Fuel Ethanol)	--	--	89	--	3	150	42	16	166	56	46
Fuel Ethanol	--	--	21	--	--	157	42	15	149	56	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	68	--	3	-6	--	1	17	0	46
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-133	--	--	467	27	--	-6	43	325	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	23	-1,982	-186	-65	-2,150	70	0
Reformulated	--	--	--	--	--	-308	101	48	-255	0	0
Conventional	--	--	--	--	23	-1,674	-287	-114	-1,895	70	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	1	--	0
Finished Petroleum Products	--	--	0	7,292	201	-1,434	144	39	--	2,555	3,608
Finished Motor Gasoline	--	--	0	2,193	--	-91	144	-6	--	694	1,557
Reformulated	--	--	--	449	--	--	-79	--	--	--	370
Conventional	--	--	0	1,744	--	-91	223	-6	--	694	1,187
Finished Aviation Gasoline	--	--	--	11	--	-1	--	1	--	--	9
Kerosene-Type Jet Fuel	--	--	--	755	--	-470	--	-5	--	153	137
Kerosene	--	--	--	0	--	-1	--	1	--	6	-9
Distillate Fuel Oil	--	--	0	2,950	4	-905	--	38	--	1,040	970
15 ppm sulfur and under	--	--	0	2,750	--	-875	--	18	--	899	958
Greater than 15 to 500 ppm sulfur	--	--	0	99	--	-3	--	12	--	76	7
Greater than 500 ppm sulfur	--	--	--	101	4	-27	--	8	--	65	4
Residual Fuel Oil	--	--	--	106	136	28	--	40	--	91	138
Less than 0.31 percent sulfur	--	--	--	29	--	2	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	41	--	15	--	21	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	36	136	11	--	18	--	NA	NA
Petrochemical Feedstocks	--	--	--	194	8	1	--	-5	--	42	167
Naphtha for Petro. Feed. Use	--	--	--	119	7	1	--	-9	--	--	135
Other Oils for Petro. Feed. Use	--	--	--	76	1	1	--	4	--	42	32
Special Naphthas	--	--	--	35	18	-1	--	0	--	--	52
Lubricants	--	--	--	138	32	-18	--	-23	--	76	99
Waxes	--	--	--	5	--	--	--	-1	--	1	5
Petroleum Coke	--	--	--	433	3	32	--	-23	--	441	50
Marketable	--	--	--	332	3	32	--	-23	--	441	-51
Catalyst	--	--	--	101	--	--	--	--	--	--	101
Asphalt and Road Oil	--	--	--	85	--	-7	--	20	--	8	49
Still Gas	--	--	--	337	--	--	--	--	--	--	337
Miscellaneous Products	--	--	--	50	--	0	--	1	--	2	47
Total	11,901	0	89	7,733	1,986	-1,198	525	-260	7,185	7,903	6,209

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

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Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,536	250	--	--	1,235	1,026	552	-442	8,653	3,388	0
Hydrocarbon Gas Liquids	3,613	-113	0	532	1	975	--	396	302	1,774	2,536
Natural Gas Liquids	3,613	-113	0	303	1	959	--	396	302	1,774	2,292
Ethane	1,623	--	--	5	--	606	--	80	--	191	1,964
Propane	1,078	--	--	166	1	304	--	145	--	1,198	204
Normal Butane	263	--	--	139	--	130	--	131	57	378	-33
Isobutane	299	--	--	-7	--	21	--	10	143	4	157
Natural Gasoline	350	-113	0	--	--	-102	--	29	103	3	0
Refinery Olefins	--	--	--	228	1	16	--	0	--	--	245
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	226	--	16	--	-3	--	--	245
Normal Butylene	--	--	--	3	1	--	--	3	--	--	1
Isobutylene	--	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	-138	103	--	663	-1,799	-11	4	-1,648	415	46
Hydrogen/Biofuels/Other Hydrocarbons	--	--	103	--	4	165	169	-32	302	124	46
Hydrogen	--	--	--	--	--	--	135	--	135	--	0
Biofuels (including Fuel Ethanol)	--	--	103	--	4	165	34	-32	168	124	46
Fuel Ethanol	--	--	24	--	--	174	34	-33	152	114	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	80	--	4	-9	--	1	16	11	46
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-138	--	--	588	-3	--	-3	204	247	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	71	-1,962	-180	39	-2,155	44	0
Reformulated	--	--	--	--	--	-362	45	-27	-290	0	0
Conventional	--	--	--	--	71	-1,600	-225	66	-1,865	44	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	0	7,382	175	-1,410	146	11	--	2,802	3,480
Finished Motor Gasoline	--	--	0	2,143	3	-68	146	6	--	780	1,438
Reformulated	--	--	--	465	--	--	-27	--	--	--	438
Conventional	--	--	0	1,678	3	-68	173	6	--	780	1,000
Finished Aviation Gasoline	--	--	--	9	--	-5	--	-2	--	--	7
Kerosene-Type Jet Fuel	--	--	--	894	--	-485	--	0	--	183	226
Kerosene	--	--	--	2	--	--	--	4	--	2	-4
Distillate Fuel Oil	--	--	0	2,900	--	-867	--	-8	--	1,204	837
15 ppm sulfur and under	--	--	0	2,705	--	-835	--	-31	--	1,029	872
Greater than 15 to 500 ppm sulfur	--	--	0	92	--	-9	--	-2	--	102	-17
Greater than 500 ppm sulfur	--	--	--	102	--	-23	--	25	--	72	-17
Residual Fuel Oil	--	--	--	65	115	22	--	5	--	96	101
Less than 0.31 percent sulfur	--	--	--	32	--	--	--	6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	47	4	13	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	-13	111	9	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	218	4	3	--	8	--	30	187
Naphtha for Petro. Feed. Use	--	--	--	121	2	3	--	5	--	--	122
Other Oils for Petro. Feed. Use	--	--	--	97	1	--	--	3	--	30	65
Special Naphthas	--	--	--	32	8	-1	--	-2	--	--	42
Lubricants	--	--	--	143	34	-26	--	-7	--	78	80
Waxes	--	--	--	5	2	--	--	1	--	1	5
Petroleum Coke	--	--	--	472	8	17	--	-3	--	413	87
Marketable	--	--	--	363	8	17	--	-3	--	413	-21
Catalyst	--	--	--	108	--	--	--	--	--	--	108
Asphalt and Road Oil	--	--	--	84	--	-1	--	6	--	15	62
Still Gas	--	--	--	362	--	--	--	--	--	--	362
Miscellaneous Products	--	--	--	54	--	0	--	4	--	1	49
Total	12,149	0	103	7,913	2,074	-1,208	686	-31	7,307	8,379	6,063

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,358	138	--	--	1,441	1,045	314	-811	8,873	3,233	0
Hydrocarbon Gas Liquids	3,584	-12	0	532	--	862	--	415	332	1,884	2,335
Natural Gas Liquids	3,584	-12	0	314	--	845	--	413	332	1,884	2,102
Ethane	1,583	--	--	6	--	578	--	41	--	258	1,868
Propane	1,064	--	--	158	--	280	--	139	--	1,215	149
Normal Butane	273	--	--	154	--	131	--	147	45	403	-37
Isobutane	289	--	--	-4	--	4	--	19	142	5	122
Natural Gasoline	375	-12	0	--	--	-148	--	67	144	3	0
Refinery Olefins	--	--	--	218	--	17	--	2	--	--	234
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	227	--	17	--	4	--	--	241
Normal Butylene	--	--	--	-8	--	--	--	-2	--	--	-6
Isobutylene	--	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	-126	104	--	435	-1,945	6	-161	-1,769	336	67
Hydrogen/Biofuels/Other Hydrocarbons	--	--	104	--	5	143	199	11	293	79	68
Hydrogen	--	--	--	--	--	--	129	--	129	--	0
Biofuels (including Fuel Ethanol)	--	--	104	--	5	143	71	11	165	79	68
Fuel Ethanol	--	--	21	--	--	152	71	19	153	73	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	83	--	5	-9	--	-8	12	7	68
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-126	--	--	392	9	--	-16	70	222	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	38	-2,098	-193	-156	-2,132	35	0
Reformulated	--	--	--	--	--	-446	97	33	-383	0	0
Conventional	--	--	--	--	38	-1,651	-290	-189	-1,749	35	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	-1
Finished Petroleum Products	--	--	0	7,525	181	-1,451	122	105	--	2,797	3,476
Finished Motor Gasoline	--	--	0	2,222	3	-44	122	9	--	851	1,444
Reformulated	--	--	--	476	--	--	-72	--	--	--	404
Conventional	--	--	0	1,747	3	-44	194	9	--	851	1,040
Finished Aviation Gasoline	--	--	--	11	--	-1	--	4	--	--	6
Kerosene-Type Jet Fuel	--	--	--	925	--	-607	--	13	--	131	173
Kerosene	--	--	--	6	--	--	--	-3	--	5	4
Distillate Fuel Oil	--	--	0	2,915	--	-825	--	90	--	1,075	926
15 ppm sulfur and under	--	--	0	2,720	--	-785	--	80	--	908	947
Greater than 15 to 500 ppm sulfur	--	--	0	85	--	-10	--	1	--	85	-11
Greater than 500 ppm sulfur	--	--	--	110	--	-30	--	9	--	82	-11
Residual Fuel Oil	--	--	--	76	123	25	--	-18	--	104	138
Less than 0.31 percent sulfur	--	--	--	27	20	3	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	45	--	11	--	-7	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	104	11	--	-11	--	NA	NA
Petrochemical Feedstocks	--	--	--	215	5	2	--	-3	--	28	197
Naphtha for Petro. Feed. Use	--	--	--	119	5	2	--	-2	--	--	127
Other Oils for Petro. Feed. Use	--	--	--	96	1	--	--	-1	--	28	70
Special Naphthas	--	--	--	38	6	0	--	7	--	--	36
Lubricants	--	--	--	146	36	-24	--	-5	--	95	68
Waxes	--	--	--	4	0	--	--	-1	--	1	4
Petroleum Coke	--	--	--	470	8	19	--	7	--	497	-6
Marketable	--	--	--	363	8	19	--	7	--	497	-114
Catalyst	--	--	--	107	--	--	--	--	--	--	107
Asphalt and Road Oil	--	--	--	78	--	4	--	4	--	9	70
Still Gas	--	--	--	365	--	--	--	--	--	--	365
Miscellaneous Products	--	--	--	54	--	--	--	1	--	2	51
Total	11,942	0	104	8,057	2,057	-1,489	442	-452	7,437	8,250	5,879

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,423	244	--	--	1,334	776	582	-904	8,947	3,315	0
Hydrocarbon Gas Liquids	3,597	-138	0	527	0	1,033	--	106	315	1,995	2,601
Natural Gas Liquids	3,597	-138	0	323	0	1,016	--	106	315	1,995	2,381
Ethane	1,563	--	--	7	--	628	--	-107	--	333	1,972
Propane	1,071	--	--	160	--	297	--	-12	--	1,330	211
Normal Butane	284	--	--	164	--	157	--	229	24	326	27
Isobutane	283	--	--	-7	--	31	--	-14	144	5	171
Natural Gasoline	395	-138	0	--	0	-97	--	10	148	1	0
Refinery Olefins	--	--	--	204	--	17	--	1	--	--	220
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	218	--	17	--	2	--	--	232
Normal Butylene	--	--	--	-13	--	--	--	-2	--	--	-12
Isobutylene	--	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	-106	109	--	484	-1,995	45	28	-1,843	284	68
Hydrogen/Biofuels/Other Hydrocarbons	--	--	109	--	2	132	156	-8	295	43	69
Hydrogen	--	--	--	--	--	--	138	--	138	--	0
Biofuels (including Fuel Ethanol)	--	--	109	--	2	132	17	-8	157	43	69
Fuel Ethanol	--	--	26	--	--	147	17	-1	150	41	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	83	--	2	-15	--	-7	7	2	69
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-106	--	--	409	6	--	7	182	120	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	73	-2,133	-111	30	-2,320	121	0
Reformulated	--	--	--	--	--	-466	75	7	-398	0	0
Conventional	--	--	--	--	73	-1,666	-186	23	-1,922	121	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	0	7,552	245	-1,635	94	-98	--	2,900	3,454
Finished Motor Gasoline	--	--	0	2,183	--	-131	94	-24	--	861	1,308
Reformulated	--	--	--	467	--	--	-62	--	--	--	405
Conventional	--	--	0	1,717	--	-131	156	-24	--	861	904
Finished Aviation Gasoline	--	--	--	7	--	-4	--	-3	--	--	6
Kerosene-Type Jet Fuel	--	--	--	898	--	-545	--	-15	--	175	192
Kerosene	--	--	--	2	--	--	--	-1	--	7	-3
Distillate Fuel Oil	--	--	0	3,045	--	-977	--	-17	--	1,129	956
15 ppm sulfur and under	--	--	0	2,863	--	-940	--	-19	--	946	996
Greater than 15 to 500 ppm sulfur	--	--	0	96	--	-3	--	2	--	92	-1
Greater than 500 ppm sulfur	--	--	--	86	--	-34	--	0	--	92	-39
Residual Fuel Oil	--	--	--	41	180	33	--	-32	--	101	184
Less than 0.31 percent sulfur	--	--	--	23	9	2	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	44	21	15	--	-6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	-26	150	16	--	-22	--	NA	NA
Petrochemical Feedstocks	--	--	--	193	8	2	--	-1	--	49	155
Naphtha for Petro. Feed. Use	--	--	--	104	8	2	--	2	--	--	112
Other Oils for Petro. Feed. Use	--	--	--	89	--	--	--	-3	--	49	43
Special Naphthas	--	--	--	34	11	-2	--	-1	--	--	44
Lubricants	--	--	--	145	35	-27	--	-10	--	118	45
Waxes	--	--	--	5	2	--	--	0	--	1	6
Petroleum Coke	--	--	--	480	8	25	--	11	--	447	55
Marketable	--	--	--	374	8	25	--	11	--	447	-51
Catalyst	--	--	--	106	--	--	--	--	--	--	106
Asphalt and Road Oil	--	--	--	85	1	-8	--	-7	--	9	76
Still Gas	--	--	--	375	--	--	--	--	--	--	375
Miscellaneous Products	--	--	--	58	--	0	--	2	--	2	54
Total	12,019	0	109	8,079	2,063	-1,822	720	-868	7,419	8,494	6,123

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,455	281	--	--	1,635	787	524	-852	9,008	3,525	0
Hydrocarbon Gas Liquids	3,783	-105	0	526	--	1,052	--	444	342	1,730	2,739
Natural Gas Liquids	3,783	-105	0	309	--	1,033	--	437	342	1,730	2,511
Ethane	1,646	--	--	8	--	628	--	-83	--	304	2,061
Propane	1,113	--	--	161	--	311	--	168	--	1,155	262
Normal Butane	300	--	--	147	--	151	--	264	33	266	35
Isobutane	300	--	--	-8	--	30	--	20	146	4	152
Natural Gasoline	424	-105	0	--	--	-86	--	67	163	2	0
Refinery Olefins	--	--	--	217	--	19	--	7	--	--	228
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	218	--	19	--	0	--	--	237
Normal Butylene	--	--	--	-1	--	--	--	7	--	--	-8
Isobutylene	--	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	-175	109	--	603	-1,949	-73	96	-1,882	236	64
Hydrogen/Biofuels/Other Hydrocarbons	--	--	109	--	--	136	150	-8	288	50	64
Hydrogen	--	--	--	--	--	--	132	--	132	--	0
Biofuels (including Fuel Ethanol)	--	--	109	--	--	136	18	-8	156	50	64
Fuel Ethanol	--	--	24	--	--	143	18	-9	146	48	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	84	--	--	-7	--	1	10	2	64
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-175	--	--	530	10	--	7	223	135	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	73	-2,095	-223	97	-2,393	51	0
Reformulated	--	--	--	--	--	-497	103	16	-410	0	0
Conventional	--	--	--	--	73	-1,598	-326	81	-1,983	51	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	0	7,616	176	-1,466	205	88	--	2,910	3,534
Finished Motor Gasoline	--	--	0	2,116	--	-132	205	-2	--	727	1,465
Reformulated	--	--	--	452	--	--	-80	--	--	--	372
Conventional	--	--	0	1,664	--	-132	285	-2	--	727	1,093
Finished Aviation Gasoline	--	--	--	9	--	-1	--	2	--	--	6
Kerosene-Type Jet Fuel	--	--	--	897	--	-530	--	20	--	172	174
Kerosene	--	--	--	5	--	--	--	6	--	1	-2
Distillate Fuel Oil	--	--	0	3,098	1	-836	--	-12	--	1,413	863
15 ppm sulfur and under	--	--	0	2,872	--	-813	--	8	--	1,239	813
Greater than 15 to 500 ppm sulfur	--	--	0	94	1	-4	--	-1	--	86	6
Greater than 500 ppm sulfur	--	--	--	131	--	-19	--	-19	--	88	43
Residual Fuel Oil	--	--	--	75	89	22	--	33	--	67	87
Less than 0.31 percent sulfur	--	--	--	34	--	3	--	-6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	43	10	12	--	6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	-2	79	7	--	34	--	NA	NA
Petrochemical Feedstocks	--	--	--	221	12	4	--	4	--	32	200
Naphtha for Petro. Feed. Use	--	--	--	113	10	3	--	2	--	--	124
Other Oils for Petro. Feed. Use	--	--	--	108	2	1	--	2	--	32	76
Special Naphthas	--	--	--	33	14	1	--	-3	--	--	51
Lubricants	--	--	--	139	44	-23	--	23	--	126	11
Waxes	--	--	--	5	2	--	--	0	--	1	6
Petroleum Coke	--	--	--	480	14	39	--	14	--	366	153
Marketable	--	--	--	373	14	39	--	14	--	366	46
Catalyst	--	--	--	107	--	--	--	--	--	--	107
Asphalt and Road Oil	--	--	--	91	--	-10	--	3	--	4	74
Still Gas	--	--	--	392	--	--	--	--	--	--	392
Miscellaneous Products	--	--	--	57	--	0	--	0	--	2	55
Total	12,237	0	109	8,142	2,414	-1,576	656	-224	7,467	8,401	6,337

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,618	341	--	--	1,209	970	502	-704	8,922	3,421	0
Hydrocarbon Gas Liquids	3,706	-130	0	498	0	986	--	516	346	1,886	2,312
Natural Gas Liquids	3,706	-130	0	307	0	967	--	524	346	1,886	2,094
Ethane	1,572	--	--	6	--	588	--	115	--	330	1,721
Propane	1,119	--	--	163	--	310	--	192	--	1,250	150
Normal Butane	289	--	--	145	--	139	--	166	45	294	68
Isobutane	303	--	--	-7	--	32	--	24	141	9	154
Natural Gasoline	423	-130	0	--	0	-103	--	27	160	3	0
Refinery Olefins	--	--	--	191	--	19	--	-8	--	--	218
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	206	--	19	--	-6	--	--	231
Normal Butylene	--	--	--	-14	--	--	--	-2	--	--	-11
Isobutylene	--	--	--	-2	--	--	--	0	--	--	-2
Other Liquids	--	-211	100	--	435	-1,957	-115	-130	-1,865	198	50
Hydrogen/Biofuels/Other Hydrocarbons	--	--	100	--	2	135	111	-17	285	31	50
Hydrogen	--	--	--	--	--	--	129	--	129	--	0
Biofuels (including Fuel Ethanol)	--	--	100	--	2	135	-18	-17	157	31	50
Fuel Ethanol	--	--	24	--	--	156	-18	-6	148	20	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	77	--	2	-21	--	-11	9	10	50
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-211	--	--	370	23	--	-27	98	110	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	63	-2,115	-226	-86	-2,249	57	0
Reformulated	--	--	--	--	13	-492	19	-86	-374	0	0
Conventional	--	--	--	--	50	-1,623	-245	0	-1,876	57	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	1	--	0
Finished Petroleum Products	--	--	0	7,512	196	-1,456	244	-58	--	2,989	3,565
Finished Motor Gasoline	--	--	0	2,194	--	-88	244	9	--	906	1,434
Reformulated	--	--	--	460	--	--	21	--	--	--	481
Conventional	--	--	0	1,734	--	-88	223	9	--	906	953
Finished Aviation Gasoline	--	--	--	11	--	-3	--	-4	--	--	12
Kerosene-Type Jet Fuel	--	--	--	843	--	-549	--	-17	--	180	131
Kerosene	--	--	--	9	--	--	--	-1	--	8	2
Distillate Fuel Oil	--	--	0	3,036	--	-850	--	-11	--	1,274	922
15 ppm sulfur and under	--	--	0	2,843	--	-822	--	-19	--	1,096	944
Greater than 15 to 500 ppm sulfur	--	--	0	80	--	-2	--	-5	--	109	-27
Greater than 500 ppm sulfur	--	--	--	113	--	-26	--	13	--	69	5
Residual Fuel Oil	--	--	--	112	99	25	--	-2	--	83	155
Less than 0.31 percent sulfur	--	--	--	36	--	0	--	11	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	47	--	10	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	30	99	15	--	-10	--	NA	NA
Petrochemical Feedstocks	--	--	--	185	7	2	--	-3	--	26	171
Naphtha for Petro. Feed. Use	--	--	--	91	6	2	--	2	--	--	96
Other Oils for Petro. Feed. Use	--	--	--	94	1	1	--	-5	--	26	75
Special Naphthas	--	--	--	31	34	2	--	-2	--	--	69
Lubricants	--	--	--	107	44	-21	--	-13	--	52	91
Waxes	--	--	--	5	1	--	--	0	--	1	5
Petroleum Coke	--	--	--	464	12	35	--	-16	--	440	87
Marketable	--	--	--	360	12	35	--	-16	--	440	-18
Catalyst	--	--	--	105	--	--	--	--	--	--	105
Asphalt and Road Oil	--	--	--	91	--	-10	--	1	--	17	64
Still Gas	--	--	--	368	--	--	--	--	--	--	368
Miscellaneous Products	--	--	--	55	--	--	--	1	--	1	52
Total	12,324	0	100	8,010	1,839	-1,457	630	-376	7,402	8,494	5,926

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,881	426	--	--	1,171	1,081	87	-776	8,808	3,614	0
Hydrocarbon Gas Liquids	3,748	-245	-1	409	1	934	--	246	401	1,783	2,418
Natural Gas Liquids	3,748	-245	-1	225	1	917	--	235	401	1,783	2,227
Ethane	1,562	--	--	6	--	511	--	67	--	261	1,750
Propane	1,160	--	--	158	--	251	--	160	--	1,123	286
Normal Butane	297	--	--	70	1	117	--	-50	117	390	30
Isobutane	304	--	--	-9	--	26	--	6	148	6	162
Natural Gasoline	425	-245	-1	--	--	13	--	53	136	3	0
Refinery Olefins	--	--	--	184	--	17	--	11	--	--	190
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	200	--	17	--	2	--	--	215
Normal Butylene	--	--	--	-16	--	--	--	10	--	--	-26
Isobutylene	--	--	--	--	--	--	--	-1	--	--	1
Other Liquids	--	-181	112	--	438	-1,894	-245	-255	-1,851	264	72
Hydrogen/Biofuels/Other Hydrocarbons	--	--	112	--	5	148	124	-15	292	39	73
Hydrogen	--	--	--	--	--	--	133	--	133	--	0
Biofuels (including Fuel Ethanol)	--	--	112	--	5	148	-10	-15	159	39	73
Fuel Ethanol	--	--	22	--	--	157	-10	-14	151	33	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	90	--	5	-8	--	-1	8	6	73
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-181	--	--	387	23	--	-106	172	163	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	46	-2,065	-369	-134	-2,316	62	0
Reformulated	--	--	--	--	--	-342	152	-40	-150	0	0
Conventional	--	--	--	--	46	-1,723	-521	-94	-2,166	62	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	--	0	7,578	210	-1,481	378	15	--	3,026	3,644
Finished Motor Gasoline	--	--	0	2,225	--	-94	--	-8	--	993	1,525
Reformulated	--	--	--	476	--	--	-108	--	--	--	368
Conventional	--	--	0	1,750	--	-94	486	-8	--	993	1,157
Finished Aviation Gasoline	--	--	--	10	--	-5	--	1	--	--	4
Kerosene-Type Jet Fuel	--	--	--	796	--	-490	--	-5	--	201	111
Kerosene	--	--	--	5	--	--	--	-5	--	12	-2
Distillate Fuel Oil	--	--	0	3,107	--	-920	--	30	--	1,222	935
15 ppm sulfur and under	--	--	0	2,900	--	-890	--	7	--	1,100	903
Greater than 15 to 500 ppm sulfur	--	--	0	70	--	-3	--	0	--	39	27
Greater than 500 ppm sulfur	--	--	--	137	--	-27	--	23	--	83	5
Residual Fuel Oil	--	--	--	121	129	28	--	-20	--	47	250
Less than 0.31 percent sulfur	--	--	--	34	--	3	--	-17	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	50	--	7	--	-13	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	37	129	18	--	10	--	NA	NA
Petrochemical Feedstocks	--	--	--	189	11	1	--	-1	--	44	158
Naphtha for Petro. Feed. Use	--	--	--	95	10	0	--	-4	--	--	108
Other Oils for Petro. Feed. Use	--	--	--	95	1	1	--	3	--	44	50
Special Naphthas	--	--	--	29	22	1	--	1	--	--	50
Lubricants	--	--	--	126	39	-19	--	30	--	58	58
Waxes	--	--	--	5	2	--	--	0	--	1	5
Petroleum Coke	--	--	--	468	8	21	--	-4	--	438	63
Marketable	--	--	--	364	8	21	--	-4	--	438	-41
Catalyst	--	--	--	104	--	--	--	--	--	--	104
Asphalt and Road Oil	--	--	--	75	--	-3	--	-4	--	9	67
Still Gas	--	--	--	366	--	--	--	--	--	--	366
Miscellaneous Products	--	--	--	55	--	0	--	-1	--	1	54
Total	12,629	0	112	7,987	1,820	-1,361	220	-770	7,358	8,687	6,134

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,915	480	--	--	1,138	1,031	356	-443	8,445	3,920	0
Hydrocarbon Gas Liquids	3,802	-316	0	325	1	851	--	-46	396	1,984	2,327
Natural Gas Liquids	3,802	-316	0	159	--	839	--	-46	396	1,984	2,149
Ethane	1,659	--	--	5	--	492	--	1	--	300	1,855
Propane	1,141	--	--	150	--	213	--	83	--	1,291	130
Normal Butane	289	--	--	12	--	99	--	-151	151	386	14
Isobutane	310	--	--	-8	--	23	--	31	138	6	150
Natural Gasoline	402	-316	0	--	--	12	--	-10	107	1	0
Refinery Olefins	--	--	--	166	1	12	--	0	--	--	179
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	176	--	12	--	-6	--	--	194
Normal Butylene	--	--	--	-10	1	--	--	6	--	--	-15
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-165	116	--	495	-1,894	-40	67	-1,837	214	68
Hydrogen/Biofuels/Other Hydrocarbons	--	--	116	--	4	146	124	-2	287	36	68
Hydrogen	--	--	--	--	--	--	128	--	128	--	0
Biofuels (including Fuel Ethanol)	--	--	116	--	4	146	-4	-2	159	36	68
Fuel Ethanol	--	--	22	--	--	158	-4	-1	149	28	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	94	--	4	-13	--	-1	9	8	68
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-165	--	--	447	33	--	68	112	136	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	44	-2,072	-164	2	-2,236	42	0
Reformulated	--	--	--	--	--	-309	140	12	-181	0	0
Conventional	--	--	--	--	44	-1,763	-304	-10	-2,055	42	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	1	--	0
Finished Petroleum Products	--	--	0	7,215	187	-1,611	168	24	--	2,535	3,400
Finished Motor Gasoline	--	--	0	2,161	--	-118	168	-8	--	822	1,398
Reformulated	--	--	--	469	--	--	-85	--	--	--	384
Conventional	--	--	0	1,691	--	-118	253	-8	--	822	1,013
Finished Aviation Gasoline	--	--	--	9	--	-5	--	0	--	--	4
Kerosene-Type Jet Fuel	--	--	--	762	--	-503	--	-15	--	124	150
Kerosene	--	--	--	8	--	-1	--	3	--	9	-5
Distillate Fuel Oil	--	--	0	2,954	--	-1,000	--	-15	--	952	1,017
15 ppm sulfur and under	--	--	0	2,786	--	-970	--	-4	--	798	1,023
Greater than 15 to 500 ppm sulfur	--	--	0	63	--	-1	--	-2	--	71	-6
Greater than 500 ppm sulfur	--	--	--	105	--	-29	--	-8	--	84	1
Residual Fuel Oil	--	--	--	79	97	26	--	51	--	81	70
Less than 0.31 percent sulfur	--	--	--	35	--	6	--	12	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	45	--	3	--	-6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	-1	97	17	--	45	--	NA	NA
Petrochemical Feedstocks	--	--	--	178	6	4	--	-5	--	10	183
Naphtha for Petro. Feed. Use	--	--	--	92	5	4	--	-2	--	--	103
Other Oils for Petro. Feed. Use	--	--	--	86	1	--	--	-3	--	10	80
Special Naphthas	--	--	--	29	15	0	--	-1	--	--	44
Lubricants	--	--	--	107	57	-18	--	-2	--	62	87
Waxes	--	--	--	4	1	--	--	1	--	1	3
Petroleum Coke	--	--	--	436	11	10	--	-2	--	471	-11
Marketable	--	--	--	342	11	10	--	-2	--	471	-105
Catalyst	--	--	--	94	--	--	--	--	--	--	94
Asphalt and Road Oil	--	--	--	86	--	-5	--	14	--	4	63
Still Gas	--	--	--	348	--	--	--	--	--	--	348
Miscellaneous Products	--	--	--	53	--	0	--	3	--	1	49
Total	12,717	0	116	7,540	1,821	-1,623	484	-399	7,004	8,654	5,795

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,902	303	--	--	1,013	1,255	573	-860	8,887	4,020	0
Hydrocarbon Gas Liquids	3,697	-144	-1	312	--	786	--	-138	475	1,861	2,454
Natural Gas Liquids	3,697	-144	-1	136	--	775	--	-135	475	1,861	2,264
Ethane	1,650	--	--	6	--	545	--	119	--	283	1,799
Propane	1,103	--	--	157	--	237	--	10	--	1,187	300
Normal Butane	266	--	--	-16	--	101	--	-228	198	385	-4
Isobutane	309	--	--	-11	--	12	--	-4	141	3	169
Natural Gasoline	370	-144	-1	--	--	-119	--	-32	136	2	0
Refinery Olefins	--	--	--	176	--	11	--	-3	--	--	190
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	184	--	11	--	5	--	--	190
Normal Butylene	--	--	--	-8	--	--	--	-8	--	--	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-160	129	--	452	-1,859	-91	160	-1,988	228	71
Hydrogen/Biofuels/Other Hydrocarbons	--	--	129	--	6	153	133	38	288	23	72
Hydrogen	--	--	--	--	--	--	135	--	135	--	0
Biofuels (including Fuel Ethanol)	--	--	129	--	6	153	-2	38	153	23	72
Fuel Ethanol	--	--	25	--	--	162	-2	18	147	20	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	104	--	6	-10	--	20	7	2	72
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-160	--	--	438	33	--	-4	165	149	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	8	-2,044	-225	126	-2,442	55	0
Reformulated	--	--	--	--	--	-297	133	3	-167	0	0
Conventional	--	--	--	--	8	-1,747	-357	123	-2,275	55	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	-1
Finished Petroleum Products	--	--	0	7,633	152	-1,564	226	146	--	2,797	3,504
Finished Motor Gasoline	--	--	0	2,271	--	-56	226	34	--	952	1,455
Reformulated	--	--	--	457	--	--	-103	--	--	--	354
Conventional	--	--	0	1,814	--	-56	329	34	--	952	1,101
Finished Aviation Gasoline	--	--	--	10	1	-3	--	-2	--	--	9
Kerosene-Type Jet Fuel	--	--	--	845	0	-539	--	18	--	141	147
Kerosene	--	--	--	13	--	-1	--	5	--	1	6
Distillate Fuel Oil	--	--	0	3,120	--	-1,010	--	112	--	1,090	909
15 ppm sulfur and under	--	--	0	2,922	--	-982	--	107	--	902	930
Greater than 15 to 500 ppm sulfur	--	--	0	89	--	-4	--	7	--	92	-13
Greater than 500 ppm sulfur	--	--	--	109	--	-24	--	-2	--	96	-9
Residual Fuel Oil	--	--	--	64	122	39	--	-30	--	90	166
Less than 0.31 percent sulfur	--	--	--	35	--	8	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	48	--	8	--	-4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	-19	122	24	--	-27	--	NA	NA
Petrochemical Feedstocks	--	--	--	197	2	4	--	7	--	47	150
Naphtha for Petro. Feed. Use	--	--	--	118	1	4	--	3	--	--	120
Other Oils for Petro. Feed. Use	--	--	--	79	1	1	--	4	--	47	30
Special Naphthas	--	--	--	30	4	-1	--	1	--	--	32
Lubricants	--	--	--	121	21	-16	--	0	--	55	70
Waxes	--	--	--	4	1	--	--	1	--	1	4
Petroleum Coke	--	--	--	477	--	26	--	4	--	410	89
Marketable	--	--	--	380	--	26	--	4	--	410	-8
Catalyst	--	--	--	97	--	--	--	--	--	--	97
Asphalt and Road Oil	--	--	--	63	--	-6	--	-4	--	9	51
Still Gas	--	--	--	363	--	--	--	--	--	--	363
Miscellaneous Products	--	--	--	56	--	0	--	1	--	1	53
Total	12,599	0	128	7,945	1,617	-1,381	708	-692	7,373	8,906	6,029

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	8,905	175	--	--	1,109	978	519	-70	8,130	3,625	0
Hydrocarbon Gas Liquids	3,501	-95	0	313	--	551	--	-433	464	2,040	2,200
Natural Gas Liquids	3,501	-95	0	145	--	534	--	-435	464	2,040	2,016
Ethane	1,512	--	--	5	--	430	--	-72	--	323	1,697
Propane	1,075	--	--	149	--	166	--	-168	--	1,336	223
Normal Butane	258	--	--	-5	--	85	--	-161	191	374	-65
Isobutane	301	--	--	-5	--	19	--	17	131	6	162
Natural Gasoline	354	-95	0	--	--	-165	--	-51	142	1	0
Refinery Olefins	--	--	--	168	--	17	--	1	--	--	184
Ethylene	--	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	--	181	--	17	--	7	--	--	191
Normal Butylene	--	--	--	-13	--	--	--	-5	--	--	-8
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-80	121	--	376	-1,800	-89	-59	-1,794	294	88
Hydrogen/Biofuels/Other Hydrocarbons	--	--	121	--	7	128	139	6	279	23	88
Hydrogen	--	--	--	--	--	--	122	--	122	--	0
Biofuels (including Fuel Ethanol)	--	--	121	--	7	128	17	6	157	23	88
Fuel Ethanol	--	--	23	--	--	136	17	13	145	18	0
Biofuels (excluding Fuel Ethanol) ⁷	--	--	98	--	7	-8	--	-7	12	5	88
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-80	--	--	365	34	--	54	116	149	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	4	-1,962	-227	-119	-2,189	123	0
Reformulated	--	--	--	--	--	-289	200	-33	-56	0	0
Conventional	--	--	--	--	4	-1,673	-427	-86	-2,133	123	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	0	7,066	185	-1,519	211	-267	--	2,846	3,364
Finished Motor Gasoline	--	--	0	2,176	--	-66	211	9	--	866	1,447
Reformulated	--	--	--	458	--	--	-160	--	--	--	298
Conventional	--	--	0	1,719	--	-66	371	9	--	866	1,149
Finished Aviation Gasoline	--	--	--	11	--	-2	--	3	--	--	6
Kerosene-Type Jet Fuel	--	--	--	783	4	-558	--	-72	--	133	167
Kerosene	--	--	--	18	--	-1	--	-6	--	16	7
Distillate Fuel Oil	--	--	0	2,788	2	-941	--	-234	--	1,225	858
15 ppm sulfur and under	--	--	0	2,597	2	-907	--	-196	--	1,041	847
Greater than 15 to 500 ppm sulfur	--	--	0	93	--	-5	--	-7	--	91	4
Greater than 500 ppm sulfur	--	--	--	98	--	-29	--	-31	--	93	7
Residual Fuel Oil	--	--	--	113	117	38	--	21	--	108	138
Less than 0.31 percent sulfur	--	--	--	32	--	4	--	16	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	39	--	5	--	-6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	41	117	29	--	11	--	NA	NA
Petrochemical Feedstocks	--	--	--	162	3	4	--	-6	--	18	157
Naphtha for Petro. Feed. Use	--	--	--	96	1	2	--	-1	--	--	100
Other Oils for Petro. Feed. Use	--	--	--	66	2	2	--	-5	--	18	57
Special Naphthas	--	--	--	21	10	--	--	-2	--	--	33
Lubricants	--	--	--	124	40	-21	--	35	--	42	66
Waxes	--	--	--	3	1	--	--	0	--	1	4
Petroleum Coke	--	--	--	432	8	25	--	-17	--	420	61
Marketable	--	--	--	339	8	25	--	-17	--	420	-31
Catalyst	--	--	--	92	--	--	--	--	--	--	92
Asphalt and Road Oil	--	--	--	50	--	3	--	4	--	17	32
Still Gas	--	--	--	336	--	--	--	--	--	--	336
Miscellaneous Products	--	--	--	49	--	0	--	-3	--	1	51
Total	12,406	0	121	7,379	1,669	-1,789	641	-829	6,799	8,806	5,652

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethane, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	25,633	281	--	--	11,882	-19,357	-805	-582	18,217	--	0	23,746
Hydrocarbon Gas Liquids	15,228	-179	-12	151	618	-14,740	--	-886	638	53	1,260	6,295
Natural Gas Liquids	15,228	-179	-12	31	618	-14,740	--	-949	638	53	1,203	6,156
Ethane	4,450	--	--	--	--	-5,027	--	14	--	1	-592	1,313
Propane	5,535	--	--	238	541	-5,015	--	-372	--	1	1,670	2,461
Normal Butane	2,176	--	--	-235	73	-1,886	--	-637	349	0	416	1,184
Isobutane	947	--	--	28	4	-1,054	--	40	177	--	-292	478
Natural Gasoline	2,120	-179	-12	--	--	-1,759	--	6	112	52	0	720
Refinery Olefins	--	--	--	120	--	--	--	63	--	--	57	139
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	51	--	--	--	0	--	--	51	3
Normal Butylene	--	--	--	69	--	--	--	63	--	--	6	136
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-102	715	--	10	620	104	751	419	0	177	10,514
Hydrogen/Biofuels/Other Hydrocarbons	--	--	715	--	7	274	369	69	1,119	--	177	489
Hydrogen	--	--	--	--	--	--	236	--	236	--	0	--
Biofuels (including Fuel Ethanol)	--	--	715	--	7	274	133	69	883	--	177	489
Fuel Ethanol	--	--	455	--	7	259	133	41	814	--	0	421
Biofuels (excluding Fuel Ethanol) ⁶	--	--	260	--	--	14	--	28	69	--	177	69
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-102	--	--	--	--	--	1	-103	0	0	2,779
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	3	346	-265	681	-597	--	0	7,246
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	3	346	-265	681	-597	--	0	7,246
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	20,052	269	-646	132	236	--	11	19,559	8,971
Finished Motor Gasoline	--	--	--	9,892	--	-464	132	82	--	1	9,476	1,664
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	9,892	--	-464	132	82	--	1	9,476	1,664
Finished Aviation Gasoline	--	--	--	4	1	--	--	0	--	--	5	9
Kerosene-Type Jet Fuel	--	--	--	984	53	746	--	170	--	--	1,613	862
Kerosene	--	--	--	2	--	--	--	1	--	--	1	2
Distillate Fuel Oil	--	--	0	6,217	160	-266	--	-381	--	0	6,492	4,145
15 ppm sulfur and under	--	--	0	6,193	160	-266	--	-368	--	0	6,455	3,929
Greater than 15 to 500 ppm sulfur	--	--	--	47	--	--	--	10	--	--	37	173
Greater than 500 ppm sulfur	--	--	--	-23	--	--	--	-23	--	--	0	43
Residual Fuel Oil	--	--	--	325	--	--	--	11	--	--	314	223
Less than 0.31 percent sulfur	--	--	--	180	--	--	--	1	--	NA	NA	23
0.31 to 1.00 percent sulfur	--	--	--	48	--	--	--	19	--	NA	NA	23
Greater than 1.00 percent sulfur	--	--	--	97	--	--	--	-9	--	NA	NA	177
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	689	--	-290	--	64	--	--	335	201
Marketable	--	--	--	468	--	-290	--	64	--	--	114	201
Catalyst	--	--	--	221	--	--	--	--	--	--	221	--
Asphalt and Road Oil	--	--	--	1,110	55	-372	--	287	--	0	505	1,846
Still Gas	--	--	--	685	--	--	--	--	--	--	685	--
Miscellaneous Products	--	--	--	144	--	--	--	2	--	--	142	19
Total	40,861	0	703	20,203	12,779	-34,124	-569	-481	19,274	65	20,996	49,526

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,555	241	--	--	11,155	-16,917	-1,693	314	16,027	--	0	24,060
Hydrocarbon Gas Liquids	14,639	-141	-9	305	545	-14,226	--	-232	446	39	859	6,063
Natural Gas Liquids	14,639	-141	-9	114	545	-14,226	--	-337	446	39	773	5,819
Ethane	4,693	--	--	--	--	-4,967	--	83	--	--	-357	1,396
Propane	5,136	--	--	203	516	-4,658	--	-325	--	0	1,521	2,136
Normal Butane	2,029	--	--	-107	29	-1,868	--	-15	184	1	-88	1,169
Isobutane	860	--	--	18	--	-1,063	--	-28	147	--	-304	450
Natural Gasoline	1,921	-141	-9	--	--	-1,670	--	-52	115	37	0	668
Refinery Olefins	--	--	--	191	--	--	--	105	--	--	86	244
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	46	--	--	--	-1	--	--	47	2
Normal Butylene	--	--	--	145	--	--	--	106	--	--	39	242
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-100	639	--	20	316	264	-553	1,497	1	194	9,962
Hydrogen/Biofuels/Other Hydrocarbons	--	--	639	--	1	217	400	-30	1,092	1	194	460
Hydrogen	--	--	--	--	--	--	232	--	232	--	0	--
Biofuels (including Fuel Ethanol)	--	--	639	--	1	217	168	-30	860	1	194	460
Fuel Ethanol	--	--	395	--	--	194	168	-36	793	1	0	384
Biofuels (excluding Fuel Ethanol) ⁶	--	--	245	--	1	23	--	7	67	1	194	76
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-100	--	--	--	--	--	2	-102	0	0	2,781
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	19	99	-136	-525	507	--	0	6,721
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	19	99	-136	-525	507	--	0	6,721
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	18,409	303	-277	-32	192	--	13	18,197	9,163
Finished Motor Gasoline	--	--	--	9,322	--	-382	-32	-83	--	0	8,990	1,581
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	9,322	--	-382	-32	-83	--	0	8,990	1,581
Finished Aviation Gasoline	--	--	--	4	--	--	--	0	--	--	4	9
Kerosene-Type Jet Fuel	--	--	--	888	7	496	--	-192	--	--	1,583	670
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	0	5,634	176	124	--	174	--	--	5,759	4,319
15 ppm sulfur and under	--	--	0	5,572	176	124	--	176	--	--	5,695	4,105
Greater than 15 to 500 ppm sulfur	--	--	--	42	--	--	--	-22	--	--	64	151
Greater than 500 ppm sulfur	--	--	--	20	--	--	--	20	--	--	0	63
Residual Fuel Oil	--	--	--	332	16	--	--	28	--	--	320	251
Less than 0.31 percent sulfur	--	--	--	165	--	--	--	-1	--	NA	NA	22
0.31 to 1.00 percent sulfur	--	--	--	39	--	--	--	15	--	NA	NA	38
Greater than 1.00 percent sulfur	--	--	--	128	16	--	--	14	--	NA	NA	191
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	12	-12	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	681	--	-135	--	3	--	--	543	204
Marketable	--	--	--	464	--	-135	--	3	--	--	326	204
Catalyst	--	--	--	217	--	--	--	--	--	--	217	--
Asphalt and Road Oil	--	--	--	789	104	-380	--	260	--	1	252	2,106
Still Gas	--	--	--	632	--	--	--	--	--	--	632	--
Miscellaneous Products	--	--	--	127	--	--	--	2	--	--	125	21
Total	38,194	0	630	18,714	12,023	-31,104	-1,461	-278	17,970	53	19,250	49,248

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	26,649	373	--	--	13,505	-18,760	-2,650	1,638	17,479	--	0	25,698
Hydrocarbon Gas Liquids	17,641	-209	-11	375	396	-16,111	--	-18	520	58	1,520	6,045
Natural Gas Liquids	17,641	-209	-11	228	396	-16,111	--	29	520	58	1,326	5,848
Ethane	6,320	--	--	--	--	-6,117	--	235	--	--	-32	1,631
Propane	5,832	--	--	229	376	-5,169	--	-251	--	3	1,516	1,885
Normal Butane	2,317	--	--	6	20	-1,917	--	119	225	1	81	1,288
Isobutane	975	--	--	-7	--	-1,085	--	-40	162	--	-239	410
Natural Gasoline	2,197	-209	-11	--	--	-1,823	--	-34	133	55	0	634
Refinery Olefins	--	--	--	147	--	--	--	-47	--	--	194	197
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	46	--	--	--	0	--	--	46	2
Normal Butylene	--	--	--	101	--	--	--	-47	--	--	148	195
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-164	682	--	40	960	-5	-287	1,604	2	195	9,675
Hydrogen/Biofuels/Other Hydrocarbons	--	--	682	--	4	329	370	1	1,188	1	195	461
Hydrogen	--	--	--	--	--	--	242	--	242	--	0	--
Biofuels (including Fuel Ethanol)	--	--	682	--	4	329	128	1	946	1	195	461
Fuel Ethanol	--	--	445	--	--	309	128	-3	883	1	0	381
Biofuels (excluding Fuel Ethanol) ⁶	--	--	237	--	4	20	--	4	63	--	195	80
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-164	--	--	--	--	--	-87	-77	0	0	2,694
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	36	631	-375	-201	493	0	0	6,520
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	36	631	-375	-201	493	0	0	6,520
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	20,051	243	-556	247	-636	--	23	20,597	8,527
Finished Motor Gasoline	--	--	--	10,254	--	-369	247	-18	--	1	10,149	1,563
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	10,254	--	-369	247	-18	--	1	10,149	1,563
Finished Aviation Gasoline	--	--	--	4	1	--	--	-3	--	--	8	6
Kerosene-Type Jet Fuel	--	--	--	991	38	668	--	-69	--	--	1,766	601
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	0	5,990	114	-12	--	-640	--	--	6,731	3,679
15 ppm sulfur and under	--	--	0	5,886	114	-12	--	-640	--	--	6,627	3,465
Greater than 15 to 500 ppm sulfur	--	--	--	115	--	--	--	12	--	--	103	163
Greater than 500 ppm sulfur	--	--	--	-11	--	--	--	-12	--	--	1	51
Residual Fuel Oil	--	--	--	351	--	--	--	-23	--	--	374	228
Less than 0.31 percent sulfur	--	--	--	183	--	--	--	5	--	NA	NA	27
0.31 to 1.00 percent sulfur	--	--	--	23	--	--	--	-14	--	NA	NA	24
Greater than 1.00 percent sulfur	--	--	--	145	--	--	--	-14	--	NA	NA	177
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	21	-21	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	734	--	-206	--	-111	--	--	639	93
Marketable	--	--	--	498	--	-206	--	-111	--	--	403	93
Catalyst	--	--	--	236	--	--	--	--	--	--	236	--
Asphalt and Road Oil	--	--	--	978	90	-637	--	235	--	1	195	2,341
Still Gas	--	--	--	616	--	--	--	--	--	--	616	--
Miscellaneous Products	--	--	--	133	--	--	--	-7	--	--	140	14
Total	44,290	0	671	20,426	14,184	-34,467	-2,408	698	19,603	82	22,312	49,946

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	25,781	276	--	--	10,956	-20,518	-2,545	-2,506	16,456	--	0	23,192
Hydrocarbon Gas Liquids	16,347	-73	-10	408	276	-15,251	--	177	485	67	969	6,222
Natural Gas Liquids	16,347	-73	-10	287	276	-15,251	--	197	485	67	828	6,045
Ethane	5,409	--	--	--	--	-5,712	--	-281	--	0	-22	1,350
Propane	5,622	--	--	189	264	-4,863	--	179	--	1	1,031	2,064
Normal Butane	2,223	--	--	96	12	-1,822	--	198	180	20	112	1,486
Isobutane	950	--	--	2	--	-1,050	--	36	159	--	-293	446
Natural Gasoline	2,143	-73	-10	--	--	-1,804	--	65	146	45	0	699
Refinery Olefins	--	--	--	121	--	--	--	-20	--	--	141	177
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	39	--	--	--	0	--	--	39	2
Normal Butylene	--	--	--	82	--	--	--	-20	--	--	102	175
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-203	700	--	132	1,046	464	453	1,564	4	117	10,128
Hydrogen/Biofuels/Other Hydrocarbons	--	--	700	--	4	401	295	115	1,164	3	117	576
Hydrogen	--	--	--	--	--	--	210	--	210	--	0	--
Biofuels (including Fuel Ethanol)	--	--	700	--	4	401	85	115	954	3	117	576
Fuel Ethanol	--	--	434	--	--	378	85	21	876	0	0	402
Biofuels (excluding Fuel Ethanol) ⁶	--	--	266	--	4	23	--	94	78	3	117	174
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-203	--	--	37	--	--	419	-585	0	0	3,113
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	91	645	169	-81	985	1	0	6,439
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	91	645	169	-81	985	1	0	6,439
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	18,973	355	261	-254	30	--	14	19,292	8,558
Finished Motor Gasoline	--	--	--	10,079	19	-176	-254	-51	--	1	9,718	1,512
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	10,079	19	-176	-254	-51	--	1	9,718	1,512
Finished Aviation Gasoline	--	--	--	3	--	--	--	-1	--	--	4	5
Kerosene-Type Jet Fuel	--	--	--	1,003	18	668	--	61	--	--	1,628	662
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	0	5,510	209	340	--	91	--	0	5,968	3,771
15 ppm sulfur and under	--	--	0	5,401	209	340	--	53	--	0	5,897	3,519
Greater than 15 to 500 ppm sulfur	--	--	--	93	--	--	--	22	--	--	71	185
Greater than 500 ppm sulfur	--	--	--	16	--	--	--	16	--	--	0	67
Residual Fuel Oil	--	--	--	306	15	--	--	-26	--	--	347	202
Less than 0.31 percent sulfur	--	--	--	152	--	--	--	-15	--	NA	NA	12
0.31 to 1.00 percent sulfur	--	--	--	41	--	--	--	10	--	NA	NA	34
Greater than 1.00 percent sulfur	--	--	--	113	15	--	--	-21	--	NA	NA	156
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	11	-11	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	553	--	-260	--	-33	--	--	326	60
Marketable	--	--	--	370	--	-260	--	-33	--	--	143	60
Catalyst	--	--	--	183	--	--	--	--	--	--	183	--
Asphalt and Road Oil	--	--	--	795	94	-310	--	-17	--	1	595	2,324
Still Gas	--	--	--	610	--	--	--	--	--	--	610	--
Miscellaneous Products	--	--	--	114	--	--	--	6	--	--	108	20
Total	42,128	0	690	19,381	11,719	-34,461	-2,335	-1,846	18,505	85	20,378	48,100

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	26,820	389	--	--	10,415	-19,536	-842	2,540	14,707	0	0	25,732
Hydrocarbon Gas Liquids	17,177	-227	-10	330	267	-15,573	--	587	392	49	936	6,810
Natural Gas Liquids	17,177	-227	-10	251	267	-15,573	--	648	392	49	796	6,694
Ethane	5,820	--	--	--	--	-5,823	--	44	--	--	-47	1,394
Propane	5,759	--	--	161	262	-4,933	--	124	--	--	1,125	2,188
Normal Butane	2,309	--	--	161	5	-1,864	--	507	64	--	40	1,993
Isobutane	975	--	--	-71	--	-1,074	--	-21	173	--	-322	425
Natural Gasoline	2,314	-227	-10	--	--	-1,879	--	-6	155	49	0	694
Refinery Olefins	--	--	--	79	--	--	--	-61	--	--	140	116
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	43	--	--	--	1	--	--	42	3
Normal Butylene	--	--	--	36	--	--	--	-62	--	--	98	113
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-162	701	--	198	1,130	294	-1,559	3,479	24	217	8,569
Hydrogen/Biofuels/Other Hydrocarbons	--	--	701	--	37	456	234	-3	1,190	24	217	573
Hydrogen	--	--	--	--	--	--	202	--	202	--	0	--
Biofuels (including Fuel Ethanol)	--	--	701	--	37	456	32	-3	988	24	217	573
Fuel Ethanol	--	--	437	--	--	447	32	-15	931	--	0	388
Biofuels (excluding Fuel Ethanol) ⁶	--	--	265	--	37	9	--	12	57	24	217	186
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-162	--	--	46	--	--	-67	-49	--	0	3,046
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	115	674	60	-1,489	2,338	--	0	4,950
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	115	674	60	-1,489	2,338	--	0	4,950
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	18,843	399	696	-92	-525	--	15	20,356	8,032
Finished Motor Gasoline	--	--	--	10,612	1	-231	-92	-322	--	2	10,610	1,190
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	10,612	1	-231	-92	-322	--	2	10,610	1,190
Finished Aviation Gasoline	--	--	--	--	--	--	--	-2	--	--	2	3
Kerosene-Type Jet Fuel	--	--	--	1,025	58	696	--	80	--	--	1,699	742
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	0	5,096	267	647	--	-219	--	--	6,229	3,551
15 ppm sulfur and under	--	--	0	5,074	267	647	--	-175	--	--	6,163	3,343
Greater than 15 to 500 ppm sulfur	--	--	--	47	--	--	--	-20	--	--	67	165
Greater than 500 ppm sulfur	--	--	--	-25	--	--	--	-24	--	--	-1	43
Residual Fuel Oil	--	--	--	304	--	--	--	12	--	--	292	214
Less than 0.31 percent sulfur	--	--	--	169	--	--	--	12	--	NA	NA	24
0.31 to 1.00 percent sulfur	--	--	--	27	--	--	--	-11	--	NA	NA	23
Greater than 1.00 percent sulfur	--	--	--	108	--	--	--	11	--	NA	NA	167
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	391	--	-64	--	-12	--	--	339	48
Marketable	--	--	--	219	--	-64	--	-12	--	--	167	48
Catalyst	--	--	--	172	--	--	--	--	--	--	172	--
Asphalt and Road Oil	--	--	--	794	73	-352	--	-63	--	3	575	2,261
Still Gas	--	--	--	528	--	--	--	--	--	--	528	--
Miscellaneous Products	--	--	--	93	--	--	--	1	--	--	92	21
Total	43,997	0	691	19,173	11,279	-33,283	-640	1,043	18,578	88	21,509	49,143

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	26,087	417	--	--	11,333	-20,404	-867	-1,632	18,198	--	0	24,100
Hydrocarbon Gas Liquids	16,686	-216	-10	482	262	-15,120	--	307	419	49	1,308	7,117
Natural Gas Liquids	16,686	-216	-10	372	262	-15,120	--	335	419	49	1,170	7,029
Ethane	5,690	--	--	--	--	-5,695	--	83	--	--	-88	1,477
Propane	5,560	--	--	205	262	-4,806	--	-7	--	3	1,225	2,181
Normal Butane	2,185	--	--	167	--	-1,857	--	248	79	--	168	2,241
Isobutane	979	--	--	0	--	-904	--	23	186	--	-134	448
Natural Gasoline	2,272	-216	-10	--	--	-1,858	--	-12	154	46	0	682
Refinery Olefins	--	--	--	110	--	--	--	-28	--	--	138	88
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	27	--	--	--	-2	--	--	29	1
Normal Butylene	--	--	--	83	--	--	--	-26	--	--	109	87
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-201	650	--	78	1,443	290	0	2,022	15	223	8,570
Hydrogen/Biofuels/Other Hydrocarbons	--	--	650	--	5	404	358	-31	1,210	15	223	543
Hydrogen	--	--	--	--	--	--	221	--	221	--	0	--
Biofuels (including Fuel Ethanol)	--	--	650	--	5	404	137	-31	989	15	223	543
Fuel Ethanol	--	--	437	--	--	373	137	15	932	--	0	402
Biofuels (excluding Fuel Ethanol) ⁶	--	--	213	--	5	32	--	-45	57	15	223	141
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-201	--	--	--	--	--	-340	139	0	0	2,706
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	73	1,039	-68	371	673	--	0	5,321
Reformulated	--	--	--	--	--	40	-40	--	--	--	--	--
Conventional	--	--	--	--	73	999	-28	371	673	--	0	5,321
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	20,957	377	162	-69	100	--	14	21,313	8,132
Finished Motor Gasoline	--	--	--	10,699	--	-360	-69	-63	--	1	10,332	1,127
Reformulated	--	--	--	--	--	--	44	--	--	--	44	--
Conventional	--	--	--	10,699	--	-360	-114	-63	--	1	10,287	1,127
Finished Aviation Gasoline	--	--	--	--	1	--	--	0	--	--	1	3
Kerosene-Type Jet Fuel	--	--	--	1,090	45	713	--	70	--	--	1,778	812
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	0	6,335	238	148	--	84	--	--	6,637	3,635
15 ppm sulfur and under	--	--	0	6,288	235	148	--	79	--	--	6,592	3,422
Greater than 15 to 500 ppm sulfur	--	--	--	21	--	--	--	-20	--	--	41	145
Greater than 500 ppm sulfur	--	--	--	26	3	--	--	25	--	--	4	68
Residual Fuel Oil	--	--	--	317	10	--	--	-11	--	--	338	203
Less than 0.31 percent sulfur	--	--	--	152	--	--	--	-5	--	NA	NA	19
0.31 to 1.00 percent sulfur	--	--	--	49	--	--	--	-1	--	NA	NA	22
Greater than 1.00 percent sulfur	--	--	--	116	10	--	--	-5	--	NA	NA	162
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	531	--	98	--	112	--	--	517	160
Marketable	--	--	--	323	--	98	--	112	--	--	309	160
Catalyst	--	--	--	208	--	--	--	--	--	--	208	--
Asphalt and Road Oil	--	--	--	1,244	83	-437	--	-93	--	3	981	2,168
Still Gas	--	--	--	644	--	--	--	--	--	--	644	--
Miscellaneous Products	--	--	--	97	--	--	--	1	--	--	96	22
Total	42,773	0	639	21,439	12,050	-33,919	-646	-1,225	20,639	78	22,844	47,919

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	26,916	320	--	--	12,621	-20,118	-603	-456	19,591	--	0	23,644
Hydrocarbon Gas Liquids	17,610	-162	-11	597	299	-16,282	--	414	540	41	1,056	7,530
Natural Gas Liquids	17,610	-162	-11	465	299	-16,282	--	412	540	41	926	7,440
Ethane	6,046	--	--	--	--	-6,233	--	-73	--	--	-114	1,404
Propane	5,773	--	--	238	299	-5,054	--	267	--	--	989	2,448
Normal Butane	2,306	--	--	227	--	-2,028	--	185	135	1	184	2,426
Isobutane	1,022	--	--	0	--	-963	--	-11	203	--	-133	437
Natural Gasoline	2,463	-162	-11	--	--	-2,004	--	44	202	41	0	725
Refinery Olefins	--	--	--	132	--	--	--	2	--	--	130	90
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	12	--	--	--	0	--	--	12	1
Normal Butylene	--	--	--	120	--	--	--	2	--	--	118	89
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-158	810	--	107	1,280	190	626	1,381	25	198	9,196
Hydrogen/Biofuels/Other Hydrocarbons	--	--	810	--	4	354	400	73	1,275	24	198	616
Hydrogen	--	--	--	--	--	--	223	--	223	--	0	--
Biofuels (including Fuel Ethanol)	--	--	810	--	4	354	177	73	1,052	24	198	616
Fuel Ethanol	--	--	458	--	--	320	177	-21	977	--	0	381
Biofuels (excluding Fuel Ethanol) ⁶	--	--	352	--	4	34	--	94	75	24	198	235
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-158	--	--	--	--	--	141	-300	1	0	2,847
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	103	926	-210	412	406	1	0	5,733
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	103	926	-210	412	406	1	0	5,733
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	21,786	350	-389	33	40	--	14	21,725	8,172
Finished Motor Gasoline	--	--	--	10,992	--	-275	33	-44	--	1	10,793	1,083
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	10,992	--	-275	33	-44	--	1	10,793	1,083
Finished Aviation Gasoline	--	--	--	9	--	--	--	5	--	--	4	8
Kerosene-Type Jet Fuel	--	--	--	1,216	65	660	--	-98	--	0	2,039	714
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	-1	6,599	204	-184	--	255	--	--	6,364	3,890
15 ppm sulfur and under	--	--	-1	6,535	204	-184	--	254	--	--	6,301	3,676
Greater than 15 to 500 ppm sulfur	--	--	--	84	--	--	--	19	--	--	65	164
Greater than 500 ppm sulfur	--	--	--	-20	--	--	--	-18	--	--	-2	50
Residual Fuel Oil	--	--	--	346	6	--	--	22	--	--	330	225
Less than 0.31 percent sulfur	--	--	--	162	--	--	--	9	--	NA	NA	28
0.31 to 1.00 percent sulfur	--	--	--	65	--	--	--	15	--	NA	NA	37
Greater than 1.00 percent sulfur	--	--	--	119	6	--	--	-2	--	NA	NA	160
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	8	-8	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	693	--	-135	--	14	--	0	543	174
Marketable	--	--	--	479	--	-135	--	14	--	0	329	174
Catalyst	--	--	--	214	--	--	--	--	--	--	214	--
Asphalt and Road Oil	--	--	--	1,083	75	-455	--	-114	--	5	812	2,054
Still Gas	--	--	--	712	--	--	--	--	--	--	712	--
Miscellaneous Products	--	--	--	136	--	--	--	0	--	0	136	22
Total	44,526	0	799	22,383	13,377	-35,510	-380	623	21,512	81	22,979	48,542

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	27,672	441	--	--	12,385	-20,467	-1,720	-890	19,202	--	0	22,754
Hydrocarbon Gas Liquids	16,807	-278	-10	581	301	-15,131	--	459	468	13	1,330	7,989
Natural Gas Liquids	16,807	-278	-10	439	301	-15,131	--	447	468	13	1,200	7,887
Ethane	5,052	--	--	--	--	-5,252	--	-169	--	--	-31	1,235
Propane	5,845	--	--	228	283	-4,937	--	278	--	1	1,140	2,726
Normal Butane	2,347	--	--	213	--	-1,994	--	306	136	--	124	2,732
Isobutane	1,047	--	--	-2	18	-957	--	-22	161	--	-33	415
Natural Gasoline	2,516	-278	-10	--	--	-1,991	--	54	171	12	0	779
Refinery Olefins	--	--	--	142	--	--	--	12	--	--	130	102
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	41	--	--	--	4	--	--	37	5
Normal Butylene	--	--	--	101	--	--	--	8	--	--	93	97
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-163	782	--	18	781	447	-551	2,096	23	297	8,645
Hydrogen/Biofuels/Other Hydrocarbons	--	--	782	--	6	411	413	-13	1,305	23	297	603
Hydrogen	--	--	--	--	--	--	207	--	207	--	0	--
Biofuels (including Fuel Ethanol)	--	--	782	--	6	411	206	-13	1,098	23	297	603
Fuel Ethanol	--	--	410	--	--	387	206	4	999	0	0	385
Biofuels (excluding Fuel Ethanol) ⁶	--	--	372	--	6	24	--	-17	99	23	297	217
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-163	--	--	--	--	--	-158	-5	--	0	2,689
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	12	370	34	-380	796	--	0	5,353
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	12	370	34	-380	796	--	0	5,353
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	22,057	194	-285	-240	-614	--	17	22,323	7,557
Finished Motor Gasoline	--	--	--	11,465	--	-361	-240	-42	--	0	10,905	1,041
Reformulated	--	--	--	--	--	--	--	1	--	--	-1	--
Conventional	--	--	--	11,465	--	-361	-240	-43	--	0	10,906	1,040
Finished Aviation Gasoline	--	--	--	8	--	--	--	1	--	--	7	9
Kerosene-Type Jet Fuel	--	--	--	1,132	20	691	--	26	--	0	1,817	740
Kerosene	--	--	--	--	--	--	--	0	--	--	0	2
Distillate Fuel Oil	--	--	-1	6,570	104	166	--	-171	--	--	7,011	3,718
15 ppm sulfur and under	--	--	-1	6,528	104	166	--	-129	--	--	6,927	3,546
Greater than 15 to 500 ppm sulfur	--	--	--	57	--	--	--	-26	--	--	83	138
Greater than 500 ppm sulfur	--	--	--	-15	--	--	--	-16	--	--	1	34
Residual Fuel Oil	--	--	--	325	17	--	--	-14	--	--	356	211
Less than 0.31 percent sulfur	--	--	--	163	--	--	--	1	--	NA	NA	29
0.31 to 1.00 percent sulfur	--	--	--	30	--	--	--	-17	--	NA	NA	20
Greater than 1.00 percent sulfur	--	--	--	132	17	--	--	2	--	NA	NA	162
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	13	-13	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	674	--	-313	--	-26	--	0	387	148
Marketable	--	--	--	467	--	-313	--	-26	--	0	180	148
Catalyst	--	--	--	207	--	--	--	--	--	--	207	--
Asphalt and Road Oil	--	--	--	1,004	53	-468	--	-389	--	3	975	1,665
Still Gas	--	--	--	740	--	--	--	--	--	--	740	--
Miscellaneous Products	--	--	--	139	--	--	--	1	--	--	138	23
Total	44,479	0	772	22,638	12,898	-35,101	-1,513	-1,596	21,766	53	23,950	46,946

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	26,589	324	--	--	12,003	-19,206	-725	717	18,268	--	0	23,471
Hydrocarbon Gas Liquids	15,403	-188	-9	399	317	-14,285	--	211	491	7	928	8,200
Natural Gas Liquids	15,403	-188	-9	293	317	-14,285	--	190	491	7	843	8,077
Ethane	4,091	--	--	--	--	-4,432	--	-147	--	--	-194	1,088
Propane	5,616	--	--	214	301	-4,884	--	186	--	1	1,060	2,912
Normal Butane	2,266	--	--	78	16	-2,029	--	91	153	0	87	2,823
Isobutane	1,011	--	--	1	--	-943	--	19	160	--	-110	434
Natural Gasoline	2,419	-188	-9	--	--	-1,997	--	41	178	6	0	820
Refinery Olefins	--	--	--	106	--	--	--	21	--	--	85	123
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	37	--	--	--	2	--	--	35	7
Normal Butylene	--	--	--	69	--	--	--	19	--	--	50	116
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-136	754	--	66	1,326	245	70	1,756	25	404	8,715
Hydrogen/Biofuels/Other Hydrocarbons	--	--	754	--	17	419	345	-103	1,219	15	404	500
Hydrogen	--	--	--	--	--	--	194	--	194	--	0	--
Biofuels (including Fuel Ethanol)	--	--	754	--	17	419	151	-103	1,025	15	404	500
Fuel Ethanol	--	--	395	--	--	377	151	-19	942	--	0	366
Biofuels (excluding Fuel Ethanol) ⁶	--	--	360	--	17	42	--	-84	83	15	404	134
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-136	--	--	--	--	--	149	-285	0	0	2,838
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	49	907	-100	24	822	10	0	5,377
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	49	907	-100	24	822	10	0	5,377
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	20,990	110	-467	-51	-353	--	13	20,921	7,204
Finished Motor Gasoline	--	--	--	10,864	--	-391	-51	-32	--	1	10,453	1,009
Reformulated	--	--	--	--	--	--	--	0	--	--	0	--
Conventional	--	--	--	10,864	--	-391	-51	-32	--	1	10,453	1,008
Finished Aviation Gasoline	--	--	--	4	2	--	--	-2	--	--	8	7
Kerosene-Type Jet Fuel	--	--	--	1,062	7	626	--	-90	--	0	1,785	650
Kerosene	--	--	--	--	--	--	--	-1	--	--	1	1
Distillate Fuel Oil	--	--	-1	6,139	50	-36	--	-78	--	--	6,231	3,640
15 ppm sulfur and under	--	--	-1	6,005	50	-36	--	-164	--	--	6,183	3,382
Greater than 15 to 500 ppm sulfur	--	--	--	77	--	--	--	29	--	--	48	167
Greater than 500 ppm sulfur	--	--	--	57	--	--	--	57	--	--	0	91
Residual Fuel Oil	--	--	--	337	1	--	--	-15	--	--	353	196
Less than 0.31 percent sulfur	--	--	--	186	--	--	--	0	--	NA	NA	29
0.31 to 1.00 percent sulfur	--	--	--	31	--	--	--	-13	--	NA	NA	7
Greater than 1.00 percent sulfur	--	--	--	120	1	--	--	-2	--	NA	NA	160
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	10	-10	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	610	--	-67	--	15	--	0	528	163
Marketable	--	--	--	409	--	-67	--	15	--	0	327	163
Catalyst	--	--	--	201	--	--	--	--	--	--	201	--
Asphalt and Road Oil	--	--	--	1,158	50	-599	--	-150	--	2	757	1,515
Still Gas	--	--	--	691	--	--	--	--	--	--	691	--
Miscellaneous Products	--	--	--	125	--	--	--	0	--	--	125	23
Total	41,992	0	745	21,389	12,496	-32,633	-531	645	20,515	45	22,254	47,590

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	27,954	397	--	--	12,893	-21,666	-857	38	18,683	--	0	23,509
Hydrocarbon Gas Liquids	17,004	-232	-11	195	368	-15,520	--	-472	618	11	1,648	7,728
Natural Gas Liquids	17,004	-232	-11	107	368	-15,520	--	-421	618	11	1,509	7,656
Ethane	5,342	--	--	--	--	-5,213	--	98	--	--	31	1,186
Propane	5,888	--	--	224	325	-5,109	--	31	--	0	1,297	2,943
Normal Butane	2,346	--	--	-121	42	-2,241	--	-513	243	1	296	2,310
Isobutane	1,031	--	--	4	--	-989	--	4	156	--	-114	438
Natural Gasoline	2,397	-232	-11	--	1	-1,968	--	-41	219	10	0	779
Refinery Olefins	--	--	--	88	--	--	--	-51	--	--	139	72
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	28	--	--	--	0	--	--	28	7
Normal Butylene	--	--	--	60	--	--	--	-51	--	--	111	65
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-165	626	--	33	1,150	103	398	1,230	14	105	9,112
Hydrogen/Biofuels/Other Hydrocarbons	--	--	626	--	10	426	261	52	1,154	12	105	551
Hydrogen	--	--	--	--	--	--	172	--	172	--	0	--
Biofuels (including Fuel Ethanol)	--	--	626	--	10	426	89	52	982	12	105	551
Fuel Ethanol	--	--	462	--	--	397	89	0	948	--	0	366
Biofuels (excluding Fuel Ethanol) ⁶	--	--	164	--	10	29	--	52	34	12	105	186
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-165	--	--	--	--	--	-98	-67	0	0	2,740
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	23	724	-158	444	143	2	0	5,821
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	23	724	-158	444	143	2	0	5,821
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	21,238	111	-373	69	-68	--	17	21,096	7,136
Finished Motor Gasoline	--	--	--	11,007	--	-410	69	173	--	--	10,493	1,182
Reformulated	--	--	--	--	--	--	--	0	--	--	0	--
Conventional	--	--	--	11,007	--	-410	69	173	--	--	10,493	1,181
Finished Aviation Gasoline	--	--	--	4	--	--	--	-1	--	--	5	6
Kerosene-Type Jet Fuel	--	--	--	1,105	--	775	--	114	--	--	1,766	764
Kerosene	--	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	0	6,224	26	169	--	-109	--	--	6,528	3,531
15 ppm sulfur and under	--	--	0	6,186	26	169	--	-53	--	--	6,434	3,329
Greater than 15 to 500 ppm sulfur	--	--	--	48	--	--	--	-45	--	--	93	122
Greater than 500 ppm sulfur	--	--	--	-10	--	--	--	-11	--	--	1	80
Residual Fuel Oil	--	--	--	324	10	--	--	-7	--	--	341	189
Less than 0.31 percent sulfur	--	--	--	178	--	--	--	-1	--	NA	NA	28
0.31 to 1.00 percent sulfur	--	--	--	23	--	--	--	-3	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	123	10	--	--	-3	--	NA	NA	157
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	15	-15	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	648	--	-378	--	-100	--	--	370	63
Marketable	--	--	--	421	--	-378	--	-100	--	--	143	63
Catalyst	--	--	--	227	--	--	--	--	--	--	227	--
Asphalt and Road Oil	--	--	--	1,166	75	-529	--	-132	--	2	843	1,383
Still Gas	--	--	--	628	--	--	--	--	--	--	628	--
Miscellaneous Products	--	--	--	132	--	--	--	-6	--	--	138	17
Total	44,958	0	615	21,433	13,405	-36,409	-685	-105	20,531	42	22,849	47,485

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	27,217	277	--	--	11,807	-19,864	-613	1,393	17,432	0	0	24,902
Hydrocarbon Gas Liquids	15,670	-172	-10	94	526	-15,006	--	-650	610	9	1,131	7,078
Natural Gas Liquids	15,670	-172	-10	24	526	-15,006	--	-676	610	9	1,087	6,980
Ethane	4,507	--	--	--	--	-4,963	--	-113	--	--	-343	1,073
Propane	5,740	--	--	192	497	-5,007	--	-152	--	0	1,574	2,791
Normal Butane	2,247	--	--	-149	29	-2,106	--	-435	327	2	127	1,875
Isobutane	988	--	--	-19	--	-1,105	--	0	134	--	-270	438
Natural Gasoline	2,188	-172	-10	--	--	-1,825	--	24	149	7	0	803
Refinery Olefins	--	--	--	70	--	--	--	26	--	--	44	98
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	47	--	--	--	0	--	--	47	7
Normal Butylene	--	--	--	23	--	--	--	26	--	--	-3	91
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-105	782	--	15	593	527	314	1,179	1	318	9,426
Hydrogen/Biofuels/Other Hydrocarbons	--	--	782	--	7	392	224	-26	1,114	--	318	525
Hydrogen	--	--	--	--	--	--	155	--	155	--	0	--
Biofuels (including Fuel Ethanol)	--	--	782	--	7	392	69	-26	959	--	318	525
Fuel Ethanol	--	--	435	--	--	361	69	-23	888	--	0	343
Biofuels (excluding Fuel Ethanol) ⁶	--	--	347	--	7	31	--	-4	71	--	318	182
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-105	--	--	--	--	--	6	-111	0	0	2,746
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	8	201	302	334	176	1	0	6,155
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	8	201	302	334	176	1	0	6,155
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	-1	19,869	146	-255	-372	416	--	16	18,955	7,552
Finished Motor Gasoline	--	--	--	10,385	--	-360	-372	-137	--	1	9,789	1,045
Reformulated	--	--	--	--	--	--	--	0	--	--	0	--
Conventional	--	--	--	10,385	--	-360	-372	-137	--	1	9,789	1,044
Finished Aviation Gasoline	--	--	--	6	--	--	--	3	--	--	3	9
Kerosene-Type Jet Fuel	--	--	--	974	--	368	--	116	--	--	1,226	880
Kerosene	--	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	--	-1	5,745	48	107	--	124	--	1	5,774	3,655
15 ppm sulfur and under	--	--	-1	5,739	48	107	--	154	--	--	5,739	3,483
Greater than 15 to 500 ppm sulfur	--	--	--	42	--	--	--	5	--	1	36	127
Greater than 500 ppm sulfur	--	--	--	-36	--	--	--	-35	--	--	-1	45
Residual Fuel Oil	--	--	--	319	5	--	--	5	--	--	319	194
Less than 0.31 percent sulfur	--	--	--	154	--	--	--	1	--	NA	NA	29
0.31 to 1.00 percent sulfur	--	--	--	28	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	137	5	--	--	4	--	NA	NA	161
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	12	-12	--
Waxes	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	573	--	27	--	13	--	--	587	76
Marketable	--	--	--	352	--	27	--	13	--	--	366	76
Catalyst	--	--	--	221	--	--	--	--	--	--	221	--
Asphalt and Road Oil	--	--	--	1,159	93	-397	--	286	--	1	567	1,669
Still Gas	--	--	--	597	--	--	--	--	--	--	597	--
Miscellaneous Products	--	--	--	111	--	--	--	6	--	--	105	23
Total	42,887	0	771	19,963	12,494	-34,532	-458	1,473	19,221	27	20,405	48,958

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	26,054	247	--	--	12,460	-19,999	-1,954	-481	17,289	--	0	24,421
Hydrocarbon Gas Liquids	13,493	-218	-9	99	958	-13,272	--	-961	627	9	1,376	6,117
Natural Gas Liquids	13,493	-218	-9	9	958	-13,272	--	-941	627	9	1,266	6,039
Ethane	3,678	--	--	--	--	-4,018	--	-37	--	--	-303	1,036
Propane	4,936	--	--	191	922	-4,549	--	-396	--	0	1,895	2,395
Normal Butane	2,039	--	--	-193	36	-2,174	--	-464	344	--	-172	1,411
Isobutane	862	--	--	11	--	-884	--	-13	156	--	-154	425
Natural Gasoline	1,978	-218	-9	--	--	-1,646	--	-31	127	9	0	772
Refinery Olefins	--	--	--	90	--	--	--	-20	--	--	110	78
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	46	--	--	--	3	--	--	43	10
Normal Butylene	--	--	--	44	--	--	--	-23	--	--	67	68
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-29	873	--	43	502	339	471	861	6	390	9,897
Hydrogen/Biofuels/Other Hydrocarbons	--	--	873	--	10	355	331	97	1,082	--	390	622
Hydrogen	--	--	--	--	--	--	154	--	154	--	0	--
Biofuels (including Fuel Ethanol)	--	--	873	--	10	355	177	97	928	--	390	622
Fuel Ethanol	--	--	409	--	--	318	177	41	863	--	0	384
Biofuels (excluding Fuel Ethanol) ⁶	--	--	465	--	10	37	--	56	65	--	390	238
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-29	--	--	--	--	--	249	-278	--	0	2,995
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	33	147	8	125	57	6	0	6,280
Reformulated	--	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	33	147	8	125	57	6	0	6,280
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	19,686	147	-408	-185	250	--	17	18,973	7,802
Finished Motor Gasoline	--	--	--	10,307	--	-438	-185	92	--	--	9,592	1,137
Reformulated	--	--	--	--	--	--	--	-1	--	--	1	--
Conventional	--	--	--	10,307	--	-438	-185	93	--	--	9,591	1,137
Finished Aviation Gasoline	--	--	--	3	1	--	--	0	--	--	4	9
Kerosene-Type Jet Fuel	--	--	--	1,057	--	491	--	-125	--	--	1,673	755
Kerosene	--	--	--	2	--	--	--	1	--	--	1	2
Distillate Fuel Oil	--	--	0	5,657	28	217	--	50	--	--	5,852	3,705
15 ppm sulfur and under	--	--	0	5,624	28	217	--	26	--	--	5,843	3,509
Greater than 15 to 500 ppm sulfur	--	--	--	30	--	--	--	21	--	--	9	148
Greater than 500 ppm sulfur	--	--	--	3	--	--	--	3	--	--	0	48
Residual Fuel Oil	--	--	--	341	10	--	--	16	--	--	335	210
Less than 0.31 percent sulfur	--	--	--	165	--	--	--	-3	--	NA	NA	26
0.31 to 1.00 percent sulfur	--	--	--	21	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	--	155	10	--	--	19	--	NA	NA	180
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	3	--	--	--	--	--	3	--
Lubricants	--	--	--	--	--	--	--	--	--	16	-16	--
Waxes	--	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	--	676	--	-220	--	21	--	--	435	97
Marketable	--	--	--	466	--	-220	--	21	--	--	225	97
Catalyst	--	--	--	210	--	--	--	--	--	--	210	--
Asphalt and Road Oil	--	--	--	903	105	-457	--	202	--	1	348	1,871
Still Gas	--	--	--	633	--	--	--	--	--	--	633	--
Miscellaneous Products	--	--	--	107	--	--	--	-7	--	--	114	16
Total	39,547	0	864	19,785	13,608	-33,176	-1,800	-721	18,777	32	20,739	48,238

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	827	9	--	--	383	-624	-26	-19	588	--	0
Hydrocarbon Gas Liquids	491	-6	0	5	20	-475	--	-29	21	2	41
Natural Gas Liquids	491	-6	0	1	20	-475	--	-31	21	2	39
Ethane	144	--	--	--	--	-162	--	0	--	0	-19
Propane	179	--	--	8	17	-162	--	-12	--	0	54
Normal Butane	70	--	--	-8	2	-61	--	-21	11	0	13
Isobutane	31	--	--	1	0	-34	--	1	6	--	-9
Natural Gasoline	68	-6	0	--	--	-57	--	0	4	2	0
Refinery Olefins	--	--	--	4	--	--	--	2	--	--	2
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	2	--	--	--	0	--	--	2
Normal Butylene	--	--	--	2	--	--	--	2	--	--	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-3	23	--	0	20	3	24	14	0	6
Hydrogen/Biofuels/Other Hydrocarbons	--	--	23	--	0	9	12	2	36	--	6
Hydrogen	--	--	--	--	--	--	8	--	8	--	0
Biofuels (including Fuel Ethanol)	--	--	23	--	0	9	4	2	28	--	6
Fuel Ethanol	--	--	15	--	0	8	4	1	26	--	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	8	--	--	0	--	1	2	--	6
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3	--	--	--	--	--	0	-3	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	11	-9	22	-19	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	0	11	-9	22	-19	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	647	9	-21	4	8	--	0	631
Finished Motor Gasoline	--	--	--	319	--	-15	4	3	--	0	306
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	319	--	-15	4	3	--	0	306
Finished Aviation Gasoline	--	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	32	2	24	--	5	--	--	52
Kerosene	--	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	201	5	-9	--	-12	--	0	209
15 ppm sulfur and under	--	--	0	200	5	-9	--	-12	--	0	208
Greater than 15 to 500 ppm sulfur	--	--	--	2	--	--	--	0	--	--	1
Greater than 500 ppm sulfur	--	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	10	--	--	--	0	--	--	10
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	2	--	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	3	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	22	--	-9	--	2	--	--	11
Marketable	--	--	--	15	--	-9	--	2	--	--	4
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	36	2	-12	--	9	--	0	16
Still Gas	--	--	--	22	--	--	--	--	--	--	22
Miscellaneous Products	--	--	--	5	--	--	--	0	--	--	5
Total	1,318	0	23	652	412	-1,101	-18	-16	622	2	677

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	841	9	--	--	398	-604	-60	11	572	--	0
Hydrocarbon Gas Liquids	523	-5	0	11	19	-508	--	-8	16	1	31
Natural Gas Liquids	523	-5	0	4	19	-508	--	-12	16	1	28
Ethane	168	--	--	--	--	-177	--	3	--	--	-13
Propane	183	--	--	7	18	-166	--	-12	--	0	54
Normal Butane	72	--	--	-4	1	-67	--	-1	7	0	-3
Isobutane	31	--	--	1	--	-38	--	-1	5	--	-11
Natural Gasoline	69	-5	0	--	--	-60	--	-2	4	1	0
Refinery Olefins	--	--	--	7	--	--	--	4	--	--	3
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	2	--	--	--	0	--	--	2
Normal Butylene	--	--	--	5	--	--	--	4	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-4	23	--	1	11	9	-20	53	0	7
Hydrogen/Biofuels/Other Hydrocarbons	--	--	23	--	0	8	14	-1	39	0	7
Hydrogen	--	--	--	--	--	--	8	--	8	--	0
Biofuels (including Fuel Ethanol)	--	--	23	--	0	8	6	-1	31	0	7
Fuel Ethanol	--	--	14	--	--	7	6	-1	28	0	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	9	--	0	1	--	0	2	0	7
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-4	--	--	--	--	--	0	-4	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1	4	-5	-19	18	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	1	4	-5	-19	18	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	657	11	-10	-1	7	--	0	650
Finished Motor Gasoline	--	--	--	333	--	-14	-1	-3	--	0	321
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	333	--	-14	-1	-3	--	0	321
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	32	0	18	--	-7	--	--	57
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	201	6	4	--	6	--	--	206
15 ppm sulfur and under	--	--	0	199	6	4	--	6	--	--	203
Greater than 15 to 500 ppm sulfur	--	--	--	2	--	--	--	-1	--	--	2
Greater than 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	0
Residual Fuel Oil	--	--	--	12	1	--	--	1	--	--	11
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	5	1	--	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	24	--	-5	--	0	--	--	19
Marketable	--	--	--	17	--	-5	--	0	--	--	12
Catalyst	--	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	--	28	4	-14	--	9	--	0	9
Still Gas	--	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products	--	--	--	5	--	--	--	0	--	--	4
Total	1,364	0	22	668	429	-1,111	-52	-10	642	2	687

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	860	12	--	--	436	-605	-85	53	564	--	0
Hydrocarbon Gas Liquids	569	-7	0	12	13	-520	--	-1	17	2	49
Natural Gas Liquids	569	-7	0	7	13	-520	--	1	17	2	43
Ethane	204	--	--	--	--	-197	--	8	--	--	-1
Propane	188	--	--	7	12	-167	--	-8	--	0	49
Normal Butane	75	--	--	0	1	-62	--	4	7	0	3
Isobutane	31	--	--	0	--	-35	--	-1	5	--	-8
Natural Gasoline	71	-7	0	--	--	-59	--	-1	4	2	0
Refinery Olefins	--	--	--	5	--	--	--	-2	--	--	6
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	3	--	--	--	-2	--	--	5
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-5	22	--	1	31	0	-9	52	0	6
Hydrogen/Biofuels/Other Hydrocarbons	--	--	22	--	0	11	12	0	38	0	6
Hydrogen	--	--	--	--	--	--	8	--	8	--	0
Biofuels (including Fuel Ethanol)	--	--	22	--	0	11	4	0	31	0	6
Fuel Ethanol	--	--	14	--	--	10	4	0	28	0	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	8	--	0	1	--	0	2	--	6
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5	--	--	--	--	--	-3	-2	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1	20	-12	-6	16	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	1	20	-12	-6	16	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	647	8	-18	8	-21	--	1	664
Finished Motor Gasoline	--	--	--	331	--	-12	8	-1	--	0	327
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	331	--	-12	8	-1	--	0	327
Finished Aviation Gasoline	--	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	32	1	22	--	-2	--	--	57
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	193	4	0	--	-21	--	--	217
15 ppm sulfur and under	--	--	0	190	4	0	--	-21	--	--	214
Greater than 15 to 500 ppm sulfur	--	--	--	4	--	--	--	0	--	--	3
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	11	--	--	--	-1	--	--	12
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	1	-1
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	24	--	-7	--	-4	--	--	21
Marketable	--	--	--	16	--	-7	--	-4	--	--	13
Catalyst	--	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	--	32	3	-21	--	8	--	0	6
Still Gas	--	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	--	4	--	--	--	0	--	--	5
Total	1,429	0	22	659	458	-1,112	-78	23	632	3	720

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	859	9	--	--	365	-684	-85	-84	549	--	0
Hydrocarbon Gas Liquids	545	-2	0	14	9	-508	--	6	16	2	32
Natural Gas Liquids	545	-2	0	10	9	-508	--	7	16	2	28
Ethane	180	--	--	--	--	-190	--	-9	--	0	-1
Propane	187	--	--	6	9	-162	--	6	--	0	34
Normal Butane	74	--	--	3	0	-61	--	7	6	1	4
Isobutane	32	--	--	0	--	-35	--	1	5	--	-10
Natural Gasoline	71	-2	0	--	--	-60	--	2	5	2	0
Refinery Olefins	--	--	--	4	--	--	--	-1	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	3	--	--	--	-1	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-7	23	--	4	35	15	15	52	0	4
Hydrogen/Biofuels/Other Hydrocarbons	--	--	23	--	0	13	10	4	39	0	4
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	23	--	0	13	3	4	32	0	4
Fuel Ethanol	--	--	14	--	--	13	3	1	29	0	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	9	--	0	1	--	3	3	0	4
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-7	--	--	1	--	--	14	-20	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	3	22	6	-3	33	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	3	22	6	-3	33	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	632	12	9	-8	1	--	0	643
Finished Motor Gasoline	--	--	--	336	1	-6	-8	-2	--	0	324
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	336	1	-6	-8	-2	--	0	324
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	33	1	22	--	2	--	--	54
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	184	7	11	--	3	--	0	199
15 ppm sulfur and under	--	--	0	180	7	11	--	2	--	0	197
Greater than 15 to 500 ppm sulfur	--	--	--	3	--	--	--	1	--	--	2
Greater than 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	0
Residual Fuel Oil	--	--	--	10	1	--	--	-1	--	--	12
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	1	--	--	-1	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	18	--	-9	--	-1	--	--	11
Marketable	--	--	--	12	--	-9	--	-1	--	--	5
Catalyst	--	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	--	27	3	-10	--	-1	--	0	20
Still Gas	--	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	--	4	--	--	--	0	--	--	4
Total	1,404	0	23	646	391	-1,149	-78	-62	617	3	679

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	865	13	--	--	336	-630	-27	82	474	0	0
Hydrocarbon Gas Liquids	554	-7	0	11	9	-502	--	19	13	2	30
Natural Gas Liquids	554	-7	0	8	9	-502	--	21	13	2	26
Ethane	188	--	--	--	--	-188	--	1	--	--	-2
Propane	186	--	--	5	8	-159	--	4	--	--	36
Normal Butane	74	--	--	5	0	-60	--	16	2	--	1
Isobutane	31	--	--	-2	--	-35	--	-1	6	--	-10
Natural Gasoline	75	-7	0	--	--	-61	--	0	5	2	0
Refinery Olefins	--	--	--	3	--	--	--	-2	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	1	--	--	--	-2	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-5	23	--	6	36	9	-50	112	1	7
Hydrogen/Biofuels/Other Hydrocarbons	--	--	23	--	1	15	8	0	38	1	7
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	23	--	1	15	1	0	32	1	7
Fuel Ethanol	--	--	14	--	--	14	1	0	30	--	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	9	--	1	0	--	0	2	1	7
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5	--	--	1	--	--	-2	-2	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	4	22	2	-48	75	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	4	22	2	-48	75	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	608	13	22	-3	-17	--	0	657
Finished Motor Gasoline	--	--	--	342	0	-7	-3	-10	--	0	342
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	342	0	-7	-3	-10	--	0	342
Finished Aviation Gasoline	--	--	--	--	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	33	2	22	--	3	--	--	55
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	164	9	21	--	-7	--	--	201
15 ppm sulfur and under	--	--	0	164	9	21	--	-6	--	--	199
Greater than 15 to 500 ppm sulfur	--	--	--	2	--	--	--	-1	--	--	2
Greater than 500 ppm sulfur	--	--	--	--	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	10	--	--	--	0	--	--	9
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	3	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	13	--	-2	--	0	--	--	11
Marketable	--	--	--	7	--	-2	--	0	--	--	5
Catalyst	--	--	--	6	--	--	--	--	--	--	6
Asphalt and Road Oil	--	--	--	26	2	-11	--	-2	--	0	19
Still Gas	--	--	--	17	--	--	--	--	--	--	17
Miscellaneous Products	--	--	--	3	--	--	--	0	--	--	3
Total	1,419	0	22	618	364	-1,074	-21	34	599	3	694

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	870	14	--	--	378	-680	-29	-54	607	--	0
Hydrocarbon Gas Liquids	556	-7	0	16	9	-504	--	10	14	2	44
Natural Gas Liquids	556	-7	0	12	9	-504	--	11	14	2	39
Ethane	190	--	--	--	--	-190	--	3	--	--	-3
Propane	185	--	--	7	9	-160	--	0	--	0	41
Normal Butane	73	--	--	6	--	-62	--	8	3	--	6
Isobutane	33	--	--	0	--	-30	--	1	6	--	-4
Natural Gasoline	76	-7	0	--	--	-62	--	0	5	2	0
Refinery Olefins	--	--	--	4	--	--	--	-1	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	3	--	--	--	-1	--	--	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-7	22	--	3	48	10	0	67	0	7
Hydrogen/Biofuels/Other Hydrocarbons	--	--	22	--	0	13	12	-1	40	0	7
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	22	--	0	13	5	-1	33	0	7
Fuel Ethanol	--	--	15	--	--	12	5	0	31	--	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	7	--	0	1	--	-2	2	0	7
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-7	--	--	--	--	--	-11	5	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2	35	-2	12	22	--	0
Reformulated	--	--	--	--	--	1	-1	--	--	--	--
Conventional	--	--	--	--	2	33	-1	12	22	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	699	13	5	-2	3	--	0	710
Finished Motor Gasoline	--	--	--	357	--	-12	-2	-2	--	0	344
Reformulated	--	--	--	--	--	--	1	--	--	--	1
Conventional	--	--	--	357	--	-12	-4	-2	--	0	343
Finished Aviation Gasoline	--	--	--	--	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	36	2	24	--	2	--	--	59
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	211	8	5	--	3	--	--	221
15 ppm sulfur and under	--	--	0	210	8	5	--	3	--	--	220
Greater than 15 to 500 ppm sulfur	--	--	--	1	--	--	--	-1	--	--	1
Greater than 500 ppm sulfur	--	--	--	1	0	--	--	1	--	--	0
Residual Fuel Oil	--	--	--	11	0	--	--	0	--	--	11
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	2	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	0	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	18	--	3	--	4	--	--	17
Marketable	--	--	--	11	--	3	--	4	--	--	10
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	41	3	-15	--	-3	--	0	33
Still Gas	--	--	--	21	--	--	--	--	--	--	21
Miscellaneous Products	--	--	--	3	--	--	--	0	--	--	3
Total	1,426	0	21	715	402	-1,131	-22	-41	688	3	761

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	868	10	--	--	407	-649	-19	-15	632	--	0
Hydrocarbon Gas Liquids	568	-5	0	19	10	-525	--	13	17	1	34
Natural Gas Liquids	568	-5	0	15	10	-525	--	13	17	1	30
Ethane	195	--	--	--	--	-201	--	-2	--	--	-4
Propane	186	--	--	8	10	-163	--	9	--	--	32
Normal Butane	74	--	--	7	--	-65	--	6	4	0	6
Isobutane	33	--	--	0	--	-31	--	0	7	--	-4
Natural Gasoline	79	-5	0	--	--	-65	--	1	7	1	0
Refinery Olefins	--	--	--	4	--	--	--	0	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	0	--	--	--	0	--	--	0
Normal Butylene	--	--	--	4	--	--	--	0	--	--	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-5	26	--	3	41	6	20	45	1	6
Hydrogen/Biofuels/Other Hydrocarbons	--	--	26	--	0	11	13	2	41	1	6
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	26	--	0	11	6	2	34	1	6
Fuel Ethanol	--	--	15	--	--	10	6	-1	32	--	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	11	--	0	1	--	3	2	1	6
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5	--	--	--	--	--	5	-10	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	3	30	-7	13	13	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	3	30	-7	13	13	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	703	11	-13	1	1	--	0	701
Finished Motor Gasoline	--	--	--	355	--	-9	1	-1	--	0	348
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	355	--	-9	1	-1	--	0	348
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	39	2	21	--	-3	--	0	66
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	213	7	-6	--	8	--	--	205
15 ppm sulfur and under	--	--	0	211	7	-6	--	8	--	--	203
Greater than 15 to 500 ppm sulfur	--	--	--	3	--	--	--	1	--	--	2
Greater than 500 ppm sulfur	--	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	11	0	--	--	1	--	--	11
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	2	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	0	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	22	--	-4	--	0	--	0	18
Marketable	--	--	--	15	--	-4	--	0	--	0	11
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	35	2	-15	--	-4	--	0	26
Still Gas	--	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products	--	--	--	4	--	--	--	0	--	0	4
Total	1,436	0	26	722	432	-1,145	-12	20	694	3	741

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	893	14	--	--	400	-660	-55	-29	619	--	0
Hydrocarbon Gas Liquids	542	-9	0	19	10	-488	--	15	15	0	43
Natural Gas Liquids	542	-9	0	14	10	-488	--	14	15	0	39
Ethane	163	--	--	--	--	-169	--	-5	--	--	-1
Propane	189	--	--	7	9	-159	--	9	--	0	37
Normal Butane	76	--	--	7	--	-64	--	10	4	--	4
Isobutane	34	--	--	0	1	-31	--	-1	5	--	-1
Natural Gasoline	81	-9	0	--	--	-64	--	2	6	0	0
Refinery Olefins	--	--	--	5	--	--	--	0	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	3	--	--	--	0	--	--	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-5	25	--	1	25	14	-18	68	1	10
Hydrogen/Biofuels/Other Hydrocarbons	--	--	25	--	0	13	13	0	42	1	10
Hydrogen	--	--	--	--	--	--	7	--	7	--	0
Biofuels (including Fuel Ethanol)	--	--	25	--	0	13	7	0	35	1	10
Fuel Ethanol	--	--	13	--	--	12	7	0	32	0	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	12	--	0	1	--	-1	3	1	10
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5	--	--	--	--	--	-5	0	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	12	1	-12	26	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	0	12	1	-12	26	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	712	6	-9	-8	-20	--	1	720
Finished Motor Gasoline	--	--	--	370	--	-12	-8	-1	--	0	352
Reformulated	--	--	--	--	--	--	--	0	--	--	0
Conventional	--	--	--	370	--	-12	-8	-1	--	0	352
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	37	1	22	--	1	--	0	59
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	212	3	5	--	-6	--	--	226
15 ppm sulfur and under	--	--	0	211	3	5	--	-4	--	--	223
Greater than 15 to 500 ppm sulfur	--	--	--	2	--	--	--	-1	--	--	3
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	10	1	--	--	0	--	--	11
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	1	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	22	--	-10	--	-1	--	0	12
Marketable	--	--	--	15	--	-10	--	-1	--	0	6
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	32	2	-15	--	-13	--	0	31
Still Gas	--	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	--	4	--	--	--	0	--	--	4
Total	1,435	0	25	730	416	-1,132	-49	-51	702	2	773

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	886	11	--	--	400	-640	-24	24	609	--	0
Hydrocarbon Gas Liquids	513	-6	0	13	11	-476	--	7	16	0	31
Natural Gas Liquids	513	-6	0	10	11	-476	--	6	16	0	28
Ethane	136	--	--	--	--	-148	--	-5	--	--	-6
Propane	187	--	--	7	10	-163	--	6	--	0	35
Normal Butane	76	--	--	3	1	-68	--	3	5	0	3
Isobutane	34	--	--	0	--	-31	--	1	5	--	-4
Natural Gasoline	81	-6	0	--	--	-67	--	1	6	0	0
Refinery Olefins	--	--	--	4	--	--	--	1	--	--	3
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	2	--	--	--	1	--	--	2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-5	25	--	2	44	8	2	59	1	13
Hydrogen/Biofuels/Other Hydrocarbons	--	--	25	--	1	14	12	-3	41	0	13
Hydrogen	--	--	--	--	--	--	6	--	6	--	0
Biofuels (including Fuel Ethanol)	--	--	25	--	1	14	5	-3	34	0	13
Fuel Ethanol	--	--	13	--	--	13	5	-1	31	--	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	12	--	1	1	--	-3	3	0	13
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5	--	--	--	--	--	5	-10	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2	30	-3	1	27	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	2	30	-3	1	27	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	700	4	-16	-2	-12	--	0	697
Finished Motor Gasoline	--	--	--	362	--	-13	-2	-1	--	0	348
Reformulated	--	--	--	--	--	--	--	0	--	--	0
Conventional	--	--	--	362	--	-13	-2	-1	--	0	348
Finished Aviation Gasoline	--	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	35	0	21	--	-3	--	0	59
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	205	2	-1	--	-3	--	--	208
15 ppm sulfur and under	--	--	0	200	2	-1	--	-5	--	--	206
Greater than 15 to 500 ppm sulfur	--	--	--	3	--	--	--	1	--	--	2
Greater than 500 ppm sulfur	--	--	--	2	--	--	--	2	--	--	0
Residual Fuel Oil	--	--	--	11	0	--	--	-1	--	--	12
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	0	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	20	--	-2	--	1	--	0	18
Marketable	--	--	--	14	--	-2	--	1	--	0	11
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	39	2	-20	--	-5	--	0	25
Still Gas	--	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products	--	--	--	4	--	--	--	0	--	--	4
Total	1,400	0	25	713	417	-1,088	-18	21	684	2	742

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	902	13	--	--	416	-699	-28	1	603	--	0
Hydrocarbon Gas Liquids	549	-7	0	6	12	-501	--	-15	20	0	53
Natural Gas Liquids	549	-7	0	3	12	-501	--	-14	20	0	49
Ethane	172	--	--	--	--	-168	--	3	--	--	1
Propane	190	--	--	7	10	-165	--	1	--	0	42
Normal Butane	76	--	--	-4	1	-72	--	-17	8	0	10
Isobutane	33	--	--	0	--	-32	--	0	5	--	-4
Natural Gasoline	77	-7	0	--	0	-63	--	-1	7	0	0
Refinery Olefins	--	--	--	3	--	--	--	-2	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	--	2	--	--	--	-2	--	--	4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-5	20	--	1	37	3	13	40	0	3
Hydrogen/Biofuels/Other Hydrocarbons	--	--	20	--	0	14	8	2	37	0	3
Hydrogen	--	--	--	--	--	--	6	--	6	--	0
Biofuels (including Fuel Ethanol)	--	--	20	--	0	14	3	2	32	0	3
Fuel Ethanol	--	--	15	--	--	13	3	0	31	--	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	5	--	0	1	--	2	1	0	3
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5	--	--	--	--	--	-3	-2	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1	23	-5	14	5	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	1	23	-5	14	5	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	685	4	-12	2	-2	--	1	681
Finished Motor Gasoline	--	--	--	355	--	-13	2	6	--	--	338
Reformulated	--	--	--	--	--	--	--	0	--	--	0
Conventional	--	--	--	355	--	-13	2	6	--	--	338
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	36	--	25	--	4	--	--	57
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	201	1	5	--	-4	--	--	211
15 ppm sulfur and under	--	--	0	200	1	5	--	-2	--	--	208
Greater than 15 to 500 ppm sulfur	--	--	--	2	--	--	--	-1	--	--	3
Greater than 500 ppm sulfur	--	--	0	--	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	--	10	0	--	--	0	--	--	11
Less than 0.31 percent sulfur	--	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	4	0	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	--	21	--	-12	--	-3	--	--	12
Marketable	--	--	--	14	--	-12	--	-3	--	--	5
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	38	2	-17	--	-4	--	0	27
Still Gas	--	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	--	4	--	--	--	0	--	--	4
Total	1,450	0	20	691	432	-1,174	-22	-3	662	1	737

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	907	9	--	--	394	-662	-20	46	581	0	0
Hydrocarbon Gas Liquids	522	-6	0	3	18	-500	--	-22	20	0	38
Natural Gas Liquids	522	-6	0	1	18	-500	--	-23	20	0	36
Ethane	150	--	--	--	--	-165	--	-4	--	--	-11
Propane	191	--	--	6	17	-167	--	-5	--	0	52
Normal Butane	75	--	--	-5	1	-70	--	-15	11	0	4
Isobutane	33	--	--	-1	--	-37	--	0	4	--	-9
Natural Gasoline	73	-6	0	--	--	-61	--	1	5	0	0
Refinery Olefins	--	--	--	2	--	--	--	1	--	--	1
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	2	--	--	--	0	--	--	2
Normal Butylene	--	--	--	1	--	--	--	1	--	--	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-3	26	--	1	20	18	10	39	0	11
Hydrogen/Biofuels/Other Hydrocarbons	--	--	26	--	0	13	7	-1	37	--	11
Hydrogen	--	--	--	--	--	--	5	--	5	--	0
Biofuels (including Fuel Ethanol)	--	--	26	--	0	13	2	-1	32	--	11
Fuel Ethanol	--	--	14	--	--	12	2	-1	30	--	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	12	--	0	1	--	0	2	--	11
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3	--	--	--	--	--	0	-4	0	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	0	7	10	11	6	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	--	0	7	10	11	6	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	0	662	5	-9	-12	14	--	1	632
Finished Motor Gasoline	--	--	--	346	--	-12	-12	-5	--	0	326
Reformulated	--	--	--	--	--	--	--	0	--	--	0
Conventional	--	--	--	346	--	-12	-12	-5	--	0	326
Finished Aviation Gasoline	--	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	--	32	--	12	--	4	--	--	41
Kerosene	--	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	192	2	4	--	4	--	0	192
15 ppm sulfur and under	--	--	0	191	2	4	--	5	--	--	191
Greater than 15 to 500 ppm sulfur	--	--	--	1	--	--	--	0	--	0	1
Greater than 500 ppm sulfur	--	--	--	-1	--	--	--	-1	--	--	0
Residual Fuel Oil	--	--	--	11	0	--	--	0	--	--	11
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	5	0	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	--	19	--	1	--	0	--	--	20
Marketable	--	--	--	12	--	1	--	0	--	--	12
Catalyst	--	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	--	39	3	-13	--	10	--	0	19
Still Gas	--	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	--	4	--	--	--	0	--	--	4
Total	1,430	0	26	665	416	-1,151	-15	49	641	1	680

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition				
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	840	8	--	--	402	-645	-63	-16	558	--	0	
Hydrocarbon Gas Liquids	435	-7	0	3	31	-428	--	-31	20	0	44	
Natural Gas Liquids	435	-7	0	0	31	-428	--	-30	20	0	41	
Ethane	119	--	--	--	--	-130	--	-1	--	--	-10	
Propane	159	--	--	6	30	-147	--	-13	--	0	61	
Normal Butane	66	--	--	-6	1	-70	--	-15	11	--	-6	
Isobutane	28	--	--	0	--	-29	--	0	5	--	-5	
Natural Gasoline	64	-7	0	--	--	-53	--	-1	4	0	0	
Refinery Olefins	--	--	--	3	--	--	--	-1	--	--	4	
Ethylene	--	--	--	--	--	--	--	--	--	--	--	
Propylene	--	--	--	1	--	--	--	0	--	--	1	
Normal Butylene	--	--	--	1	--	--	--	-1	--	--	2	
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	
Other Liquids	--	-1	28	--	1	16	11	15	28	0	13	
Hydrogen/Biofuels/Other Hydrocarbons	--	--	28	--	0	11	11	3	35	--	13	
Hydrogen	--	--	--	--	--	--	5	--	5	--	0	
Biofuels (including Fuel Ethanol)	--	--	28	--	0	11	6	3	30	--	13	
Fuel Ethanol	--	--	13	--	--	10	6	1	28	--	0	
Biofuels (excluding Fuel Ethanol) ⁶	--	--	15	--	0	1	--	2	2	--	13	
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	
Unfinished Oils	--	-1	--	--	--	--	--	8	-9	--	0	
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	1	5	0	4	2	0	0	
Reformulated	--	--	--	--	--	--	--	--	--	--	--	
Conventional	--	--	--	--	1	5	0	4	2	0	0	
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	
Finished Petroleum Products	--	--	0	635	5	-13	-6	8	--	1	612	
Finished Motor Gasoline	--	--	--	332	--	-14	-6	3	--	--	309	
Reformulated	--	--	--	--	--	--	--	0	--	--	0	
Conventional	--	--	--	332	--	-14	-6	3	--	--	309	
Finished Aviation Gasoline	--	--	--	0	0	--	--	0	--	--	0	
Kerosene-Type Jet Fuel	--	--	--	34	--	16	--	-4	--	--	54	
Kerosene	--	--	--	0	--	--	--	0	--	--	0	
Distillate Fuel Oil	--	--	0	182	1	7	--	2	--	--	189	
15 ppm sulfur and under	--	--	0	181	1	7	--	1	--	--	188	
Greater than 15 to 500 ppm sulfur	--	--	--	1	--	--	--	1	--	--	0	
Greater than 500 ppm sulfur	--	--	--	0	--	--	--	0	--	--	0	
Residual Fuel Oil	--	--	--	11	0	--	--	1	--	--	11	
Less than 0.31 percent sulfur	--	--	--	5	--	--	--	0	--	NA	NA	
0.31 to 1.00 percent sulfur	--	--	--	1	--	--	--	0	--	NA	NA	
Greater than 1.00 percent sulfur	--	--	--	5	0	--	--	1	--	NA	NA	
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	
Special Naphthas	--	--	--	--	0	--	--	--	--	--	0	
Lubricants	--	--	--	--	--	--	--	--	--	1	-1	
Waxes	--	--	--	--	--	--	--	--	--	0	0	
Petroleum Coke	--	--	--	22	--	-7	--	1	--	--	14	
Marketable	--	--	--	15	--	-7	--	1	--	--	7	
Catalyst	--	--	--	7	--	--	--	--	--	--	7	
Asphalt and Road Oil	--	--	--	29	3	-15	--	7	--	0	11	
Still Gas	--	--	--	20	--	--	--	--	--	--	20	
Miscellaneous Products	--	--	--	3	--	--	--	0	--	--	4	
Total	1,276	0	28	638	439	-1,070	-58	-23	606	1	669	

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	25,021	2,267	--	--	36,130	1,837	2,851	4,448	63,658	--	0	51,196
Hydrocarbon Gas Liquids	2,224	-1,842	-6	191	1,490	1,781	--	-513	1,212	919	2,221	3,095
Natural Gas Liquids	2,224	-1,842	-6	-65	1,490	1,781	--	-497	1,212	919	1,949	3,061
Ethane	--	--	--	--	--	--	--	--	--	0	0	--
Propane	244	-23	--	859	791	613	--	-606	--	551	2,539	1,064
Normal Butane	603	-513	--	-1,027	699	1,031	--	114	769	355	-445	1,627
Isobutane	248	-201	--	103	--	138	--	5	426	1	-145	339
Natural Gasoline	1,129	-1,105	-6	--	--	--	--	-10	17	11	0	31
Refinery Olefins	--	--	--	256	--	--	--	-16	--	--	272	34
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	225	--	--	--	-1	--	--	226	15
Normal Butylene	--	--	--	31	--	--	--	-15	--	--	46	19
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-426	1,000	--	1,843	7,933	2,422	2,844	9,028	221	681	54,344
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,000	--	909	3,442	2,700	859	6,343	169	681	5,851
Hydrogen	--	--	--	--	--	--	1,444	--	1,444	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,000	--	909	3,442	1,256	859	4,899	169	681	5,851
Fuel Ethanol	--	--	261	--	250	3,096	1,256	563	4,160	140	0	2,921
Biofuels (excluding Fuel Ethanol) ⁶	--	--	739	--	659	346	--	295	739	29	681	2,930
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-426	--	--	783	--	--	-513	843	27	0	18,420
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	151	4,491	-278	2,498	1,842	24	0	30,073
Reformulated	--	--	0	--	--	1,689	85	1,579	194	1	0	15,410
Conventional	--	--	--	--	151	2,802	-363	919	1,648	23	0	14,663
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	39	78,161	5,153	2,169	-978	3,227	--	6,461	74,855	35,180
Finished Motor Gasoline	--	--	30	41,050	947	83	-978	-36	--	683	40,486	2,109
Reformulated	--	--	--	28,701	--	--	-76	-2	--	--	28,627	14
Conventional	--	--	30	12,349	947	83	-903	-34	--	683	11,858	2,095
Finished Aviation Gasoline	--	--	--	4	1	--	--	-17	--	--	22	299
Kerosene-Type Jet Fuel	--	--	10	12,352	2,967	261	--	2,032	--	397	13,161	10,098
Kerosene	--	--	--	18	--	--	--	-17	--	2	33	18
Distillate Fuel Oil	--	--	-1	13,404	663	1,459	--	373	--	1,564	13,588	12,800
15 ppm sulfur and under	--	--	-1	12,533	348	1,459	--	228	--	963	13,149	11,852
Greater than 15 to 500 ppm sulfur	--	--	--	422	315	--	--	70	--	50	617	337
Greater than 500 ppm sulfur	--	--	--	449	--	--	--	75	--	551	-177	611
Residual Fuel Oil	--	--	--	3,280	297	--	--	651	--	484	2,442	5,001
Less than 0.31 percent sulfur	--	--	--	42	--	--	--	-66	--	NA	NA	1,023
0.31 to 1.00 percent sulfur	--	--	--	918	133	--	--	273	--	NA	NA	708
Greater than 1.00 percent sulfur	--	--	--	2,320	164	--	--	444	--	NA	NA	3,270
Petrochemical Feedstocks	--	--	--	--	69	--	--	-2	--	--	71	--
Naphtha for Petro. Feed. Use	--	--	--	--	69	--	--	-2	--	--	71	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	47	32	--	--	28	--	--	51	46
Lubricants	--	--	--	660	110	--	--	162	--	268	340	1,111
Waxes	--	--	--	--	44	--	--	--	--	4	40	--
Petroleum Coke	--	--	--	3,321	--	-17	--	-55	--	3,030	329	1,280
Marketable	--	--	--	2,519	--	--	--	-55	--	3,030	-473	1,280
Catalyst	--	--	--	802	--	--	--	--	--	--	802	--
Asphalt and Road Oil	--	--	--	592	23	383	--	113	--	30	855	2,335
Still Gas	--	--	--	3,046	--	--	--	--	--	--	3,046	--
Miscellaneous Products	--	--	--	387	--	--	--	-4	--	0	391	83
Total	27,245	0	1,033	78,352	44,616	13,720	4,295	10,006	73,898	7,600	77,757	143,815

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Supply Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,032	2,600	--	--	31,579	1,705	-539	-1,556	59,329	603	0	49,640
Hydrocarbon Gas Liquids	1,858	-1,625	-6	670	1,359	1,459	--	-103	762	1,912	1,144	2,991
Natural Gas Liquids	1,858	-1,625	-6	521	1,359	1,459	--	-139	762	1,912	1,031	2,921
Ethane	1	--	--	--	--	--	--	--	--	--	1	--
Propane	99	-19	--	856	813	532	--	-322	--	843	1,761	742
Normal Butane	509	-470	--	-479	546	666	--	89	332	1,023	-672	1,716
Isobutane	228	-184	--	144	--	261	--	91	415	2	-58	430
Natural Gasoline	1,021	-952	-6	--	--	--	--	3	15	45	0	33
Refinery Olefins	--	--	--	149	--	--	--	36	--	--	113	70
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	181	--	--	--	1	--	--	180	16
Normal Butylene	--	--	--	-32	--	--	--	35	--	--	-67	54
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-975	912	--	1,774	8,742	-741	-1,825	10,396	373	767	52,520
Hydrogen/Biofuels/Other Hydrocarbons	--	--	912	--	395	4,421	1,217	-3	5,905	276	767	5,848
Hydrogen	--	--	--	--	--	--	1,113	--	1,113	--	0	--
Biofuels (including Fuel Ethanol)	--	--	912	--	395	4,421	104	-3	4,792	276	767	5,848
Fuel Ethanol	--	--	235	--	--	3,902	104	-150	4,147	244	0	2,771
Biofuels (excluding Fuel Ethanol) ⁶	--	--	677	--	395	519	--	146	645	32	767	3,077
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-975	--	--	822	--	--	344	-534	37	0	18,764
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	557	4,321	-1,958	-2,165	5,025	60	0	27,908
Reformulated	--	--	0	--	--	1,593	-161	-2,055	3,485	2	0	13,355
Conventional	--	--	--	--	557	2,728	-1,797	-110	1,540	58	0	14,553
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	32	74,376	3,636	1,689	1,854	-1,158	--	7,011	75,733	34,022
Finished Motor Gasoline	--	--	26	41,516	727	68	1,854	131	--	1,624	42,436	2,240
Reformulated	--	--	--	28,670	--	--	696	0	--	--	29,366	14
Conventional	--	--	26	12,846	727	68	1,158	131	--	1,624	13,069	2,226
Finished Aviation Gasoline	--	--	--	52	--	--	--	-30	--	--	82	269
Kerosene-Type Jet Fuel	--	--	7	10,312	2,145	125	--	-267	--	415	12,442	9,831
Kerosene	--	--	--	8	--	--	--	-6	--	1	13	12
Distillate Fuel Oil	--	--	-1	12,595	505	1,067	--	-550	--	1,358	13,358	12,250
15 ppm sulfur and under	--	--	-1	11,927	505	1,067	--	-511	--	519	13,490	11,341
Greater than 15 to 500 ppm sulfur	--	--	--	286	--	--	--	-25	--	43	268	312
Greater than 500 ppm sulfur	--	--	--	382	--	--	--	-14	--	795	-399	597
Residual Fuel Oil	--	--	--	2,207	177	--	--	-235	--	801	1,818	4,766
Less than 0.31 percent sulfur	--	--	--	--	--	--	--	-409	--	NA	NA	614
0.31 to 1.00 percent sulfur	--	--	--	215	70	--	--	-229	--	NA	NA	479
Greater than 1.00 percent sulfur	--	--	--	1,992	107	--	--	403	--	NA	NA	3,673
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	27	36	--	--	-20	--	--	83	26
Lubricants	--	--	--	479	5	--	--	-48	--	114	418	1,063
Waxes	--	--	--	--	34	--	--	--	--	4	30	--
Petroleum Coke	--	--	--	3,436	--	6	--	-47	--	2,666	823	1,233
Marketable	--	--	--	2,648	--	--	--	-47	--	2,666	35	1,233
Catalyst	--	--	--	788	--	--	--	--	--	--	788	--
Asphalt and Road Oil	--	--	--	354	7	423	--	-92	--	30	846	2,243
Still Gas	--	--	--	3,032	--	--	--	--	--	--	3,032	--
Miscellaneous Products	--	--	--	358	--	--	--	6	--	0	352	89
Total	24,890	0	938	75,046	38,348	13,595	574	-4,642	70,487	9,900	77,644	139,173

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Supply Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	25,015	4,121	--	--	36,752	2,857	173	-2,843	70,816	945	0	46,797
Hydrocarbon Gas Liquids	2,337	-1,818	-6	1,773	1,693	899	--	-373	418	2,087	2,746	2,619
Natural Gas Liquids	2,337	-1,818	-6	1,597	1,693	899	--	-345	418	2,087	2,542	2,577
Ethane	1	--	--	--	--	--	--	--	--	2	-1	--
Propane	254	-29	--	988	951	428	--	-206	--	1,046	1,752	536
Normal Butane	603	-503	--	548	742	272	--	-154	112	1,026	677	1,562
Isobutane	347	-197	--	61	--	199	--	9	286	2	113	439
Natural Gasoline	1,132	-1,089	-6	--	--	--	--	6	20	11	0	40
Refinery Olefins	--	--	--	176	--	--	--	-28	--	--	204	42
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	192	--	--	--	-4	--	--	196	12
Normal Butylene	--	--	--	-16	--	--	--	-24	--	--	8	30
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-2,302	987	--	5,240	9,296	-206	1,224	9,696	509	1,585	53,744
Hydrogen/Biofuels/Other Hydrocarbons	--	--	988	--	587	4,685	1,783	-370	6,618	209	1,585	5,478
Hydrogen	--	--	--	--	--	--	1,241	--	1,241	--	0	--
Biofuels (including Fuel Ethanol)	--	--	988	--	587	4,685	542	-370	5,377	209	1,585	5,478
Fuel Ethanol	--	--	209	--	--	3,853	542	-155	4,593	165	0	2,616
Biofuels (excluding Fuel Ethanol) ⁶	--	--	779	--	587	832	--	-215	784	44	1,585	2,862
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-2,302	--	--	2,696	--	--	1,423	-1,240	211	0	20,187
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	1,957	4,611	-1,989	171	4,318	90	0	28,079
Reformulated	--	--	0	--	427	1,899	665	-121	3,111	1	0	13,234
Conventional	--	--	--	--	1,530	2,712	-2,654	292	1,207	89	0	14,845
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	51	84,561	3,882	2,181	1,447	-1,576	--	8,728	84,970	32,446
Finished Motor Gasoline	--	--	44	44,807	400	96	1,447	-390	--	700	46,486	1,850
Reformulated	--	--	--	31,680	--	--	121	12	--	--	31,789	26
Conventional	--	--	44	13,127	400	96	1,327	-402	--	700	14,697	1,824
Finished Aviation Gasoline	--	--	--	1	--	--	--	-33	--	--	34	236
Kerosene-Type Jet Fuel	--	--	7	10,961	2,419	174	--	-1,470	--	730	14,301	8,361
Kerosene	--	--	--	14	--	--	--	1	--	2	11	13
Distillate Fuel Oil	--	--	-1	16,283	647	1,407	--	1,030	--	2,828	14,478	13,280
15 ppm sulfur and under	--	--	-1	15,318	331	1,407	--	808	--	1,617	14,630	12,149
Greater than 15 to 500 ppm sulfur	--	--	--	388	316	--	--	57	--	483	164	369
Greater than 500 ppm sulfur	--	--	--	577	--	--	--	165	--	728	-316	762
Residual Fuel Oil	--	--	--	3,408	242	--	--	-734	--	1,067	3,317	4,032
Less than 0.31 percent sulfur	--	--	--	74	--	--	--	251	--	NA	NA	865
0.31 to 1.00 percent sulfur	--	--	--	713	94	--	--	-41	--	NA	NA	438
Greater than 1.00 percent sulfur	--	--	--	2,621	148	--	--	-944	--	NA	NA	2,729
Petrochemical Feedstocks	--	--	--	--	30	--	--	--	--	--	30	--
Naphtha for Petro. Feed. Use	--	--	--	--	30	--	--	--	--	--	30	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	74	16	--	--	34	--	--	56	60
Lubricants	--	--	--	333	1	-96	--	-163	--	574	-173	900
Waxes	--	--	--	--	19	--	--	--	--	3	16	--
Petroleum Coke	--	--	--	3,912	--	-56	--	24	--	2,783	1,049	1,257
Marketable	--	--	--	2,985	--	--	--	24	--	2,783	122	1,257
Catalyst	--	--	--	927	--	--	--	--	--	--	927	--
Asphalt and Road Oil	--	--	--	754	108	656	--	139	--	41	1,338	2,382
Still Gas	--	--	--	3,613	--	--	--	--	--	--	3,613	--
Miscellaneous Products	--	--	--	401	--	--	--	-14	--	0	415	75
Total	27,352	0	1,033	86,334	47,567	15,232	1,414	-3,568	80,930	12,269	89,301	135,605

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	24,294	1,661	--	--	35,475	3,081	-443	1,602	62,466	--	0	48,399
Hydrocarbon Gas Liquids	2,344	-1,736	-6	1,933	1,218	566	--	56	540	1,641	2,083	2,674
Natural Gas Liquids	2,344	-1,736	-6	1,830	1,218	566	--	75	540	1,641	1,961	2,651
Ethane	1	--	--	--	--	--	--	--	--	0	1	--
Propane	282	-29	--	1,066	740	312	--	13	--	757	1,601	549
Normal Butane	593	-479	--	747	478	205	--	84	102	859	500	1,646
Isobutane	386	-188	--	17	--	49	--	-20	423	1	-141	419
Natural Gasoline	1,082	-1,040	-6	--	--	--	--	-2	15	23	0	37
Refinery Olefins	--	--	--	103	--	--	--	-19	--	--	122	23
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	112	--	--	--	-1	--	--	113	11
Normal Butylene	--	--	--	-9	--	--	--	-18	--	--	9	12
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	75	1,012	--	5,500	10,113	-169	-1,019	15,233	735	1,582	52,725
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,012	--	468	5,670	718	-700	6,560	425	1,582	4,778
Hydrogen	--	--	--	--	--	--	1,355	--	1,355	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,012	--	468	5,670	-637	-700	5,205	425	1,582	4,778
Fuel Ethanol	--	--	207	--	--	4,819	-637	-444	4,463	369	0	2,172
Biofuels (excluding Fuel Ethanol) ⁶	--	--	805	--	468	851	--	-256	742	56	1,582	2,606
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	75	--	--	2,744	--	--	-843	3,634	28	0	19,344
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	2,288	4,443	-886	524	5,039	282	0	28,603
Reformulated	--	--	--	--	552	1,913	420	795	2,088	2	0	14,029
Conventional	--	--	--	--	1,736	2,530	-1,307	-271	2,951	279	0	14,574
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	69	81,123	5,054	2,301	1,524	1,622	--	7,587	80,861	34,067
Finished Motor Gasoline	--	--	60	43,859	1,053	108	1,524	187	--	1,112	45,305	2,037
Reformulated	--	--	--	30,433	--	--	26	-1	--	--	30,460	25
Conventional	--	--	60	13,426	1,053	108	1,498	188	--	1,112	14,845	2,012
Finished Aviation Gasoline	--	--	--	-1	--	--	--	31	--	--	-32	267
Kerosene-Type Jet Fuel	--	--	10	12,320	2,376	371	--	1,079	--	606	13,392	9,440
Kerosene	--	--	--	8	--	--	--	-5	--	2	11	8
Distillate Fuel Oil	--	--	-1	13,941	685	1,313	--	-739	--	1,373	15,305	12,541
15 ppm sulfur and under	--	--	-1	13,030	684	1,313	--	-646	--	881	14,791	11,503
Greater than 15 to 500 ppm sulfur	--	--	--	377	--	--	--	38	--	335	4	407
Greater than 500 ppm sulfur	--	--	--	534	1	--	--	-131	--	157	509	631
Residual Fuel Oil	--	--	--	2,327	771	--	--	810	--	575	1,713	4,842
Less than 0.31 percent sulfur	--	--	--	46	--	--	--	170	--	NA	NA	1,035
0.31 to 1.00 percent sulfur	--	--	--	694	697	--	--	137	--	NA	NA	575
Greater than 1.00 percent sulfur	--	--	--	1,587	74	--	--	503	--	NA	NA	3,232
Petrochemical Feedstocks	--	--	--	--	28	--	--	--	--	--	28	--
Naphtha for Petro. Feed. Use	--	--	--	--	28	--	--	--	--	--	28	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	31	27	--	--	-44	--	--	102	16
Lubricants	--	--	--	150	12	-96	--	-93	--	106	53	807
Waxes	--	--	--	--	48	--	--	--	--	4	44	--
Petroleum Coke	--	--	--	3,929	--	-13	--	226	--	3,781	-91	1,483
Marketable	--	--	--	3,002	--	--	--	226	--	3,781	-1,018	1,483
Catalyst	--	--	--	927	--	--	--	--	--	--	927	--
Asphalt and Road Oil	--	--	--	869	54	618	--	168	--	30	1,343	2,550
Still Gas	--	--	--	3,300	--	--	--	--	--	--	3,300	--
Miscellaneous Products	--	--	--	390	--	--	--	2	--	0	388	77
Total	26,638	0	1,075	83,056	47,247	16,060	912	2,261	78,239	9,963	84,525	137,866

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	24,327	1,918	--	--	31,705	1,460	7,270	-1,909	68,588	--	0	46,490
Hydrocarbon Gas Liquids	2,334	-1,671	-6	2,320	1,196	561	--	165	568	2,043	1,958	2,839
Natural Gas Liquids	2,334	-1,671	-6	2,129	1,196	561	--	166	568	2,043	1,766	2,817
Ethane	1	--	--	--	--	--	--	--	--	0	1	--
Propane	274	-27	--	1,053	580	309	--	219	--	640	1,330	768
Normal Butane	653	-470	--	982	616	97	--	-22	22	1,352	527	1,624
Isobutane	345	-185	--	94	--	155	--	-29	529	--	-91	390
Natural Gasoline	1,061	-989	-6	--	--	--	--	-2	17	52	0	35
Refinery Olefins	--	--	--	191	--	--	--	-1	--	--	192	22
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	200	--	--	--	0	--	--	200	11
Normal Butylene	--	--	--	-9	--	--	--	-1	--	--	-8	11
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-247	1,087	--	5,685	9,552	-153	2,661	11,675	441	1,147	55,386
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,087	--	963	4,956	1,851	523	6,857	330	1,147	5,301
Hydrogen	--	--	--	--	--	--	1,531	--	1,531	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,087	--	963	4,956	320	523	5,326	330	1,147	5,301
Fuel Ethanol	--	--	226	--	250	4,097	320	46	4,621	226	0	2,218
Biofuels (excluding Fuel Ethanol) ⁶	--	--	861	--	713	859	--	477	705	103	1,147	3,083
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-247	--	--	2,496	--	--	1,537	686	26	0	20,881
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	2,226	4,596	-2,004	601	4,132	85	0	29,204
Reformulated	--	--	0	--	310	2,051	249	92	2,515	3	0	14,121
Conventional	--	--	--	--	1,916	2,545	-2,253	509	1,617	82	0	15,083
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	74	85,106	5,740	2,170	1,684	638	--	8,264	85,872	34,705
Finished Motor Gasoline	--	--	70	45,401	1,110	79	1,684	16	--	900	47,428	2,053
Reformulated	--	--	--	31,684	--	--	333	2	--	--	32,015	27
Conventional	--	--	70	13,717	1,110	79	1,351	14	--	900	15,413	2,026
Finished Aviation Gasoline	--	--	--	81	--	--	--	43	--	--	38	310
Kerosene-Type Jet Fuel	--	--	5	12,821	3,191	275	--	836	--	728	14,728	10,276
Kerosene	--	--	--	4	--	--	--	-1	--	1	4	7
Distillate Fuel Oil	--	--	-1	14,786	1,088	1,301	--	-455	--	2,774	14,855	12,086
15 ppm sulfur and under	--	--	-1	13,949	773	1,301	--	-397	--	1,900	14,519	11,106
Greater than 15 to 500 ppm sulfur	--	--	--	253	315	--	--	-108	--	329	347	299
Greater than 500 ppm sulfur	--	--	--	584	--	--	--	50	--	545	-11	681
Residual Fuel Oil	--	--	--	2,276	149	--	--	-5	--	557	1,873	4,837
Less than 0.31 percent sulfur	--	--	--	30	--	--	--	-255	--	NA	NA	780
0.31 to 1.00 percent sulfur	--	--	--	427	--	--	--	-54	--	NA	NA	521
Greater than 1.00 percent sulfur	--	--	--	1,819	149	--	--	304	--	NA	NA	3,536
Petrochemical Feedstocks	--	--	--	--	35	--	--	--	--	21	14	--
Naphtha for Petro. Feed. Use	--	--	--	--	35	--	--	--	--	--	35	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	21	-21	--
Special Naphthas	--	--	--	44	19	--	--	33	--	--	30	49
Lubricants	--	--	--	494	47	-20	--	169	--	243	109	976
Waxes	--	--	--	--	25	--	--	--	--	5	20	--
Petroleum Coke	--	--	--	4,220	--	-50	--	28	--	3,004	1,139	1,511
Marketable	--	--	--	3,269	--	--	--	28	--	3,004	188	1,511
Catalyst	--	--	--	951	--	--	--	--	--	--	951	--
Asphalt and Road Oil	--	--	--	909	76	584	--	-27	--	31	1,565	2,523
Still Gas	--	--	--	3,704	--	--	--	--	--	--	3,704	--
Miscellaneous Products	--	--	--	366	--	--	--	1	--	0	365	78
Total	26,661	0	1,155	87,426	44,326	13,742	8,801	1,554	80,831	10,748	88,978	139,420

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Supply Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	22,691	1,474	--	--	38,668	4,104	-848	-167	66,257	--	0	46,323
Hydrocarbon Gas Liquids	2,030	-1,391	-5	2,553	1,237	628	--	434	496	1,397	2,725	3,273
Natural Gas Liquids	2,030	-1,391	-5	2,438	1,237	628	--	401	496	1,397	2,643	3,218
Ethane	1	--	--	--	--	--	--	--	--	2	-1	--
Propane	268	-21	--	980	793	319	--	155	--	657	1,527	923
Normal Butane	524	-382	--	1,424	444	211	--	202	16	713	1,290	1,826
Isobutane	345	-150	--	34	--	99	--	39	461	0	-172	429
Natural Gasoline	892	-838	-5	--	--	--	--	5	19	25	0	40
Refinery Olefins	--	--	--	115	--	--	--	33	--	--	82	55
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	165	--	--	--	-1	--	--	166	10
Normal Butylene	--	--	--	-50	--	--	--	34	--	--	-84	45
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-84	1,016	--	3,179	9,428	11	-1,716	12,881	530	1,856	53,670
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,016	--	718	5,051	1,993	-168	6,686	405	1,856	5,133
Hydrogen	--	--	--	--	--	--	1,463	--	1,463	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,016	--	718	5,051	530	-168	5,223	405	1,856	5,133
Fuel Ethanol	--	--	228	--	--	4,159	530	230	4,456	231	0	2,448
Biofuels (excluding Fuel Ethanol) ⁶	--	--	788	--	718	892	--	-398	767	173	1,856	2,685
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-84	--	--	2,000	--	--	-667	2,568	15	0	20,214
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	461	4,377	-1,982	-881	3,627	110	0	28,323
Reformulated	--	--	0	--	--	1,888	259	-131	2,278	--	0	13,990
Conventional	--	--	--	--	461	2,489	-2,241	-750	1,349	110	0	14,333
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	46	81,944	4,959	1,944	1,452	908	--	6,392	83,044	35,614
Finished Motor Gasoline	--	--	43	43,621	598	104	1,452	-86	--	862	45,042	1,967
Reformulated	--	--	--	30,224	--	--	23	0	--	--	30,247	27
Conventional	--	--	43	13,397	598	104	1,429	-86	--	862	14,795	1,940
Finished Aviation Gasoline	--	--	--	-1	8	--	--	-123	--	--	130	187
Kerosene-Type Jet Fuel	--	--	5	11,541	3,392	184	--	-681	--	479	15,323	9,595
Kerosene	--	--	--	-1	18	--	--	-1	--	--	18	6
Distillate Fuel Oil	--	--	-2	15,455	642	1,434	--	1,040	--	1,588	14,902	13,126
15 ppm sulfur and under	--	--	-2	14,365	452	1,434	--	885	--	1,532	13,832	11,991
Greater than 15 to 500 ppm sulfur	--	--	--	330	--	--	--	97	--	16	217	396
Greater than 500 ppm sulfur	--	--	--	760	190	--	--	58	--	40	852	739
Residual Fuel Oil	--	--	--	2,161	112	--	--	672	--	237	1,364	5,509
Less than 0.31 percent sulfur	--	--	--	41	--	--	--	168	--	NA	NA	948
0.31 to 1.00 percent sulfur	--	--	--	786	38	--	--	99	--	NA	NA	620
Greater than 1.00 percent sulfur	--	--	--	1,334	74	--	--	405	--	NA	NA	3,941
Petrochemical Feedstocks	--	--	--	--	48	--	--	--	--	--	48	--
Naphtha for Petro. Feed. Use	--	--	--	--	48	--	--	--	--	--	48	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	13	22	--	--	-32	--	--	67	17
Lubricants	--	--	--	259	6	--	--	-3	--	79	189	973
Waxes	--	--	--	--	52	--	--	--	--	4	48	--
Petroleum Coke	--	--	--	3,899	--	-170	--	242	--	3,117	370	1,753
Marketable	--	--	--	2,990	--	--	--	242	--	3,117	-539	1,753
Catalyst	--	--	--	909	--	--	--	--	--	--	909	--
Asphalt and Road Oil	--	--	--	970	61	392	--	-121	--	24	1,519	2,402
Still Gas	--	--	--	3,638	--	--	--	--	--	--	3,638	--
Miscellaneous Products	--	--	--	389	--	--	--	1	--	1	387	79
Total	24,721	0	1,057	84,497	48,043	16,104	615	-541	79,634	8,319	87,625	138,879

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Supply Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	24,562	2,601	--	--	37,862	2,057	2,445	3,798	65,729	--	0	50,121
Hydrocarbon Gas Liquids	1,965	-1,543	-5	2,392	1,223	762	--	585	698	1,923	1,587	3,858
Natural Gas Liquids	1,965	-1,543	-5	2,245	1,223	762	--	605	698	1,923	1,420	3,823
Ethane	1	--	--	--	--	--	--	--	--	0	1	--
Propane	254	-19	--	1,040	906	371	--	364	--	1,178	1,010	1,287
Normal Butane	566	-422	--	1,144	317	264	--	257	27	742	843	2,083
Isobutane	170	-166	--	61	--	127	--	-28	652	2	-434	401
Natural Gasoline	974	-936	-5	--	--	--	--	12	19	1	0	52
Refinery Olefins	--	--	--	147	--	--	--	-20	--	--	167	35
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	172	--	--	--	0	--	--	172	10
Normal Butylene	--	--	--	-25	--	--	--	-20	--	--	-5	25
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-1,058	1,026	--	4,370	10,013	-837	-1,831	13,331	746	1,269	51,839
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,027	--	760	5,421	1,196	85	6,719	330	1,269	5,218
Hydrogen	--	--	--	--	--	--	1,391	--	1,391	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,027	--	760	5,421	-195	85	5,328	330	1,269	5,218
Fuel Ethanol	--	--	209	--	--	4,764	-195	-7	4,565	219	0	2,441
Biofuels (excluding Fuel Ethanol) ⁶	--	--	818	--	760	658	--	92	763	112	1,269	2,777
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,058	--	--	2,517	276	--	-1,203	2,729	209	0	19,011
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	1,093	4,316	-2,032	-713	3,883	207	0	27,610
Reformulated	--	--	0	--	--	1,869	684	-208	2,760	1	0	13,782
Conventional	--	--	--	--	1,093	2,447	-2,717	-505	1,123	205	0	13,828
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	77	82,234	5,410	2,152	2,228	-289	--	6,708	85,682	35,324
Finished Motor Gasoline	--	--	66	44,226	696	65	2,228	221	--	546	46,514	2,187
Reformulated	--	--	--	30,608	--	--	-468	-9	--	--	30,149	18
Conventional	--	--	66	13,618	696	65	2,696	230	--	546	16,365	2,169
Finished Aviation Gasoline	--	--	--	--	7	--	--	25	--	--	-18	212
Kerosene-Type Jet Fuel	--	--	12	12,572	3,593	273	--	152	--	823	15,474	9,747
Kerosene	--	--	--	2	--	--	--	-1	--	0	3	5
Distillate Fuel Oil	--	--	-1	14,641	639	1,403	--	95	--	2,008	14,579	13,221
15 ppm sulfur and under	--	--	-1	14,260	639	1,403	--	302	--	1,726	14,273	12,293
Greater than 15 to 500 ppm sulfur	--	--	--	107	--	--	--	-146	--	104	149	250
Greater than 500 ppm sulfur	--	--	--	274	--	--	--	-61	--	179	156	678
Residual Fuel Oil	--	--	--	1,694	304	--	--	-310	--	20	2,288	5,199
Less than 0.31 percent sulfur	--	--	--	54	--	--	--	272	--	NA	NA	1,220
0.31 to 1.00 percent sulfur	--	--	--	765	39	--	--	48	--	NA	NA	668
Greater than 1.00 percent sulfur	--	--	--	875	265	--	--	-630	--	NA	NA	3,311
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	145	-145	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	145	-145	--
Special Naphthas	--	--	--	16	26	--	--	9	--	--	33	26
Lubricants	--	--	--	117	71	--	--	-209	--	274	123	764
Waxes	--	--	--	--	4	--	--	--	--	3	1	--
Petroleum Coke	--	--	--	3,929	--	-84	--	-215	--	2,860	1,200	1,538
Marketable	--	--	--	3,060	--	--	--	-215	--	2,860	331	1,538
Catalyst	--	--	--	869	--	--	--	--	--	--	869	--
Asphalt and Road Oil	--	--	--	960	70	495	--	-57	--	27	1,555	2,345
Still Gas	--	--	--	3,713	--	--	--	--	--	--	3,713	--
Miscellaneous Products	--	--	--	364	--	--	--	1	--	0	363	80
Total	26,527	0	1,098	84,626	48,865	14,984	3,836	2,263	79,758	9,377	88,538	141,142

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Supply Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,222	1,677	--	--	35,466	2,363	4,627	-1,554	68,910	--	0	48,567
Hydrocarbon Gas Liquids	1,942	-1,516	-6	2,243	1,462	622	--	704	708	1,782	1,553	4,562
Natural Gas Liquids	1,942	-1,516	-6	2,103	1,462	622	--	697	708	1,782	1,420	4,520
Ethane	1	--	--	--	--	--	--	--	--	--	1	--
Propane	256	-23	--	1,049	819	308	--	365	--	926	1,118	1,652
Normal Butane	546	-420	--	1,008	578	219	--	406	33	828	663	2,489
Isobutane	184	-164	--	46	65	95	--	-68	654	3	-363	333
Natural Gasoline	955	-909	-6	--	--	--	--	-6	21	25	0	46
Refinery Olefins	--	--	--	140	--	--	--	7	--	--	133	42
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	171	--	--	--	-1	--	--	172	9
Normal Butylene	--	--	--	-31	--	--	--	8	--	--	-39	33
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-161	981	--	2,875	10,834	-1,281	-2,881	13,561	723	1,845	48,958
Hydrogen/Biofuels/Other Hydrocarbons	--	--	981	--	919	6,196	1,050	-56	7,001	356	1,845	5,162
Hydrogen	--	--	--	--	--	--	1,440	--	1,440	--	0	--
Biofuels (including Fuel Ethanol)	--	--	981	--	919	6,196	-390	-56	5,561	356	1,845	5,162
Fuel Ethanol	--	--	216	--	445	5,146	-390	443	4,751	223	0	2,884
Biofuels (excluding Fuel Ethanol) ⁶	--	--	766	--	474	1,050	--	-499	810	133	1,845	2,278
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-161	--	--	1,910	--	--	100	1,460	189	0	19,111
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	46	4,638	-2,331	-2,925	5,100	178	0	24,685
Reformulated	--	--	0	--	--	1,954	-480	-1,685	3,159	--	0	12,097
Conventional	--	--	--	--	46	2,684	-1,851	-1,240	1,941	178	0	12,588
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	78	85,403	4,193	1,772	2,721	-2,638	--	7,282	89,522	32,686
Finished Motor Gasoline	--	--	71	45,905	413	81	2,721	-300	--	608	48,883	1,888
Reformulated	--	--	--	32,072	--	--	323	0	--	--	32,395	18
Conventional	--	--	71	13,833	413	81	2,398	-300	--	608	16,488	1,870
Finished Aviation Gasoline	--	--	--	58	1	--	--	10	--	--	49	222
Kerosene-Type Jet Fuel	--	--	9	13,347	2,102	322	--	-780	--	765	15,796	8,967
Kerosene	--	--	--	0	--	--	--	-1	--	199	-198	4
Distillate Fuel Oil	--	--	-2	14,618	1,288	918	--	-1,224	--	2,028	16,017	11,997
15 ppm sulfur and under	--	--	-2	13,827	974	918	--	-1,188	--	1,263	15,641	11,105
Greater than 15 to 500 ppm sulfur	--	--	--	359	314	--	--	27	--	6	640	277
Greater than 500 ppm sulfur	--	--	--	432	--	--	--	-63	--	759	-264	615
Residual Fuel Oil	--	--	--	2,382	118	--	--	138	--	332	2,030	5,337
Less than 0.31 percent sulfur	--	--	--	59	--	--	--	-45	--	NA	NA	1,175
0.31 to 1.00 percent sulfur	--	--	--	635	43	--	--	3	--	NA	NA	671
Greater than 1.00 percent sulfur	--	--	--	1,688	75	--	--	180	--	NA	NA	3,491
Petrochemical Feedstocks	--	--	--	--	70	--	--	--	--	40	30	--
Naphtha for Petro. Feed. Use	--	--	--	--	70	--	--	--	--	--	70	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	40	-40	--
Special Naphthas	--	--	--	17	29	--	--	-3	--	--	49	23
Lubricants	--	--	--	112	5	--	--	-205	--	152	170	559
Waxes	--	--	--	--	25	--	--	--	--	5	20	--
Petroleum Coke	--	--	--	3,868	--	33	--	16	--	3,133	752	1,554
Marketable	--	--	--	2,929	--	--	--	16	--	3,133	-187	1,554
Catalyst	--	--	--	939	--	--	--	--	--	--	939	--
Asphalt and Road Oil	--	--	--	939	142	418	--	-286	--	21	1,764	2,059
Still Gas	--	--	--	3,782	--	--	--	--	--	--	3,782	--
Miscellaneous Products	--	--	--	375	--	--	--	-3	--	0	378	77
Total	25,164	0	1,053	87,646	43,996	15,591	6,067	-6,369	83,179	9,788	92,920	134,773

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Supply Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,498	1,856	--	--	37,855	2,808	-1,499	-129	64,646	--	0	48,438
Hydrocarbon Gas Liquids	1,938	-1,541	-5	1,736	1,206	595	--	809	589	1,679	851	5,371
Natural Gas Liquids	1,938	-1,541	-5	1,663	1,206	595	--	756	589	1,679	831	5,276
Ethane	--	--	--	--	--	--	--	--	--	2	-2	--
Propane	241	-20	--	938	715	292	--	306	--	602	1,258	1,958
Normal Butane	527	-423	--	592	470	186	--	420	83	1,043	-194	2,909
Isobutane	198	-165	--	133	21	117	--	43	486	6	-230	376
Natural Gasoline	972	-933	-5	--	--	--	--	-13	20	26	0	33
Refinery Olefins	--	--	--	73	--	--	--	53	--	--	20	95
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	130	--	--	--	-2	--	--	132	7
Normal Butylene	--	--	--	-57	--	--	--	55	--	--	-112	88
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-314	1,032	--	2,078	8,341	839	-2,399	12,818	589	968	46,559
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,032	--	378	4,157	2,316	-5	6,608	312	968	5,157
Hydrogen	--	--	--	--	--	--	1,334	--	1,334	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,032	--	378	4,157	982	-5	5,274	312	968	5,157
Fuel Ethanol	--	--	198	--	--	3,438	982	-90	4,471	237	0	2,794
Biofuels (excluding Fuel Ethanol) ⁶	--	--	834	--	378	719	--	85	803	76	968	2,363
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-314	--	--	1,035	--	--	-451	1,152	20	0	18,660
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	665	4,184	-1,477	-1,943	5,058	257	0	22,742
Reformulated	--	--	0	--	--	1,940	89	-1,204	3,231	2	0	10,893
Conventional	--	--	--	--	665	2,244	-1,566	-739	1,827	255	0	11,849
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	79	81,485	3,609	1,775	495	-1,993	--	6,487	82,949	30,693
Finished Motor Gasoline	--	--	71	43,387	553	109	495	-160	--	447	44,328	1,728
Reformulated	--	--	--	30,640	--	--	-127	2	--	--	30,511	20
Conventional	--	--	71	12,747	553	109	622	-162	--	447	13,817	1,708
Finished Aviation Gasoline	--	--	--	25	2	--	--	4	--	--	23	226
Kerosene-Type Jet Fuel	--	--	9	12,634	2,247	245	--	265	--	301	14,569	9,232
Kerosene	--	--	--	5	--	--	--	0	--	--	5	4
Distillate Fuel Oil	--	--	-2	13,980	646	1,033	--	-869	--	1,724	14,803	11,127
15 ppm sulfur and under	--	--	-2	13,631	646	1,033	--	-648	--	1,072	14,885	10,456
Greater than 15 to 500 ppm sulfur	--	--	--	191	--	--	--	-53	--	25	219	224
Greater than 500 ppm sulfur	--	--	--	158	--	--	--	-168	--	627	-301	447
Residual Fuel Oil	--	--	--	2,602	71	--	--	-836	--	609	2,900	4,501
Less than 0.31 percent sulfur	--	--	--	55	--	--	--	-399	--	NA	NA	776
0.31 to 1.00 percent sulfur	--	--	--	757	34	--	--	107	--	NA	NA	778
Greater than 1.00 percent sulfur	--	--	--	1,790	37	--	--	-544	--	NA	NA	2,947
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	20	36	--	--	3	--	--	53	26
Lubricants	--	--	--	240	6	--	--	31	--	109	106	590
Waxes	--	--	--	--	7	--	--	--	--	6	1	--
Petroleum Coke	--	--	--	3,663	--	-69	--	-238	--	3,266	566	1,316
Marketable	--	--	--	2,800	--	--	--	-238	--	3,266	-297	1,316
Catalyst	--	--	--	863	--	--	--	--	--	--	863	--
Asphalt and Road Oil	--	--	--	905	41	457	--	-184	--	25	1,562	1,875
Still Gas	--	--	--	3,662	--	--	--	--	--	--	3,662	--
Miscellaneous Products	--	--	--	362	--	--	--	-9	--	0	371	68
Total	25,436	0	1,106	83,221	44,748	13,519	-165	-3,712	78,053	8,755	84,768	131,061

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Supply Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	24,007	933	--	--	37,646	2,164	2,486	1,155	66,081	--	0	49,593
Hydrocarbon Gas Liquids	2,037	-1,621	-5	67	1,471	1,369	--	537	1,004	1,418	358	5,909
Natural Gas Liquids	2,037	-1,621	-5	33	1,471	1,369	--	560	1,004	1,418	301	5,837
Ethane	--	--	--	--	--	--	--	--	--	--	--	--
Propane	243	-24	--	901	810	460	--	494	--	767	1,130	2,452
Normal Butane	588	-458	--	-831	633	733	--	81	624	623	-663	2,990
Isobutane	185	-180	--	-37	28	176	--	-23	357	3	-165	353
Natural Gasoline	1,021	-959	-5	--	--	--	--	8	23	25	0	42
Refinery Olefins	--	--	--	34	--	--	--	-23	--	--	57	72
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	66	--	--	--	-1	--	--	67	6
Normal Butylene	--	--	--	-32	--	--	--	-22	--	--	-10	66
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	688	908	--	4,297	10,296	110	1,559	12,291	587	1,862	48,118
Hydrogen/Biofuels/Other Hydrocarbons	--	--	908	--	565	5,298	1,660	-545	6,858	256	1,862	4,612
Hydrogen	--	--	--	--	--	--	1,440	--	1,440	--	0	--
Biofuels (including Fuel Ethanol)	--	--	908	--	565	5,298	220	-545	5,418	256	1,862	4,612
Fuel Ethanol	--	--	185	--	--	4,275	220	-153	4,610	223	0	2,641
Biofuels (excluding Fuel Ethanol) ⁶	--	--	722	--	565	1,023	--	-392	808	32	1,862	1,970
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	688	--	--	1,952	--	--	-362	2,818	184	0	18,298
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	1,780	4,998	-1,550	2,466	2,615	147	0	25,208
Reformulated	--	--	0	--	326	2,144	564	1,817	1,214	3	0	12,710
Conventional	--	--	--	--	1,454	2,854	-2,113	649	1,401	145	0	12,498
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	75	84,687	4,947	2,122	1,330	1,308	--	6,804	85,049	32,002
Finished Motor Gasoline	--	--	71	44,737	1,182	92	1,330	509	--	561	46,342	2,237
Reformulated	--	--	--	31,473	--	--	-364	2	--	--	31,107	22
Conventional	--	--	71	13,264	1,182	92	1,693	507	--	561	15,235	2,215
Finished Aviation Gasoline	--	--	--	82	2	--	--	58	--	--	26	284
Kerosene-Type Jet Fuel	--	--	6	12,707	2,322	211	--	-145	--	369	15,022	9,087
Kerosene	--	--	--	12	--	--	--	0	--	0	12	4
Distillate Fuel Oil	--	--	-2	15,054	541	1,169	--	911	--	1,722	14,129	12,038
15 ppm sulfur and under	--	--	-2	14,134	541	1,169	--	764	--	1,471	13,607	11,220
Greater than 15 to 500 ppm sulfur	--	--	--	409	--	--	--	61	--	46	302	285
Greater than 500 ppm sulfur	--	--	--	511	--	--	--	86	--	205	220	533
Residual Fuel Oil	--	--	--	2,659	746	--	--	-97	--	415	3,087	4,404
Less than 0.31 percent sulfur	--	--	--	58	--	--	--	-118	--	NA	NA	658
0.31 to 1.00 percent sulfur	--	--	--	727	597	--	--	28	--	NA	NA	806
Greater than 1.00 percent sulfur	--	--	--	1,874	149	--	--	-7	--	NA	NA	2,940
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	60	-60	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	60	-60	--
Special Naphthas	--	--	--	13	28	--	--	0	--	--	41	26
Lubricants	--	--	--	487	26	--	--	193	--	117	203	783
Waxes	--	--	--	--	69	--	--	--	--	5	64	--
Petroleum Coke	--	--	--	4,005	--	56	--	-25	--	3,527	559	1,291
Marketable	--	--	--	3,113	--	--	--	-25	--	3,527	-333	1,291
Catalyst	--	--	--	892	--	--	--	--	--	--	892	--
Asphalt and Road Oil	--	--	--	915	31	594	--	-100	--	26	1,614	1,775
Still Gas	--	--	--	3,631	--	--	--	--	--	--	3,631	--
Miscellaneous Products	--	--	--	385	--	--	--	5	--	1	379	73
Total	26,044	0	978	84,754	48,361	15,951	3,926	4,560	79,376	8,809	87,269	135,621

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Supply Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,415	2,884	--	--	40,374	3,564	-2,108	-871	69,001	--	0	48,722
Hydrocarbon Gas Liquids	2,104	-1,735	-5	-254	1,570	1,738	--	-599	1,320	1,519	1,178	5,309
Natural Gas Liquids	2,104	-1,735	-5	-401	1,570	1,738	--	-554	1,320	1,519	986	5,282
Ethane	--	--	--	--	--	--	--	--	--	--	--	--
Propane	229	-23	--	922	947	465	--	-325	--	1,086	1,779	2,127
Normal Butane	613	-487	--	-1,398	621	1,118	--	-230	721	402	-426	2,760
Isobutane	195	-191	--	75	2	156	--	17	582	4	-366	370
Natural Gasoline	1,067	-1,034	-5	--	--	--	--	-16	17	27	0	25
Refinery Olefins	--	--	--	147	--	--	--	-45	--	--	192	27
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	169	--	--	--	5	--	--	164	11
Normal Butylene	--	--	--	-22	--	--	--	-50	--	--	28	16
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-1,150	1,155	--	3,092	10,287	9	4,464	7,101	559	1,269	52,582
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,155	--	1,018	5,578	1,010	540	6,622	331	1,269	5,151
Hydrogen	--	--	--	--	--	--	1,426	--	1,426	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,155	--	1,018	5,578	-416	540	5,196	331	1,269	5,151
Fuel Ethanol	--	--	212	--	249	4,610	-416	12	4,374	269	0	2,653
Biofuels (excluding Fuel Ethanol) ⁶	--	--	943	--	769	968	--	528	822	61	1,269	2,498
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-1,150	--	--	1,527	--	--	-183	533	27	0	18,115
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	547	4,709	-1,002	4,107	-54	201	0	29,315
Reformulated	--	--	0	--	--	1,971	208	1,889	288	2	0	14,599
Conventional	--	--	--	--	547	2,738	-1,210	2,218	-342	199	0	14,716
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	51	82,602	4,028	2,081	1,417	537	--	8,561	81,082	32,539
Finished Motor Gasoline	--	--	50	42,355	521	86	1,417	-323	--	1,087	43,664	1,914
Reformulated	--	--	--	29,583	--	--	-134	-5	--	--	29,454	17
Conventional	--	--	50	12,772	521	86	1,551	-318	--	1,087	14,211	1,897
Finished Aviation Gasoline	--	--	--	35	1	--	--	18	--	--	18	302
Kerosene-Type Jet Fuel	--	--	4	12,552	2,577	550	--	-251	--	931	15,003	8,836
Kerosene	--	--	--	1	--	--	--	-1	--	--	2	3
Distillate Fuel Oil	--	--	-2	16,546	440	1,153	--	708	--	2,065	15,364	12,746
15 ppm sulfur and under	--	--	-2	15,668	440	1,153	--	604	--	1,968	14,687	11,824
Greater than 15 to 500 ppm sulfur	--	--	--	284	--	--	--	11	--	1	272	296
Greater than 500 ppm sulfur	--	--	--	594	--	--	--	93	--	96	405	626
Residual Fuel Oil	--	--	--	1,995	229	--	--	64	--	1,033	1,127	4,468
Less than 0.31 percent sulfur	--	--	--	48	--	--	--	-96	--	NA	NA	562
0.31 to 1.00 percent sulfur	--	--	--	671	78	--	--	20	--	NA	NA	826
Greater than 1.00 percent sulfur	--	--	--	1,276	151	--	--	140	--	NA	NA	3,080
Petrochemical Feedstocks	--	--	--	--	69	--	--	--	--	130	-61	--
Naphtha for Petro. Feed. Use	--	--	--	--	69	--	--	--	--	--	69	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	130	-130	--
Special Naphthas	--	--	--	25	39	--	--	-1	--	--	65	25
Lubricants	--	--	--	473	3	--	--	57	--	269	150	840
Waxes	--	--	--	--	11	--	--	--	--	5	6	--
Petroleum Coke	--	--	--	3,858	--	-103	--	6	--	3,014	734	1,297
Marketable	--	--	--	2,957	--	--	--	6	--	3,014	-167	1,297
Catalyst	--	--	--	901	--	--	--	--	--	--	901	--
Asphalt and Road Oil	--	--	--	784	138	395	--	258	--	23	1,037	2,033
Still Gas	--	--	--	3,565	--	--	--	--	--	--	3,565	--
Miscellaneous Products	--	--	--	413	--	--	--	2	--	3	408	75
Total	25,519	0	1,201	82,348	49,064	17,671	-682	3,531	77,422	10,639	83,529	139,152

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Supply Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels)

Commodity	Supply							Disposition				Ending Stocks
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	24,160	2,488	--	--	37,673	2,234	3,267	-720	69,562	980	0	48,002
Hydrocarbon Gas Liquids	2,192	-1,765	-5	-406	1,630	2,107	--	-1,462	1,354	1,551	2,309	3,848
Natural Gas Liquids	2,192	-1,765	-5	-547	1,630	2,107	--	-1,452	1,354	1,551	2,158	3,831
Ethane	1	--	--	--	--	--	--	--	--	--	1	--
Propane	239	-27	--	697	1,101	696	--	-647	--	1,105	2,249	1,480
Normal Butane	632	-512	--	-1,283	529	1,235	--	-727	902	385	42	2,033
Isobutane	212	-201	--	39	--	175	--	-74	431	1	-133	296
Natural Gasoline	1,108	-1,025	-5	--	--	--	--	-4	21	60	0	22
Refinery Olefins	--	--	--	141	--	--	--	-10	--	--	151	17
Ethylene	--	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	146	--	--	--	3	--	--	143	14
Normal Butylene	--	--	--	-5	--	--	--	-13	--	--	8	3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	-722	1,017	--	3,240	9,555	-1,048	2,182	8,350	301	1,208	54,763
Hydrogen/Biofuels/Other Hydrocarbons	--	--	1,017	--	850	4,556	1,948	528	6,503	132	1,208	5,679
Hydrogen	--	--	--	--	--	--	1,368	--	1,368	--	0	--
Biofuels (including Fuel Ethanol)	--	--	1,017	--	850	4,556	580	528	5,135	132	1,208	5,679
Fuel Ethanol	--	--	187	--	--	3,594	580	-121	4,380	102	0	2,532
Biofuels (excluding Fuel Ethanol) ⁶	--	--	830	--	850	961	--	649	755	29	1,208	3,147
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-722	--	--	1,761	--	--	598	420	21	0	18,713
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	629	4,999	-2,996	1,056	1,427	149	0	30,371
Reformulated	--	--	0	--	--	2,031	-612	754	664	1	0	15,353
Conventional	--	--	--	--	629	2,968	-2,383	302	763	149	0	15,018
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	60	84,021	3,352	1,656	2,416	2,127	--	11,523	77,854	34,666
Finished Motor Gasoline	--	--	59	43,023	491	100	2,416	288	--	2,021	43,780	2,202
Reformulated	--	--	--	29,994	--	--	586	-2	--	--	30,582	15
Conventional	--	--	59	13,029	491	100	1,830	290	--	2,021	13,198	2,187
Finished Aviation Gasoline	--	--	--	50	2	--	--	35	--	--	17	337
Kerosene-Type Jet Fuel	--	--	2	13,355	2,417	285	--	94	--	1,040	14,925	8,930
Kerosene	--	--	--	5	--	--	--	10	--	--	-5	13
Distillate Fuel Oil	--	--	-2	15,809	171	845	--	552	--	3,485	12,786	13,298
15 ppm sulfur and under	--	--	-2	15,131	171	845	--	550	--	2,884	12,711	12,374
Greater than 15 to 500 ppm sulfur	--	--	--	308	--	--	--	-64	--	423	-51	232
Greater than 500 ppm sulfur	--	--	--	370	--	--	--	66	--	178	126	692
Residual Fuel Oil	--	--	--	2,302	112	--	--	622	--	866	926	5,090
Less than 0.31 percent sulfur	--	--	--	39	--	--	--	139	--	NA	NA	701
0.31 to 1.00 percent sulfur	--	--	--	647	38	--	--	28	--	NA	NA	854
Greater than 1.00 percent sulfur	--	--	--	1,616	74	--	--	455	--	NA	NA	3,535
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	148	-148	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	148	-148	--
Special Naphthas	--	--	--	24	23	--	--	7	--	--	40	32
Lubricants	--	--	--	332	59	--	--	187	--	71	133	1,027
Waxes	--	--	--	--	13	--	--	--	--	4	9	--
Petroleum Coke	--	--	--	4,082	--	-48	--	-33	--	3,867	200	1,264
Marketable	--	--	--	3,184	--	--	--	-33	--	3,867	-698	1,264
Catalyst	--	--	--	898	--	--	--	--	--	--	898	--
Asphalt and Road Oil	--	--	--	749	64	474	--	362	--	21	904	2,395
Still Gas	--	--	--	3,853	--	--	--	--	--	--	3,853	--
Miscellaneous Products	--	--	--	437	--	--	--	3	--	1	433	78
Total	26,352	0	1,072	83,615	45,895	15,552	4,635	2,127	79,266	14,355	81,372	141,279

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	807	73	--	--	1,165	59	92	143	2,053	--	0
Hydrocarbon Gas Liquids	72	-59	0	6	48	57	--	-17	39	30	72
Natural Gas Liquids	72	-59	0	-2	48	57	--	-16	39	30	63
Ethane	--	--	--	--	--	--	--	--	--	0	0
Propane	8	-1	--	28	26	20	--	-20	--	18	82
Normal Butane	19	-17	--	-33	23	33	--	4	25	11	-14
Isobutane	8	-6	--	3	--	4	--	0	14	0	-5
Natural Gasoline	36	-36	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	8	--	--	--	-1	--	--	9
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	7	--	--	--	0	--	--	7
Normal Butylene	--	--	--	1	--	--	--	0	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-14	32	--	59	256	78	92	291	7	22
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32	--	29	111	87	28	205	5	22
Hydrogen	--	--	--	--	--	--	47	--	47	--	0
Biofuels (including Fuel Ethanol)	--	--	32	--	29	111	41	28	158	5	22
Fuel Ethanol	--	--	8	--	8	100	41	18	134	5	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	24	--	21	11	--	10	24	1	22
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-14	--	--	25	--	--	-17	27	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	5	145	-9	81	59	1	0
Reformulated	--	--	0	--	--	54	3	51	6	0	0
Conventional	--	--	--	--	5	90	-12	30	53	1	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	2,521	166	70	-32	104	--	208	2,415
Finished Motor Gasoline	--	--	1	1,324	31	3	-32	-1	--	22	1,306
Reformulated	--	--	--	926	--	--	-2	0	--	--	923
Conventional	--	--	1	398	31	3	-29	-1	--	22	383
Finished Aviation Gasoline	--	--	--	0	0	--	--	-1	--	--	1
Kerosene-Type Jet Fuel	--	--	0	398	96	8	--	66	--	13	425
Kerosene	--	--	--	1	--	--	--	-1	--	0	1
Distillate Fuel Oil	--	--	0	432	21	47	--	12	--	50	438
15 ppm sulfur and under	--	--	0	404	11	47	--	7	--	31	424
Greater than 15 to 500 ppm sulfur	--	--	--	14	10	--	--	2	--	2	20
Greater than 500 ppm sulfur	--	--	--	14	--	--	--	2	--	18	-6
Residual Fuel Oil	--	--	--	106	10	--	--	21	--	16	79
Less than 0.31 percent sulfur	--	--	--	1	--	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	30	4	--	--	9	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	75	5	--	--	14	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	2	--	--	0	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	0	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	2	1	--	--	1	--	--	2
Lubricants	--	--	--	21	4	--	--	5	--	9	11
Waxes	--	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	--	107	--	-1	--	-2	--	98	11
Marketable	--	--	--	81	--	-1	--	-2	--	98	-15
Catalyst	--	--	--	26	--	--	--	--	--	--	26
Asphalt and Road Oil	--	--	--	19	1	12	--	4	--	1	28
Still Gas	--	--	--	98	--	--	--	--	--	--	98
Miscellaneous Products	--	--	--	12	--	--	--	0	--	0	13
Total	879	0	33	2,527	1,439	443	139	323	2,384	245	2,508

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, February 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	823	93	--	--	1,128	61	-19	-56	2,119	22	0
Hydrocarbon Gas Liquids	66	-58	0	24	49	52	--	-4	27	68	41
Natural Gas Liquids	66	-58	0	19	49	52	--	-5	27	68	37
Ethane	0	--	--	--	--	--	--	--	--	--	0
Propane	4	-1	--	31	29	19	--	-12	--	30	63
Normal Butane	18	-17	--	-17	20	24	--	3	12	37	-24
Isobutane	8	-7	--	5	--	9	--	3	15	0	-2
Natural Gasoline	36	-34	0	--	--	--	--	0	1	2	0
Refinery Olefins	--	--	--	5	--	--	--	1	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	6	--	--	--	0	--	--	6
Normal Butylene	--	--	--	-1	--	--	--	1	--	--	-2
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-35	33	--	63	312	-26	-65	371	13	27
Hydrogen/Biofuels/Other Hydrocarbons	--	--	33	--	14	158	43	0	211	10	27
Hydrogen	--	--	--	--	--	--	40	--	40	--	0
Biofuels (including Fuel Ethanol)	--	--	33	--	14	158	4	0	171	10	27
Fuel Ethanol	--	--	8	--	--	139	4	-5	148	9	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	24	--	14	19	--	5	23	1	27
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-35	--	--	29	--	--	12	-19	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	20	154	-70	-77	179	2	0
Reformulated	--	--	0	--	--	57	-6	-73	124	0	0
Conventional	--	--	--	--	20	97	-64	-4	55	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1	2,656	130	60	66	-41	--	250	2,705
Finished Motor Gasoline	--	--	1	1,483	26	2	66	5	--	58	1,516
Reformulated	--	--	--	1,024	--	--	25	0	--	--	1,049
Conventional	--	--	1	459	26	2	41	5	--	58	467
Finished Aviation Gasoline	--	--	--	2	--	--	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	--	0	368	77	4	--	-10	--	15	444
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	450	18	38	--	-20	--	49	477
15 ppm sulfur and under	--	--	0	426	18	38	--	-18	--	19	482
Greater than 15 to 500 ppm sulfur	--	--	--	10	--	--	--	-1	--	2	10
Greater than 500 ppm sulfur	--	--	--	14	--	--	--	-1	--	28	-14
Residual Fuel Oil	--	--	--	79	6	--	--	-8	--	29	65
Less than 0.31 percent sulfur	--	--	--	--	--	--	--	-15	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	8	3	--	--	-8	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	71	4	--	--	14	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	1	1	--	--	-1	--	--	3
Lubricants	--	--	--	17	0	--	--	-2	--	4	15
Waxes	--	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	--	123	--	0	--	-2	--	95	29
Marketable	--	--	--	95	--	0	--	-2	--	95	1
Catalyst	--	--	--	28	--	--	--	--	--	--	28
Asphalt and Road Oil	--	--	--	13	0	15	--	-3	--	1	30
Still Gas	--	--	--	108	--	--	--	--	--	--	108
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	13
Total	889	0	33	2,680	1,370	486	20	-166	2,517	354	2,773

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, March 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	807	133	--	--	1,186	92	6	-92	2,284	30	0
Hydrocarbon Gas Liquids	75	-59	0	57	55	29	--	-12	13	67	89
Natural Gas Liquids	75	-59	0	52	55	29	--	-11	13	67	82
Ethane	0	--	--	--	--	--	--	--	--	0	0
Propane	8	-1	--	32	31	14	--	-7	--	34	57
Normal Butane	19	-16	--	18	24	9	--	-5	4	33	22
Isobutane	11	-6	--	2	--	6	--	0	9	0	4
Natural Gasoline	37	-35	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	6	--	--	--	-1	--	--	7
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	6	--	--	--	0	--	--	6
Normal Butylene	--	--	--	-1	--	--	--	-1	--	--	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-74	32	--	169	300	-7	39	313	16	51
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32	--	19	151	58	-12	213	7	51
Hydrogen	--	--	--	--	--	--	40	--	40	--	0
Biofuels (including Fuel Ethanol)	--	--	32	--	19	151	17	-12	173	7	51
Fuel Ethanol	--	--	7	--	--	124	17	-5	148	5	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	25	--	19	27	--	-7	25	1	51
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-74	--	--	87	--	--	46	-40	7	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	63	149	-64	6	139	3	0
Reformulated	--	--	0	--	14	61	21	-4	100	0	0
Conventional	--	--	--	--	49	87	-86	9	39	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,728	125	70	47	-51	--	282	2,741
Finished Motor Gasoline	--	--	1	1,445	13	3	47	-13	--	23	1,500
Reformulated	--	--	--	1,022	--	--	4	0	--	--	1,025
Conventional	--	--	1	423	13	3	43	-13	--	23	474
Finished Aviation Gasoline	--	--	--	0	--	--	--	-1	--	--	1
Kerosene-Type Jet Fuel	--	--	0	354	78	6	--	-47	--	24	461
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	525	21	45	--	33	--	91	467
15 ppm sulfur and under	--	--	0	494	11	45	--	26	--	52	472
Greater than 15 to 500 ppm sulfur	--	--	--	13	10	--	--	2	--	16	5
Greater than 500 ppm sulfur	--	--	--	19	--	--	--	5	--	23	-10
Residual Fuel Oil	--	--	--	110	8	--	--	-24	--	34	107
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	8	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	23	3	--	--	-1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	85	5	--	--	-30	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	1	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	2	1	--	--	1	--	--	2
Lubricants	--	--	--	11	0	-3	--	-5	--	19	-6
Waxes	--	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	--	126	--	-2	--	1	--	90	34
Marketable	--	--	--	96	--	-2	--	1	--	90	4
Catalyst	--	--	--	30	--	--	--	--	--	--	30
Asphalt and Road Oil	--	--	--	24	3	21	--	4	--	1	43
Still Gas	--	--	--	117	--	--	--	--	--	--	117
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	13
Total	882	0	33	2,785	1,534	491	46	-115	2,611	396	2,881

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, April 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	810	55	--	--	1,183	103	-15	53	2,082	--	0
Hydrocarbon Gas Liquids	78	-58	0	64	41	19	--	2	18	55	69
Natural Gas Liquids	78	-58	0	61	41	19	--	2	18	55	65
Ethane	0	--	--	--	--	--	--	--	--	0	0
Propane	9	-1	--	36	25	10	--	0	--	25	53
Normal Butane	20	-16	--	25	16	7	--	3	3	29	17
Isobutane	13	-6	--	1	--	2	--	-1	14	0	-5
Natural Gasoline	36	-35	0	--	--	--	--	0	1	1	0
Refinery Olefins	--	--	--	3	--	--	--	-1	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	4	--	--	--	0	--	--	4
Normal Butylene	--	--	--	0	--	--	--	-1	--	--	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	3	34	--	183	337	-6	-34	508	25	53
Hydrogen/Biofuels/Other Hydrocarbons	--	--	34	--	16	189	24	-23	219	14	53
Hydrogen	--	--	--	--	--	--	45	--	45	--	0
Biofuels (including Fuel Ethanol)	--	--	34	--	16	189	-21	-23	174	14	53
Fuel Ethanol	--	--	7	--	--	161	-21	-15	149	12	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	27	--	16	28	--	-9	25	2	53
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	3	--	--	91	--	--	-28	121	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	76	148	-30	17	168	9	0
Reformulated	--	--	--	--	18	64	14	27	70	0	0
Conventional	--	--	--	--	58	84	-44	-9	98	9	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,704	168	77	51	54	--	253	2,695
Finished Motor Gasoline	--	--	2	1,462	35	4	51	6	--	37	1,510
Reformulated	--	--	--	1,014	--	--	1	0	--	--	1,015
Conventional	--	--	2	448	35	4	50	6	--	37	495
Finished Aviation Gasoline	--	--	--	0	--	--	--	1	--	--	-1
Kerosene-Type Jet Fuel	--	--	0	411	79	12	--	36	--	20	446
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	465	23	44	--	-25	--	46	510
15 ppm sulfur and under	--	--	0	434	23	44	--	-22	--	29	493
Greater than 15 to 500 ppm sulfur	--	--	--	13	--	--	--	1	--	11	0
Greater than 500 ppm sulfur	--	--	--	18	0	--	--	-4	--	5	17
Residual Fuel Oil	--	--	--	78	26	--	--	27	--	19	57
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	23	23	--	--	5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	53	2	--	--	17	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	1	--	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	1	1	--	--	-1	--	--	3
Lubricants	--	--	--	5	0	-3	--	-3	--	4	2
Waxes	--	--	--	--	2	--	--	--	--	0	1
Petroleum Coke	--	--	--	131	--	0	--	8	--	126	-3
Marketable	--	--	--	100	--	0	--	8	--	126	-34
Catalyst	--	--	--	31	--	--	--	--	--	--	31
Asphalt and Road Oil	--	--	--	29	2	21	--	6	--	1	45
Still Gas	--	--	--	110	--	--	--	--	--	--	110
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	13
Total	888	0	36	2,769	1,575	535	30	75	2,608	332	2,818

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, May 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	785	62	--	--	1,023	47	235	-62	2,213	--	0
Hydrocarbon Gas Liquids	75	-54	0	75	39	18	--	5	18	66	63
Natural Gas Liquids	75	-54	0	69	39	18	--	5	18	66	57
Ethane	0	--	--	--	--	--	--	--	--	0	0
Propane	9	-1	--	34	19	10	--	7	--	21	43
Normal Butane	21	-15	--	32	20	3	--	-1	1	44	17
Isobutane	11	-6	--	3	--	5	--	-1	17	--	-3
Natural Gasoline	34	-32	0	--	--	--	--	0	1	2	0
Refinery Olefins	--	--	--	6	--	--	--	0	--	--	6
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	6	--	--	--	0	--	--	6
Normal Butylene	--	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-8	35	--	183	308	-5	86	377	14	37
Hydrogen/Biofuels/Other Hydrocarbons	--	--	35	--	31	160	60	17	221	11	37
Hydrogen	--	--	--	--	--	--	49	--	49	--	0
Biofuels (including Fuel Ethanol)	--	--	35	--	31	160	10	17	172	11	37
Fuel Ethanol	--	--	7	--	8	132	10	1	149	7	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	28	--	23	28	--	15	23	3	37
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-8	--	--	81	--	--	50	22	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	72	148	-65	19	133	3	0
Reformulated	--	--	0	--	10	66	8	3	81	0	0
Conventional	--	--	--	--	62	82	-73	16	52	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,745	185	70	54	21	--	267	2,770
Finished Motor Gasoline	--	--	2	1,465	36	3	54	1	--	29	1,530
Reformulated	--	--	--	1,022	--	--	11	0	--	--	1,033
Conventional	--	--	2	442	36	3	44	0	--	29	497
Finished Aviation Gasoline	--	--	--	3	--	--	--	1	--	--	1
Kerosene-Type Jet Fuel	--	--	0	414	103	9	--	27	--	23	475
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	477	35	42	--	-15	--	89	479
15 ppm sulfur and under	--	--	0	450	25	42	--	-13	--	61	468
Greater than 15 to 500 ppm sulfur	--	--	--	8	10	--	--	-3	--	11	11
Greater than 500 ppm sulfur	--	--	--	19	--	--	--	2	--	18	0
Residual Fuel Oil	--	--	--	73	5	--	--	0	--	18	60
Less than 0.31 percent sulfur	--	--	--	1	--	--	--	-8	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	14	--	--	--	-2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	59	5	--	--	10	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	1	--	--	--	--	1	0
Naphtha for Petro. Feed. Use	--	--	--	--	1	--	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	1	-1
Special Naphthas	--	--	--	1	1	--	--	1	--	--	1
Lubricants	--	--	--	16	2	-1	--	5	--	8	4
Waxes	--	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	--	136	--	-2	--	1	--	97	37
Marketable	--	--	--	105	--	-2	--	1	--	97	6
Catalyst	--	--	--	31	--	--	--	--	--	--	31
Asphalt and Road Oil	--	--	--	29	2	19	--	-1	--	1	50
Still Gas	--	--	--	119	--	--	--	--	--	--	119
Miscellaneous Products	--	--	--	12	--	--	--	0	--	0	12
Total	860	0	37	2,820	1,430	443	284	50	2,607	347	2,870

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	756	49	--	--	1,289	137	-28	-6	2,209	--	0
Hydrocarbon Gas Liquids	68	-46	0	85	41	21	--	14	17	47	91
Natural Gas Liquids	68	-46	0	81	41	21	--	13	17	47	88
Ethane	0	--	--	--	--	--	--	--	--	0	0
Propane	9	-1	--	33	26	11	--	5	--	22	51
Normal Butane	17	-13	--	47	15	7	--	7	1	24	43
Isobutane	12	-5	--	1	--	3	--	1	15	0	-6
Natural Gasoline	30	-28	0	--	--	--	--	0	1	1	0
Refinery Olefins	--	--	--	4	--	--	--	1	--	--	3
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	6	--	--	--	0	--	--	6
Normal Butylene	--	--	--	-2	--	--	--	1	--	--	-3
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-3	34	--	106	314	0	-57	429	18	62
Hydrogen/Biofuels/Other Hydrocarbons	--	--	34	--	24	168	66	-6	223	13	62
Hydrogen	--	--	--	--	--	--	49	--	49	--	0
Biofuels (including Fuel Ethanol)	--	--	34	--	24	168	18	-6	174	13	62
Fuel Ethanol	--	--	8	--	--	139	18	8	149	8	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	26	--	24	30	--	-13	26	6	62
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-3	--	--	67	--	--	-22	86	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	15	146	-66	-29	121	4	0
Reformulated	--	--	0	--	--	63	9	-4	76	--	0
Conventional	--	--	--	--	15	83	-75	-25	45	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,731	165	65	48	30	--	213	2,768
Finished Motor Gasoline	--	--	1	1,454	20	3	48	-3	--	29	1,501
Reformulated	--	--	--	1,007	--	--	1	0	--	--	1,008
Conventional	--	--	1	447	20	3	48	-3	--	29	493
Finished Aviation Gasoline	--	--	--	0	0	--	--	-4	--	--	4
Kerosene-Type Jet Fuel	--	--	0	385	113	6	--	-23	--	16	511
Kerosene	--	--	--	0	1	--	--	0	--	--	1
Distillate Fuel Oil	--	--	0	515	21	48	--	35	--	53	497
15 ppm sulfur and under	--	--	0	479	15	48	--	29	--	51	461
Greater than 15 to 500 ppm sulfur	--	--	--	11	--	--	--	3	--	1	7
Greater than 500 ppm sulfur	--	--	--	25	6	--	--	2	--	1	28
Residual Fuel Oil	--	--	--	72	4	--	--	22	--	8	45
Less than 0.31 percent sulfur	--	--	--	1	--	--	--	6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	26	1	--	--	3	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	44	2	--	--	14	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	2	--	--	--	--	--	2
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	0	1	--	--	-1	--	--	2
Lubricants	--	--	--	9	0	--	--	0	--	3	6
Waxes	--	--	--	--	2	--	--	--	--	0	2
Petroleum Coke	--	--	--	130	--	-6	--	8	--	104	12
Marketable	--	--	--	100	--	-6	--	8	--	104	-18
Catalyst	--	--	--	30	--	--	--	--	--	--	30
Asphalt and Road Oil	--	--	--	32	2	13	--	-4	--	1	51
Still Gas	--	--	--	121	--	--	--	--	--	--	121
Miscellaneous Products	--	--	--	13	--	--	--	0	--	0	13
Total	824	0	35	2,817	1,601	537	21	-18	2,654	277	2,921

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, July 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	792	84	--	--	1,221	66	79	123	2,120	--	0
Hydrocarbon Gas Liquids	63	-50	0	77	39	25	--	19	23	62	51
Natural Gas Liquids	63	-50	0	72	39	25	--	20	23	62	46
Ethane	0	--	--	--	--	--	--	--	--	0	0
Propane	8	-1	--	34	29	12	--	12	--	38	33
Normal Butane	18	-14	--	37	10	9	--	8	1	24	27
Isobutane	5	-5	--	2	--	4	--	-1	21	0	-14
Natural Gasoline	31	-30	0	--	--	--	--	0	1	0	0
Refinery Olefins	--	--	--	5	--	--	--	-1	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	6	--	--	--	0	--	--	6
Normal Butylene	--	--	--	-1	--	--	--	-1	--	--	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-34	33	--	141	323	-27	-59	430	24	41
Hydrogen/Biofuels/Other Hydrocarbons	--	--	33	--	25	175	39	3	217	11	41
Hydrogen	--	--	--	--	--	--	45	--	45	--	0
Biofuels (including Fuel Ethanol)	--	--	33	--	25	175	-6	3	172	11	41
Fuel Ethanol	--	--	7	--	--	154	-6	0	147	7	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	26	--	25	21	--	3	25	4	41
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-34	--	--	81	9	--	-39	88	7	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	35	139	-66	-23	125	7	0
Reformulated	--	--	0	--	--	60	22	-7	89	0	0
Conventional	--	--	--	--	35	79	-88	-16	36	7	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,653	175	69	72	-9	--	216	2,764
Finished Motor Gasoline	--	--	2	1,427	22	2	72	7	--	18	1,500
Reformulated	--	--	--	987	--	--	-15	0	--	--	973
Conventional	--	--	2	439	22	2	87	7	--	18	528
Finished Aviation Gasoline	--	--	--	--	0	--	--	1	--	--	-1
Kerosene-Type Jet Fuel	--	--	0	406	116	9	--	5	--	27	499
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	472	21	45	--	3	--	65	470
15 ppm sulfur and under	--	--	0	460	21	45	--	10	--	56	460
Greater than 15 to 500 ppm sulfur	--	--	--	3	--	--	--	-5	--	3	5
Greater than 500 ppm sulfur	--	--	--	9	--	--	--	-2	--	6	5
Residual Fuel Oil	--	--	--	55	10	--	--	-10	--	1	74
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	9	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	25	1	--	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	28	9	--	--	-20	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	5	-5
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	5	-5
Special Naphthas	--	--	--	1	1	--	--	0	--	--	1
Lubricants	--	--	--	4	2	--	--	-7	--	9	4
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	127	--	-3	--	-7	--	92	39
Marketable	--	--	--	99	--	-3	--	-7	--	92	11
Catalyst	--	--	--	28	--	--	--	--	--	--	28
Asphalt and Road Oil	--	--	--	31	2	16	--	-2	--	1	50
Still Gas	--	--	--	120	--	--	--	--	--	--	120
Miscellaneous Products	--	--	--	12	--	--	--	0	--	0	12
Total	856	0	35	2,730	1,576	483	124	73	2,573	302	2,856

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, August 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	749	54	--	--	1,144	76	149	-50	2,223	--	0
Hydrocarbon Gas Liquids	63	-49	0	72	47	20	--	23	23	57	50
Natural Gas Liquids	63	-49	0	68	47	20	--	22	23	57	46
Ethane	0	--	--	--	--	--	--	--	--	--	0
Propane	8	-1	--	34	26	10	--	12	--	30	36
Normal Butane	18	-14	--	33	19	7	--	13	1	27	21
Isobutane	6	-5	--	1	2	3	--	-2	21	0	-12
Natural Gasoline	31	-29	0	--	--	--	--	0	1	1	0
Refinery Olefins	--	--	--	5	--	--	--	0	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	6	--	--	--	0	--	--	6
Normal Butylene	--	--	--	-1	--	--	--	0	--	--	-1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-5	32	--	93	349	-41	-93	437	23	60
Hydrogen/Biofuels/Other Hydrocarbons	--	--	32	--	30	200	34	-2	226	11	60
Hydrogen	--	--	--	--	--	--	46	--	46	--	0
Biofuels (including Fuel Ethanol)	--	--	32	--	30	200	-13	-2	179	11	60
Fuel Ethanol	--	--	7	--	14	166	-13	14	153	7	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	25	--	15	34	--	-16	26	4	60
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-5	--	--	62	--	--	3	47	6	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	1	150	-75	-94	165	6	0
Reformulated	--	--	0	--	--	63	-15	-54	102	--	0
Conventional	--	--	--	--	1	87	-60	-40	63	6	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3	2,755	135	57	88	-85	--	235	2,888
Finished Motor Gasoline	--	--	2	1,481	13	3	88	-10	--	20	1,577
Reformulated	--	--	--	1,035	--	--	10	0	--	--	1,045
Conventional	--	--	2	446	13	3	77	-10	--	20	532
Finished Aviation Gasoline	--	--	--	2	0	--	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	0	431	68	10	--	-25	--	25	510
Kerosene	--	--	--	0	--	--	--	0	--	6	-6
Distillate Fuel Oil	--	--	0	472	42	30	--	-39	--	65	517
15 ppm sulfur and under	--	--	0	446	31	30	--	-38	--	41	505
Greater than 15 to 500 ppm sulfur	--	--	--	12	10	--	--	1	--	0	21
Greater than 500 ppm sulfur	--	--	--	14	--	--	--	-2	--	24	-9
Residual Fuel Oil	--	--	--	77	4	--	--	4	--	11	65
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	20	1	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	54	2	--	--	6	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	2	--	--	--	--	1	1
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	1	-1
Special Naphthas	--	--	--	1	1	--	--	0	--	--	2
Lubricants	--	--	--	4	0	--	--	-7	--	5	5
Waxes	--	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	--	125	--	1	--	1	--	101	24
Marketable	--	--	--	94	--	1	--	1	--	101	-6
Catalyst	--	--	--	30	--	--	--	--	--	--	30
Asphalt and Road Oil	--	--	--	30	5	13	--	-9	--	1	57
Still Gas	--	--	--	122	--	--	--	--	--	--	122
Miscellaneous Products	--	--	--	12	--	--	--	0	--	0	12
Total	812	0	34	2,827	1,419	503	196	-205	2,683	316	2,997

-- = Not Applicable.
- = No Data Reported.
NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, September 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	783	62	--	--	1,262	94	-50	-4	2,155	--	0
Hydrocarbon Gas Liquids	65	-51	0	58	40	20	--	27	20	56	28
Natural Gas Liquids	65	-51	0	55	40	20	--	25	20	56	28
Ethane	--	--	--	--	--	--	--	--	--	0	0
Propane	8	-1	--	31	24	10	--	10	--	20	42
Normal Butane	18	-14	--	20	16	6	--	14	3	35	-6
Isobutane	7	-6	--	4	1	4	--	1	16	0	-8
Natural Gasoline	32	-31	0	--	--	--	--	0	1	1	0
Refinery Olefins	--	--	--	2	--	--	--	2	--	--	1
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	4	--	--	--	0	--	--	4
Normal Butylene	--	--	--	-2	--	--	--	2	--	--	-4
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-10	34	--	69	278	28	-80	427	20	32
Hydrogen/Biofuels/Other Hydrocarbons	--	--	34	--	13	139	77	0	220	10	32
Hydrogen	--	--	--	--	--	--	44	--	44	--	0
Biofuels (including Fuel Ethanol)	--	--	34	--	13	139	33	0	176	10	32
Fuel Ethanol	--	--	7	--	--	115	33	-3	149	8	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	28	--	13	24	--	3	27	3	32
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-10	--	--	35	--	--	-15	38	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	22	139	-49	-65	169	9	0
Reformulated	--	--	0	--	--	65	3	-40	108	0	0
Conventional	--	--	--	--	22	75	-52	-25	61	9	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3	2,716	120	59	17	-66	--	216	2,765
Finished Motor Gasoline	--	--	2	1,446	18	4	17	-5	--	15	1,478
Reformulated	--	--	--	1,021	--	--	-4	0	--	--	1,017
Conventional	--	--	2	425	18	4	21	-5	--	15	461
Finished Aviation Gasoline	--	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	0	421	75	8	--	9	--	10	486
Kerosene	--	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	466	22	34	--	-29	--	57	493
15 ppm sulfur and under	--	--	0	454	22	34	--	-22	--	36	496
Greater than 15 to 500 ppm sulfur	--	--	--	6	--	--	--	-2	--	1	7
Greater than 500 ppm sulfur	--	--	--	5	--	--	--	-6	--	21	-10
Residual Fuel Oil	--	--	--	87	2	--	--	-28	--	20	97
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	-13	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	25	1	--	--	4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	60	1	--	--	-18	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	1	1	--	--	0	--	--	2
Lubricants	--	--	--	8	0	--	--	1	--	4	4
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	122	--	-2	--	-8	--	109	19
Marketable	--	--	--	93	--	-2	--	-8	--	109	-10
Catalyst	--	--	--	29	--	--	--	--	--	--	29
Asphalt and Road Oil	--	--	--	30	1	15	--	-6	--	1	52
Still Gas	--	--	--	122	--	--	--	--	--	--	122
Miscellaneous Products	--	--	--	12	--	--	--	0	--	0	12
Total	848	0	37	2,774	1,492	451	-6	-124	2,602	292	2,826

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, October 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	774	30	--	--	1,214	70	80	37	2,132	--	0
Hydrocarbon Gas Liquids	66	-52	0	2	47	44	--	17	32	46	12
Natural Gas Liquids	66	-52	0	1	47	44	--	18	32	46	10
Ethane	--	--	--	--	--	--	--	--	--	--	--
Propane	8	-1	--	29	26	15	--	16	--	25	36
Normal Butane	19	-15	--	-27	20	24	--	3	20	20	-21
Isobutane	6	-6	--	-1	1	6	--	-1	12	0	-5
Natural Gasoline	33	-31	0	--	--	--	--	0	1	1	0
Refinery Olefins	--	--	--	1	--	--	--	-1	--	--	2
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	2	--	--	--	0	--	--	2
Normal Butylene	--	--	--	-1	--	--	--	-1	--	--	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	22	29	--	139	332	4	50	396	19	60
Hydrogen/Biofuels/Other Hydrocarbons	--	--	29	--	18	171	54	-18	221	8	60
Hydrogen	--	--	--	--	--	--	46	--	46	--	0
Biofuels (including Fuel Ethanol)	--	--	29	--	18	171	7	-18	175	8	60
Fuel Ethanol	--	--	6	--	--	138	7	-5	149	7	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	23	--	18	33	--	-13	26	1	60
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	22	--	--	63	--	--	-12	91	6	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	57	161	-50	80	84	5	0
Reformulated	--	--	0	--	11	69	18	59	39	0	0
Conventional	--	--	--	--	47	92	-68	21	45	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,732	160	68	43	42	--	219	2,744
Finished Motor Gasoline	--	--	2	1,443	38	3	43	16	--	18	1,495
Reformulated	--	--	--	1,015	--	--	-12	0	--	--	1,003
Conventional	--	--	2	428	38	3	55	16	--	18	491
Finished Aviation Gasoline	--	--	--	3	0	--	--	2	--	--	1
Kerosene-Type Jet Fuel	--	--	0	410	75	7	--	-5	--	12	485
Kerosene	--	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	0	486	17	38	--	29	--	56	456
15 ppm sulfur and under	--	--	0	456	17	38	--	25	--	47	439
Greater than 15 to 500 ppm sulfur	--	--	--	13	--	--	--	2	--	1	10
Greater than 500 ppm sulfur	--	--	--	16	--	--	--	3	--	7	7
Residual Fuel Oil	--	--	--	86	24	--	--	-3	--	13	100
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	-4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	23	19	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	60	5	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	2	-2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	2	-2
Special Naphthas	--	--	--	0	1	--	--	0	--	--	1
Lubricants	--	--	--	16	1	--	--	6	--	4	7
Waxes	--	--	--	--	2	--	--	--	--	0	2
Petroleum Coke	--	--	--	129	--	2	--	-1	--	114	18
Marketable	--	--	--	100	--	2	--	-1	--	114	-11
Catalyst	--	--	--	29	--	--	--	--	--	--	29
Asphalt and Road Oil	--	--	--	30	1	19	--	-3	--	1	52
Still Gas	--	--	--	117	--	--	--	--	--	--	117
Miscellaneous Products	--	--	--	12	--	--	--	0	--	0	12
Total	840	0	32	2,734	1,560	515	127	147	2,561	284	2,815

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	781	96	--	--	1,346	119	-70	-29	2,300	--	0
Hydrocarbon Gas Liquids	70	-58	0	-8	52	58	--	-20	44	51	39
Natural Gas Liquids	70	-58	0	-13	52	58	--	-18	44	51	33
Ethane	--	--	--	--	--	--	--	--	--	--	--
Propane	8	-1	--	31	32	16	--	-11	--	36	59
Normal Butane	20	-16	--	-47	21	37	--	-8	24	13	-14
Isobutane	7	-6	--	3	0	5	--	1	19	0	-12
Natural Gasoline	36	-34	0	--	--	--	--	-1	1	1	0
Refinery Olefins	--	--	--	5	--	--	--	-2	--	--	6
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	6	--	--	--	0	--	--	5
Normal Butylene	--	--	--	-1	--	--	--	-2	--	--	1
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-38	39	--	103	343	0	149	237	19	42
Hydrogen/Biofuels/Other Hydrocarbons	--	--	39	--	34	186	34	18	221	11	42
Hydrogen	--	--	--	--	--	--	48	--	48	--	0
Biofuels (including Fuel Ethanol)	--	--	39	--	34	186	-14	18	173	11	42
Fuel Ethanol	--	--	7	--	8	154	-14	0	146	9	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	31	--	26	32	--	18	27	2	42
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-38	--	--	51	--	--	-6	18	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	18	157	-33	137	-2	7	0
Reformulated	--	--	0	--	--	66	7	63	10	0	0
Conventional	--	--	--	--	18	91	-40	74	-11	7	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,753	134	69	47	18	--	285	2,703
Finished Motor Gasoline	--	--	2	1,412	17	3	47	-11	--	36	1,455
Reformulated	--	--	--	986	--	--	-4	0	--	--	982
Conventional	--	--	2	426	17	3	52	-11	--	36	474
Finished Aviation Gasoline	--	--	--	1	0	--	--	1	--	--	1
Kerosene-Type Jet Fuel	--	--	0	418	86	18	--	-8	--	31	500
Kerosene	--	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	552	15	38	--	24	--	69	512
15 ppm sulfur and under	--	--	0	522	15	38	--	20	--	66	490
Greater than 15 to 500 ppm sulfur	--	--	--	9	--	--	--	0	--	0	9
Greater than 500 ppm sulfur	--	--	--	20	--	--	--	3	--	3	14
Residual Fuel Oil	--	--	--	67	8	--	--	2	--	34	38
Less than 0.31 percent sulfur	--	--	--	2	--	--	--	-3	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	22	3	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	43	5	--	--	5	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	2	--	--	--	--	4	-2
Naphtha for Petro. Feed. Use	--	--	--	--	2	--	--	--	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	4	-4
Special Naphthas	--	--	--	1	1	--	--	0	--	--	2
Lubricants	--	--	--	16	0	--	--	2	--	9	5
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	129	--	-3	--	0	--	100	24
Marketable	--	--	--	99	--	-3	--	0	--	100	-6
Catalyst	--	--	--	30	--	--	--	--	--	--	30
Asphalt and Road Oil	--	--	--	26	5	13	--	9	--	1	35
Still Gas	--	--	--	119	--	--	--	--	--	--	119
Miscellaneous Products	--	--	--	14	--	--	--	0	--	0	14
Total	851	0	40	2,745	1,635	589	-23	118	2,581	355	2,784

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, December 2022
(Thousand Barrels per Day)

Commodity	Supply							Disposition			
	Field Production	Transfers to Crude Oil Supply	Biofuels Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	779	80	--	--	1,215	72	105	-23	2,244	32	0
Hydrocarbon Gas Liquids	71	-57	0	-13	53	68	--	-47	44	50	74
Natural Gas Liquids	71	-57	0	-18	53	68	--	-47	44	50	70
Ethane	0	--	--	--	--	--	--	--	--	--	0
Propane	8	-1	--	22	36	22	--	-21	--	36	73
Normal Butane	20	-17	--	-41	17	40	--	-23	29	12	1
Isobutane	7	-6	--	1	--	6	--	-2	14	0	-4
Natural Gasoline	36	-33	0	--	--	--	--	0	1	2	0
Refinery Olefins	--	--	--	5	--	--	--	0	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	--	5	--	--	--	0	--	--	5
Normal Butylene	--	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	-23	33	--	105	308	-34	70	269	10	39
Hydrogen/Biofuels/Other Hydrocarbons	--	--	33	--	27	147	63	17	210	4	39
Hydrogen	--	--	--	--	--	--	44	--	44	--	0
Biofuels (including Fuel Ethanol)	--	--	33	--	27	147	19	17	166	4	39
Fuel Ethanol	--	--	6	--	--	116	19	-4	141	3	0
Biofuels (excluding Fuel Ethanol) ⁶	--	--	27	--	27	31	--	21	24	1	39
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	-23	--	--	57	--	--	19	14	1	0
Motor Gasoline Blend.Comp. (MGBC)	--	--	0	--	20	161	-97	34	46	5	0
Reformulated	--	--	0	--	--	66	-20	24	21	0	0
Conventional	--	--	--	--	20	96	-77	10	25	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2	2,710	108	53	78	69	--	372	2,511
Finished Motor Gasoline	--	--	2	1,388	16	3	78	9	--	65	1,412
Reformulated	--	--	--	968	--	--	19	0	--	--	987
Conventional	--	--	2	420	16	3	59	9	--	65	426
Finished Aviation Gasoline	--	--	--	2	0	--	--	1	--	--	1
Kerosene-Type Jet Fuel	--	--	0	431	78	9	--	3	--	34	481
Kerosene	--	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	0	510	6	27	--	18	--	112	412
15 ppm sulfur and under	--	--	0	488	6	27	--	18	--	93	410
Greater than 15 to 500 ppm sulfur	--	--	--	10	--	--	--	-2	--	14	-2
Greater than 500 ppm sulfur	--	--	--	12	--	--	--	2	--	6	4
Residual Fuel Oil	--	--	--	74	4	--	--	20	--	28	30
Less than 0.31 percent sulfur	--	--	--	1	--	--	--	4	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	--	21	1	--	--	1	--	NA	NA
Greater than 1.00 percent sulfur	--	--	--	52	2	--	--	15	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	5	-5
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	5	-5
Special Naphthas	--	--	--	1	1	--	--	0	--	--	1
Lubricants	--	--	--	11	2	--	--	6	--	2	4
Waxes	--	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	--	132	--	-2	--	-1	--	125	6
Marketable	--	--	--	103	--	-2	--	-1	--	125	-23
Catalyst	--	--	--	29	--	--	--	--	--	--	29
Asphalt and Road Oil	--	--	--	24	2	15	--	12	--	1	29
Still Gas	--	--	--	124	--	--	--	--	--	--	124
Miscellaneous Products	--	--	--	14	--	--	--	0	--	0	14
Total	850	0	35	2,697	1,480	502	150	69	2,557	463	2,625

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus biofuels plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes biodiesel, renewable diesel fuel, renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, January 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,782	50,983	252,453	25,633	25,021	355,873	11,480
Alaskan	--	--	--	--	--	13,938	450
Lower 48 States	--	--	--	--	--	341,935	11,030
Transfers to Crude Oil Supply	1,094	-1,016	5,419	281	2,267	8,046	260
Imports (PAD District of Entry)	16,109	93,354	40,840	11,882	36,130	198,315	6,397
Commercial	16,109	93,354	40,840	11,882	36,130	198,315	6,397
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,769	-27,411	42,162	-19,357	1,837	--	--
Adjustments ¹	1,136	-423	5,636	-805	2,851	8,397	271
Disposition							
Stock Change ²	-360	-7,041	-9,300	-582	4,448	-12,835	-414
Commercial	-360	-7,041	-3,935	-582	4,448	-7,470	-241
SPR	--	--	-5,365	--	--	-5,365	-173
Refinery Inputs	21,529	121,369	254,725	18,217	63,658	479,498	15,468
Exports	1,721	1,160	101,086	--	--	103,967	3,354
Ending Stocks							
Total	7,035	110,478	809,576	23,746	51,196	1,002,031	--
Commercial	7,035	110,478	221,259	23,746	51,196	413,714	--
Refinery	5,527	13,290	43,014	2,542	22,146	86,519	--
Tank Farms and Pipelines	1,508	97,188	178,245	21,204	23,009	321,154	--
Cushing, Oklahoma	--	28,914	--	--	--	28,914	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	6,041	6,041	--
SPR	--	--	588,317	--	--	588,317	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	58.7	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	33.1	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	16,109	93,354	40,840	11,882	36,130	198,315	6,397
PAD District of Processing	16,670	84,256	51,933	9,208	36,248	198,315	6,397

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, February 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,649	46,056	220,930	23,555	23,032	315,221	11,258
Alaskan	--	--	--	--	--	12,607	450
Lower 48 States	--	--	--	--	--	302,613	10,808
Transfers to Crude Oil Supply	1,695	-454	10,858	241	2,600	14,940	534
Imports (PAD District of Entry)	16,409	79,386	33,943	11,155	31,579	172,472	6,160
Commercial	16,409	79,386	33,943	11,155	31,579	172,472	6,160
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,102	-22,092	35,202	-16,917	1,705	--	--
Adjustments ¹	-1,289	-720	8,939	-1,693	-539	4,697	168
Disposition							
Stock Change ²	788	-8,060	-6,119	314	-1,556	-14,633	-523
Commercial	788	-8,060	3,326	314	-1,556	-5,188	-185
SPR	--	--	-9,445	--	--	-9,445	-337
Refinery Inputs	18,318	108,695	228,755	16,027	59,329	431,124	15,397
Exports	1,459	1,540	87,236	--	603	90,839	3,244
Ending Stocks							
Total	7,823	102,418	803,457	24,060	49,640	987,398	--
Commercial	7,823	102,418	224,585	24,060	49,640	408,526	--
Refinery	6,330	12,412	42,096	2,521	21,854	85,213	--
Tank Farms and Pipelines	1,493	90,006	182,489	21,539	24,523	320,050	--
Cushing, Oklahoma	--	22,705	--	--	--	22,705	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	3,263	3,263	--
SPR	--	--	578,872	--	--	578,872	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	58.6	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	33.2	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	16,409	79,386	33,943	11,155	31,579	172,472	6,160
PAD District of Processing	17,082	72,229	43,241	8,105	31,815	172,472	6,160

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).
Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, March 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,992	53,005	259,326	26,649	25,015	365,987	11,806
Alaskan	--	--	--	--	--	13,635	440
Lower 48 States	--	--	--	--	--	352,351	11,366
Transfers to Crude Oil Supply	2,111	247	6,780	373	4,121	13,632	440
Imports (PAD District of Entry)	14,437	94,146	40,084	13,505	36,752	198,924	6,417
Commercial	14,437	94,146	40,084	13,505	36,752	198,924	6,417
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	4,191	-22,455	34,167	-18,760	2,857	--	--
Adjustments ¹	-3,065	-2,195	12,391	-2,650	173	4,653	150
Disposition							
Stock Change ²	-839	4,573	-9,659	1,638	-2,843	-7,130	-230
Commercial	-839	4,573	3,152	1,638	-2,843	5,681	183
SPR	--	--	-12,811	--	--	-12,811	-413
Refinery Inputs	19,790	115,295	267,871	17,479	70,816	491,251	15,847
Exports	714	2,881	94,535	--	945	99,075	3,196
Ending Stocks							
Total	6,984	106,991	793,798	25,698	46,797	980,268	--
Commercial	6,984	106,991	227,737	25,698	46,797	414,207	--
Refinery	5,500	13,124	41,286	2,607	18,556	81,073	--
Tank Farms and Pipelines	1,484	93,867	186,451	23,091	24,249	329,142	--
Cushing, Oklahoma	--	26,158	--	--	--	26,158	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	3,992	3,992	--
SPR	--	--	566,061	--	--	566,061	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	57.7	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	32.9	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	14,437	94,146	40,084	13,505	36,752	198,924	6,417
PAD District of Processing	15,206	84,977	51,877	9,816	37,048	198,924	6,417

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, April 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,842	45,093	256,086	25,781	24,294	353,095	11,770
Alaskan	--	--	--	--	--	13,246	442
Lower 48 States	--	--	--	--	--	339,850	11,328
Transfers to Crude Oil Supply	1,256	1,876	7,507	276	1,661	12,575	419
Imports (PAD District of Entry)	17,021	81,286	37,049	10,956	35,475	181,787	6,060
Commercial	17,021	81,286	37,049	10,956	35,475	181,787	6,060
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	3,269	-16,611	30,779	-20,518	3,081	--	--
Adjustments ¹	-783	-664	16,548	-2,545	-443	12,113	404
Disposition							
Stock Change ²	755	-1,598	-13,273	-2,506	1,602	-15,020	-501
Commercial	755	-1,598	4,922	-2,506	1,602	3,175	106
SPR	--	--	-18,195	--	--	-18,195	-607
Refinery Inputs	20,388	110,541	259,598	16,456	62,466	469,449	15,648
Exports	1,462	2,036	101,643	--	--	105,141	3,505
Ending Stocks							
Total	7,739	105,393	780,525	23,192	48,399	965,248	--
Commercial	7,739	105,393	232,659	23,192	48,399	417,382	--
Refinery	6,157	11,974	44,063	2,497	20,132	84,823	--
Tank Farms and Pipelines	1,582	93,419	188,596	20,695	23,066	327,358	--
Cushing, Oklahoma	--	29,082	--	--	--	29,082	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	5,201	5,201	--
SPR	--	--	547,866	--	--	547,866	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	56.8	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	32.2	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	17,021	81,286	37,049	10,956	35,475	181,787	6,060
PAD District of Processing	17,647	73,943	47,042	7,324	35,831	181,787	6,060

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, May 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,828	51,695	259,097	26,820	24,327	363,766	11,734
Alaskan	--	--	--	--	--	13,865	447
Lower 48 States	--	--	--	--	--	349,901	11,287
Transfers to Crude Oil Supply	1,633	1,784	4,283	389	1,918	10,007	323
Imports (PAD District of Entry)	17,489	86,795	44,668	10,415	31,705	191,072	6,164
Commercial	17,489	86,795	44,668	10,415	31,705	191,072	6,164
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,386	-16,698	32,388	-19,536	1,460	--	--
Adjustments ¹	976	-3,176	9,726	-842	7,270	13,955	450
Disposition							
Stock Change ²	-619	-1,960	-25,126	2,540	-1,909	-27,074	-873
Commercial	-619	-1,960	-369	2,540	-1,909	-2,317	-75
SPR	--	--	-24,757	--	--	-24,757	-799
Refinery Inputs	24,185	120,848	275,074	14,707	68,588	503,402	16,239
Exports	747	1,511	100,214	0	--	102,473	3,306
Ending Stocks							
Total	7,120	103,433	755,399	25,732	46,490	938,174	--
Commercial	7,120	103,433	232,290	25,732	46,490	415,065	--
Refinery	5,239	13,021	44,507	2,830	18,268	83,865	--
Tank Farms and Pipelines	1,881	90,412	187,783	22,902	23,779	326,757	--
Cushing, Oklahoma	--	23,874	--	--	--	23,874	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	4,443	4,443	--
SPR	--	--	523,109	--	--	523,109	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	55.8	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	30.9	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	17,489	86,795	44,668	10,415	31,705	191,072	6,164
PAD District of Processing	18,176	75,869	58,511	6,514	32,002	191,072	6,164

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, June 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,636	50,916	252,680	26,087	22,691	354,009	11,800
Alaskan	--	--	--	--	--	12,559	419
Lower 48 States	--	--	--	--	--	341,450	11,382
Transfers to Crude Oil Supply	1,076	568	7,322	417	1,474	10,858	362
Imports (PAD District of Entry)	19,131	85,072	40,007	11,333	38,668	194,211	6,474
Commercial	19,131	85,072	40,007	11,333	38,668	194,211	6,474
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,987	-9,963	23,276	-20,404	4,104	--	--
Adjustments ¹	1,163	-2,280	17,458	-867	-848	14,627	488
Disposition							
Stock Change ²	1,591	278	-27,121	-1,632	-167	-27,051	-902
Commercial	1,591	278	2,664	-1,632	-167	2,734	91
SPR	--	--	-29,785	--	--	-29,785	-993
Refinery Inputs	23,669	120,595	268,411	18,198	66,257	497,130	16,571
Exports	732	3,440	99,454	--	--	103,626	3,454
Ending Stocks							
Total	8,711	103,711	728,278	24,100	46,323	911,123	--
Commercial	8,711	103,711	234,954	24,100	46,323	417,799	--
Refinery	6,397	13,677	43,160	2,270	18,959	84,463	--
Tank Farms and Pipelines	2,314	90,034	191,794	21,830	21,109	327,081	--
Cushing, Oklahoma	--	21,540	--	--	--	21,540	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	6,255	6,255	--
SPR	--	--	493,324	--	--	493,324	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	54.1	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	29.5	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	19,131	85,072	40,007	11,333	38,668	194,211	6,474
PAD District of Processing	19,813	74,641	52,663	7,952	39,142	194,211	6,474

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, July 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,851	51,443	262,091	26,916	24,562	366,863	11,834
Alaskan	--	--	--	--	--	13,379	432
Lower 48 States	--	--	--	--	--	353,485	11,403
Transfers to Crude Oil Supply	1,544	-703	8,697	320	2,601	12,458	402
Imports (PAD District of Entry)	20,289	83,060	50,679	12,621	37,862	204,511	6,597
Commercial	20,289	83,060	50,679	12,621	37,862	204,511	6,597
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,477	-8,798	24,383	-20,118	2,057	--	--
Adjustments ¹	779	-552	16,242	-603	2,445	18,311	591
Disposition							
Stock Change ²	-1,260	5,281	-26,405	-456	3,798	-19,042	-614
Commercial	-1,260	5,281	-1,087	-456	3,798	6,276	202
SPR	--	--	-25,318	--	--	-25,318	-817
Refinery Inputs	24,634	117,910	279,234	19,591	65,729	507,098	16,358
Exports	3,567	1,259	109,262	--	--	114,088	3,680
Ending Stocks							
Total	7,451	108,992	701,873	23,644	50,121	892,081	--
Commercial	7,451	108,992	233,867	23,644	50,121	424,075	--
Refinery	6,057	14,246	45,511	2,510	22,775	91,099	--
Tank Farms and Pipelines	1,394	94,746	188,356	21,134	23,784	329,414	--
Cushing, Oklahoma	--	24,863	--	--	--	24,863	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	3,562	3,562	--
SPR	--	--	468,006	--	--	468,006	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	52.5	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	27.8	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	20,289	83,060	50,679	12,621	37,862	204,511	6,597
PAD District of Processing	20,972	73,223	62,770	9,273	38,273	204,511	6,597

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, August 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,776	51,722	267,150	27,672	23,222	371,542	11,985
Alaskan	--	--	--	--	--	12,808	413
Lower 48 States	--	--	--	--	--	358,735	11,572
Transfers to Crude Oil Supply	1,887	-837	10,568	441	1,677	13,736	443
Imports (PAD District of Entry)	19,735	91,267	37,472	12,385	35,466	196,325	6,333
Commercial	19,735	91,267	37,472	12,385	35,466	196,325	6,333
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,840	-14,814	30,078	-20,467	2,363	--	--
Adjustments ¹	1,386	-8,942	15,561	-1,720	4,627	10,912	352
Disposition							
Stock Change ²	-407	-2,576	-21,812	-890	-1,554	-27,239	-879
Commercial	-407	-2,576	1,137	-890	-1,554	-4,290	-138
SPR	--	--	-22,949	--	--	-22,949	-740
Refinery Inputs	25,131	119,440	276,575	19,202	68,910	509,258	16,428
Exports	2,899	1,532	106,065	--	--	110,497	3,564
Ending Stocks							
Total	7,044	106,416	680,061	22,754	48,567	864,842	--
Commercial	7,044	106,416	235,004	22,754	48,567	419,785	--
Refinery	5,457	13,395	43,857	2,262	20,295	85,266	--
Tank Farms and Pipelines	1,587	93,021	191,147	20,492	24,945	331,192	--
Cushing, Oklahoma	--	24,714	--	--	--	24,714	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	3,327	3,327	--
SPR	--	--	445,057	--	--	445,057	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	51.5	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	26.8	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	19,735	91,267	37,472	12,385	35,466	196,325	6,333
PAD District of Processing	20,479	81,312	50,188	8,585	35,761	196,325	6,333

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, September 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,700	51,530	266,438	26,589	23,498	369,756	12,325
Alaskan	--	--	--	--	--	12,905	430
Lower 48 States	--	--	--	--	--	356,850	11,895
Transfers to Crude Oil Supply	850	-2,928	12,778	324	1,856	12,879	429
Imports (PAD District of Entry)	17,698	85,382	35,132	12,003	37,855	188,070	6,269
Commercial	17,698	85,382	35,132	12,003	37,855	188,070	6,269
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	3,536	-19,555	32,417	-19,206	2,808	--	--
Adjustments ¹	162	5,005	2,608	-725	-1,499	5,551	185
Disposition							
Stock Change ²	553	2,692	-23,282	717	-129	-19,449	-648
Commercial	553	2,692	5,382	717	-129	9,215	307
SPR	--	--	-28,664	--	--	-28,664	-955
Refinery Inputs	22,457	114,616	264,249	18,268	64,646	484,236	16,141
Exports	936	2,126	108,407	--	--	111,469	3,716
Ending Stocks							
Total	7,597	109,108	656,779	23,471	48,438	845,393	--
Commercial	7,597	109,108	240,386	23,471	48,438	429,000	--
Refinery	5,650	13,905	43,435	2,387	19,507	84,884	--
Tank Farms and Pipelines	1,947	95,203	196,951	21,084	23,421	338,606	--
Cushing, Oklahoma	--	25,400	--	--	--	25,400	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	5,510	5,510	--
SPR	--	--	416,393	--	--	416,393	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	49.3	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	25.5	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	17,698	85,382	35,132	12,003	37,855	188,070	6,269
PAD District of Processing	18,445	75,633	47,332	8,513	38,147	188,070	6,269

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, October 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,696	53,680	276,366	27,954	24,007	383,704	12,378
Alaskan	--	--	--	--	--	13,483	435
Lower 48 States	--	--	--	--	--	370,221	11,943
Transfers to Crude Oil Supply	1,799	235	14,894	397	933	18,257	589
Imports (PAD District of Entry)	20,628	86,977	35,278	12,893	37,646	193,422	6,239
Commercial	20,628	86,977	35,278	12,893	37,646	193,422	6,239
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	3,333	-15,804	31,973	-21,666	2,164	--	--
Adjustments ¹	-2,499	404	11,051	-857	2,486	10,585	341
Disposition							
Stock Change ²	814	4,591	-13,744	38	1,155	-7,146	-231
Commercial	814	4,591	4,080	38	1,155	10,678	344
SPR	--	--	-17,824	--	--	-17,824	-575
Refinery Inputs	24,143	118,356	261,787	18,683	66,081	489,050	15,776
Exports	--	2,545	121,520	--	--	124,064	4,002
Ending Stocks							
Total	8,411	113,699	643,035	23,509	49,593	838,247	--
Commercial	8,411	113,699	244,466	23,509	49,593	439,678	--
Refinery	6,098	13,660	43,776	2,276	22,681	88,491	--
Tank Farms and Pipelines	2,313	100,039	200,690	21,233	24,770	349,045	--
Cushing, Oklahoma	--	28,485	--	--	--	28,485	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	2,142	2,142	--
SPR	--	--	398,569	--	--	398,569	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	47.5	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	24.5	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	20,628	86,977	35,278	12,893	37,646	193,422	6,239
PAD District of Processing	20,993	78,178	47,112	9,137	38,002	193,422	6,239

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, November 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,717	51,875	267,057	27,217	23,415	371,281	12,376
Alaskan	--	--	--	--	--	13,340	445
Lower 48 States	--	--	--	--	--	357,940	11,931
Transfers to Crude Oil Supply	1,478	604	9,097	277	2,884	14,341	478
Imports (PAD District of Entry)	19,062	85,935	30,404	11,807	40,374	187,582	6,253
Commercial	19,062	85,935	30,404	11,807	40,374	187,582	6,253
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	3,164	-24,526	37,662	-19,864	3,564	--	--
Adjustments ¹	-1,869	-2,345	17,202	-613	-2,108	10,267	342
Disposition							
Stock Change ²	-1,071	-6,870	-25,788	1,393	-871	-33,207	-1,107
Commercial	-1,071	-6,870	-15,638	1,393	-871	-23,057	-769
SPR	--	--	-10,150	--	--	-10,150	-338
Refinery Inputs	24,623	115,856	266,602	17,432	69,001	493,514	16,450
Exports	--	2,556	120,608	0	--	123,164	4,105
Ending Stocks							
Total	7,340	106,829	617,247	24,902	48,722	805,040	--
Commercial	7,340	106,829	228,828	24,902	48,722	416,621	--
Refinery	5,144	13,799	40,944	2,598	20,076	82,561	--
Tank Farms and Pipelines	2,196	93,030	187,884	22,304	24,808	330,222	--
Cushing, Oklahoma	--	24,204	--	--	--	24,204	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	3,838	3,838	--
SPR	--	--	388,419	--	--	388,419	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	48.2	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	24.0	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	19,062	85,935	30,404	11,807	40,374	187,582	6,253
PAD District of Processing	19,686	78,595	40,361	8,212	40,728	187,582	6,253

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, December 2022
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	1,731	48,287	276,048	26,054	24,160	376,280	12,138
Alaskan	--	--	--	--	--	13,846	447
Lower 48 States	--	--	--	--	--	362,434	11,691
Transfers to Crude Oil Supply	1,374	2,058	5,419	247	2,488	11,586	374
Imports (PAD District of Entry)	18,987	82,495	34,367	12,460	37,673	185,982	5,999
Commercial	18,987	82,495	34,367	12,460	37,673	185,982	5,999
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	3,361	-15,916	30,319	-19,999	2,234	--	--
Adjustments ¹	-306	-258	16,097	-1,954	3,267	16,846	543
Disposition							
Stock Change ²	272	177	-2,156	-481	-720	-2,908	-94
Commercial	272	177	14,233	-481	-720	13,481	435
SPR	--	--	-16,389	--	--	-16,389	-529
Refinery Inputs	23,493	114,315	252,026	17,289	69,562	476,685	15,377
Exports	1,383	2,173	112,379	--	980	116,916	3,771
Ending Stocks							
Total	7,612	107,006	615,091	24,421	48,002	802,132	--
Commercial	7,612	107,006	243,061	24,421	48,002	430,102	--
Refinery	5,642	13,680	45,341	2,449	20,535	87,647	--
Tank Farms and Pipelines	1,970	93,326	197,720	21,972	24,611	339,599	--
Cushing, Oklahoma	--	26,095	--	--	--	26,095	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	2,856	2,856	--
SPR	--	--	372,030	--	--	372,030	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	46.4	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	23.3	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	18,987	82,495	34,367	12,460	37,673	185,982	5,999
PAD District of Processing	19,607	74,976	44,620	8,756	38,023	185,982	5,999

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 14. Production of Crude Oil by PAD District and State, January 2022
(Thousand Barrels)

PAD District and State	January 2022	
	Total	Daily Average
PAD District 1	1,782	57
Florida	81	3
New York	23	1
Pennsylvania	425	14
Virginia	1	0
West Virginia	1,253	40
PAD District 2	50,983	1,645
Illinois	567	18
Indiana	138	4
Kansas	2,202	71
Kentucky	62	2
Michigan	382	12
Missouri	5	0
Nebraska	116	4
North Dakota	33,457	1,079
Ohio	1,570	51
Oklahoma	12,388	400
South Dakota	84	3
Tennessee	12	0
PAD District 3	252,453	8,144
Alabama	340	11
Arkansas	376	12
Louisiana	2,878	93
Mississippi	1,101	36
New Mexico	42,355	1,366
Texas	153,327	4,946
Federal Offshore PAD District 3	52,076	1,680
PAD District 4	25,633	827
Colorado	13,525	436
Idaho	2	0
Montana	1,609	52
Utah	3,354	108
Wyoming	7,144	230
PAD District 5	25,021	807
Alaska	13,938	450
South Alaska	289	9
North Slope	13,649	440
Arizona	0	0
California	10,847	350
Nevada	17	1
Federal Offshore PAD District 5	218	7
U.S. Total	355,873	11,480

– = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, February 2022
(Thousand Barrels)

PAD District and State	February 2022	
	Total	Daily Average
PAD District 1	1,649	59
Florida	102	4
New York	20	1
Pennsylvania	340	12
Virginia	1	0
West Virginia	1,185	42
PAD District 2	46,056	1,645
Illinois	508	18
Indiana	124	4
Kansas	2,134	76
Kentucky	155	6
Michigan	355	13
Missouri	5	0
Nebraska	93	3
North Dakota	30,330	1,083
Ohio	1,418	51
Oklahoma	10,841	387
South Dakota	77	3
Tennessee	15	1
PAD District 3	220,930	7,890
Alabama	333	12
Arkansas	342	12
Louisiana	2,650	95
Mississippi	999	36
New Mexico	39,725	1,419
Texas	131,722	4,704
Federal Offshore PAD District 3	45,159	1,613
PAD District 4	23,555	841
Colorado	12,464	445
Idaho	2	0
Montana	1,433	51
Utah	3,103	111
Wyoming	6,553	234
PAD District 5	23,032	823
Alaska	12,607	450
South Alaska	263	9
North Slope	12,344	441
Arizona	0	0
California	10,178	364
Nevada	16	1
Federal Offshore PAD District 5	230	8
U.S. Total	315,221	11,258

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding. Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, March 2022
(Thousand Barrels)

PAD District and State	March 2022	
	Total	Daily Average
PAD District 1	1,992	64
Florida	122	4
New York	23	1
Pennsylvania	446	14
Virginia	1	0
West Virginia	1,400	45
PAD District 2	53,005	1,710
Illinois	625	20
Indiana	136	4
Kansas	2,479	80
Kentucky	303	10
Michigan	385	12
Missouri	6	0
Nebraska	139	4
North Dakota	34,622	1,117
Ohio	1,570	51
Oklahoma	12,641	408
South Dakota	84	3
Tennessee	16	1
PAD District 3	259,326	8,365
Alabama	318	10
Arkansas	378	12
Louisiana	3,043	98
Mississippi	1,094	35
New Mexico	46,329	1,494
Texas	155,931	5,030
Federal Offshore PAD District 3	52,232	1,685
PAD District 4	26,649	860
Colorado	13,958	450
Idaho	2	0
Montana	1,698	55
Utah	3,507	113
Wyoming	7,484	241
PAD District 5	25,015	807
Alaska	13,635	440
South Alaska	289	9
North Slope	13,346	431
Arizona	0	0
California	11,128	359
Nevada	18	1
Federal Offshore PAD District 5	234	8
U.S. Total	365,987	11,806

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.
Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, April 2022
(Thousand Barrels)

PAD District and State	April 2022	
	Total	Daily Average
PAD District 1	1,842	61
Florida	122	4
New York	22	1
Pennsylvania	397	13
Virginia	0	0
West Virginia	1,301	43
PAD District 2	45,093	1,503
Illinois	578	19
Indiana	140	5
Kansas	2,363	79
Kentucky	165	5
Michigan	348	12
Missouri	6	0
Nebraska	91	3
North Dakota	26,981	899
Ohio	1,831	61
Oklahoma	12,507	417
South Dakota	70	2
Tennessee	12	0
PAD District 3	256,086	8,536
Alabama	299	10
Arkansas	382	13
Louisiana	3,124	104
Mississippi	1,041	35
New Mexico	46,322	1,544
Texas	152,291	5,076
Federal Offshore PAD District 3	52,628	1,754
PAD District 4	25,781	859
Colorado	13,418	447
Idaho	3	0
Montana	1,624	54
Utah	3,409	114
Wyoming	7,328	244
PAD District 5	24,294	810
Alaska	13,246	442
South Alaska	295	10
North Slope	12,951	432
Arizona	1	0
California	10,816	361
Nevada	17	1
Federal Offshore PAD District 5	215	7
U.S. Total	353,095	11,770

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding. Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, May 2022
(Thousand Barrels)

PAD District and State	May 2022	
	Total	Daily Average
PAD District 1	1,828	59
Florida	124	4
New York	23	1
Pennsylvania	397	13
Virginia	1	0
West Virginia	1,284	41
PAD District 2	51,695	1,668
Illinois	593	19
Indiana	146	5
Kansas	2,385	77
Kentucky	137	4
Michigan	387	12
Missouri	6	0
Nebraska	93	3
North Dakota	32,553	1,050
Ohio	1,892	61
Oklahoma	13,408	433
South Dakota	82	3
Tennessee	12	0
PAD District 3	259,097	8,358
Alabama	323	10
Arkansas	378	12
Louisiana	3,194	103
Mississippi	1,093	35
New Mexico	48,381	1,561
Texas	155,905	5,029
Federal Offshore PAD District 3	49,824	1,607
PAD District 4	26,820	865
Colorado	13,630	440
Idaho	2	0
Montana	1,651	53
Utah	3,711	120
Wyoming	7,825	252
PAD District 5	24,327	785
Alaska	13,865	447
South Alaska	297	10
North Slope	13,568	438
Arizona	0	0
California	10,214	329
Nevada	19	1
Federal Offshore PAD District 5	228	7
U.S. Total	363,766	11,734

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.
Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, June 2022
(Thousand Barrels)

PAD District and State	June 2022	
	Total	Daily Average
PAD District 1	1,636	55
Florida	67	2
New York	22	1
Pennsylvania	366	12
Virginia	1	0
West Virginia	1,180	39
PAD District 2	50,916	1,697
Illinois	590	20
Indiana	144	5
Kansas	2,455	82
Kentucky	109	4
Michigan	370	12
Missouri	6	0
Nebraska	136	5
North Dakota	32,610	1,087
Ohio	1,831	61
Oklahoma	12,569	419
South Dakota	83	3
Tennessee	12	0
PAD District 3	252,680	8,423
Alabama	307	10
Arkansas	367	12
Louisiana	3,075	103
Mississippi	1,021	34
New Mexico	46,608	1,554
Texas	149,248	4,975
Federal Offshore PAD District 3	52,054	1,735
PAD District 4	26,087	870
Colorado	12,987	433
Idaho	4	0
Montana	1,898	63
Utah	3,670	122
Wyoming	7,529	251
PAD District 5	22,691	756
Alaska	12,559	419
South Alaska	294	10
North Slope	12,265	409
Arizona	0	0
California	9,887	330
Nevada	21	1
Federal Offshore PAD District 5	223	7
U.S. Total	354,009	11,800

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.
Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, July 2022
(Thousand Barrels)

PAD District and State	July 2022	
	Total	Daily Average
PAD District 1	1,851	60
Florida	106	3
New York	23	1
Pennsylvania	370	12
Virginia	1	0
West Virginia	1,351	44
PAD District 2	51,443	1,659
Illinois	553	18
Indiana	137	4
Kansas	2,353	76
Kentucky	395	13
Michigan	385	12
Missouri	6	0
Nebraska	142	5
North Dakota	32,885	1,061
Ohio	1,880	61
Oklahoma	12,611	407
South Dakota	86	3
Tennessee	11	0
PAD District 3	262,091	8,455
Alabama	318	10
Arkansas	372	12
Louisiana	3,152	102
Mississippi	1,062	34
New Mexico	49,299	1,590
Texas	154,349	4,979
Federal Offshore PAD District 3	53,540	1,727
PAD District 4	26,916	868
Colorado	13,431	433
Idaho	4	0
Montana	1,879	61
Utah	3,887	125
Wyoming	7,715	249
PAD District 5	24,562	792
Alaska	13,379	432
South Alaska	304	10
North Slope	13,075	422
Arizona	1	0
California	10,926	352
Nevada	22	1
Federal Offshore PAD District 5	236	8
U.S. Total	366,863	11,834

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding. Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, August 2022
(Thousand Barrels)

PAD District and State	August 2022	
	Total	Daily Average
PAD District 1	1,776	57
Florida	107	3
New York	23	1
Pennsylvania	364	12
Virginia	0	0
West Virginia	1,282	41
PAD District 2	51,722	1,668
Illinois	593	19
Indiana	153	5
Kansas	2,515	81
Kentucky	173	6
Michigan	397	13
Missouri	6	0
Nebraska	142	5
North Dakota	32,936	1,062
Ohio	1,880	61
Oklahoma	12,830	414
South Dakota	85	3
Tennessee	10	0
PAD District 3	267,150	8,618
Alabama	325	10
Arkansas	374	12
Louisiana	3,064	99
Mississippi	1,061	34
New Mexico	49,892	1,609
Texas	157,842	5,092
Federal Offshore PAD District 3	54,593	1,761
PAD District 4	27,672	893
Colorado	13,556	437
Idaho	4	0
Montana	1,878	61
Utah	4,337	140
Wyoming	7,897	255
PAD District 5	23,222	749
Alaska	12,808	413
South Alaska	305	10
North Slope	12,503	403
Arizona	1	0
California	10,179	328
Nevada	19	1
Federal Offshore PAD District 5	217	7
U.S. Total	371,542	11,985

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding. Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, September 2022
(Thousand Barrels)

PAD District and State	September 2022	
	Total	Daily Average
PAD District 1	1,700	57
Florida	93	3
New York	22	1
Pennsylvania	357	12
Virginia	1	0
West Virginia	1,227	41
PAD District 2	51,530	1,718
Illinois	585	19
Indiana	144	5
Kansas	2,337	78
Kentucky	173	6
Michigan	384	13
Missouri	6	0
Nebraska	134	4
North Dakota	33,355	1,112
Ohio	1,820	61
Oklahoma	12,499	417
South Dakota	80	3
Tennessee	12	0
PAD District 3	266,438	8,881
Alabama	314	10
Arkansas	368	12
Louisiana	3,072	102
Mississippi	1,028	34
New Mexico	50,582	1,686
Texas	156,340	5,211
Federal Offshore PAD District 3	54,735	1,824
PAD District 4	26,589	886
Colorado	13,154	438
Idaho	4	0
Montana	1,743	58
Utah	3,944	131
Wyoming	7,745	258
PAD District 5	23,498	783
Alaska	12,905	430
South Alaska	283	9
North Slope	12,622	421
Arizona	0	0
California	10,360	345
Nevada	15	1
Federal Offshore PAD District 5	217	7
U.S. Total	369,756	12,325

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, October 2022
(Thousand Barrels)

PAD District and State	October 2022	
	Total	Daily Average
PAD District 1	1,696	55
Florida	100	3
New York	23	1
Pennsylvania	340	11
Virginia	1	0
West Virginia	1,233	40
PAD District 2	53,680	1,732
Illinois	595	19
Indiana	151	5
Kansas	2,375	77
Kentucky	129	4
Michigan	436	14
Missouri	6	0
Nebraska	146	5
North Dakota	34,355	1,108
Ohio	2,205	71
Oklahoma	13,189	425
South Dakota	81	3
Tennessee	11	0
PAD District 3	276,366	8,915
Alabama	326	11
Arkansas	380	12
Louisiana	3,268	105
Mississippi	1,080	35
New Mexico	53,640	1,730
Texas	162,210	5,233
Federal Offshore PAD District 3	55,461	1,789
PAD District 4	27,954	902
Colorado	13,689	442
Idaho	4	0
Montana	1,683	54
Utah	4,331	140
Wyoming	8,247	266
PAD District 5	24,007	774
Alaska	13,483	435
South Alaska	288	9
North Slope	13,195	426
Arizona	1	0
California	10,298	332
Nevada	20	1
Federal Offshore PAD District 5	206	7
U.S. Total	383,704	12,378

— = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.
Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, November 2022
(Thousand Barrels)

PAD District and State	November 2022	
	Total	Daily Average
PAD District 1	1,717	57
Florida	94	3
New York	22	1
Pennsylvania	367	12
Virginia	0	0
West Virginia	1,234	41
PAD District 2	51,875	1,729
Illinois	582	19
Indiana	143	5
Kansas	2,307	77
Kentucky	126	4
Michigan	382	13
Missouri	6	0
Nebraska	138	5
North Dakota	32,655	1,088
Ohio	2,211	74
Oklahoma	13,232	441
South Dakota	80	3
Tennessee	13	0
PAD District 3	267,057	8,902
Alabama	314	10
Arkansas	368	12
Louisiana	3,051	102
Mississippi	1,051	35
New Mexico	51,756	1,725
Texas	156,602	5,220
Federal Offshore PAD District 3	53,915	1,797
PAD District 4	27,217	907
Colorado	13,533	451
Idaho	4	0
Montana	1,732	58
Utah	3,977	133
Wyoming	7,971	266
PAD District 5	23,415	781
Alaska	13,340	445
South Alaska	264	9
North Slope	13,076	436
Arizona	0	0
California	9,829	328
Nevada	19	1
Federal Offshore PAD District 5	226	8
U.S. Total	371,281	12,376

– = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding. Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 14. Production of Crude Oil by PAD District and State, December 2022
(Thousand Barrels)

PAD District and State	December 2022	
	Total	Daily Average
PAD District 1	1,731	56
Florida	94	3
New York	23	1
Pennsylvania	340	11
Virginia	0	0
West Virginia	1,275	41
PAD District 2	48,287	1,558
Illinois	556	18
Indiana	133	4
Kansas	2,256	73
Kentucky	324	10
Michigan	358	12
Missouri	6	0
Nebraska	120	4
North Dakota	29,465	950
Ohio	2,170	70
Oklahoma	12,820	414
South Dakota	68	2
Tennessee	11	0
PAD District 3	276,048	8,905
Alabama	303	10
Arkansas	361	12
Louisiana	2,922	94
Mississippi	1,036	33
New Mexico	54,949	1,773
Texas	161,040	5,195
Federal Offshore PAD District 3	55,437	1,788
PAD District 4	26,054	840
Colorado	12,804	413
Idaho	3	0
Montana	1,759	57
Utah	4,021	130
Wyoming	7,467	241
PAD District 5	24,160	779
Alaska	13,846	447
South Alaska	270	9
North Slope	13,575	438
Arizona	1	0
California	10,064	325
Nevada	18	1
Federal Offshore PAD District 5	232	7
U.S. Total	376,280	12,138

– = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas. Totals may not equal sum of components due to independent rounding.
Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	18,632	18,637	5,153	11,332	16,411	32,896
Natural Gas Liquids	5	18,632	18,637	5,153	11,332	16,411	32,896
Ethane	-	7,320	7,320	2,167	3,190	7,289	12,646
Propane	1	6,599	6,600	1,967	4,168	5,023	11,158
Normal Butane	4	2,051	2,055	428	1,814	1,677	3,919
Isobutane	-	851	851	334	556	829	1,719
Natural Gasoline	-	1,811	1,811	257	1,604	1,593	3,454

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	81,409	4,996	5,365	410	9,594	101,774	15,228	2,224	170,759
Natural Gas Liquids	81,409	4,996	5,365	410	9,594	101,774	15,228	2,224	170,759
Ethane	36,731	2,627	2,237	80	3,848	45,523	4,450	-	69,939
Propane	24,594	1,309	1,703	131	3,100	30,837	5,535	244	54,374
Normal Butane	8,718	-2,899	588	57	1,123	7,587	2,176	603	16,340
Isobutane	3,840	3,610	323	44	513	8,330	947	248	12,095
Natural Gasoline	7,526	349	514	98	1,010	9,497	2,120	1,129	18,011

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4	248	252	631	130	293	1,054
Natural Gas Liquids	4	248	252	631	130	293	1,054
Ethane	-	-	-	33	3	58	94
Propane	1	116	117	319	45	79	443
Normal Butane	3	50	53	99	32	48	179
Isobutane	-	11	11	64	9	44	117
Natural Gasoline	-	71	71	116	41	64	221

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	234	238	415	2	1	890	160	236	2,592
Natural Gas Liquids	234	238	415	2	1	890	160	236	2,592
Ethane	57	14	17	-	-	88	4	-	186
Propane	55	38	34	-	-	127	63	96	846
Normal Butane	18	24	65	-	-	107	26	89	454
Isobutane	53	12	29	-	-	94	17	25	264
Natural Gasoline	51	150	270	2	1	474	50	26	842

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	10	16,695	16,705	4,436	10,487	14,249	29,172
Natural Gas Liquids	10	16,695	16,705	4,436	10,487	14,249	29,172
Ethane	-	6,594	6,594	1,647	2,885	6,313	10,845
Propane	4	5,950	5,954	1,827	3,926	4,375	10,128
Normal Butane	6	1,789	1,795	411	1,674	1,438	3,523
Isobutane	-	791	791	311	515	743	1,569
Natural Gasoline	-	1,571	1,571	240	1,487	1,380	3,107

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	73,201	4,277	4,947	371	9,221	92,017	14,639	1,858	154,391
Natural Gas Liquids	73,201	4,277	4,947	371	9,221	92,017	14,639	1,858	154,391
Ethane	32,798	2,242	2,127	71	3,673	40,911	4,693	1	63,044
Propane	22,315	1,123	1,549	122	2,984	28,093	5,136	99	49,410
Normal Butane	7,875	-2,473	532	55	1,083	7,072	2,029	509	14,928
Isobutane	3,461	3,091	290	41	497	7,380	860	228	10,828
Natural Gasoline	6,752	294	449	82	984	8,561	1,921	1,021	16,181

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	6	270	276	636	114	544	1,294
Natural Gas Liquids	6	270	276	636	114	544	1,294
Ethane	-	-	-	33	4	110	147
Propane	2	148	150	313	38	159	510
Normal Butane	4	37	41	105	21	101	227
Isobutane	-	13	13	68	5	66	139
Natural Gasoline	-	72	72	117	46	108	271

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	161	234	614	4	1	1,014	181	154	2,919
Natural Gas Liquids	161	234	614	4	1	1,014	181	154	2,919
Ethane	26	14	-	-	-	40	5	-	192
Propane	42	40	64	2	-	148	79	25	912
Normal Butane	19	26	184	-	-	229	38	91	626
Isobutane	37	13	24	-	-	74	16	11	253
Natural Gasoline	37	141	342	2	1	523	43	27	936

- = No Data Reported.
 Note: Refer to Appendix A for Refining District descriptions.
 Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	12	19,222	19,234	5,172	13,272	17,248	35,692
Natural Gas Liquids	12	19,222	19,234	5,172	13,272	17,248	35,692
Ethane	-	7,626	7,626	1,984	4,430	8,228	14,642
Propane	4	6,781	6,785	2,089	4,583	4,966	11,638
Normal Butane	8	2,073	2,081	331	1,916	1,481	3,728
Isobutane	-	912	912	481	590	966	2,037
Natural Gasoline	-	1,830	1,830	287	1,753	1,607	3,647

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	87,217	4,715	5,332	420	11,935	109,619	17,641	2,337	184,523
Natural Gas Liquids	87,217	4,715	5,332	420	11,935	109,619	17,641	2,337	184,523
Ethane	39,580	2,481	2,177	82	5,515	49,835	6,320	1	78,424
Propane	26,135	1,230	1,717	130	3,424	32,636	5,832	254	57,145
Normal Butane	9,307	-3,288	598	54	1,246	7,917	2,317	603	16,646
Isobutane	4,059	3,968	326	48	570	8,971	975	347	13,242
Natural Gasoline	8,136	324	514	106	1,180	10,260	2,197	1,132	19,066

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	7	249	256	867	127	551	1,545
Natural Gas Liquids	7	249	256	867	127	551	1,545
Ethane	-	-	-	33	5	172	210
Propane	3	128	131	453	42	141	636
Normal Butane	4	41	45	136	23	97	256
Isobutane	-	14	14	96	8	54	158
Natural Gasoline	-	66	66	149	49	87	285

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	169	316	615	4	1	1,105	194	207	3,307
Natural Gas Liquids	169	316	615	4	1	1,105	194	207	3,307
Ethane	17	15	-	1	-	33	6	-	249
Propane	49	41	91	1	-	182	89	61	1,099
Normal Butane	17	27	235	-	-	279	36	90	706
Isobutane	42	10	96	-	-	148	15	28	363
Natural Gasoline	44	223	193	2	1	463	48	28	890

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	12	18,797	18,809	4,714	10,258	16,656	31,628
Natural Gas Liquids	12	18,797	18,809	4,714	10,258	16,656	31,628
Ethane	-	7,598	7,598	1,694	3,481	7,210	12,385
Propane	4	6,527	6,531	1,945	3,487	5,117	10,549
Normal Butane	8	2,022	2,030	334	1,475	1,590	3,399
Isobutane	-	855	855	446	445	1,004	1,895
Natural Gasoline	-	1,795	1,795	295	1,370	1,735	3,400

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	87,633	4,766	5,351	398	10,243	108,391	16,347	2,344	177,519
Natural Gas Liquids	87,633	4,766	5,351	398	10,243	108,391	16,347	2,344	177,519
Ethane	39,793	2,484	2,175	84	4,161	48,697	5,409	1	74,090
Propane	26,021	1,252	1,735	122	3,198	32,328	5,622	282	55,312
Normal Butane	9,360	-3,291	603	48	1,182	7,902	2,223	593	16,147
Isobutane	4,087	3,976	326	45	541	8,975	950	386	13,061
Natural Gasoline	8,372	345	512	99	1,161	10,489	2,143	1,082	18,909

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	8	259	267	761	108	412	1,281
Natural Gas Liquids	8	259	267	761	108	412	1,281
Ethane	-	-	-	33	5	117	155
Propane	3	124	127	367	36	102	505
Normal Butane	5	55	60	141	16	79	236
Isobutane	-	9	9	72	6	53	131
Natural Gasoline	-	71	71	148	45	61	254

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	218	243	529	2	1	993	174	243	2,958
Natural Gas Liquids	218	243	529	2	1	993	174	243	2,958
Ethane	56	15	-	-	-	71	5	-	231
Propane	65	40	26	1	-	132	78	105	947
Normal Butane	15	27	47	-	-	89	27	92	504
Isobutane	46	11	134	-	-	191	18	21	370
Natural Gasoline	36	150	322	1	1	510	46	25	906

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	12	18,919	18,931	5,266	12,255	17,719	35,240
Natural Gas Liquids	12	18,919	18,931	5,266	12,255	17,719	35,240
Ethane	-	7,252	7,252	1,927	4,050	7,785	13,762
Propane	4	6,771	6,775	2,143	4,219	5,349	11,711
Normal Butane	8	2,075	2,083	360	1,777	1,837	3,974
Isobutane	-	906	906	510	549	880	1,939
Natural Gasoline	-	1,915	1,915	326	1,660	1,868	3,854

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	89,929	4,852	5,103	454	10,771	111,109	17,177	2,334	184,791
Natural Gas Liquids	89,929	4,852	5,103	454	10,771	111,109	17,177	2,334	184,791
Ethane	40,221	2,441	2,103	88	4,218	49,071	5,820	1	75,906
Propane	26,565	1,271	1,615	130	3,409	32,990	5,759	274	57,509
Normal Butane	9,621	-3,060	570	54	1,274	8,459	2,309	653	17,478
Isobutane	4,221	3,793	314	52	574	8,954	975	345	13,119
Natural Gasoline	9,301	407	501	130	1,296	11,635	2,314	1,061	20,779

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	293	302	997	108	348	1,453
Natural Gas Liquids	9	293	302	997	108	348	1,453
Ethane	-	-	-	33	4	103	140
Propane	4	143	147	526	38	109	673
Normal Butane	5	44	49	173	16	52	241
Isobutane	-	22	22	95	6	46	147
Natural Gasoline	-	84	84	170	44	38	252

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	226	290	921	3	1	1,441	202	248	3,646
Natural Gas Liquids	226	290	921	3	1	1,441	202	248	3,646
Ethane	39	15	-	-	-	54	7	-	201
Propane	74	44	40	1	-	159	95	100	1,174
Normal Butane	21	27	82	-	-	130	35	118	573
Isobutane	56	12	239	-	-	307	19	7	502
Natural Gasoline	36	192	560	2	1	791	46	23	1,196

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4	18,430	18,434	5,299	12,473	17,429	35,201
Natural Gas Liquids	4	18,430	18,434	5,299	12,473	17,429	35,201
Ethane	-	7,182	7,182	2,073	3,755	7,647	13,475
Propane	1	6,496	6,497	2,064	4,416	5,127	11,607
Normal Butane	3	1,982	1,985	367	1,924	1,828	4,119
Isobutane	-	908	908	469	598	809	1,876
Natural Gasoline	-	1,862	1,862	326	1,780	2,018	4,124

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	86,993	4,914	5,497	438	10,055	107,897	16,686	2,030	180,248
Natural Gas Liquids	86,993	4,914	5,497	438	10,055	107,897	16,686	2,030	180,248
Ethane	38,225	2,489	2,286	84	3,799	46,883	5,690	1	73,231
Propane	25,766	1,266	1,758	124	3,229	32,143	5,560	268	56,075
Normal Butane	9,448	-2,787	603	53	1,206	8,523	2,185	524	17,336
Isobutane	4,032	3,524	327	49	557	8,489	979	345	12,597
Natural Gasoline	9,522	422	523	128	1,264	11,859	2,272	892	21,009

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	288	293	929	110	494	1,533
Natural Gas Liquids	5	288	293	929	110	494	1,533
Ethane	-	-	-	33	5	139	177
Propane	1	146	147	455	35	156	646
Normal Butane	4	41	45	182	20	88	290
Isobutane	-	15	15	75	6	49	130
Natural Gasoline	-	86	86	184	44	62	290

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	238	242	1,158	2	1	1,641	161	213	3,841
Natural Gas Liquids	238	242	1,158	2	1	1,641	161	213	3,841
Ethane	47	15	-	-	-	62	5	-	244
Propane	75	41	21	-	-	137	64	51	1,045
Normal Butane	15	26	302	1	-	344	29	100	808
Isobutane	64	11	165	-	-	240	17	33	435
Natural Gasoline	37	149	670	1	1	858	46	29	1,309

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	19,130	19,139	5,119	13,031	17,720	35,870
Natural Gas Liquids	9	19,130	19,139	5,119	13,031	17,720	35,870
Ethane	-	7,368	7,368	1,746	3,807	7,834	13,387
Propane	3	6,756	6,759	2,153	4,631	5,150	11,934
Normal Butane	6	2,024	2,030	409	2,032	1,703	4,144
Isobutane	-	963	963	472	627	926	2,025
Natural Gasoline	-	2,019	2,019	339	1,934	2,107	4,380

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	93,785	5,199	5,356	455	12,465	117,260	17,610	1,965	191,844
Natural Gas Liquids	93,785	5,199	5,356	455	12,465	117,260	17,610	1,965	191,844
Ethane	41,025	2,608	2,102	85	5,217	51,037	6,046	1	77,839
Propane	27,647	1,359	1,741	129	3,616	34,492	5,773	254	59,212
Normal Butane	10,440	-3,209	623	62	1,375	9,291	2,306	566	18,337
Isobutane	4,321	3,973	336	45	626	9,301	1,022	170	13,481
Natural Gasoline	10,352	468	554	134	1,631	13,139	2,463	974	22,975

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	285	290	923	149	652	1,724
Natural Gas Liquids	5	285	290	923	149	652	1,724
Ethane	-	-	-	33	3	184	220
Propane	2	149	151	541	52	222	815
Normal Butane	3	38	41	117	32	116	265
Isobutane	-	15	15	87	10	49	146
Natural Gasoline	-	83	83	145	52	81	278

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	193	186	1,349	5	1	1,734	194	287	4,229
Natural Gas Liquids	193	186	1,349	5	1	1,734	194	287	4,229
Ethane	17	16	-	-	-	33	5	-	258
Propane	69	40	25	3	-	137	94	60	1,257
Normal Butane	19	28	290	1	-	338	36	154	834
Isobutane	52	10	231	-	-	293	15	34	503
Natural Gasoline	36	92	803	1	1	933	44	39	1,377

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	19,631	19,640	5,156	13,317	16,132	34,605
Natural Gas Liquids	9	19,631	19,640	5,156	13,317	16,132	34,605
Ethane	-	7,846	7,846	1,769	4,042	6,160	11,971
Propane	3	6,848	6,851	2,138	4,665	5,178	11,981
Normal Butane	6	2,020	2,026	443	2,038	1,722	4,203
Isobutane	-	970	970	460	642	932	2,034
Natural Gasoline	-	1,947	1,947	346	1,930	2,140	4,416

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	93,202	5,113	4,984	445	11,139	114,883	16,807	1,942	187,877
Natural Gas Liquids	93,202	5,113	4,984	445	11,139	114,883	16,807	1,942	187,877
Ethane	40,011	2,592	1,823	82	4,233	48,741	5,052	1	73,611
Propane	28,084	1,300	1,688	131	3,472	34,675	5,845	256	59,608
Normal Butane	10,294	-3,310	606	61	1,306	8,957	2,347	546	18,079
Isobutane	4,361	4,063	323	44	597	9,388	1,047	184	13,623
Natural Gasoline	10,452	468	544	127	1,531	13,122	2,516	955	22,956

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	6	254	260	905	132	462	1,499
Natural Gas Liquids	6	254	260	905	132	462	1,499
Ethane	-	-	-	33	3	108	144
Propane	2	130	132	551	52	171	774
Normal Butane	4	44	48	110	28	93	231
Isobutane	-	11	11	85	8	37	130
Natural Gasoline	-	69	69	126	41	53	220

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	262	297	1,538	6	1	2,104	173	360	4,396
Natural Gas Liquids	262	297	1,538	6	1	2,104	173	360	4,396
Ethane	40	16	-	-	-	56	4	-	204
Propane	101	44	34	3	-	182	77	66	1,231
Normal Butane	27	24	402	2	-	455	33	248	1,015
Isobutane	61	11	408	-	-	480	15	11	647
Natural Gasoline	33	202	694	1	1	931	44	35	1,299

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	8	20,544	20,552	4,951	13,507	15,829	34,287
Natural Gas Liquids	8	20,544	20,552	4,951	13,507	15,829	34,287
Ethane	-	8,971	8,971	1,623	4,118	5,934	11,675
Propane	3	6,667	6,670	2,099	4,767	5,133	11,999
Normal Butane	5	2,046	2,051	356	2,063	1,696	4,115
Isobutane	-	925	925	531	641	942	2,114
Natural Gasoline	-	1,935	1,935	342	1,918	2,124	4,384

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	91,935	4,265	4,702	457	11,083	112,442	15,403	1,938	184,622
Natural Gas Liquids	91,935	4,265	4,702	457	11,083	112,442	15,403	1,938	184,622
Ethane	39,029	1,877	1,660	81	4,226	46,873	4,091	-	71,610
Propane	28,290	1,230	1,627	131	3,514	34,792	5,616	241	59,318
Normal Butane	10,129	-3,182	585	61	1,324	8,917	2,266	527	17,876
Isobutane	4,248	3,906	309	49	609	9,121	1,011	198	13,369
Natural Gasoline	10,239	434	521	135	1,410	12,739	2,419	972	22,449

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	257	262	1,059	117	445	1,621
Natural Gas Liquids	5	257	262	1,059	117	445	1,621
Ethane	-	-	-	33	2	109	144
Propane	1	137	138	688	40	163	891
Normal Butane	4	36	40	139	27	90	256
Isobutane	-	17	17	74	7	35	116
Natural Gasoline	-	67	67	125	41	48	214

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	294	353	1,053	6	1	1,707	167	541	4,298
Natural Gas Liquids	294	353	1,053	6	1	1,707	167	541	4,298
Ethane	53	19	-	-	-	72	5	-	221
Propane	118	43	25	3	-	189	67	106	1,391
Normal Butane	28	31	423	2	-	484	34	398	1,212
Isobutane	68	15	93	-	-	176	16	17	342
Natural Gasoline	27	245	512	1	1	786	45	20	1,132

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	20,572	20,581	5,099	13,536	15,092	33,727
Natural Gas Liquids	9	20,572	20,581	5,099	13,536	15,092	33,727
Ethane	-	8,893	8,893	1,712	3,964	4,895	10,571
Propane	3	6,804	6,807	2,137	4,906	5,327	12,370
Normal Butane	6	2,021	2,027	358	2,099	1,631	4,088
Isobutane	-	964	964	557	652	1,123	2,332
Natural Gasoline	-	1,890	1,890	335	1,915	2,116	4,366

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	95,934	5,233	4,786	459	11,439	117,851	17,004	2,037	191,200
Natural Gas Liquids	95,934	5,233	4,786	459	11,439	117,851	17,004	2,037	191,200
Ethane	42,756	2,628	1,690	84	4,271	51,429	5,342	-	76,235
Propane	28,491	1,361	1,682	133	3,713	35,380	5,888	243	60,688
Normal Butane	10,343	-3,413	591	63	1,390	8,974	2,346	588	18,023
Isobutane	4,402	4,194	315	48	642	9,601	1,031	185	14,113
Natural Gasoline	9,942	463	508	131	1,423	12,467	2,397	1,021	22,141

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4	226	230	961	124	380	1,465
Natural Gas Liquids	4	226	230	961	124	380	1,465
Ethane	-	-	-	33	2	111	146
Propane	1	106	107	613	54	125	792
Normal Butane	3	42	45	95	23	72	190
Isobutane	-	17	17	82	6	25	113
Natural Gasoline	-	61	61	138	39	47	224

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	206	338	668	8	1	1,221	182	600	3,698
Natural Gas Liquids	206	338	668	8	1	1,221	182	600	3,698
Ethane	9	19	-	-	-	28	4	-	178
Propane	70	42	50	4	-	166	86	159	1,310
Normal Butane	31	29	373	3	-	436	30	379	1,080
Isobutane	67	13	180	-	-	260	16	33	439
Natural Gasoline	29	235	65	1	1	331	46	29	691

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	20,718	20,727	5,393	12,407	16,968	34,768
Natural Gas Liquids	9	20,718	20,727	5,393	12,407	16,968	34,768
Ethane	-	9,157	9,157	2,144	3,750	6,867	12,761
Propane	3	6,777	6,780	2,164	4,461	5,401	12,026
Normal Butane	6	2,017	2,023	455	1,894	1,593	3,942
Isobutane	-	942	942	370	591	1,113	2,074
Natural Gasoline	-	1,825	1,825	260	1,711	1,994	3,965

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	88,993	5,072	5,204	427	11,214	110,910	15,670	2,104	184,179
Natural Gas Liquids	88,993	5,072	5,204	427	11,214	110,910	15,670	2,104	184,179
Ethane	40,493	2,612	2,080	77	4,238	49,500	4,507	-	75,925
Propane	26,306	1,300	1,701	124	3,646	33,077	5,740	229	57,852
Normal Butane	9,369	-3,389	590	56	1,354	7,980	2,247	613	16,805
Isobutane	4,143	4,130	319	44	630	9,266	988	195	13,465
Natural Gasoline	8,682	419	514	126	1,346	11,087	2,188	1,067	20,132

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	238	243	1,146	122	278	1,546
Natural Gas Liquids	5	238	243	1,146	122	278	1,546
Ethane	-	-	-	33	2	99	134
Propane	1	120	121	766	51	91	908
Normal Butane	4	33	37	133	23	33	189
Isobutane	-	21	21	91	5	19	115
Natural Gasoline	-	64	64	123	41	36	200

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	270	355	687	6	1	1,319	165	503	3,776
Natural Gas Liquids	270	355	687	6	1	1,319	165	503	3,776
Ethane	21	18	-	-	-	39	4	-	177
Propane	84	45	20	3	-	152	67	102	1,350
Normal Butane	36	32	225	2	-	295	31	371	923
Isobutane	85	13	260	-	-	358	16	17	527
Natural Gasoline	44	247	182	1	1	475	47	13	799

- = No Data Reported.
Note: Refer to Appendix A for Refining District descriptions.
Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 15. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	9	19,713	19,722	4,611	10,228	14,835	29,674
Natural Gas Liquids	9	19,713	19,722	4,611	10,228	14,835	29,674
Ethane	-	8,386	8,386	1,429	2,655	5,122	9,206
Propane	3	6,674	6,677	2,074	3,922	5,196	11,192
Normal Butane	6	1,975	1,981	448	1,666	1,528	3,642
Isobutane	-	924	924	369	522	1,094	1,985
Natural Gasoline	-	1,754	1,754	291	1,463	1,895	3,649

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	87,146	4,869	4,852	410	11,256	108,533	13,493	2,192	173,614
Natural Gas Liquids	87,146	4,869	4,852	410	11,256	108,533	13,493	2,192	173,614
Ethane	38,537	2,477	1,786	68	4,019	46,887	3,678	1	68,158
Propane	26,458	1,278	1,685	122	3,794	33,337	4,936	239	56,381
Normal Butane	9,389	-3,439	582	54	1,420	8,006	2,039	632	16,300
Isobutane	4,159	4,167	309	44	656	9,335	862	212	13,318
Natural Gasoline	8,603	386	490	122	1,367	10,968	1,978	1,108	19,457

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4	258	262	911	112	567	1,590
Natural Gas Liquids	4	258	262	911	112	567	1,590
Ethane	-	-	-	33	2	125	160
Propane	1	127	128	523	39	175	737
Normal Butane	3	46	49	130	22	102	254
Isobutane	-	14	14	85	5	52	142
Natural Gasoline	-	71	71	140	44	113	297

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	243	277	1,093	5	1	1,619	153	361	3,985
Natural Gas Liquids	243	277	1,093	5	1	1,619	153	361	3,985
Ethane	10	20	-	-	-	30	4	-	194
Propane	76	44	23	3	-	146	63	37	1,111
Normal Butane	26	35	298	1	-	360	27	285	975
Isobutane	93	16	445	-	-	554	14	22	746
Natural Gasoline	38	162	327	1	1	529	45	17	959

- = No Data Reported.
 Note: Refer to Appendix A for Refining District descriptions.
 Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	18,537	2,992	21,529	77,673	15,525	28,171	121,369
Hydrocarbon Gas Liquids	1,585	-	1,585	2,524	98	1,111	3,733
Natural Gas Liquids	1,585	-	1,585	2,524	98	1,111	3,733
Normal Butane	1,096	-	1,096	870	59	301	1,230
Isobutane	138	-	138	1,263	33	469	1,765
Natural Gasoline	351	-	351	391	6	341	738
Other Liquids	70,374	5,005	75,379	193	2,232	-885	1,540
Hydrogen/Biofuels/Other Hydrocarbons	8,729	679	9,408	5,246	1,378	1,655	8,279
Hydrogen	103	6	109	813	310	209	1,332
Biofuels (Including Fuel Ethanol)	8,626	673	9,299	4,419	1,068	1,446	6,933
Fuel Ethanol	8,272	619	8,891	4,273	1,034	1,395	6,702
Biodiesel	354	54	408	146	34	51	231
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	14	-	-	14
Unfinished Oils (net)	1,753	-102	1,651	-559	306	-257	-510
Naphthas and Lighter	114	-50	64	-80	7	-178	-251
Kerosene and Light Gas Oils	177	-	177	-222	37	-57	-242
Heavy Gas Oils	909	-56	853	244	262	40	546
Residuum	553	4	557	-501	-	-62	-563
Motor Gasoline Blend.Comp. (MGBC)(net)	59,892	4,428	64,320	-4,494	548	-2,283	-6,229
Reformulated - RBOB	11,516	-	11,516	-1,356	907	804	355
Conventional	48,376	4,428	52,804	-3,138	-359	-3,087	-6,584
CBOB	42,688	4,414	47,102	-1,682	-228	-3,138	-5,048
GTAB	2,989	-	2,989	-	-	-	-
Other	2,699	14	2,713	-1,456	-131	51	-1,536
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	90,496	7,997	98,493	80,390	17,855	28,397	126,642

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,259	132,990	92,183	7,382	1,911	254,725	18,217	63,658	479,498
Hydrocarbon Gas Liquids	814	7,552	4,514	102	100	13,082	638	1,212	20,250
Natural Gas Liquids	814	7,552	4,514	102	100	13,082	638	1,212	20,250
Normal Butane	502	2,561	2,377	65	-	5,505	349	769	8,949
Isobutane	274	1,901	1,198	34	100	3,507	177	426	6,013
Natural Gasoline	38	3,090	939	3	-	4,070	112	17	5,288
Other Liquids	7,202	-47,509	-28,480	5,945	155	-62,687	419	9,028	23,679
Hydrogen/Biofuels/Other Hydrocarbons	2,060	3,180	2,041	980	191	8,452	1,119	6,343	33,601
Hydrogen	125	2,244	1,358	59	49	3,835	236	1,444	6,956
Biofuels (Including Fuel Ethanol)	1,935	936	683	921	142	4,617	883	4,899	26,631
Fuel Ethanol	1,897	780	462	896	128	4,163	814	4,160	24,730
Biodiesel	38	84	24	25	14	185	30	361	1,215
Renewable Diesel Fuel	-	9	-	-	-	9	-	373	382
Other Biofuels ¹	-	63	197	-	-	260	39	5	304
Other Hydrocarbons	-	-	-	-	-	-	-	-	14
Unfinished Oils (net)	-600	-6,409	4,250	-114	-106	-2,979	-103	843	-1,098
Naphthas and Lighter	-117	-7,482	-575	37	-155	-8,292	-21	-846	-9,346
Kerosene and Light Gas Oils	-182	-2,469	141	-81	-18	-2,609	48	182	-2,444
Heavy Gas Oils	-244	610	1,706	23	67	2,162	-56	1,132	4,637
Residuum	-57	2,932	2,978	-93	-	5,760	-74	375	6,055
Motor Gasoline Blend.Comp. (MGBC)(net)	5,741	-44,280	-34,775	5,079	70	-68,165	-597	1,842	-8,829
Reformulated - RBOB	5,280	-8,442	-1,075	13	-473	-4,697	-	194	7,368
Conventional	461	-35,838	-33,700	5,066	543	-63,468	-597	1,648	-16,197
CBOB	580	-33,468	-34,035	5,092	475	-61,356	-529	1,639	-18,192
GTAB	-	-	-	-	-	-	-	-	2,989
Other	-119	-2,370	335	-26	68	-2,112	-68	9	-994
Aviation Gasoline Blend. Comp. (net)	1	-	4	-	-	5	-	-	5
Total Input	28,275	93,033	68,217	13,429	2,166	205,120	19,274	73,898	523,427

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	15,790	2,528	18,318	69,668	14,166	24,861	108,695
Hydrocarbon Gas Liquids	1,505	-	1,505	1,920	80	983	2,983
Natural Gas Liquids	1,505	-	1,505	1,920	80	983	2,983
Normal Butane	1,139	-	1,139	594	47	279	920
Isobutane	126	-	126	985	27	415	1,427
Natural Gasoline	240	-	240	341	6	289	636
Other Liquids	73,185	5,100	78,285	4,549	2,334	343	7,226
Hydrogen/Biofuels/Other Hydrocarbons	8,791	677	9,468	4,972	1,306	1,542	7,820
Hydrogen	101	6	107	710	273	175	1,158
Biofuels (Including Fuel Ethanol)	8,690	671	9,361	4,255	1,033	1,367	6,655
Fuel Ethanol	8,298	606	8,904	4,114	992	1,315	6,421
Biodiesel	392	65	457	141	41	52	234
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	7	-	-	7
Unfinished Oils (net)	1,557	-54	1,503	237	173	84	494
Naphthas and Lighter	86	-8	78	427	-7	293	713
Kerosene and Light Gas Oils	328	-	328	-20	23	22	25
Heavy Gas Oils	943	-47	896	-123	157	-138	-104
Residuum	200	1	201	-47	-	-93	-140
Motor Gasoline Blend.Comp. (MGBC)(net)	62,837	4,477	67,314	-660	855	-1,283	-1,088
Reformulated - RBOB	13,641	-	13,641	-356	883	705	1,232
Conventional	49,196	4,477	53,673	-304	-28	-1,988	-2,320
CBOB	43,248	4,467	47,715	979	197	-2,011	-835
GTAB	1,863	-	1,863	-	-	-	-
Other	4,085	10	4,095	-1,283	-225	23	-1,485
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	90,480	7,628	98,108	76,137	16,580	26,187	118,904

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,100	120,156	81,160	6,747	2,592	228,755	16,027	59,329	431,124
Hydrocarbon Gas Liquids	653	6,100	3,946	79	117	10,895	446	762	16,591
Natural Gas Liquids	653	6,100	3,946	79	117	10,895	446	762	16,591
Normal Butane	370	1,923	1,844	47	-	4,184	184	332	6,759
Isobutane	249	1,821	1,193	28	117	3,408	147	415	5,523
Natural Gasoline	34	2,356	909	4	-	3,303	115	15	4,309
Other Liquids	7,264	-41,151	-26,559	6,151	-319	-54,614	1,497	10,396	42,790
Hydrogen/Biofuels/Other Hydrocarbons	1,894	2,644	1,815	962	182	7,497	1,092	5,905	31,782
Hydrogen	115	1,841	1,195	59	39	3,249	232	1,113	5,859
Biofuels (Including Fuel Ethanol)	1,779	803	620	903	143	4,248	860	4,792	25,916
Fuel Ethanol	1,747	761	458	867	123	3,956	793	4,147	24,221
Biodiesel	32	42	43	36	20	173	27	328	1,219
Renewable Diesel Fuel	-	-	-	-	-	-	-	313	313
Other Biofuels ¹	-	-	119	-	-	119	40	4	163
Other Hydrocarbons	-	-	-	-	-	-	-	-	7
Unfinished Oils (net)	-98	-7,575	2,962	28	-168	-4,851	-102	-534	-3,490
Naphthas and Lighter	-269	-8,478	-1,010	50	-100	-9,807	-94	-375	-9,485
Kerosene and Light Gas Oils	55	-798	-828	2	-30	-1,599	119	-1,381	-2,508
Heavy Gas Oils	243	-322	1,522	30	-38	1,435	-150	1,014	3,091
Residuum	-127	2,023	3,278	-54	-	5,120	23	208	5,412
Motor Gasoline Blend.Comp. (MGBC)(net)	5,468	-36,220	-31,336	5,161	-333	-57,260	507	5,025	14,498
Reformulated - RBOB	4,812	-6,775	-1,613	13	-548	-4,111	-	3,485	14,247
Conventional	656	-29,445	-29,723	5,148	215	-53,149	507	1,540	251
CBOB	708	-28,869	-28,770	5,163	211	-51,557	545	1,502	-2,630
GTAB	-	-	-	-	-	-	-	-	1,863
Other	-52	-576	-953	-15	4	-1,592	-38	38	1,018
Aviation Gasoline Blend. Comp. (net)	0	-	-	-	-	0	-	-	0
Total Input	26,017	85,105	58,547	12,977	2,390	185,036	17,970	70,487	490,505

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	18,156	1,634	19,790	74,106	15,633	25,556	115,295
Hydrocarbon Gas Liquids	1,534	-	1,534	1,743	91	1,006	2,840
Natural Gas Liquids	1,534	-	1,534	1,743	91	1,006	2,840
Normal Butane	1,142	-	1,142	200	51	184	435
Isobutane	65	-	65	1,153	38	451	1,642
Natural Gasoline	327	-	327	390	2	371	763
Other Liquids	81,501	6,050	87,551	7,774	2,516	3,089	13,379
Hydrogen/Biofuels/Other Hydrocarbons	9,751	735	10,486	5,529	1,437	1,886	8,852
Hydrogen	99	9	108	692	308	195	1,195
Biofuels (Including Fuel Ethanol)	9,652	726	10,378	4,818	1,129	1,691	7,638
Fuel Ethanol	9,275	656	9,931	4,662	1,056	1,620	7,338
Biodiesel	377	70	447	156	73	71	300
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	19	-	-	19
Unfinished Oils (net)	776	-102	674	-1,550	41	-305	-1,814
Naphthas and Lighter	-200	8	-192	-576	-10	-293	-879
Kerosene and Light Gas Oils	-87	-	-87	-451	12	9	-430
Heavy Gas Oils	547	-111	436	-223	39	-66	-250
Residuum	516	1	517	-300	-	45	-255
Motor Gasoline Blend.Comp. (MGBC)(net)	70,974	5,417	76,391	3,795	1,038	1,508	6,341
Reformulated - RBOB	14,728	-	14,728	1,387	1,123	932	3,442
Conventional	56,246	5,417	61,663	2,408	-85	576	2,899
CBOB	46,467	5,425	51,892	3,051	-388	462	3,125
GTAB	2,714	-	2,714	-	-	-	-
Other	7,065	-8	7,057	-643	303	114	-226
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	101,191	7,684	108,875	83,623	18,240	29,651	131,514

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,675	147,025	91,759	7,571	2,841	267,871	17,479	70,816	491,251
Hydrocarbon Gas Liquids	626	6,972	3,317	97	153	11,165	520	418	16,477
Natural Gas Liquids	626	6,972	3,317	97	153	11,165	520	418	16,477
Normal Butane	285	1,594	928	46	—	2,853	225	112	4,767
Isobutane	299	2,300	1,472	48	153	4,272	162	286	6,427
Natural Gasoline	42	3,078	917	3	—	4,040	133	20	5,283
Other Liquids	10,974	-47,408	-26,939	7,230	-147	-56,290	1,604	9,696	55,940
Hydrogen/Biofuels/Other Hydrocarbons	2,237	3,262	2,167	1,138	210	9,014	1,188	6,618	36,158
Hydrogen	105	2,297	1,353	73	41	3,869	242	1,241	6,655
Biofuels (Including Fuel Ethanol)	2,132	965	814	1,065	169	5,145	946	5,377	29,484
Fuel Ethanol	2,095	860	519	1,011	145	4,630	883	4,593	27,375
Biodiesel	37	105	60	54	24	280	33	437	1,497
Renewable Diesel Fuel	—	—	—	—	—	—	—	345	345
Other Biofuels ¹	—	—	235	—	—	235	30	2	267
Other Hydrocarbons	—	—	—	—	—	—	—	—	19
Unfinished Oils (net)	239	-3,671	4,865	-66	-37	1,330	-77	-1,240	-1,127
Naphthas and Lighter	-78	-6,708	-915	-3	-75	-7,779	-109	33	-8,926
Kerosene and Light Gas Oils	189	-1,413	-35	-13	-4	-1,276	-52	-621	-2,466
Heavy Gas Oils	70	406	2,818	8	42	3,344	167	-112	3,585
Residuum	58	4,044	2,997	-58	—	7,041	-83	-540	6,680
Motor Gasoline Blend.Comp. (MGBC)(net)	8,486	-46,999	-33,975	6,158	-320	-66,650	493	4,318	20,893
Reformulated - RBOB	6,112	-10,018	-3,334	2	-670	-7,908	—	3,111	13,373
Conventional	2,374	-36,981	-30,641	6,156	350	-58,742	493	1,207	7,520
CBOB	2,229	-33,249	-29,591	6,172	325	-54,114	338	1,548	2,789
GTAB	—	—	—	—	—	—	—	—	2,714
Other	145	-3,732	-1,050	-16	25	-4,628	155	-341	2,017
Aviation Gasoline Blend. Comp. (net)	12	—	4	—	—	16	—	—	16
Total Input	30,275	106,589	68,137	14,898	2,847	222,746	19,603	80,930	563,668

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	19,208	1,180	20,388	69,928	14,590	26,023	110,541
Hydrocarbon Gas Liquids	1,192	-	1,192	1,831	72	896	2,799
Natural Gas Liquids	1,192	-	1,192	1,831	72	896	2,799
Normal Butane	762	-	762	156	33	114	303
Isobutane	147	-	147	1,233	37	472	1,742
Natural Gasoline	283	-	283	442	2	310	754
Other Liquids	79,103	5,953	85,056	10,567	2,937	2,624	16,128
Hydrogen/Biofuels/Other Hydrocarbons	9,509	697	10,206	5,343	1,480	1,897	8,720
Hydrogen	120	-	120	593	276	191	1,060
Biofuels (Including Fuel Ethanol)	9,389	697	10,086	4,733	1,204	1,706	7,643
Fuel Ethanol	9,059	631	9,690	4,587	1,030	1,609	7,226
Biodiesel	330	66	396	146	174	77	397
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	20	20
Other Hydrocarbons	-	-	-	17	-	-	17
Unfinished Oils (net)	431	-209	222	-524	-43	-769	-1,336
Naphthas and Lighter	-160	-180	-340	299	17	-170	146
Kerosene and Light Gas Oils	95	-	95	-206	20	-277	-463
Heavy Gas Oils	288	-26	262	-138	-80	15	-203
Residuum	208	-3	205	-479	-	-337	-816
Motor Gasoline Blend.Comp. (MGBC)(net)	69,163	5,465	74,628	5,748	1,500	1,496	8,744
Reformulated - RBOB	15,738	-	15,738	-235	1,281	857	1,903
Conventional	53,425	5,465	58,890	5,983	219	639	6,841
CBOB	42,954	5,490	48,444	5,280	230	631	6,141
GTAB	2,864	-	2,864	-	-	-	-
Other	7,607	-25	7,582	703	-11	8	700
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	99,503	7,133	106,636	82,326	17,599	29,543	129,468

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,687	143,544	86,385	7,468	2,514	259,598	16,456	62,466	469,449
Hydrocarbon Gas Liquids	482	5,800	2,568	104	115	9,069	485	540	14,085
Natural Gas Liquids	482	5,800	2,568	104	115	9,069	485	540	14,085
Normal Butane	191	1,267	211	45	—	1,714	180	102	3,061
Isobutane	258	2,357	1,491	54	115	4,275	159	423	6,746
Natural Gasoline	33	2,176	866	5	—	3,080	146	15	4,278
Other Liquids	9,915	-43,409	-22,832	7,025	-145	-49,446	1,564	15,233	68,535
Hydrogen/Biofuels/Other Hydrocarbons	2,187	3,282	2,350	1,069	181	9,069	1,164	6,560	35,719
Hydrogen	79	2,345	1,515	61	36	4,036	210	1,355	6,781
Biofuels (Including Fuel Ethanol)	2,108	937	835	1,008	145	5,033	954	5,205	28,921
Fuel Ethanol	2,060	880	500	978	135	4,553	876	4,463	26,808
Biodiesel	48	57	44	30	10	189	47	407	1,436
Renewable Diesel Fuel	—	—	21	—	—	21	—	334	355
Other Biofuels ¹	—	—	270	—	—	270	31	1	322
Other Hydrocarbons	—	—	—	—	—	—	—	—	17
Unfinished Oils (net)	-400	-3,157	9,908	-63	-175	6,113	-585	3,634	8,048
Naphthas and Lighter	259	-6,710	-308	4	-95	-6,850	-241	123	-7,162
Kerosene and Light Gas Oils	-176	-1,538	-275	36	-52	-2,005	-79	65	-2,387
Heavy Gas Oils	-212	2,021	6,326	-21	-28	8,086	-255	2,307	10,197
Residuum	-271	3,070	4,165	-82	—	6,882	-10	1,139	7,400
Motor Gasoline Blend.Comp. (MGBC)(net)	8,119	-43,534	-35,092	6,019	-151	-64,639	985	5,039	24,757
Reformulated - RBOB	5,883	-7,717	-6,427	11	-438	-8,688	—	2,088	11,041
Conventional	2,236	-35,817	-28,665	6,008	287	-55,951	985	2,951	13,716
CBOB	2,152	-32,245	-27,225	6,018	300	-51,000	853	1,837	6,275
GTAB	—	—	—	—	—	—	—	—	2,864
Other	84	-3,572	-1,440	-10	-13	-4,951	132	1,114	4,577
Aviation Gasoline Blend. Comp. (net)	9	—	2	—	—	11	—	—	11
Total Input	30,084	105,935	66,121	14,597	2,484	219,221	18,505	78,239	552,069

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,394	2,791	24,185	76,822	16,470	27,556	120,848
Hydrocarbon Gas Liquids	201	-	201	1,749	62	761	2,572
Natural Gas Liquids	201	-	201	1,749	62	761	2,572
Normal Butane	32	-	32	1	9	8	18
Isobutane	125	-	125	1,338	50	444	1,832
Natural Gasoline	44	-	44	410	3	309	722
Other Liquids	84,949	6,124	91,073	11,470	3,646	3,912	19,028
Hydrogen/Biofuels/Other Hydrocarbons	9,873	802	10,675	5,677	1,675	2,070	9,422
Hydrogen	98	-	98	640	298	195	1,133
Biofuels (Including Fuel Ethanol)	9,775	802	10,577	5,034	1,377	1,875	8,286
Fuel Ethanol	9,508	710	10,218	4,868	1,144	1,742	7,754
Biodiesel	267	92	359	166	233	83	482
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	50	50
Other Hydrocarbons	-	-	-	3	-	-	3
Unfinished Oils (net)	761	-126	635	-1,067	31	474	-562
Naphthas and Lighter	468	-85	383	-43	-52	204	109
Kerosene and Light Gas Oils	472	-	472	-20	39	344	363
Heavy Gas Oils	-334	-42	-376	-628	44	-12	-596
Residuum	155	1	156	-376	-	-62	-438
Motor Gasoline Blend.Comp. (MGBC)(net)	74,315	5,448	79,763	6,860	1,940	1,368	10,168
Reformulated - RBOB	14,459	-	14,459	-323	1,335	962	1,974
Conventional	59,856	5,448	65,304	7,183	605	406	8,194
CBOB	43,678	5,451	49,129	7,395	622	440	8,457
GTAB	6,111	-	6,111	-	-	-	-
Other	10,067	-3	10,064	-212	-17	-34	-263
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	106,544	8,915	115,459	90,041	20,178	32,229	142,448

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,822	151,395	91,990	8,237	2,630	275,074	14,707	68,588	503,402
Hydrocarbon Gas Liquids	499	6,684	2,938	54	123	10,298	392	568	14,031
Natural Gas Liquids	499	6,684	2,938	54	123	10,298	392	568	14,031
Normal Butane	193	908	308	1	—	1,410	64	22	1,546
Isobutane	258	2,604	1,382	49	123	4,416	173	529	7,075
Natural Gasoline	48	3,172	1,248	4	—	4,472	155	17	5,410
Other Liquids	11,121	-43,270	-30,118	7,308	134	-54,825	3,479	11,675	70,430
Hydrogen/Biofuels/Other Hydrocarbons	2,314	3,359	2,085	1,133	196	9,087	1,190	6,857	37,231
Hydrogen	112	2,392	1,381	61	40	3,986	202	1,531	6,950
Biofuels (Including Fuel Ethanol)	2,202	967	704	1,072	156	5,101	988	5,326	30,278
Fuel Ethanol	2,151	876	525	1,036	144	4,732	931	4,621	28,256
Biodiesel	51	91	30	36	12	220	41	406	1,508
Renewable Diesel Fuel	—	—	—	—	—	—	—	299	299
Other Biofuels ¹	—	—	149	—	—	149	16	—	215
Other Hydrocarbons	—	—	—	—	—	—	—	—	3
Unfinished Oils (net)	41	-3,574	5,824	-217	90	2,164	-49	686	2,874
Naphthas and Lighter	-14	-6,782	-183	-54	2	-7,031	-141	-535	-7,215
Kerosene and Light Gas Oils	77	-1,090	-19	-89	47	-1,074	47	-607	-799
Heavy Gas Oils	50	953	3,707	-9	41	4,742	125	1,539	5,434
Residuum	-72	3,345	2,319	-65	—	5,527	-80	289	5,454
Motor Gasoline Blend.Comp. (MGBC)(net)	8,758	-43,055	-38,027	6,392	-152	-66,084	2,338	4,132	30,317
Reformulated - RBOB	5,981	-9,929	-7,310	9	-611	-11,860	—	2,515	7,088
Conventional	2,777	-33,126	-30,717	6,383	459	-54,224	2,338	1,617	23,229
CBOB	2,782	-32,397	-29,628	6,397	355	-52,491	1,910	1,117	8,122
GTAB	—	—	—	—	—	—	—	—	6,111
Other	-5	-729	-1,089	-14	104	-1,733	428	500	8,996
Aviation Gasoline Blend. Comp. (net)	8	—	—	—	—	8	—	—	8
Total Input	32,442	114,809	64,810	15,599	2,887	230,547	18,578	80,831	587,863

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	20,792	2,877	23,669	77,807	15,095	27,693	120,595
Hydrocarbon Gas Liquids	152	-	152	1,647	74	916	2,637
Natural Gas Liquids	152	-	152	1,647	74	916	2,637
Normal Butane	31	-	31	9	2	14	25
Isobutane	120	-	120	1,240	69	478	1,787
Natural Gasoline	1	-	1	398	3	424	825
Other Liquids	81,679	6,100	87,779	9,073	3,840	3,305	16,218
Hydrogen/Biofuels/Other Hydrocarbons	9,500	795	10,295	5,588	1,624	2,046	9,258
Hydrogen	93	-	93	676	252	188	1,116
Biofuels (Including Fuel Ethanol)	9,407	795	10,202	4,895	1,372	1,858	8,125
Fuel Ethanol	9,195	708	9,903	4,741	1,144	1,712	7,597
Biodiesel	212	87	299	154	228	87	469
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	59	59
Other Hydrocarbons	-	-	-	17	-	-	17
Unfinished Oils (net)	1,254	-42	1,212	-1,299	65	212	-1,022
Naphthas and Lighter	533	-5	528	228	47	102	377
Kerosene and Light Gas Oils	209	-	209	-573	7	-23	-589
Heavy Gas Oils	283	-34	249	-412	11	81	-320
Residuum	229	-3	226	-542	-	52	-490
Motor Gasoline Blend.Comp. (MGBC)(net)	70,925	5,347	76,272	4,784	2,151	1,047	7,982
Reformulated - RBOB	15,505	-	15,505	-801	1,290	894	1,383
Conventional	55,420	5,347	60,767	5,585	861	153	6,599
CBOB	42,225	5,363	47,588	6,021	867	5	6,893
GTAB	5,164	-	5,164	-	-	-	-
Other	8,031	-16	8,015	-436	-6	148	-294
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	102,623	8,977	111,600	88,527	19,009	31,914	139,450

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,576	146,872	89,317	7,894	2,752	268,411	18,198	66,257	497,130
Hydrocarbon Gas Liquids	327	6,254	2,707	59	116	9,463	419	496	13,167
Natural Gas Liquids	327	6,254	2,707	59	116	9,463	419	496	13,167
Normal Butane	5	480	224	1	—	710	79	16	861
Isobutane	284	2,415	1,445	54	116	4,314	186	461	6,868
Natural Gasoline	38	3,359	1,038	4	—	4,439	154	19	5,438
Other Liquids	8,783	-45,572	-25,477	7,033	-63	-55,296	2,022	12,881	63,604
Hydrogen/Biofuels/Other Hydrocarbons	2,186	3,260	2,149	1,091	172	8,858	1,210	6,686	36,307
Hydrogen	104	2,384	1,584	63	17	4,152	221	1,463	7,045
Biofuels (Including Fuel Ethanol)	2,082	876	565	1,028	155	4,706	989	5,223	29,245
Fuel Ethanol	2,037	831	500	981	147	4,496	932	4,456	27,384
Biodiesel	45	45	37	47	8	182	47	382	1,379
Renewable Diesel Fuel	—	—	—	—	—	—	—	385	385
Other Biofuels ¹	—	—	28	—	—	28	10	—	97
Other Hydrocarbons	—	—	—	—	—	—	—	—	17
Unfinished Oils (net)	-210	-3,361	9,013	-39	52	5,455	139	2,568	8,352
Naphthas and Lighter	-59	-6,161	-161	-2	102	-6,281	115	-156	-5,417
Kerosene and Light Gas Oils	-91	-703	68	-15	-17	-758	-68	80	-1,126
Heavy Gas Oils	-87	1,060	7,479	60	-33	8,479	236	2,397	11,041
Residuum	27	2,443	1,627	-82	—	4,015	-144	247	3,854
Motor Gasoline Blend.Comp. (MGBC)(net)	6,813	-45,471	-36,645	5,981	-287	-69,609	673	3,627	18,945
Reformulated - RBOB	5,997	-10,885	-6,517	9	-541	-11,937	—	2,278	7,229
Conventional	816	-34,586	-30,128	5,972	254	-57,672	673	1,349	11,716
CBOB	1,100	-29,861	-28,884	6,003	251	-51,391	576	1,474	5,140
GTAB	—	—	—	—	—	—	—	—	5,164
Other	-284	-4,725	-1,244	-31	3	-6,281	97	-125	1,412
Aviation Gasoline Blend. Comp. (net)	-6	—	6	—	—	0	—	—	0
Total Input	30,686	107,554	66,547	14,986	2,805	222,578	20,639	79,634	573,901

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,770	2,864	24,634	76,932	14,084	26,894	117,910
Hydrocarbon Gas Liquids	163	-	163	1,656	64	969	2,689
Natural Gas Liquids	163	-	163	1,656	64	969	2,689
Normal Butane	43	-	43	1	2	12	15
Isobutane	119	-	119	1,245	60	447	1,752
Natural Gasoline	1	-	1	410	2	510	922
Other Liquids	82,346	5,928	88,274	10,365	4,916	2,780	18,061
Hydrogen/Biofuels/Other Hydrocarbons	9,587	776	10,363	5,639	1,669	1,998	9,306
Hydrogen	75	-	75	701	294	173	1,168
Biofuels (Including Fuel Ethanol)	9,512	776	10,288	4,925	1,375	1,825	8,125
Fuel Ethanol	9,325	697	10,022	4,758	1,164	1,689	7,611
Biodiesel	187	79	266	167	211	81	459
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	55	55
Other Hydrocarbons	-	-	-	13	-	-	13
Unfinished Oils (net)	1,313	-54	1,259	130	-141	-109	-120
Naphthas and Lighter	690	19	709	602	-236	-15	351
Kerosene and Light Gas Oils	152	-	152	-291	-74	-44	-409
Heavy Gas Oils	87	-76	11	40	169	42	251
Residuum	384	3	387	-221	-	-92	-313
Motor Gasoline Blend.Comp. (MGBC)(net)	71,446	5,206	76,652	4,596	3,388	891	8,875
Reformulated - RBOB	16,508	-	16,508	-171	1,276	888	1,993
Conventional	54,938	5,206	60,144	4,767	2,112	3	6,882
CBOB	42,735	5,227	47,962	4,899	2,448	11	7,358
GTAB	2,712	-	2,712	-	-	-	-
Other	9,491	-21	9,470	-132	-336	-8	-476
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	104,279	8,792	113,071	88,953	19,064	30,643	138,660

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,434	150,711	97,246	7,801	3,042	279,234	19,591	65,729	507,098
Hydrocarbon Gas Liquids	431	6,744	3,233	58	134	10,600	540	698	14,690
Natural Gas Liquids	431	6,744	3,233	58	134	10,600	540	698	14,690
Normal Butane	102	500	409	1	-	1,012	135	27	1,232
Isobutane	250	2,537	1,562	54	134	4,537	203	652	7,263
Natural Gasoline	79	3,707	1,262	3	-	5,051	202	19	6,195
Other Liquids	9,636	-46,621	-28,515	7,189	-38	-58,349	1,381	13,331	62,698
Hydrogen/Biofuels/Other Hydrocarbons	2,157	3,241	2,250	1,099	186	8,933	1,275	6,719	36,596
Hydrogen	102	2,274	1,632	64	21	4,093	223	1,391	6,950
Biofuels (Including Fuel Ethanol)	2,055	967	618	1,035	165	4,840	1,052	5,328	29,633
Fuel Ethanol	2,030	861	499	994	153	4,537	977	4,565	27,712
Biodiesel	25	106	36	41	8	216	39	382	1,362
Renewable Diesel Fuel	-	-	-	-	-	-	-	381	381
Other Biofuels ¹	-	-	83	-	4	87	36	-	178
Other Hydrocarbons	-	-	-	-	-	-	-	-	13
Unfinished Oils (net)	-197	-2,586	9,613	51	28	6,909	-300	2,729	10,477
Naphthas and Lighter	-108	-6,362	1,061	14	26	-5,369	-37	0	-4,346
Kerosene and Light Gas Oils	90	-1,267	235	47	-3	-898	-134	-222	-1,511
Heavy Gas Oils	-156	2,401	7,737	94	5	10,081	-93	3,084	13,334
Residuum	-23	2,642	580	-104	-	3,095	-36	-133	3,000
Motor Gasoline Blend.Comp. (MGBC)(net)	7,664	-47,276	-40,367	6,039	-252	-74,192	406	3,883	15,624
Reformulated - RBOB	5,779	-10,327	-7,584	10	-602	-12,724	-	2,760	8,537
Conventional	1,885	-36,949	-32,783	6,029	350	-61,468	406	1,123	7,087
CBOB	1,941	-34,367	-31,598	6,040	327	-57,657	484	44	-1,809
GTAB	-	-	-	-	-	-	-	-	2,712
Other	-56	-2,582	-1,185	-11	23	-3,811	-78	1,079	6,184
Aviation Gasoline Blend. Comp. (net)	12	-	-11	-	-	1	-	-	1
Total Input	30,501	110,834	71,964	15,048	3,138	231,485	21,512	79,758	584,486

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	22,347	2,784	25,131	76,304	14,681	28,455	119,440
Hydrocarbon Gas Liquids	232	-	232	1,826	85	1,057	2,968
Natural Gas Liquids	232	-	232	1,826	85	1,057	2,968
Normal Butane	93	-	93	34	10	13	57
Isobutane	116	-	116	1,304	60	565	1,929
Natural Gasoline	23	-	23	488	15	479	982
Other Liquids	84,294	6,216	90,510	12,245	4,931	2,824	20,000
Hydrogen/Biofuels/Other Hydrocarbons	9,883	808	10,691	5,748	1,692	2,088	9,528
Hydrogen	76	-	76	689	281	204	1,174
Biofuels (Including Fuel Ethanol)	9,807	808	10,615	5,057	1,411	1,884	8,352
Fuel Ethanol	9,610	719	10,329	4,876	1,176	1,735	7,787
Biodiesel	197	89	286	181	235	84	500
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	65	65
Other Hydrocarbons	-	-	-	2	-	-	2
Unfinished Oils (net)	283	-176	107	591	20	-111	500
Naphthas and Lighter	389	-113	276	408	112	-86	434
Kerosene and Light Gas Oils	-19	-	-19	-790	7	-47	-830
Heavy Gas Oils	-90	-63	-153	923	-99	66	890
Residuum	3	0	3	50	-	-44	6
Motor Gasoline Blend.Comp. (MGBC)(net)	74,128	5,584	79,712	5,906	3,219	847	9,972
Reformulated - RBOB	16,690	-	16,690	180	1,262	1,100	2,542
Conventional	57,438	5,584	63,022	5,726	1,957	-253	7,430
CBOB	46,689	5,582	52,271	6,133	2,102	-350	7,885
GTAB	1,748	-	1,748	-	-	-	-
Other	9,001	2	9,003	-407	-145	97	-455
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	106,873	9,000	115,873	90,375	19,697	32,336	142,408

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,676	148,931	96,390	7,790	2,788	276,575	19,202	68,910	509,258
Hydrocarbon Gas Liquids	508	6,525	3,497	62	128	10,720	468	708	15,096
Natural Gas Liquids	508	6,525	3,497	62	128	10,720	468	708	15,096
Normal Butane	165	785	443	1	—	1,394	136	33	1,713
Isobutane	299	2,425	1,451	58	128	4,361	161	654	7,221
Natural Gasoline	44	3,315	1,603	3	—	4,965	171	21	6,162
Other Liquids	9,868	-47,025	-27,935	7,177	97	-57,818	2,096	13,561	68,349
Hydrogen/Biofuels/Other Hydrocarbons	2,229	3,180	2,138	1,083	214	8,844	1,305	7,001	37,369
Hydrogen	106	2,292	1,473	61	52	3,984	207	1,440	6,881
Biofuels (Including Fuel Ethanol)	2,123	888	665	1,022	162	4,860	1,098	5,561	30,486
Fuel Ethanol	2,095	848	485	999	150	4,577	999	4,751	28,443
Biodiesel	28	40	54	23	10	155	59	429	1,429
Renewable Diesel Fuel	—	—	—	—	—	—	—	380	380
Other Biofuels ¹	—	—	126	—	2	128	40	1	234
Other Hydrocarbons	—	—	—	—	—	—	—	—	2
Unfinished Oils (net)	-201	-4,868	8,091	23	0	3,045	-5	1,460	5,107
Naphthas and Lighter	-276	-6,257	636	41	-58	-5,914	62	-153	-5,295
Kerosene and Light Gas Oils	44	-1,121	267	30	20	-760	47	-504	-2,066
Heavy Gas Oils	-8	-139	5,792	45	38	5,728	8	2,574	9,047
Residuum	39	2,649	1,396	-93	—	3,991	-122	-457	3,421
Motor Gasoline Blend.Comp. (MGBC)(net)	7,833	-45,337	-38,179	6,071	-117	-69,729	796	5,100	25,851
Reformulated - RBOB	6,074	-10,517	-6,560	9	-591	-11,585	—	3,159	10,806
Conventional	1,759	-34,820	-31,619	6,062	474	-58,144	796	1,941	15,045
CBOB	1,792	-31,696	-30,109	6,084	468	-53,461	723	801	8,219
GTAB	—	—	—	—	—	—	—	—	1,748
Other	-33	-3,124	-1,510	-22	6	-4,683	73	1,140	5,078
Aviation Gasoline Blend. Comp. (net)	7	—	15	—	—	22	—	—	22
Total Input	31,052	108,431	71,952	15,029	3,013	229,477	21,766	83,179	592,703

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	19,604	2,853	22,457	74,796	14,651	25,169	114,616
Hydrocarbon Gas Liquids	1,805	-	1,805	1,975	197	1,149	3,321
Natural Gas Liquids	1,805	-	1,805	1,975	197	1,149	3,321
Normal Butane	1,371	-	1,371	166	100	242	508
Isobutane	139	-	139	1,389	70	429	1,888
Natural Gasoline	295	-	295	420	27	478	925
Other Liquids	79,327	5,723	85,050	9,240	3,592	3,115	15,947
Hydrogen/Biofuels/Other Hydrocarbons	9,421	753	10,174	5,503	1,546	1,962	9,011
Hydrogen	79	-	79	668	223	177	1,068
Biofuels (Including Fuel Ethanol)	9,342	753	10,095	4,823	1,323	1,785	7,931
Fuel Ethanol	9,115	668	9,783	4,659	1,103	1,647	7,409
Biodiesel	227	85	312	164	220	71	455
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	67	67
Other Hydrocarbons	-	-	-	12	-	-	12
Unfinished Oils (net)	1,103	-46	1,057	-456	66	-22	-412
Naphthas and Lighter	478	14	492	73	119	50	242
Kerosene and Light Gas Oils	93	-	93	-409	-3	-96	-508
Heavy Gas Oils	681	-58	623	3	-50	-108	-155
Residuum	-149	-2	-151	-123	-	132	9
Motor Gasoline Blend.Comp. (MGBC)(net)	68,803	5,016	73,819	4,193	1,980	1,175	7,348
Reformulated - RBOB	15,685	-	15,685	-89	1,059	927	1,897
Conventional	53,118	5,016	58,134	4,282	921	248	5,451
CBOB	44,453	5,009	49,462	4,307	514	269	5,090
GTAB	2,207	-	2,207	-	-	-	-
Other	6,458	7	6,465	-25	407	-21	361
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	100,736	8,576	109,312	86,011	18,440	29,433	133,884

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,297	143,751	88,738	7,842	2,621	264,249	18,268	64,646	484,236
Hydrocarbon Gas Liquids	651	7,150	3,988	119	110	12,018	491	589	18,224
Natural Gas Liquids	651	7,150	3,988	119	110	12,018	491	589	18,224
Normal Butane	325	1,795	1,318	59	—	3,497	153	83	5,612
Isobutane	290	2,513	1,470	58	110	4,441	160	486	7,114
Natural Gasoline	36	2,842	1,200	2	—	4,080	178	20	5,498
Other Liquids	8,981	-45,111	-26,224	6,816	-4	-55,542	1,756	12,818	60,029
Hydrogen/Biofuels/Other Hydrocarbons	2,184	3,190	2,110	1,068	208	8,760	1,219	6,608	35,772
Hydrogen	109	2,236	1,542	60	48	3,995	194	1,334	6,670
Biofuels (Including Fuel Ethanol)	2,075	954	568	1,008	160	4,765	1,025	5,274	29,090
Fuel Ethanol	2,040	855	494	988	138	4,515	942	4,471	27,120
Biodiesel	35	99	45	20	18	217	35	368	1,387
Renewable Diesel Fuel	—	—	—	—	—	—	—	431	431
Other Biofuels ¹	—	—	29	—	4	33	48	4	152
Other Hydrocarbons	—	—	—	—	—	—	—	—	12
Unfinished Oils (net)	-100	-3,213	8,695	-139	-81	5,162	-285	1,152	6,674
Naphthas and Lighter	20	-5,771	396	-39	9	-5,385	-77	-434	-5,162
Kerosene and Light Gas Oils	-113	-2,216	-152	-18	-25	-2,524	18	372	-2,549
Heavy Gas Oils	11	1,958	7,767	38	-65	9,709	-198	1,200	11,179
Residuum	-18	2,816	684	-120	—	3,362	-28	14	3,206
Motor Gasoline Blend.Comp. (MGBC)(net)	6,885	-45,088	-37,034	5,887	-131	-69,481	822	5,058	17,566
Reformulated - RBOB	5,862	-8,585	-1,185	7	-591	-4,492	—	3,231	16,321
Conventional	1,023	-36,503	-35,849	5,880	460	-64,989	822	1,827	1,245
CBOB	1,105	-31,770	-33,168	5,900	421	-57,512	689	1,006	-1,265
GTAB	—	—	—	—	—	—	—	—	2,207
Other	-82	-4,733	-2,681	-20	39	-7,477	133	821	303
Aviation Gasoline Blend. Comp. (net)	12	—	5	—	—	17	—	—	17
Total Input	30,929	105,790	66,502	14,777	2,727	220,725	20,515	78,053	562,489

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,035	3,108	24,143	73,650	16,427	28,279	118,356
Hydrocarbon Gas Liquids	2,471	-	2,471	2,029	258	1,477	3,764
Natural Gas Liquids	2,471	-	2,471	2,029	258	1,477	3,764
Normal Butane	1,896	-	1,896	548	136	458	1,142
Isobutane	151	-	151	1,467	86	504	2,057
Natural Gasoline	424	-	424	14	36	515	565
Other Liquids	80,342	5,901	86,243	9,564	2,352	1,263	13,179
Hydrogen/Biofuels/Other Hydrocarbons	9,773	802	10,575	5,574	1,514	2,022	9,110
Hydrogen	78	-	78	604	296	189	1,089
Biofuels (Including Fuel Ethanol)	9,695	802	10,497	4,946	1,218	1,833	7,997
Fuel Ethanol	9,409	709	10,118	4,789	1,126	1,693	7,608
Biodiesel	286	93	379	157	92	77	326
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	63	63
Other Hydrocarbons	-	-	-	24	-	-	24
Unfinished Oils (net)	1,065	-100	965	-2,031	20	-637	-2,648
Naphthas and Lighter	-250	-47	-297	-146	26	-145	-265
Kerosene and Light Gas Oils	-85	-	-85	-406	35	-90	-461
Heavy Gas Oils	804	-47	757	-973	-41	-160	-1,174
Residuum	596	-6	590	-506	-	-242	-748
Motor Gasoline Blend.Comp. (MGBC)(net)	69,504	5,199	74,703	6,021	818	-122	6,717
Reformulated - RBOB	14,783	-	14,783	223	983	997	2,203
Conventional	54,721	5,199	59,920	5,798	-165	-1,119	4,514
CBOB	44,548	5,167	49,715	6,729	-211	-817	5,701
GTAB	2,618	-	2,618	-	-	-	-
Other	7,555	32	7,587	-931	46	-302	-1,187
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	103,848	9,009	112,857	85,243	19,037	31,019	135,299

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,138	141,640	88,985	8,200	2,824	261,787	18,683	66,081	489,050
Hydrocarbon Gas Liquids	731	7,919	3,403	128	106	12,287	618	1,004	20,144
Natural Gas Liquids	731	7,919	3,403	128	106	12,287	618	1,004	20,144
Normal Butane	365	2,745	1,512	63	-	4,685	243	624	8,590
Isobutane	327	2,570	1,212	62	106	4,277	156	357	6,998
Natural Gasoline	39	2,604	679	3	-	3,325	219	23	4,556
Other Liquids	10,075	-47,780	-25,894	6,673	-13	-56,939	1,230	12,291	56,004
Hydrogen/Biofuels/Other Hydrocarbons	2,260	3,229	2,125	1,088	190	8,892	1,154	6,858	36,589
Hydrogen	96	2,232	1,553	64	23	3,968	172	1,440	6,747
Biofuels (Including Fuel Ethanol)	2,164	997	572	1,024	167	4,924	982	5,418	29,818
Fuel Ethanol	2,117	864	495	1,009	147	4,632	948	4,610	27,916
Biodiesel	47	98	40	15	13	213	28	394	1,340
Renewable Diesel Fuel	-	-	-	-	-	-	-	412	412
Other Biofuels ¹	-	35	37	-	7	79	6	2	150
Other Hydrocarbons	-	-	-	-	-	-	-	-	24
Unfinished Oils (net)	457	-4,315	7,509	-86	-91	3,474	-67	2,818	4,542
Naphthas and Lighter	228	-5,600	839	4	-19	-4,548	-50	80	-5,080
Kerosene and Light Gas Oils	187	-1,886	-63	-89	-5	-1,856	8	-138	-2,532
Heavy Gas Oils	-83	1,129	5,528	70	-67	6,577	105	2,343	8,608
Residuum	125	2,042	1,205	-71	-	3,301	-130	533	3,546
Motor Gasoline Blend.Comp. (MGBC)(net)	7,339	-46,694	-35,529	5,671	-112	-69,325	143	2,615	14,853
Reformulated - RBOB	5,814	-9,024	-1,827	6	-576	-5,607	-	1,214	12,593
Conventional	1,525	-37,670	-33,702	5,665	464	-63,718	143	1,401	2,260
CBOB	1,389	-32,320	-31,582	5,683	422	-56,408	181	1,223	412
GTAB	-	-	-	-	-	-	-	-	2,618
Other	136	-5,350	-2,120	-18	42	-7,310	-38	178	-770
Aviation Gasoline Blend. Comp. (net)	19	-	1	-	-	20	-	-	20
Total Input	30,944	101,779	66,494	15,001	2,917	217,135	20,531	79,376	565,198

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,660	2,963	24,623	73,606	15,462	26,788	115,856
Hydrocarbon Gas Liquids	1,949	-	1,949	2,540	166	1,310	4,016
Natural Gas Liquids	1,949	-	1,949	2,540	166	1,310	4,016
Normal Butane	1,606	-	1,606	753	87	471	1,311
Isobutane	139	-	139	1,415	79	545	2,039
Natural Gasoline	204	-	204	372	-	294	666
Other Liquids	77,453	5,423	82,876	7,719	2,229	1,602	11,550
Hydrogen/Biofuels/Other Hydrocarbons	9,548	755	10,303	5,415	1,413	1,846	8,674
Hydrogen	89	-	89	637	294	167	1,098
Biofuels (Including Fuel Ethanol)	9,459	755	10,214	4,774	1,119	1,679	7,572
Fuel Ethanol	9,149	662	9,811	4,626	1,066	1,602	7,294
Biodiesel	310	93	403	148	53	70	271
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	7	7
Other Hydrocarbons	-	-	-	4	-	-	4
Unfinished Oils (net)	889	-125	764	-335	83	118	-134
Naphthas and Lighter	133	-58	75	214	13	187	414
Kerosene and Light Gas Oils	236	-	236	-131	-3	33	-101
Heavy Gas Oils	186	-65	121	-337	73	-170	-434
Residuum	334	-2	332	-81	-	68	-13
Motor Gasoline Blend.Comp. (MGBC)(net)	67,016	4,793	71,809	2,639	733	-362	3,010
Reformulated - RBOB	12,888	-	12,888	26	1,002	821	1,849
Conventional	54,128	4,793	58,921	2,613	-269	-1,183	1,161
CBOB	45,317	4,797	50,114	2,922	-285	-1,185	1,452
GTAB	2,952	-	2,952	-	-	-	-
Other	5,859	-4	5,855	-309	16	2	-291
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	101,062	8,386	109,448	83,865	17,857	29,700	131,422

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,274	143,043	93,275	7,642	2,368	266,602	17,432	69,001	493,514
Hydrocarbon Gas Liquids	811	9,211	3,983	116	114	14,235	610	1,320	22,130
Natural Gas Liquids	811	9,211	3,983	116	114	14,235	610	1,320	22,130
Normal Butane	430	3,537	1,890	85	—	5,942	327	721	9,907
Isobutane	344	2,392	1,347	28	114	4,225	134	582	7,119
Natural Gasoline	37	3,282	746	3	—	4,068	149	17	5,104
Other Liquids	8,634	-45,179	-29,916	6,499	327	-59,635	1,179	7,101	43,071
Hydrogen/Biofuels/Other Hydrocarbons	2,176	3,136	2,069	1,049	217	8,647	1,114	6,622	35,360
Hydrogen	116	2,284	1,521	66	56	4,043	155	1,426	6,811
Biofuels (Including Fuel Ethanol)	2,060	852	548	983	161	4,604	959	5,196	28,545
Fuel Ethanol	2,028	813	463	962	142	4,408	888	4,374	26,775
Biodiesel	32	39	52	21	19	163	39	362	1,238
Renewable Diesel Fuel	—	—	—	—	—	—	—	452	452
Other Biofuels ¹	—	—	33	—	—	33	32	8	80
Other Hydrocarbons	—	—	—	—	—	—	—	—	4
Unfinished Oils (net)	-155	-528	5,799	-132	-24	4,960	-111	533	6,012
Naphthas and Lighter	151	-5,158	832	-71	12	-4,234	10	-356	-4,091
Kerosene and Light Gas Oils	15	-287	-455	-27	-29	-783	-42	-536	-1,226
Heavy Gas Oils	-205	2,883	4,097	46	-7	6,814	103	1,865	8,469
Residuum	-116	2,034	1,325	-80	—	3,163	-182	-440	2,860
Motor Gasoline Blend.Comp. (MGBC)(net)	6,612	-47,787	-37,792	5,582	134	-73,251	176	-54	1,690
Reformulated - RBOB	5,524	-8,746	-1,282	6	-515	-5,013	—	288	10,012
Conventional	1,088	-39,041	-36,510	5,576	649	-68,238	176	-342	-8,322
CBOB	1,202	-32,929	-33,896	5,578	625	-59,420	131	922	-6,801
GTAB	—	—	—	—	—	—	—	—	2,952
Other	-114	-6,112	-2,614	-2	24	-8,818	45	-1,264	-4,473
Aviation Gasoline Blend. Comp. (net)	1	—	8	—	—	9	—	—	9
Total Input	29,719	107,075	67,342	14,257	2,809	221,202	19,221	77,422	558,715

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	20,708	2,785	23,493	71,904	15,045	27,366	114,315
Hydrocarbon Gas Liquids	1,880	-	1,880	2,912	96	1,238	4,246
Natural Gas Liquids	1,880	-	1,880	2,912	96	1,238	4,246
Normal Butane	1,385	-	1,385	992	54	535	1,581
Isobutane	121	-	121	1,437	42	517	1,996
Natural Gasoline	374	-	374	483	-	186	669
Other Liquids	80,564	5,548	86,112	5,697	2,589	855	9,141
Hydrogen/Biofuels/Other Hydrocarbons	9,828	740	10,568	5,474	1,381	1,941	8,796
Hydrogen	88	-	88	696	301	219	1,216
Biofuels (Including Fuel Ethanol)	9,740	740	10,480	4,764	1,080	1,722	7,566
Fuel Ethanol	9,318	659	9,977	4,641	1,039	1,584	7,264
Biodiesel	422	81	503	123	41	62	226
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	76	76
Other Hydrocarbons	-	-	-	14	-	-	14
Unfinished Oils (net)	1,327	-126	1,201	-1,981	82	275	-1,624
Naphthas and Lighter	-40	-88	-128	266	-18	316	564
Kerosene and Light Gas Oils	69	-	69	-702	-20	19	-703
Heavy Gas Oils	449	-34	415	-1,174	120	-73	-1,127
Residuum	849	-4	845	-371	-	13	-358
Motor Gasoline Blend.Comp. (MGBC)(net)	69,409	4,934	74,343	2,204	1,126	-1,361	1,969
Reformulated - RBOB	15,844	-	15,844	-118	901	789	1,572
Conventional	53,565	4,934	58,499	2,322	225	-2,150	397
CBOB	46,937	4,934	51,871	2,608	344	-2,281	671
GTAB	2,951	-	2,951	-	-	-	-
Other	3,677	0	3,677	-286	-119	131	-274
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	103,152	8,333	111,485	80,513	17,730	29,459	127,702

See footnotes at end of table.

Table 16. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,142	130,360	93,257	6,706	2,561	252,026	17,289	69,562	476,685
Hydrocarbon Gas Liquids	829	9,021	4,314	95	111	14,370	627	1,354	22,477
Natural Gas Liquids	829	9,021	4,314	95	111	14,370	627	1,354	22,477
Normal Butane	522	3,268	2,060	63	—	5,913	344	902	10,125
Isobutane	272	2,328	1,307	29	111	4,047	156	431	6,751
Natural Gasoline	35	3,425	947	3	—	4,410	127	21	5,601
Other Liquids	9,319	-43,541	-28,455	7,013	52	-55,612	861	8,350	48,852
Hydrogen/Biofuels/Other Hydrocarbons	2,193	3,022	2,175	1,043	210	8,643	1,082	6,503	35,592
Hydrogen	101	2,012	1,559	62	54	3,788	154	1,368	6,614
Biofuels (Including Fuel Ethanol)	2,092	1,010	616	981	156	4,855	928	5,135	28,964
Fuel Ethanol	2,064	851	478	966	139	4,498	863	4,380	26,982
Biodiesel	28	69	43	15	17	172	30	349	1,280
Renewable Diesel Fuel	—	—	—	—	—	—	—	394	394
Other Biofuels ¹	—	90	95	—	—	185	35	12	308
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils (net)	-633	-2,256	6,712	-1	-238	3,584	-278	420	3,303
Naphthas and Lighter	-211	-4,795	673	-6	-24	-4,363	-42	367	-3,602
Kerosene and Light Gas Oils	-177	-274	182	28	-219	-460	-183	-467	-1,744
Heavy Gas Oils	-132	752	4,590	47	5	5,262	-5	492	5,037
Residuum	-113	2,061	1,267	-70	—	3,145	-48	28	3,612
Motor Gasoline Blend.Comp. (MGBC)(net)	7,750	-44,307	-37,347	5,971	80	-67,853	57	1,427	9,943
Reformulated - RBOB	5,677	-5,701	-1,151	4	-570	-1,741	—	664	16,339
Conventional	2,073	-38,606	-36,196	5,967	650	-66,112	57	763	-6,396
CBOB	2,098	-32,788	-33,170	5,973	566	-57,321	57	256	-4,466
GTAB	—	—	—	—	—	—	—	—	2,951
Other	-25	-5,818	-3,026	-6	84	-8,791	0	507	-4,881
Aviation Gasoline Blend. Comp. (net)	9	—	5	—	—	14	—	—	14
Total Input	29,290	95,840	69,116	13,814	2,724	210,784	18,777	79,266	548,014

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	195	2	197	1,260	-234	265	1,291
Natural Gas Liquids	-216	2	-214	362	-380	-100	-118
Ethane	-	-	-	-	-	-	-
Propane	347	25	372	1,671	266	465	2,402
Normal Butane	-551	-9	-560	-1,165	-636	-539	-2,340
Isobutane	-12	-14	-26	-144	-10	-26	-180
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	411	-	411	898	146	365	1,409
Ethylene	11	-	11	-	-	-	-
Propylene	350	-	350	955	146	365	1,466
Butylene	2	-	2	-57	-	-	-57
Isobutylene	48	-	48	-	-	-	-
Finished Motor Gasoline	80,405	6,180	86,585	44,621	9,908	14,871	69,400
Reformulated	32,159	27	32,186	7,300	1,452	894	9,646
Reformulated Blended with Fuel Ethanol	32,159	27	32,186	7,300	1,452	894	9,646
Reformulated Other	-	-	-	-	-	-	-
Conventional	48,246	6,153	54,399	37,321	8,456	13,977	59,754
Conventional Blended with Fuel Ethanol	49,813	6,171	55,984	34,887	8,530	12,491	55,908
Ed55 and Lower	49,766	6,171	55,937	34,876	8,498	12,411	55,785
Greater than Ed55	47	-	47	11	32	80	123
Conventional Other	-1,567	-18	-1,585	2,434	-74	1,486	3,846
Finished Aviation Gasoline	-	-	-	-	1	-	1
Kerosene-Type Jet Fuel	2,206	-	2,206	6,287	765	967	8,019
Kerosene	23	5	28	324	-	119	443
Distillate Fuel Oil	5,426	828	6,254	20,013	5,515	10,841	36,369
15 ppm sulfur and under	5,621	788	6,409	20,092	5,458	10,750	36,300
Greater than 15 ppm to 500 ppm sulfur	18	-14	4	-	-	129	129
Greater than 500 ppm sulfur	-213	54	-159	-79	57	-38	-60
Residual Fuel Oil	1,487	3	1,490	855	155	142	1,152
Less than 0.31 percent sulfur	-30	3	-27	88	-	-	88
0.31 to 1.00 percent sulfur	1,040	-	1,040	323	92	24	439
Greater than 1.00 percent sulfur	477	-	477	444	63	118	625
Petrochemical Feedstocks	-	-	-	951	-	34	985
Naphtha for Petro. Feed. Use	-	-	-	582	-	-	582
Other Oils for Petro. Feed. Use	-	-	-	369	-	34	403
Special Naphthas	-	2	2	-47	-	11	-36
Lubricants	206	198	404	-	-	217	217
Waxes	-	-9	-9	-	-	42	42
Petroleum Coke	633	19	652	4,334	937	984	6,255
Marketable	207	-	207	3,234	768	727	4,729
Catalyst	426	19	445	1,100	169	257	1,526
Asphalt and Road Oil	296	674	970	3,868	1,342	323	5,533
Still Gas	813	48	861	2,642	634	1,163	4,439
Miscellaneous Products	48	45	93	318	119	58	495
Total	91,738	7,995	99,733	85,426	19,142	30,037	134,605
Processing Gain(-) or Loss(+)	-1,242	2	-1,240	-5,036	-1,287	-1,640	-7,963

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	513	5,586	3,974	-62	-3	10,008	151	191	11,838
Natural Gas Liquids	109	1,869	1,924	-82	-3	3,817	31	-65	3,451
Ethane	8	209	61	-	-	278	-	-	278
Propane	280	2,388	1,828	18	20	4,534	238	859	8,405
Normal Butane	-196	-448	-121	-100	-23	-888	-235	-1,027	-5,050
Isobutane	17	-280	156	-	-	-107	28	103	-182
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	404	3,717	2,050	20	-	6,191	120	256	8,387
Ethylene	-	10	-	-	-	10	-	-	21
Propylene	394	3,723	2,406	20	-	6,543	51	225	8,635
Butylene	10	5	-356	-	-	-341	69	31	-296
Isobutylene	-	-21	-	-	-	-21	-	-	27
Finished Motor Gasoline	19,203	22,740	12,960	8,400	1,274	64,577	9,892	41,050	271,504
Reformulated	6,809	5,909	-	-	-	12,718	-	28,701	83,251
Reformulated Blended with Fuel Ethanol	6,809	5,908	-	-	-	12,717	-	28,701	83,250
Reformulated Other	-	1	-	-	-	1	-	-	1
Conventional	12,394	16,831	12,960	8,400	1,274	51,859	9,892	12,349	188,253
Conventional Blended with Fuel Ethanol	12,023	1,869	4,607	8,852	1,331	28,682	8,153	12,666	161,393
Ed55 and Lower	12,010	1,869	4,607	8,840	1,330	28,656	8,140	12,664	161,182
Greater than Ed55	13	-	-	12	1	26	13	2	211
Conventional Other	371	14,962	8,353	-452	-57	23,177	1,739	-317	26,860
Finished Aviation Gasoline	84	65	109	-	-	258	4	4	267
Kerosene-Type Jet Fuel	1,318	12,147	9,876	111	0	23,452	984	12,352	47,013
Kerosene	-18	-15	1	39	-	7	2	18	498
Distillate Fuel Oil	5,920	40,213	33,041	2,654	711	82,539	6,217	13,404	144,783
15 ppm sulfur and under	5,881	38,616	29,176	2,600	711	76,984	6,193	12,533	138,419
Greater than 15 ppm to 500 ppm sulfur	39	161	1,224	58	-	1,482	47	422	2,084
Greater than 500 ppm sulfur	-	1,436	2,641	-4	-	4,073	-23	449	4,280
Residual Fuel Oil	276	562	1,281	-33	48	2,134	325	3,280	8,381
Less than 0.31 percent sulfur	239	-	675	-	-	914	180	42	1,197
0.31 to 1.00 percent sulfur	3	359	584	-33	-	913	48	918	3,358
Greater than 1.00 percent sulfur	34	203	22	-	48	307	97	2,320	3,826
Petrochemical Feedstocks	145	4,037	2,163	-	-	6,345	-	-	7,330
Naphtha for Petro. Feed. Use	140	2,497	1,380	-	-	4,017	-	-	4,599
Other Oils for Petro. Feed. Use	5	1,540	783	-	-	2,328	-	-	2,731
Special Naphthas	72	1,117	-	197	-	1,386	-	47	1,399
Lubricants	7	1,466	1,043	804	-	3,320	-	660	4,601
Waxes	-	54	49	26	-	129	-	-	162
Petroleum Coke	436	7,320	4,963	125	18	12,862	689	3,321	23,779
Marketable	200	5,609	4,034	111	-	9,954	468	2,519	17,877
Catalyst	236	1,711	929	14	18	2,908	221	802	5,902
Asphalt and Road Oil	224	123	626	1,164	74	2,211	1,110	592	10,416
Still Gas	750	5,687	3,421	294	53	10,205	685	3,046	19,236
Miscellaneous Products	133	1,128	431	15	37	1,744	144	387	2,863
Total	29,063	102,230	73,938	13,734	2,212	221,177	20,203	78,352	554,070
Processing Gain(-) or Loss(+)	-788	-9,197	-5,721	-305	-46	-16,057	-929	-4,454	-30,643

- = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	174	11	185	1,394	-134	503	1,763
Natural Gas Liquids	-108	11	-97	518	-249	227	496
Ethane	-	-	-	-	-	-	-
Propane	307	24	331	1,430	246	426	2,102
Normal Butane	-384	-3	-387	-777	-456	-231	-1,464
Isobutane	-31	-10	-41	-135	-39	32	-142
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	282	-	282	876	115	276	1,267
Ethylene	12	-	12	-	-	-	-
Propylene	261	-	261	869	115	276	1,260
Butylene	-3	-	-3	7	-	-	7
Isobutylene	12	-	12	-	-	-	-
Finished Motor Gasoline	81,278	6,022	87,300	42,596	9,508	13,716	65,820
Reformulated	32,386	30	32,416	6,898	1,364	784	9,046
Reformulated Blended with Fuel Ethanol	32,386	30	32,416	6,898	1,364	784	9,046
Reformulated Other	-	-	-	-	-	-	-
Conventional	48,892	5,992	54,884	35,698	8,144	12,932	56,774
Conventional Blended with Fuel Ethanol	49,635	6,006	55,641	33,635	8,213	11,772	53,620
Ed55 and Lower	49,594	6,006	55,600	33,622	8,183	11,685	53,490
Greater than Ed55	41	-	41	13	30	87	130
Conventional Other	-743	-14	-757	2,063	-69	1,160	3,154
Finished Aviation Gasoline	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel	2,118	-	2,118	5,907	704	879	7,490
Kerosene	-32	3	-29	110	-	50	160
Distillate Fuel Oil	5,062	711	5,773	18,677	4,733	9,545	32,955
15 ppm sulfur and under	5,244	711	5,955	18,670	4,776	9,616	33,062
Greater than 15 ppm to 500 ppm sulfur	7	-20	-13	-	-	82	82
Greater than 500 ppm sulfur	-189	20	-169	7	-43	-153	-189
Residual Fuel Oil	984	1	985	730	295	132	1,157
Less than 0.31 percent sulfur	-34	1	-33	86	-	-	86
0.31 to 1.00 percent sulfur	778	-	778	206	81	22	309
Greater than 1.00 percent sulfur	240	-	240	438	214	110	762
Petrochemical Feedstocks	-	-	-	968	-	27	995
Naphtha for Petro. Feed. Use	-	-	-	612	-	-	612
Other Oils for Petro. Feed. Use	-	-	-	356	-	27	383
Special Naphthas	-	9	9	-22	-	18	-4
Lubricants	179	158	337	-	-	208	208
Waxes	-	-7	-7	-	-	36	36
Petroleum Coke	549	16	565	4,022	608	868	5,498
Marketable	208	-	208	3,066	458	641	4,165
Catalyst	341	16	357	956	150	227	1,333
Asphalt and Road Oil	292	577	869	3,089	1,031	337	4,457
Still Gas	705	41	746	2,368	568	1,066	4,002
Miscellaneous Products	46	44	90	357	108	54	519
Total	91,355	7,586	98,941	80,196	17,451	27,439	125,086
Processing Gain(-) or Loss(+)	-875	42	-833	-4,059	-871	-1,252	-6,182

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	515	4,915	4,383	-14	-7	9,792	305	670	12,715
Natural Gas Liquids	174	1,424	2,231	-26	-7	3,796	114	521	4,830
Ethane	6	131	44	-	-	181	-	-	181
Propane	217	1,950	1,902	14	30	4,113	203	856	7,605
Normal Butane	-36	-371	135	-40	-37	-349	-107	-479	-2,786
Isobutane	-13	-286	150	-	-	-149	18	144	-170
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	341	3,491	2,152	12	-	5,996	191	149	7,885
Ethylene	-	8	-	-	-	8	-	-	20
Propylene	363	3,398	2,196	12	-	5,969	46	181	7,717
Butylene	-22	106	-44	-	-	40	145	-32	157
Isobutylene	-	-21	-	-	-	-21	-	-	-9
Finished Motor Gasoline	17,676	20,775	10,689	8,153	1,181	58,474	9,322	41,516	262,432
Reformulated	5,982	5,779	-	-	-	11,761	-	28,670	81,893
Reformulated Blended with Fuel Ethanol	5,982	5,778	-	-	-	11,760	-	28,670	81,892
Reformulated Other	-	1	-	-	-	1	-	-	1
Conventional	11,694	14,996	10,689	8,153	1,181	46,713	9,322	12,846	180,539
Conventional Blended with Fuel Ethanol	11,444	1,802	4,576	8,589	1,232	27,643	7,915	12,625	157,444
Ed55 and Lower	11,435	1,802	4,576	8,575	1,231	27,619	7,902	12,622	157,233
Greater than Ed55	9	-	-	14	1	24	13	3	211
Conventional Other	250	13,194	6,113	-436	-51	19,070	1,407	221	23,095
Finished Aviation Gasoline	65	80	2	-	-	147	4	52	233
Kerosene-Type Jet Fuel	1,296	10,740	9,083	176	0	21,295	888	10,312	42,103
Kerosene	9	-16	0	22	-	15	-	8	154
Distillate Fuel Oil	5,338	37,982	27,481	2,377	965	74,143	5,634	12,595	131,100
15 ppm sulfur and under	5,381	36,711	23,773	2,309	965	69,139	5,572	11,927	125,655
Greater than 15 ppm to 500 ppm sulfur	-43	222	715	116	-	1,010	42	286	1,407
Greater than 500 ppm sulfur	-	1,049	2,993	-48	-	3,994	20	382	4,038
Residual Fuel Oil	273	688	727	-17	32	1,703	332	2,207	6,384
Less than 0.31 percent sulfur	232	-	638	-	-	870	165	-	1,088
0.31 to 1.00 percent sulfur	2	348	404	-17	-	737	39	215	2,078
Greater than 1.00 percent sulfur	39	340	-315	-	32	96	128	1,992	3,218
Petrochemical Feedstocks	127	2,370	1,874	-	-	4,371	-	-	5,366
Naphtha for Petro. Feed. Use	120	1,803	1,261	-	-	3,184	-	-	3,796
Other Oils for Petro. Feed. Use	7	567	613	-	-	1,187	-	-	1,570
Special Naphthas	61	618	-	148	-	827	-	27	859
Lubricants	23	1,615	1,129	831	-	3,598	-	479	4,622
Waxes	-	53	62	21	-	136	-	-	165
Petroleum Coke	402	6,445	4,630	122	21	11,620	681	3,436	21,800
Marketable	175	4,885	3,677	110	-	8,847	464	2,648	16,332
Catalyst	227	1,560	953	12	21	2,773	217	788	5,468
Asphalt and Road Oil	168	240	459	1,080	26	1,973	789	354	8,442
Still Gas	712	4,962	3,144	238	65	9,121	632	3,032	17,533
Miscellaneous Products	134	818	367	16	41	1,376	127	358	2,470
Total	26,799	92,285	64,030	13,153	2,324	198,591	18,714	75,046	516,378
Processing Gain(-) or Loss(+)	-782	-7,180	-5,483	-176	66	-13,555	-744	-4,559	-25,873

- = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	439	42	481	2,360	115	794	3,269
Natural Gas Liquids	-24	42	18	1,458	-5	533	1,986
Ethane	-	-	-	-	-	-	-
Propane	364	10	374	1,583	286	457	2,326
Normal Butane	-289	34	-255	101	-227	85	-41
Isobutane	-99	-2	-101	-226	-64	-9	-299
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	463	-	463	902	120	261	1,283
Ethylene	13	-	13	-	-	-	-
Propylene	385	-	385	899	120	261	1,280
Butylene	1	-	1	3	-	-	3
Isobutylene	64	-	64	-	-	-	-
Finished Motor Gasoline	90,862	6,561	97,423	48,471	10,106	16,215	74,792
Reformulated	35,609	42	35,651	7,715	1,463	1,037	10,215
Reformulated Blended with Fuel Ethanol	35,609	42	35,651	7,715	1,463	1,037	10,215
Reformulated Other	-	-	-	-	-	-	-
Conventional	55,253	6,519	61,772	40,756	8,643	15,178	64,577
Conventional Blended with Fuel Ethanol	56,336	6,519	62,855	38,215	8,700	14,271	61,186
Ed55 and Lower	56,282	6,519	62,801	38,191	8,654	14,147	60,992
Greater than Ed55	54	-	54	24	46	124	194
Conventional Other	-1,083	-	-1,083	2,541	-57	907	3,391
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,217	-	2,217	5,248	806	893	6,947
Kerosene	31	-	31	23	-	4	27
Distillate Fuel Oil	5,553	517	6,070	19,804	5,315	10,223	35,342
15 ppm sulfur and under	5,766	513	6,279	19,788	5,294	10,097	35,179
Greater than 15 ppm to 500 ppm sulfur	76	-	76	-	-	189	189
Greater than 500 ppm sulfur	-289	4	-285	16	21	-63	-26
Residual Fuel Oil	1,287	1	1,288	767	86	146	999
Less than 0.31 percent sulfur	-22	-	-22	45	-	-	45
0.31 to 1.00 percent sulfur	949	1	950	433	80	36	549
Greater than 1.00 percent sulfur	360	-	360	289	6	110	405
Petrochemical Feedstocks	-	-	-	858	-	26	884
Naphtha for Petro. Feed. Use	-	-	-	476	-	-	476
Other Oils for Petro. Feed. Use	-	-	-	382	-	26	408
Special Naphthas	-	12	12	-68	-	2	-66
Lubricants	167	168	335	-	-	175	175
Waxes	-	-13	-13	-	-	32	32
Petroleum Coke	698	6	704	3,727	981	940	5,648
Marketable	288	-	288	2,669	818	710	4,197
Catalyst	410	6	416	1,058	163	230	1,451
Asphalt and Road Oil	282	250	532	3,624	1,364	389	5,377
Still Gas	818	32	850	2,582	621	1,130	4,333
Miscellaneous Products	49	46	95	338	125	55	518
Total	102,403	7,622	110,025	87,734	19,519	31,024	138,277
Processing Gain(-) or Loss(+)	-1,212	62	-1,150	-4,111	-1,279	-1,373	-6,763

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	684	7,922	4,960	70	37	13,673	375	1,773	19,571
Natural Gas Liquids	344	4,018	2,844	60	37	7,303	228	1,597	11,132
Ethane	4	106	39	—	—	149	—	—	149
Propane	243	2,422	1,880	16	32	4,593	229	988	8,510
Normal Butane	133	1,800	767	44	5	2,749	6	548	3,007
Isobutane	-36	-310	158	—	—	-188	-7	61	-534
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	340	3,904	2,116	10	—	6,370	147	176	8,439
Ethylene	—	11	—	—	—	11	—	—	24
Propylene	353	3,895	2,644	10	—	6,902	46	192	8,805
Butylene	-13	23	-528	—	—	-518	101	-16	-429
Isobutylene	—	-25	—	—	—	-25	—	—	39
Finished Motor Gasoline	21,154	23,377	12,482	9,457	1,516	67,986	10,254	44,807	295,262
Reformulated	7,454	6,459	—	—	—	13,913	—	31,680	91,459
Reformulated Blended with Fuel Ethanol	7,452	6,457	—	—	—	13,909	—	31,680	91,455
Reformulated Other	2	2	—	—	—	4	—	—	4
Conventional	13,700	16,918	12,482	9,457	1,516	54,073	10,254	13,127	203,803
Conventional Blended with Fuel Ethanol	13,341	2,027	5,167	9,969	1,468	31,972	8,787	14,000	178,800
Ed55 and Lower	13,325	2,027	5,167	9,949	1,467	31,935	8,767	13,994	178,489
Greater than Ed55	16	—	—	20	1	37	20	6	311
Conventional Other	359	14,891	7,315	-512	48	22,101	1,467	-873	25,003
Finished Aviation Gasoline	96	104	141	—	—	341	4	1	346
Kerosene-Type Jet Fuel	1,460	12,085	9,667	187	-1	23,398	991	10,961	44,514
Kerosene	-10	-3	1	5	—	-7	—	14	65
Distillate Fuel Oil	5,795	49,048	32,730	2,755	1,114	91,442	5,990	16,283	155,127
15 ppm sulfur and under	5,771	47,619	28,021	2,717	1,114	85,242	5,886	15,318	147,904
Greater than 15 ppm to 500 ppm sulfur	24	220	2,777	49	—	3,070	115	388	3,838
Greater than 500 ppm sulfur	—	1,209	1,932	-11	—	3,130	-11	577	3,385
Residual Fuel Oil	308	1,908	1,011	-9	54	3,272	351	3,408	9,318
Less than 0.31 percent sulfur	246	—	654	—	—	900	183	74	1,180
0.31 to 1.00 percent sulfur	3	814	456	-9	—	1,264	23	713	3,499
Greater than 1.00 percent sulfur	59	1,094	-99	—	54	1,108	145	2,621	4,639
Petrochemical Feedstocks	142	4,143	1,734	—	—	6,019	—	—	6,903
Naphtha for Petro. Feed. Use	132	2,594	949	—	—	3,675	—	—	4,151
Other Oils for Petro. Feed. Use	10	1,549	785	—	—	2,344	—	—	2,752
Special Naphthas	65	805	—	221	—	1,091	—	74	1,111
Lubricants	-1	1,753	1,775	764	—	4,291	—	333	5,134
Waxes	—	58	79	25	—	162	—	—	181
Petroleum Coke	419	7,983	4,832	166	22	13,422	734	3,912	24,420
Marketable	188	6,134	3,813	151	—	10,286	498	2,985	18,254
Catalyst	231	1,849	1,019	15	22	3,136	236	927	6,166
Asphalt and Road Oil	204	288	956	1,129	48	2,625	978	754	10,266
Still Gas	709	6,046	3,362	265	71	10,453	616	3,613	19,865
Miscellaneous Products	145	942	416	17	44	1,564	133	401	2,711
Total	31,170	116,459	74,146	15,052	2,905	239,732	20,426	86,334	594,794
Processing Gain(-) or Loss(+)	-895	-9,870	-6,009	-154	-58	-16,986	-823	-5,404	-31,126

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	739	15	754	3,898	407	957	5,262
Natural Gas Liquids	324	15	339	2,903	289	681	3,873
Ethane	-	-	-	-	-	-	-
Propane	373	4	377	1,571	265	509	2,345
Normal Butane	134	15	149	1,529	79	221	1,829
Isobutane	-183	-4	-187	-197	-55	-49	-301
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	415	-	415	995	118	276	1,389
Ethylene	21	-	21	-	-	-	-
Propylene	355	-	355	842	125	276	1,243
Butylene	2	-	2	153	-7	-	146
Isobutylene	37	-	37	-	-	-	-
Finished Motor Gasoline	88,284	6,307	94,591	47,532	9,849	16,218	73,599
Reformulated	34,848	51	34,899	7,523	1,423	952	9,898
Reformulated Blended with Fuel Ethanol	34,848	51	34,899	7,523	1,419	952	9,894
Reformulated Other	-	-	-	-	4	-	4
Conventional	53,436	6,256	59,692	40,009	8,426	15,266	63,701
Conventional Blended with Fuel Ethanol	54,503	6,256	60,759	37,625	8,453	14,072	60,150
Ed55 and Lower	54,443	6,256	60,699	37,601	8,410	13,939	59,950
Greater than Ed55	60	-	60	24	43	133	200
Conventional Other	-1,067	-	-1,067	2,384	-27	1,194	3,551
Finished Aviation Gasoline	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel	3,090	-	3,090	5,862	793	1,101	7,756
Kerosene	15	-1	14	2	-	-	2
Distillate Fuel Oil	5,260	393	5,653	18,317	4,782	9,858	32,957
15 ppm sulfur and under	5,342	398	5,740	18,372	4,864	9,958	33,194
Greater than 15 ppm to 500 ppm sulfur	13	-15	-2	-	-	104	104
Greater than 500 ppm sulfur	-95	10	-85	-55	-82	-204	-341
Residual Fuel Oil	1,272	-	1,272	801	137	149	1,087
Less than 0.31 percent sulfur	8	-	8	83	-	-	83
0.31 to 1.00 percent sulfur	987	-	987	325	79	35	439
Greater than 1.00 percent sulfur	277	-	277	393	58	114	565
Petrochemical Feedstocks	-	-	-	777	-	20	797
Naphtha for Petro. Feed. Use	-	-	-	447	-	-	447
Other Oils for Petro. Feed. Use	-	-	-	330	-	20	350
Special Naphthas	-	10	10	-46	-	17	-29
Lubricants	161	175	336	-	-	107	107
Waxes	-	-13	-13	-	-	24	24
Petroleum Coke	626	4	630	3,400	828	927	5,155
Marketable	234	-	234	2,419	675	685	3,779
Catalyst	392	4	396	981	153	242	1,376
Asphalt and Road Oil	354	161	515	3,166	1,175	280	4,621
Still Gas	783	17	800	2,554	588	1,059	4,201
Miscellaneous Products	40	21	61	294	105	53	452
Total	100,624	7,089	107,713	86,557	18,694	30,770	136,021
Processing Gain(-) or Loss(+)	-1,121	44	-1,077	-4,231	-1,095	-1,227	-6,553

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	853	9,260	5,711	74	47	15,945	408	1,933	24,302
Natural Gas Liquids	510	5,364	3,118	62	47	9,101	287	1,830	15,430
Ethane	7	123	33	—	—	163	—	—	163
Propane	296	2,516	2,118	19	25	4,974	189	1,066	8,951
Normal Butane	214	3,035	859	43	22	4,173	96	747	6,994
Isobutane	-7	-310	108	—	—	-209	2	17	-678
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	343	3,896	2,593	12	—	6,844	121	103	8,872
Ethylene	—	7	—	—	—	7	—	—	28
Propylene	347	3,827	2,601	12	—	6,787	39	112	8,536
Butylene	-4	89	-8	—	—	77	82	-9	298
Isobutylene	—	-27	—	—	—	-27	—	—	10
Finished Motor Gasoline	20,617	23,118	9,990	9,199	1,353	64,277	10,079	43,859	286,405
Reformulated	7,287	6,659	—	—	—	13,946	—	30,433	89,176
Reformulated Blended with Fuel Ethanol	7,286	6,658	—	—	—	13,944	—	30,433	89,170
Reformulated Other	1	1	—	—	—	2	—	—	6
Conventional	13,330	16,459	9,990	9,199	1,353	50,331	10,079	13,426	197,229
Conventional Blended with Fuel Ethanol	13,115	1,989	5,009	9,660	1,365	31,138	8,544	13,831	174,422
Ed55 and Lower	13,101	1,989	5,009	9,642	1,364	31,105	8,521	13,826	174,101
Greater than Ed55	14	—	—	18	1	33	23	5	321
Conventional Other	215	14,470	4,981	-461	-12	19,193	1,535	-405	22,807
Finished Aviation Gasoline	67	125	81	—	—	273	3	-1	305
Kerosene-Type Jet Fuel	1,408	14,773	10,463	164	0	26,808	1,003	12,320	50,977
Kerosene	6	41	-1	2	—	48	—	8	72
Distillate Fuel Oil	6,074	44,687	32,624	2,690	922	86,997	5,510	13,941	145,058
15 ppm sulfur and under	6,059	43,289	28,327	2,564	922	81,161	5,401	13,030	138,526
Greater than 15 ppm to 500 ppm sulfur	15	268	2,381	98	—	2,762	93	377	3,334
Greater than 500 ppm sulfur	—	1,130	1,916	28	—	3,074	16	534	3,198
Residual Fuel Oil	267	1,106	539	1	46	1,959	306	2,327	6,951
Less than 0.31 percent sulfur	237	—	713	—	—	950	152	46	1,239
0.31 to 1.00 percent sulfur	-3	951	447	1	—	1,396	41	694	3,557
Greater than 1.00 percent sulfur	33	155	-621	—	46	-387	113	1,587	2,155
Petrochemical Feedstocks	140	4,448	1,951	—	—	6,539	—	—	7,336
Naphtha for Petro. Feed. Use	129	2,655	852	—	—	3,636	—	—	4,083
Other Oils for Petro. Feed. Use	11	1,793	1,099	—	—	2,903	—	—	3,253
Special Naphthas	44	716	—	210	—	970	—	31	982
Lubricants	24	1,597	1,870	806	—	4,297	—	150	4,890
Waxes	—	48	77	16	—	141	—	—	152
Petroleum Coke	342	8,373	5,257	157	19	14,148	553	3,929	24,415
Marketable	134	6,433	4,187	141	—	10,895	370	3,002	18,280
Catalyst	208	1,940	1,070	16	19	3,253	183	927	6,135
Asphalt and Road Oil	263	444	466	1,280	66	2,519	795	869	9,319
Still Gas	675	6,471	3,408	260	57	10,871	610	3,300	19,782
Miscellaneous Products	129	962	460	16	44	1,611	114	390	2,628
Total	30,909	116,169	72,896	14,875	2,554	237,403	19,381	83,056	583,574
Processing Gain(-) or Loss(+)	-825	-10,234	-6,775	-278	-70	-18,182	-876	-4,817	-31,505

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,052	82	1,134	4,475	712	870	6,057
Natural Gas Liquids	675	82	757	3,505	587	622	4,714
Ethane	-	-	-	-	-	-	-
Propane	421	25	446	1,574	324	495	2,393
Normal Butane	279	66	345	2,124	312	156	2,592
Isobutane	-25	-9	-34	-193	-49	-29	-271
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	377	-	377	970	125	248	1,343
Ethylene	14	-	14	-	-	-	-
Propylene	305	-	305	895	149	248	1,292
Butylene	-1	-	-1	75	-24	-	51
Isobutylene	59	-	59	-	-	-	-
Finished Motor Gasoline	93,675	7,125	100,800	50,524	10,995	17,363	78,882
Reformulated	36,455	39	36,494	7,896	1,487	1,068	10,451
Reformulated Blended with Fuel Ethanol	36,450	39	36,489	7,896	1,486	1,068	10,450
Reformulated Other	5	-	5	-	1	-	1
Conventional	57,220	7,086	64,306	42,628	9,508	16,295	68,431
Conventional Blended with Fuel Ethanol	57,573	7,086	64,659	40,127	9,512	15,126	64,765
Ed55 and Lower	57,496	7,086	64,582	40,098	9,465	14,967	64,530
Greater than Ed55	77	-	77	29	47	159	235
Conventional Other	-353	-	-353	2,501	-4	1,169	3,666
Finished Aviation Gasoline	-	-	-	-	24	-	24
Kerosene-Type Jet Fuel	3,038	-	3,038	6,563	802	1,041	8,406
Kerosene	-15	-2	-17	2	-	-	2
Distillate Fuel Oil	6,282	772	7,054	20,413	5,696	11,209	37,318
15 ppm sulfur and under	6,417	760	7,177	20,359	5,693	11,182	37,234
Greater than 15 ppm to 500 ppm sulfur	-11	-7	-18	-	-	93	93
Greater than 500 ppm sulfur	-124	19	-105	54	3	-66	-9
Residual Fuel Oil	1,469	4	1,473	908	133	151	1,192
Less than 0.31 percent sulfur	-	4	4	82	-	-	82
0.31 to 1.00 percent sulfur	994	-	994	431	63	37	531
Greater than 1.00 percent sulfur	475	-	475	395	70	114	579
Petrochemical Feedstocks	-	-	-	865	-	13	878
Naphtha for Petro. Feed. Use	-	-	-	461	-	-	461
Other Oils for Petro. Feed. Use	-	-	-	404	-	13	417
Special Naphthas	-	9	9	-46	-	13	-33
Lubricants	200	195	395	-	-	233	233
Waxes	-	-5	-5	-	-	40	40
Petroleum Coke	663	20	683	3,758	909	917	5,584
Marketable	256	-	256	2,704	743	654	4,101
Catalyst	407	20	427	1,054	166	263	1,483
Asphalt and Road Oil	423	649	1,072	3,591	1,272	423	5,286
Still Gas	836	13	849	2,537	647	1,122	4,306
Miscellaneous Products	49	20	69	309	101	55	465
Total	107,672	8,882	116,554	93,899	21,291	33,450	148,640
Processing Gain(-) or Loss(+)	-1,128	33	-1,095	-3,858	-1,113	-1,221	-6,192

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	871	10,085	5,388	101	48	16,493	330	2,320	26,334
Natural Gas Liquids	500	6,046	3,061	71	48	9,726	251	2,129	17,577
Ethane	6	132	34	—	—	172	—	—	172
Propane	279	2,627	1,955	22	30	4,913	161	1,053	8,966
Normal Butane	247	3,465	992	49	18	4,771	161	982	8,851
Isobutane	-32	-178	80	—	—	-130	-71	94	-412
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	371	4,039	2,327	30	—	6,767	79	191	8,757
Ethylene	—	7	—	—	—	7	—	—	21
Propylene	369	4,148	2,491	30	—	7,038	43	200	8,878
Butylene	2	-86	-164	—	—	-248	36	-9	-171
Isobutylene	—	-30	—	—	—	-30	—	—	29
Finished Motor Gasoline	21,704	27,360	8,536	9,714	1,579	68,893	10,612	45,401	304,588
Reformulated	7,668	7,077	—	—	—	14,745	—	31,684	93,374
Reformulated Blended with Fuel Ethanol	7,664	7,076	—	—	—	14,740	—	31,684	93,363
Reformulated Other	4	1	—	—	—	5	—	—	11
Conventional	14,036	20,283	8,536	9,714	1,579	54,148	10,612	13,717	211,214
Conventional Blended with Fuel Ethanol	13,734	1,590	5,265	10,155	1,472	32,216	9,115	14,149	184,904
Ed55 and Lower	13,721	1,589	5,265	10,129	1,471	32,175	9,089	14,144	184,520
Greater than Ed55	13	1	—	26	1	41	26	5	384
Conventional Other	302	18,693	3,271	-441	107	21,932	1,497	-432	26,310
Finished Aviation Gasoline	80	123	132	—	—	335	—	81	440
Kerosene-Type Jet Fuel	1,620	16,132	10,823	96	0	28,671	1,025	12,821	53,961
Kerosene	6	139	33	2	—	180	—	4	169
Distillate Fuel Oil	7,049	46,810	32,357	3,018	1,137	90,371	5,096	14,786	154,625
15 ppm sulfur and under	7,083	45,457	27,685	2,959	1,137	84,321	5,074	13,949	147,755
Greater than 15 ppm to 500 ppm sulfur	-34	265	2,336	67	—	2,634	47	253	3,009
Greater than 500 ppm sulfur	—	1,088	2,336	-8	—	3,416	-25	584	3,861
Residual Fuel Oil	305	1,446	577	-5	31	2,354	304	2,276	7,599
Less than 0.31 percent sulfur	229	—	600	—	—	829	169	30	1,114
0.31 to 1.00 percent sulfur	24	1,001	380	-5	—	1,400	27	427	3,379
Greater than 1.00 percent sulfur	52	445	-403	—	31	125	108	1,819	3,106
Petrochemical Feedstocks	105	4,242	2,326	—	—	6,673	—	—	7,551
Naphtha for Petro. Feed. Use	91	2,442	1,167	—	—	3,700	—	—	4,161
Other Oils for Petro. Feed. Use	14	1,800	1,159	—	—	2,973	—	—	3,390
Special Naphthas	81	839	—	245	—	1,165	—	44	1,185
Lubricants	14	1,751	1,793	976	—	4,534	—	494	5,656
Waxes	—	43	58	28	—	129	—	—	164
Petroleum Coke	456	8,649	5,279	157	20	14,561	391	4,220	25,439
Marketable	221	6,664	4,217	139	—	11,241	219	3,269	19,086
Catalyst	235	1,985	1,062	18	20	3,320	172	951	6,353
Asphalt and Road Oil	188	450	581	1,161	38	2,418	794	909	10,479
Still Gas	820	6,567	3,581	281	69	11,318	528	3,704	20,705
Miscellaneous Products	156	1,027	411	19	50	1,663	93	366	2,656
Total	33,455	125,663	71,875	15,793	2,972	249,758	19,173	87,426	621,551
Processing Gain(-) or Loss(+)	-1,013	-10,854	-7,065	-194	-85	-19,211	-595	-6,595	-33,688

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	922	91	1,013	4,587	553	836	5,976
Natural Gas Liquids	624	91	715	3,577	456	603	4,636
Ethane	-	-	-	-	-	-	-
Propane	415	31	446	1,704	272	491	2,467
Normal Butane	238	69	307	2,021	225	133	2,379
Isobutane	-29	-9	-38	-148	-41	-21	-210
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	298	-	298	1,010	97	233	1,340
Ethylene	20	-	20	-	-	-	-
Propylene	232	-	232	884	110	233	1,227
Butylene	1	-	1	126	-13	-	113
Isobutylene	45	-	45	-	-	-	-
Finished Motor Gasoline	90,614	7,038	97,652	49,364	11,025	17,170	77,559
Reformulated	35,914	68	35,982	7,673	1,437	993	10,103
Reformulated Blended with Fuel Ethanol	35,907	68	35,975	7,673	1,436	993	10,102
Reformulated Other	7	-	7	-	1	-	1
Conventional	54,700	6,970	61,670	41,691	9,588	16,177	67,456
Conventional Blended with Fuel Ethanol	54,917	6,970	61,887	39,006	9,549	14,733	63,288
Ed55 and Lower	54,834	6,970	61,804	38,974	9,498	14,546	63,018
Greater than Ed55	83	-	83	32	51	187	270
Conventional Other	-217	-	-217	2,685	39	1,444	4,168
Finished Aviation Gasoline	-	-	-	-	1	-	1
Kerosene-Type Jet Fuel	2,849	-	2,849	6,445	788	925	8,158
Kerosene	-33	-1	-34	59	-	-	59
Distillate Fuel Oil	5,896	793	6,689	20,232	4,798	11,046	36,076
15 ppm sulfur and under	6,102	790	6,892	20,223	4,801	11,055	36,079
Greater than 15 ppm to 500 ppm sulfur	-15	-14	-29	-	-	136	136
Greater than 500 ppm sulfur	-191	17	-174	9	-3	-145	-139
Residual Fuel Oil	1,330	2	1,332	850	112	160	1,122
Less than 0.31 percent sulfur	-	2	2	98	-	-	98
0.31 to 1.00 percent sulfur	1,053	-	1,053	279	64	36	379
Greater than 1.00 percent sulfur	277	-	277	473	48	124	645
Petrochemical Feedstocks	-	-	-	859	-	9	868
Naphtha for Petro. Feed. Use	-	-	-	488	-	-	488
Other Oils for Petro. Feed. Use	-	-	-	371	-	9	380
Special Naphthas	-	12	12	-52	-	12	-40
Lubricants	194	173	367	-	-	236	236
Waxes	-	-3	-3	-	-	39	39
Petroleum Coke	696	19	715	3,707	1,467	925	6,099
Marketable	268	-	268	2,658	1,304	670	4,632
Catalyst	428	19	447	1,049	163	255	1,467
Asphalt and Road Oil	349	707	1,056	3,547	1,312	465	5,324
Still Gas	818	18	836	2,700	596	1,076	4,372
Miscellaneous Products	53	57	110	328	91	62	481
Total	103,688	8,906	112,594	92,626	20,743	32,961	146,330
Processing Gain(-) or Loss(+)	-1,065	71	-994	-4,099	-1,734	-1,047	-6,880

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	986	9,354	5,344	88	48	15,820	482	2,553	25,844
Natural Gas Liquids	575	5,758	3,253	59	48	9,693	372	2,438	17,854
Ethane	6	177	27	—	—	210	—	—	210
Propane	302	2,482	1,953	19	29	4,785	205	980	8,883
Normal Butane	261	3,433	1,168	40	19	4,921	167	1,424	9,198
Isobutane	6	-334	105	—	—	-223	0	34	-437
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	411	3,596	2,091	29	—	6,127	110	115	7,990
Ethylene	—	8	—	—	—	8	—	—	28
Propylene	414	3,768	2,332	29	—	6,543	27	165	8,194
Butylene	-3	-150	-241	—	—	-394	83	-50	-247
Isobutylene	—	-30	—	—	—	-30	—	—	15
Finished Motor Gasoline	20,256	24,242	10,226	9,255	1,519	65,498	10,699	43,621	295,029
Reformulated	7,331	6,670	—	—	—	14,001	—	30,224	90,310
Reformulated Blended with Fuel Ethanol	7,329	6,669	—	—	—	13,998	—	30,224	90,299
Reformulated Other	2	1	—	—	—	3	—	—	11
Conventional	12,925	17,572	10,226	9,255	1,519	51,497	10,699	13,397	204,719
Conventional Blended with Fuel Ethanol	12,641	1,466	5,002	9,680	1,453	30,242	9,088	13,867	178,372
Ed55 and Lower	12,625	1,465	5,002	9,651	1,452	30,195	9,058	13,860	177,935
Greater than Ed55	16	1	—	29	1	47	30	7	437
Conventional Other	284	16,106	5,224	-425	66	21,255	1,611	-470	26,347
Finished Aviation Gasoline	66	56	74	—	—	196	—	-1	196
Kerosene-Type Jet Fuel	1,522	14,678	10,640	110	-1	26,949	1,090	11,541	50,587
Kerosene	-12	36	44	2	—	70	—	-1	94
Distillate Fuel Oil	6,930	46,878	33,499	2,939	1,094	91,340	6,335	15,455	155,895
15 ppm sulfur and under	6,937	44,996	30,020	2,828	1,094	85,875	6,288	14,365	149,499
Greater than 15 ppm to 500 ppm sulfur	-7	249	2,542	91	—	2,875	21	330	3,333
Greater than 500 ppm sulfur	—	1,633	937	20	—	2,590	26	760	3,063
Residual Fuel Oil	281	1,041	-106	-15	28	1,229	317	2,161	6,161
Less than 0.31 percent sulfur	269	—	428	—	—	697	152	41	990
0.31 to 1.00 percent sulfur	-4	998	332	-15	—	1,311	49	786	3,578
Greater than 1.00 percent sulfur	16	43	-866	—	28	-779	116	1,334	1,593
Petrochemical Feedstocks	52	3,199	2,536	—	—	5,787	—	—	6,655
Naphtha for Petro. Feed. Use	40	1,733	1,332	—	—	3,105	—	—	3,593
Other Oils for Petro. Feed. Use	12	1,466	1,204	—	—	2,682	—	—	3,062
Special Naphthas	63	750	—	218	—	1,031	—	13	1,016
Lubricants	23	1,727	1,609	996	—	4,355	—	259	5,217
Waxes	—	58	73	27	—	158	—	—	194
Petroleum Coke	468	8,548	5,181	173	20	14,390	531	3,899	25,634
Marketable	221	6,712	4,129	155	—	11,217	323	2,990	19,430
Catalyst	247	1,836	1,052	18	20	3,173	208	909	6,204
Asphalt and Road Oil	240	496	573	1,202	36	2,547	1,244	970	11,141
Still Gas	817	6,473	3,574	312	73	11,249	644	3,638	20,739
Miscellaneous Products	147	1,057	478	18	49	1,749	97	389	2,826
Total	31,839	118,593	73,745	15,325	2,866	242,368	21,439	84,497	607,228
Processing Gain(-) or Loss(+)	-1,153	-11,039	-7,198	-339	-61	-19,790	-800	-4,863	-33,327

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	996	92	1,088	4,580	496	804	5,880
Natural Gas Liquids	667	92	759	3,522	346	568	4,436
Ethane	-	-	-	-	-	-	-
Propane	437	28	465	1,590	240	492	2,322
Normal Butane	238	76	314	2,104	162	123	2,389
Isobutane	-8	-12	-20	-172	-56	-47	-275
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	329	-	329	1,058	150	236	1,444
Ethylene	13	-	13	-	-	-	-
Propylene	272	-	272	945	150	236	1,331
Butylene	-2	-	-2	113	-	-	113
Isobutylene	46	-	46	-	-	-	-
Finished Motor Gasoline	91,610	6,914	98,524	49,611	11,267	16,759	77,637
Reformulated	36,068	50	36,118	7,641	1,465	986	10,092
Reformulated Blended with Fuel Ethanol	36,065	50	36,115	7,641	1,464	986	10,091
Reformulated Other	3	-	3	-	1	-	1
Conventional	55,542	6,864	62,406	41,970	9,802	15,773	67,545
Conventional Blended with Fuel Ethanol	55,814	6,879	62,693	39,229	9,737	14,573	63,539
Ed55 and Lower	55,733	6,879	62,612	39,203	9,679	14,392	63,274
Greater than Ed55	81	-	81	26	58	181	265
Conventional Other	-272	-15	-287	2,741	65	1,200	4,006
Finished Aviation Gasoline	-	-	-	-	22	-	22
Kerosene-Type Jet Fuel	3,009	-	3,009	6,972	901	955	8,828
Kerosene	55	2	57	64	-	12	76
Distillate Fuel Oil	6,116	710	6,826	19,495	4,857	10,418	34,770
15 ppm sulfur and under	6,225	724	6,949	19,384	4,793	10,490	34,667
Greater than 15 ppm to 500 ppm sulfur	8	-23	-15	-	-	45	45
Greater than 500 ppm sulfur	-117	9	-108	111	64	-117	58
Residual Fuel Oil	1,294	-	1,294	741	180	145	1,066
Less than 0.31 percent sulfur	-	-	-	95	-	-	95
0.31 to 1.00 percent sulfur	993	-	993	326	87	32	445
Greater than 1.00 percent sulfur	301	-	301	320	93	113	526
Petrochemical Feedstocks	-	-	-	786	-	-	786
Naphtha for Petro. Feed. Use	-	-	-	446	-	-	446
Other Oils for Petro. Feed. Use	-	-	-	340	-	-	340
Special Naphthas	-	20	20	-20	-	8	-12
Lubricants	223	189	412	-	-	259	259
Waxes	-	-7	-7	-	-	52	52
Petroleum Coke	701	20	721	3,817	862	938	5,617
Marketable	271	-	271	2,732	702	666	4,100
Catalyst	430	20	450	1,085	160	272	1,517
Asphalt and Road Oil	393	694	1,087	4,164	832	364	5,360
Still Gas	837	54	891	2,669	590	1,086	4,345
Miscellaneous Products	58	52	110	328	115	43	486
Total	105,292	8,740	114,032	93,207	20,122	31,843	145,172
Processing Gain(-) or Loss(+)	-1,013	52	-961	-4,254	-1,058	-1,200	-6,512

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1,027	9,586	5,557	76	51	16,297	597	2,392	26,254
Natural Gas Liquids	577	5,794	3,109	51	51	9,582	465	2,245	17,487
Ethane	9	181	66	—	—	256	—	—	256
Propane	270	2,544	2,131	20	32	4,997	238	1,040	9,062
Normal Butane	292	3,427	798	31	19	4,567	227	1,144	8,641
Isobutane	6	-358	114	—	—	-238	0	61	-472
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	450	3,792	2,448	25	—	6,715	132	147	8,767
Ethylene	—	12	—	—	—	12	—	—	25
Propylene	411	3,937	2,400	25	—	6,773	12	172	8,560
Butylene	39	-117	48	—	—	-30	120	-25	176
Isobutylene	—	-40	—	—	—	-40	—	—	6
Finished Motor Gasoline	20,604	24,904	9,030	9,388	1,672	65,598	10,992	44,226	296,977
Reformulated	7,140	6,876	—	—	—	14,016	—	30,608	90,834
Reformulated Blended with Fuel Ethanol	7,139	6,876	—	—	—	14,015	—	30,608	90,829
Reformulated Other	1	—	—	—	—	1	—	—	5
Conventional	13,464	18,028	9,030	9,388	1,672	51,582	10,992	13,618	206,143
Conventional Blended with Fuel Ethanol	13,054	1,492	4,988	9,782	1,513	30,829	9,498	14,504	181,063
Ed55 and Lower	13,042	1,491	4,988	9,754	1,512	30,787	9,463	14,496	180,632
Greater than Ed55	12	1	—	28	1	42	35	8	431
Conventional Other	410	16,536	4,042	-394	159	20,753	1,494	-886	25,080
Finished Aviation Gasoline	99	99	86	—	—	284	9	—	315
Kerosene-Type Jet Fuel	1,441	15,084	11,159	121	0	27,805	1,216	12,572	53,430
Kerosene	3	135	4	2	—	144	—	2	279
Distillate Fuel Oil	6,255	48,057	37,513	2,921	1,277	96,023	6,599	14,641	158,859
15 ppm sulfur and under	6,199	45,780	32,943	2,829	1,277	89,028	6,535	14,260	151,439
Greater than 15 ppm to 500 ppm sulfur	56	286	2,504	76	—	2,922	84	107	3,143
Greater than 500 ppm sulfur	—	1,991	2,066	16	—	4,073	-20	274	4,277
Residual Fuel Oil	288	1,508	554	-28	17	2,339	346	1,694	6,739
Less than 0.31 percent sulfur	295	—	755	—	—	1,050	162	54	1,361
0.31 to 1.00 percent sulfur	-17	1,008	383	-28	—	1,346	65	765	3,614
Greater than 1.00 percent sulfur	10	500	-584	—	17	-57	119	875	1,764
Petrochemical Feedstocks	51	3,926	2,876	—	—	6,853	—	—	7,639
Naphtha for Petro. Feed. Use	42	2,083	1,387	—	—	3,512	—	—	3,958
Other Oils for Petro. Feed. Use	9	1,843	1,489	—	—	3,341	—	—	3,681
Special Naphthas	53	731	—	224	—	1,008	—	16	1,032
Lubricants	19	1,681	1,774	839	—	4,313	—	117	5,101
Waxes	—	63	51	27	—	141	—	—	186
Petroleum Coke	458	8,716	5,572	105	21	14,872	693	3,929	25,832
Marketable	216	6,779	4,468	87	—	11,550	479	3,060	19,460
Catalyst	242	1,937	1,104	18	21	3,322	214	869	6,372
Asphalt and Road Oil	201	500	814	1,232	59	2,806	1,083	960	11,296
Still Gas	801	6,992	3,982	301	62	12,138	712	3,713	21,799
Miscellaneous Products	151	1,065	488	15	48	1,767	136	364	2,863
Total	31,451	123,047	79,460	15,223	3,207	252,388	22,383	84,626	618,601
Processing Gain(-) or Loss(+)	-950	-12,213	-7,496	-175	-69	-20,903	-871	-4,868	-34,115

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,005	56	1,061	4,119	607	761	5,487
Natural Gas Liquids	656	56	712	3,073	480	531	4,084
Ethane	-	-	-	-	-	-	-
Propane	432	22	454	1,588	264	492	2,344
Normal Butane	229	53	282	1,641	273	77	1,991
Isobutane	-5	-19	-24	-156	-57	-38	-251
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	349	-	349	1,046	127	230	1,403
Ethylene	14	-	14	-	-	-	-
Propylene	293	-	293	907	127	231	1,265
Butylene	-1	-	-1	139	-	-1	138
Isobutylene	43	-	43	-	-	-	-
Finished Motor Gasoline	94,180	7,171	101,351	50,573	11,483	17,258	79,314
Reformulated	36,771	49	36,820	7,670	1,477	1,222	10,369
Reformulated Blended with Fuel Ethanol	36,766	49	36,815	7,670	1,476	1,222	10,368
Reformulated Other	5	-	5	-	1	-	1
Conventional	57,409	7,122	64,531	42,903	10,006	16,036	68,945
Conventional Blended with Fuel Ethanol	57,738	7,119	64,857	40,347	9,804	14,780	64,931
Ed55 and Lower	57,657	7,119	64,776	40,314	9,748	14,601	64,663
Greater than Ed55	81	-	81	33	56	179	268
Conventional Other	-329	3	-326	2,556	202	1,256	4,014
Finished Aviation Gasoline	-	-	-	-	48	-	48
Kerosene-Type Jet Fuel	3,129	-	3,129	6,466	954	1,008	8,428
Kerosene	71	-	71	50	-	8	58
Distillate Fuel Oil	6,188	784	6,972	20,675	5,014	11,459	37,148
15 ppm sulfur and under	6,347	767	7,114	20,746	5,065	11,399	37,210
Greater than 15 ppm to 500 ppm sulfur	17	-	17	-	-	185	185
Greater than 500 ppm sulfur	-176	17	-159	-71	-51	-125	-247
Residual Fuel Oil	1,200	6	1,206	803	155	154	1,112
Less than 0.31 percent sulfur	-	5	5	4	-	-	4
0.31 to 1.00 percent sulfur	978	1	979	413	78	28	519
Greater than 1.00 percent sulfur	222	-	222	386	77	126	589
Petrochemical Feedstocks	-	-	-	867	-	-	867
Naphtha for Petro. Feed. Use	-	-	-	549	-	-	549
Other Oils for Petro. Feed. Use	-	-	-	318	-	-	318
Special Naphthas	-	11	11	-15	-	17	2
Lubricants	150	211	361	-	-	259	259
Waxes	-	-3	-3	-	-	46	46
Petroleum Coke	736	16	752	3,854	919	992	5,765
Marketable	299	-	299	2,762	756	729	4,247
Catalyst	437	16	453	1,092	163	263	1,518
Asphalt and Road Oil	486	617	1,103	3,651	988	387	5,026
Still Gas	832	47	879	2,698	604	1,118	4,420
Miscellaneous Products	52	33	85	307	109	63	479
Total	108,029	8,949	116,978	94,048	20,881	33,530	148,459
Processing Gain(-) or Loss(+)	-1,156	51	-1,105	-3,673	-1,184	-1,194	-6,051

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	951	8,747	5,617	76	39	15,430	581	2,243	24,802
Natural Gas Liquids	588	5,448	3,388	50	39	9,513	439	2,103	16,851
Ethane	8	154	35	—	—	197	—	—	197
Propane	313	2,554	2,126	21	28	5,042	228	1,049	9,117
Normal Butane	292	3,112	1,052	29	11	4,496	213	1,008	7,990
Isobutane	-25	-372	175	—	—	-222	-2	46	-453
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	363	3,299	2,229	26	—	5,917	142	140	7,951
Ethylene	—	13	—	—	—	13	—	—	27
Propylene	368	3,633	2,356	26	—	6,383	41	171	8,153
Butylene	-5	-290	-127	—	—	-422	101	-31	-215
Isobutylene	—	-57	—	—	—	-57	—	—	-14
Finished Motor Gasoline	20,939	25,832	10,176	9,411	1,653	68,011	11,465	45,905	306,046
Reformulated	7,442	6,823	—	—	—	14,265	—	32,072	93,526
Reformulated Blended with Fuel Ethanol	7,441	6,823	—	—	—	14,264	—	32,072	93,519
Reformulated Other	1	—	—	—	—	1	—	—	7
Conventional	13,497	19,009	10,176	9,411	1,653	53,746	11,465	13,833	212,520
Conventional Blended with Fuel Ethanol	13,171	1,495	4,970	9,830	1,518	30,984	9,832	14,673	185,277
Ed55 and Lower	13,155	1,494	4,970	9,803	1,517	30,939	9,799	14,666	184,843
Greater than Ed55	16	1	—	27	1	45	33	7	434
Conventional Other	326	17,514	5,206	-419	135	22,762	1,633	-840	27,243
Finished Aviation Gasoline	82	124	120	—	—	326	8	58	440
Kerosene-Type Jet Fuel	1,531	14,217	10,329	70	0	26,147	1,132	13,347	52,183
Kerosene	7	316	-38	4	—	289	—	0	418
Distillate Fuel Oil	6,402	47,149	36,352	3,025	1,178	94,106	6,570	14,618	159,414
15 ppm sulfur and under	6,263	45,429	32,299	2,953	1,178	88,122	6,528	13,827	152,801
Greater than 15 ppm to 500 ppm sulfur	139	292	1,958	80	—	2,469	57	359	3,087
Greater than 500 ppm sulfur	—	1,428	2,095	-8	—	3,515	-15	432	3,526
Residual Fuel Oil	310	1,921	1,238	-12	18	3,475	325	2,382	8,500
Less than 0.31 percent sulfur	300	—	807	—	—	1,107	163	59	1,338
0.31 to 1.00 percent sulfur	1	1,043	414	-12	—	1,446	30	635	3,609
Greater than 1.00 percent sulfur	9	878	17	—	18	922	132	1,688	3,553
Petrochemical Feedstocks	52	2,959	2,737	—	—	5,748	—	—	6,615
Naphtha for Petro. Feed. Use	40	1,678	1,109	—	—	2,827	—	—	3,376
Other Oils for Petro. Feed. Use	12	1,281	1,628	—	—	2,921	—	—	3,239
Special Naphthas	50	679	—	226	—	955	—	17	985
Lubricants	5	1,077	1,475	758	—	3,315	—	112	4,047
Waxes	—	59	82	29	—	170	—	—	213
Petroleum Coke	478	8,276	5,485	127	22	14,388	674	3,868	25,447
Marketable	226	6,413	4,397	109	—	11,145	467	2,929	19,087
Catalyst	252	1,863	1,088	18	22	3,243	207	939	6,360
Asphalt and Road Oil	160	498	925	1,202	46	2,831	1,004	939	10,903
Still Gas	850	6,540	3,688	251	78	11,407	740	3,782	21,228
Miscellaneous Products	154	1,001	479	14	50	1,698	139	375	2,776
Total	31,971	119,395	78,665	15,181	3,084	248,296	22,638	87,646	624,017
Processing Gain(-) or Loss(+)	-919	-10,964	-6,713	-152	-71	-18,819	-872	-4,467	-31,314

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	616	22	638	2,403	274	601	3,278
Natural Gas Liquids	225	22	247	1,582	166	396	2,144
Ethane	-	-	-	-	-	-	-
Propane	390	24	414	1,475	265	438	2,178
Normal Butane	-138	12	-126	266	-78	19	207
Isobutane	-27	-14	-41	-159	-21	-61	-241
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	391	-	391	821	108	205	1,134
Ethylene	14	-	14	-	-	-	-
Propylene	309	-	309	772	108	204	1,084
Butylene	-1	-	-1	49	-	1	50
Isobutylene	69	-	69	-	-	-	-
Finished Motor Gasoline	89,410	6,757	96,167	48,705	10,605	16,315	75,625
Reformulated	35,190	47	35,237	7,724	1,358	1,031	10,113
Reformulated Blended with Fuel Ethanol	35,185	47	35,232	7,724	1,357	1,031	10,112
Reformulated Other	5	-	5	-	1	-	1
Conventional	54,220	6,710	60,930	40,981	9,247	15,284	65,512
Conventional Blended with Fuel Ethanol	54,611	6,705	61,316	38,292	9,232	14,241	61,765
Ed55 and Lower	54,538	6,705	61,243	38,262	9,179	14,079	61,520
Greater than Ed55	73	-	73	30	53	162	245
Conventional Other	-391	5	-386	2,689	15	1,043	3,747
Finished Aviation Gasoline	-	-	-	-	23	-	23
Kerosene-Type Jet Fuel	2,595	-	2,595	6,269	745	839	7,853
Kerosene	169	2	171	1	-	21	22
Distillate Fuel Oil	5,651	770	6,421	20,870	5,069	9,820	35,759
15 ppm sulfur and under	5,795	748	6,543	20,853	4,966	9,637	35,456
Greater than 15 ppm to 500 ppm sulfur	41	-	41	-	-	43	43
Greater than 500 ppm sulfur	-185	22	-163	17	103	140	260
Residual Fuel Oil	1,163	3	1,166	847	153	145	1,145
Less than 0.31 percent sulfur	0	2	2	138	-	-	138
0.31 to 1.00 percent sulfur	917	1	918	330	62	37	429
Greater than 1.00 percent sulfur	246	-	246	379	91	108	578
Petrochemical Feedstocks	-	-	-	865	-	-	865
Naphtha for Petro. Feed. Use	-	-	-	533	-	-	533
Other Oils for Petro. Feed. Use	-	-	-	332	-	-	332
Special Naphthas	-	15	15	-37	-	15	-22
Lubricants	196	193	389	-	-	233	233
Waxes	-	-13	-13	-	-	42	42
Petroleum Coke	660	16	676	3,611	773	886	5,270
Marketable	246	-	246	2,590	619	651	3,860
Catalyst	414	16	430	1,021	154	235	1,410
Asphalt and Road Oil	514	671	1,185	4,018	1,216	464	5,698
Still Gas	754	41	795	2,557	582	1,023	4,162
Miscellaneous Products	58	35	93	327	100	51	478
Total	101,786	8,512	110,298	90,436	19,540	30,455	140,431
Processing Gain(-) or Loss(+)	-1,050	64	-986	-4,425	-1,100	-1,022	-6,547

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	960	6,836	4,436	17	31	12,280	399	1,736	18,331
Natural Gas Liquids	576	3,733	2,401	9	31	6,750	293	1,663	11,097
Ethane	6	131	29	—	—	166	—	—	166
Propane	341	2,326	2,016	23	28	4,734	214	938	8,478
Normal Butane	211	1,670	242	-14	3	2,112	78	592	2,863
Isobutane	18	-394	114	—	—	-262	1	133	-410
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	384	3,103	2,035	8	—	5,530	106	73	7,234
Ethylene	—	9	—	—	—	9	—	—	23
Propylene	354	3,486	2,152	8	—	6,000	37	130	7,560
Butylene	30	-392	-117	—	—	-479	69	-57	-418
Isobutylene	—	—	—	—	—	—	—	—	69
Finished Motor Gasoline	20,357	24,735	10,797	9,321	1,543	66,753	10,864	43,387	292,796
Reformulated	7,315	6,951	—	—	—	14,266	—	30,640	90,256
Reformulated Blended with Fuel Ethanol	7,311	6,949	—	—	—	14,260	—	30,640	90,244
Reformulated Other	4	2	—	—	—	6	—	—	12
Conventional	13,042	17,784	10,797	9,321	1,543	52,487	10,864	12,747	202,540
Conventional Blended with Fuel Ethanol	12,825	1,421	4,923	9,691	1,404	30,264	9,220	13,560	176,125
Ed55 and Lower	12,810	1,420	4,923	9,665	1,404	30,222	9,190	13,551	175,726
Greater than Ed55	15	1	—	26	—	42	30	9	399
Conventional Other	217	16,363	5,874	-370	139	22,223	1,644	-813	26,415
Finished Aviation Gasoline	88	100	125	—	—	313	4	25	365
Kerosene-Type Jet Fuel	1,352	14,191	8,272	77	0	23,892	1,062	12,634	48,036
Kerosene	2	114	20	14	—	150	—	5	348
Distillate Fuel Oil	6,829	46,798	35,713	2,864	994	93,198	6,139	13,980	155,497
15 ppm sulfur and under	6,875	45,012	31,370	2,741	994	86,992	6,005	13,631	148,627
Greater than 15 ppm to 500 ppm sulfur	-46	314	1,721	104	—	2,093	77	191	2,445
Greater than 500 ppm sulfur	—	1,472	2,622	19	—	4,113	57	158	4,425
Residual Fuel Oil	341	2,251	991	13	26	3,622	337	2,602	8,872
Less than 0.31 percent sulfur	250	—	781	—	—	1,031	186	55	1,412
0.31 to 1.00 percent sulfur	-3	1,124	354	13	—	1,488	31	757	3,623
Greater than 1.00 percent sulfur	94	1,127	-144	—	26	1,103	120	1,790	3,837
Petrochemical Feedstocks	42	3,290	2,348	—	—	5,680	—	—	6,545
Naphtha for Petro. Feed. Use	41	1,809	987	—	—	2,837	—	—	3,370
Other Oils for Petro. Feed. Use	1	1,481	1,361	—	—	2,843	—	—	3,175
Special Naphthas	42	616	—	215	—	873	—	20	886
Lubricants	0	1,421	1,569	784	—	3,774	—	240	4,636
Waxes	—	56	48	31	—	135	—	—	164
Petroleum Coke	476	8,287	5,117	153	19	14,052	610	3,663	24,271
Marketable	241	6,478	4,077	136	—	10,932	409	2,800	18,247
Catalyst	235	1,809	1,040	17	19	3,120	201	863	6,024
Asphalt and Road Oil	199	348	545	1,113	48	2,253	1,158	905	11,199
Still Gas	828	6,493	3,326	261	69	10,977	691	3,662	20,287
Miscellaneous Products	148	989	463	17	41	1,658	125	362	2,716
Total	31,664	116,525	73,770	14,880	2,771	239,610	21,389	83,221	594,949
Processing Gain(-) or Loss(+)	-735	-10,735	-7,268	-103	-44	-18,885	-874	-5,168	-32,460

— = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	553	-13	540	1,044	102	518	1,664
Natural Gas Liquids	76	-13	63	357	-38	313	632
Ethane	-	-	-	-	-	-	-
Propane	408	25	433	1,525	294	482	2,301
Normal Butane	-320	-21	-341	-1,001	-298	-154	-1,453
Isobutane	-12	-17	-29	-167	-34	-15	-216
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	477	-	477	687	140	205	1,032
Ethylene	15	-	15	-	-	-	-
Propylene	402	-	402	630	140	205	975
Butylene	1	-	1	57	-	-	57
Isobutylene	59	-	59	-	-	-	-
Finished Motor Gasoline	92,068	7,080	99,148	49,485	10,890	17,018	77,393
Reformulated	36,359	67	36,426	7,941	1,381	1,108	10,430
Reformulated Blended with Fuel Ethanol	36,358	67	36,425	7,941	1,380	1,108	10,429
Reformulated Other	1	-	1	-	1	-	1
Conventional	55,709	7,013	62,722	41,544	9,509	15,910	66,963
Conventional Blended with Fuel Ethanol	56,430	7,005	63,435	39,182	9,391	14,594	63,167
Ed55 and Lower	56,350	7,005	63,355	39,149	9,336	14,428	62,913
Greater than Ed55	80	-	80	33	55	166	254
Conventional Other	-721	8	-713	2,362	118	1,316	3,796
Finished Aviation Gasoline	-	-	-	-	24	-	24
Kerosene-Type Jet Fuel	2,886	-	2,886	6,567	746	955	8,268
Kerosene	144	7	151	42	-	52	94
Distillate Fuel Oil	6,134	886	7,020	20,438	5,961	11,106	37,505
15 ppm sulfur and under	6,190	827	7,017	20,465	6,031	11,267	37,763
Greater than 15 ppm to 500 ppm sulfur	30	-	30	-	-	190	190
Greater than 500 ppm sulfur	-86	59	-27	-27	-70	-351	-448
Residual Fuel Oil	1,229	8	1,237	834	180	156	1,170
Less than 0.31 percent sulfur	-7	7	0	66	-	-	66
0.31 to 1.00 percent sulfur	1,032	1	1,033	336	83	37	456
Greater than 1.00 percent sulfur	204	-	204	432	97	119	648
Petrochemical Feedstocks	-	-	-	821	-	-	821
Naphtha for Petro. Feed. Use	-	-	-	493	-	-	493
Other Oils for Petro. Feed. Use	-	-	-	328	-	-	328
Special Naphthas	-	8	8	-60	-	14	-46
Lubricants	201	205	406	-	-	203	203
Waxes	-	-15	-15	-	-	16	16
Petroleum Coke	726	21	747	3,549	960	980	5,489
Marketable	278	-	278	2,596	790	716	4,102
Catalyst	448	21	469	953	170	264	1,387
Asphalt and Road Oil	491	733	1,224	3,754	960	326	5,040
Still Gas	791	40	831	2,600	638	1,104	4,342
Miscellaneous Products	57	36	93	267	122	55	444
Total	105,280	8,996	114,276	89,341	20,583	32,503	142,427
Processing Gain(-) or Loss(+)	-1,432	13	-1,419	-4,098	-1,546	-1,484	-7,128

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	484	5,614	3,980	-10	-1	10,067	195	67	12,533
Natural Gas Liquids	170	2,652	2,116	-16	-1	4,921	107	33	5,756
Ethane	4	120	34	-	-	158	-	-	158
Propane	288	2,431	1,865	26	27	4,637	224	901	8,496
Normal Butane	-131	464	117	-42	-28	380	-121	-831	-2,366
Isobutane	9	-363	100	-	-	-254	4	-37	-532
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	314	2,962	1,864	6	-	5,146	88	34	6,777
Ethylene	-	5	-	-	-	5	-	-	20
Propylene	295	3,316	1,845	6	-	5,462	28	66	6,933
Butylene	19	-359	19	-	-	-321	60	-32	-235
Isobutylene	-	-	-	-	-	-	-	-	59
Finished Motor Gasoline	21,167	24,077	10,567	9,518	1,655	66,984	11,007	44,737	299,269
Reformulated	7,543	7,008	-	-	-	14,551	-	31,473	92,880
Reformulated Blended with Fuel Ethanol	7,541	7,006	-	-	-	14,547	-	31,473	92,874
Reformulated Other	2	2	-	-	-	4	-	-	6
Conventional	13,624	17,069	10,567	9,518	1,655	52,433	11,007	13,264	206,389
Conventional Blended with Fuel Ethanol	13,434	1,476	4,924	9,919	1,516	31,269	9,408	14,041	181,320
Ed55 and Lower	13,423	1,475	4,924	9,893	1,515	31,230	9,378	14,031	180,907
Greater than Ed55	11	1	-	26	1	39	30	10	413
Conventional Other	190	15,593	5,643	-401	139	21,164	1,599	-777	25,069
Finished Aviation Gasoline	117	78	98	-	-	293	4	82	403
Kerosene-Type Jet Fuel	1,492	13,179	8,879	87	0	23,637	1,105	12,707	48,603
Kerosene	6	282	-68	32	-	252	-	12	509
Distillate Fuel Oil	6,659	45,824	35,079	2,991	1,036	91,589	6,224	15,054	157,392
15 ppm sulfur and under	6,709	44,001	31,662	2,965	1,036	86,373	6,186	14,134	151,473
Greater than 15 ppm to 500 ppm sulfur	-50	319	1,646	41	-	1,956	48	409	2,633
Greater than 500 ppm sulfur	-	1,504	1,771	-15	-	3,260	-10	511	3,286
Residual Fuel Oil	292	1,324	779	13	50	2,458	324	2,659	7,848
Less than 0.31 percent sulfur	298	-	787	-	-	1,085	178	58	1,387
0.31 to 1.00 percent sulfur	1	1,064	312	13	-	1,390	23	727	3,629
Greater than 1.00 percent sulfur	-7	260	-320	-	50	-17	123	1,874	2,832
Petrochemical Feedstocks	114	3,290	2,116	-	-	5,520	-	-	6,341
Naphtha for Petro. Feed. Use	112	1,641	1,089	-	-	2,842	-	-	3,335
Other Oils for Petro. Feed. Use	2	1,649	1,027	-	-	2,678	-	-	3,006
Special Naphthas	60	633	-	208	-	901	-	13	876
Lubricants	13	976	1,468	861	-	3,318	-	487	4,414
Waxes	-	61	43	25	-	129	-	-	130
Petroleum Coke	417	7,842	5,039	187	20	13,505	648	4,005	24,394
Marketable	187	6,129	4,118	168	-	10,602	421	3,113	18,516
Catalyst	230	1,713	921	19	20	2,903	227	892	5,878
Asphalt and Road Oil	172	221	985	1,181	106	2,665	1,166	915	11,010
Still Gas	783	6,203	3,430	288	80	10,784	628	3,631	20,216
Miscellaneous Products	120	996	461	21	36	1,634	132	385	2,688
Total	31,896	110,600	72,856	15,402	2,982	233,736	21,433	84,754	596,626
Processing Gain(-) or Loss(+)	-952	-8,821	-6,362	-401	-65	-16,601	-902	-5,378	-31,428

- = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	302	-37	265	819	-477	346	688
Natural Gas Liquids	-38	-37	-75	124	-566	133	-309
Ethane	-	-	-	-	-	-	-
Propane	454	23	477	1,558	272	485	2,315
Normal Butane	-458	-44	-502	-1,219	-780	-367	-2,366
Isobutane	-34	-16	-50	-215	-58	15	-258
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	340	-	340	695	89	213	997
Ethylene	15	-	15	-	-	-	-
Propylene	315	-	315	679	89	213	981
Butylene	1	-	1	16	-	-	16
Isobutylene	9	-	9	-	-	-	-
Finished Motor Gasoline	89,096	6,598	95,694	47,529	10,197	16,174	73,900
Reformulated	35,682	40	35,722	7,835	1,365	913	10,113
Reformulated Blended with Fuel Ethanol	35,681	40	35,721	7,835	1,358	913	10,106
Reformulated Other	1	-	1	-	7	-	7
Conventional	53,414	6,558	59,972	39,694	8,832	15,261	63,787
Conventional Blended with Fuel Ethanol	54,482	6,573	61,055	37,758	8,866	14,000	60,624
Ed55 and Lower	54,399	6,573	60,972	37,731	8,815	13,844	60,390
Greater than Ed55	83	-	83	27	51	156	234
Conventional Other	-1,068	-15	-1,083	1,936	-34	1,261	3,163
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,675	-	2,675	6,574	754	878	8,206
Kerosene	219	7	226	225	-	75	300
Distillate Fuel Oil	6,635	790	7,425	20,486	5,534	10,814	36,834
15 ppm sulfur and under	6,777	764	7,541	20,524	5,489	10,823	36,836
Greater than 15 ppm to 500 ppm sulfur	41	-	41	-	-	73	73
Greater than 500 ppm sulfur	-183	26	-157	-38	45	-82	-75
Residual Fuel Oil	1,175	4	1,179	851	114	176	1,141
Less than 0.31 percent sulfur	-14	3	-11	71	-	-	71
0.31 to 1.00 percent sulfur	927	1	928	371	81	40	492
Greater than 1.00 percent sulfur	262	-	262	409	33	136	578
Petrochemical Feedstocks	-	-	-	864	-	-	864
Naphtha for Petro. Feed. Use	-	-	-	578	-	-	578
Other Oils for Petro. Feed. Use	-	-	-	286	-	-	286
Special Naphthas	-	9	9	-21	-	5	-16
Lubricants	186	205	391	-	-	173	173
Waxes	-	-19	-19	-	-	29	29
Petroleum Coke	663	18	681	3,772	886	868	5,526
Marketable	251	-	251	2,837	732	612	4,181
Catalyst	412	18	430	935	154	256	1,345
Asphalt and Road Oil	396	706	1,102	4,293	1,287	313	5,893
Still Gas	784	44	828	2,502	622	1,073	4,197
Miscellaneous Products	54	41	95	288	119	46	453
Total	102,185	8,366	110,551	88,182	19,036	30,970	138,188
Processing Gain(-) or Loss(+)	-1,123	20	-1,103	-4,317	-1,179	-1,270	-6,766

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	358	5,541	3,508	-45	-2	9,360	94	-254	10,153
Natural Gas Liquids	34	2,318	1,788	-61	-2	4,077	24	-401	3,316
Ethane	4	136	34	-	-	174	-	-	174
Propane	248	2,500	1,931	15	28	4,722	192	922	8,628
Normal Butane	-219	88	-241	-76	-30	-478	-149	-1,398	-4,893
Isobutane	1	-406	64	-	-	-341	-19	75	-593
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	324	3,223	1,720	16	-	5,283	70	147	6,837
Ethylene	-	4	-	-	-	4	-	-	19
Propylene	266	3,427	1,809	16	-	5,518	47	169	7,030
Butylene	58	-208	-89	-	-	-239	23	-22	-221
Isobutylene	-	-	-	-	-	-	-	-	9
Finished Motor Gasoline	20,208	27,103	10,273	9,015	1,530	68,129	10,385	42,355	290,463
Reformulated	7,179	6,525	-	-	-	13,704	-	29,583	89,122
Reformulated Blended with Fuel Ethanol	7,177	6,524	-	-	-	13,701	-	29,583	89,111
Reformulated Other	2	1	-	-	-	3	-	-	11
Conventional	13,029	20,578	10,273	9,015	1,530	54,425	10,385	12,772	201,341
Conventional Blended with Fuel Ethanol	12,953	1,415	4,651	9,465	1,448	29,932	8,740	13,410	173,761
Ed55 and Lower	12,942	1,414	4,651	9,444	1,447	29,898	8,712	13,402	173,374
Greater than Ed55	11	1	-	21	1	34	28	8	387
Conventional Other	76	19,163	5,622	-450	82	24,493	1,645	-638	27,580
Finished Aviation Gasoline	74	135	80	-	-	289	6	35	330
Kerosene-Type Jet Fuel	1,558	14,484	9,267	49	-1	25,357	974	12,552	49,764
Kerosene	-10	387	1	25	-	403	-	1	930
Distillate Fuel Oil	6,399	47,445	35,957	2,853	948	93,602	5,745	16,546	160,152
15 ppm sulfur and under	6,443	45,909	31,546	2,808	948	87,654	5,739	15,668	153,438
Greater than 15 ppm to 500 ppm sulfur	-44	315	2,351	51	-	2,673	42	284	3,113
Greater than 500 ppm sulfur	-	1,221	2,060	-6	-	3,275	-36	594	3,601
Residual Fuel Oil	377	1,092	521	13	-70	1,933	319	1,995	6,567
Less than 0.31 percent sulfur	281	-	771	-	-	1,052	154	48	1,314
0.31 to 1.00 percent sulfur	4	1,037	391	13	-	1,445	28	671	3,564
Greater than 1.00 percent sulfur	92	55	-641	-	-70	-564	137	1,276	1,689
Petrochemical Feedstocks	84	3,873	1,954	-	-	5,911	-	-	6,775
Naphtha for Petro. Feed. Use	100	2,167	1,279	-	-	3,546	-	-	4,124
Other Oils for Petro. Feed. Use	-16	1,706	675	-	-	2,365	-	-	2,651
Special Naphthas	66	631	-	200	-	897	-	25	915
Lubricants	12	1,326	1,368	909	-	3,615	-	473	4,652
Waxes	-	46	46	30	-	122	-	-	132
Petroleum Coke	487	8,039	5,569	185	22	14,302	573	3,858	24,940
Marketable	260	6,316	4,657	172	-	11,405	352	2,957	19,146
Catalyst	227	1,723	912	13	22	2,897	221	901	5,794
Asphalt and Road Oil	49	109	618	1,075	29	1,880	1,159	784	10,818
Still Gas	812	6,137	3,593	274	76	10,892	597	3,565	20,079
Miscellaneous Products	123	995	490	21	43	1,672	111	413	2,744
Total	30,597	117,343	73,245	14,604	2,575	238,364	19,963	82,348	589,414
Processing Gain(-) or Loss(+)	-878	-10,268	-5,903	-347	234	-17,162	-742	-4,926	-30,699

- = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	400	-29	371	720	-244	200	676
Natural Gas Liquids	78	-29	49	18	-372	0	-354
Ethane	-	-	-	-	-	-	-
Propane	394	23	417	1,471	237	490	2,198
Normal Butane	-347	-37	-384	-1,236	-570	-447	-2,253
Isobutane	31	-15	16	-217	-39	-43	-299
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	322	-	322	702	128	200	1,030
Ethylene	24	-	24	-	-	-	-
Propylene	285	-	285	706	128	199	1,033
Butylene	-	-	-	-4	-	1	-3
Isobutylene	13	-	13	-	-	-	-
Finished Motor Gasoline	91,341	6,566	97,907	47,230	9,938	16,006	73,174
Reformulated	36,515	54	36,569	8,055	1,350	882	10,287
Reformulated Blended with Fuel Ethanol	36,514	54	36,568	8,055	1,349	882	10,286
Reformulated Other	1	-	1	-	1	-	1
Conventional	54,826	6,512	61,338	39,175	8,588	15,124	62,887
Conventional Blended with Fuel Ethanol	55,543	6,545	62,088	37,688	8,623	13,928	60,239
Ed55 and Lower	55,475	6,545	62,020	37,664	8,578	13,784	60,026
Greater than Ed55	68	-	68	24	45	144	213
Conventional Other	-717	-33	-750	1,487	-35	1,196	2,648
Finished Aviation Gasoline	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel	2,635	-	2,635	5,353	830	905	7,088
Kerosene	114	5	119	105	-	74	179
Distillate Fuel Oil	6,519	796	7,315	19,612	5,321	10,912	35,845
15 ppm sulfur and under	6,568	762	7,330	19,604	5,306	10,886	35,796
Greater than 15 ppm to 500 ppm sulfur	-37	-	-37	-	-	95	95
Greater than 500 ppm sulfur	-12	34	22	8	15	-69	-46
Residual Fuel Oil	1,170	12	1,182	758	209	163	1,130
Less than 0.31 percent sulfur	-25	11	-14	78	-	-	78
0.31 to 1.00 percent sulfur	958	1	959	290	128	36	454
Greater than 1.00 percent sulfur	237	-	237	390	81	127	598
Petrochemical Feedstocks	-	-	-	788	-	-	788
Naphtha for Petro. Feed. Use	-	-	-	400	-	-	400
Other Oils for Petro. Feed. Use	-	-	-	388	-	-	388
Special Naphthas	-	1	1	-23	-	11	-12
Lubricants	183	196	379	-	-	151	151
Waxes	-	-17	-17	-	-	28	28
Petroleum Coke	638	18	656	3,535	904	976	5,415
Marketable	224	-	224	2,621	753	725	4,099
Catalyst	414	18	432	914	151	251	1,316
Asphalt and Road Oil	325	679	1,004	3,337	1,238	229	4,804
Still Gas	796	44	840	2,427	624	1,091	4,142
Miscellaneous Products	47	47	94	302	126	59	487
Total	104,168	8,318	112,486	84,144	18,976	30,805	133,925
Processing Gain(-) or Loss(+)	-1,016	15	-1,001	-3,631	-1,246	-1,346	-6,223

See footnotes at end of table.

Table 17. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	521	5,053	4,187	-33	-17	9,711	99	-406	10,451
Natural Gas Liquids	151	2,286	2,138	-51	-17	4,507	9	-547	3,664
Ethane	5	125	40	-	-	170	-	-	170
Propane	272	2,396	1,916	17	31	4,632	191	697	8,135
Normal Butane	-168	75	55	-68	-48	-154	-193	-1,283	-4,267
Isobutane	42	-310	127	-	-	-141	11	39	-374
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	370	2,767	2,049	18	-	5,204	90	141	6,787
Ethylene	-	8	-	-	-	8	-	-	32
Propylene	374	3,104	2,104	18	-	5,600	46	146	7,110
Butylene	-4	-345	-55	-	-	-404	44	-5	-368
Isobutylene	-	-	-	-	-	-	-	-	13
Finished Motor Gasoline	20,530	25,411	11,026	9,070	1,428	67,465	10,307	43,023	291,876
Reformulated	7,308	6,878	-	-	-	14,186	-	29,994	91,036
Reformulated Blended with Fuel Ethanol	7,307	6,877	-	-	-	14,184	-	29,994	91,032
Reformulated Other	1	1	-	-	-	2	-	-	4
Conventional	13,222	18,533	11,026	9,070	1,428	53,279	10,307	13,029	200,840
Conventional Blended with Fuel Ethanol	13,193	1,452	4,760	9,500	1,409	30,314	8,522	13,245	174,408
Ed55 and Lower	13,181	1,451	4,760	9,479	1,408	30,279	8,499	13,237	174,061
Greater than Ed55	12	1	-	21	1	35	23	8	347
Conventional Other	29	17,081	6,266	-430	19	22,965	1,785	-216	26,432
Finished Aviation Gasoline	76	138	114	-	-	328	3	50	411
Kerosene-Type Jet Fuel	1,263	12,936	10,029	44	0	24,272	1,057	13,355	48,407
Kerosene	5	516	1	34	-	556	2	5	861
Distillate Fuel Oil	5,685	41,191	36,413	2,413	731	86,433	5,657	15,809	151,059
15 ppm sulfur and under	5,742	40,006	31,646	2,384	731	80,509	5,624	15,131	144,390
Greater than 15 ppm to 500 ppm sulfur	-57	218	2,664	55	-	2,880	30	308	3,276
Greater than 500 ppm sulfur	-	967	2,103	-26	-	3,044	3	370	3,393
Residual Fuel Oil	325	1,738	1,333	4	89	3,489	341	2,302	8,444
Less than 0.31 percent sulfur	263	-	741	-	-	1,004	165	39	1,272
0.31 to 1.00 percent sulfur	-4	747	461	4	-	1,208	21	647	3,289
Greater than 1.00 percent sulfur	66	991	131	-	89	1,277	155	1,616	3,883
Petrochemical Feedstocks	68	2,742	2,221	-	-	5,031	-	-	5,819
Naphtha for Petro. Feed. Use	66	1,703	1,217	-	-	2,986	-	-	3,386
Other Oils for Petro. Feed. Use	2	1,039	1,004	-	-	2,045	-	-	2,433
Special Naphthas	30	459	-	167	-	656	-	24	669
Lubricants	14	1,553	1,418	853	-	3,838	-	332	4,700
Waxes	-	23	54	14	-	91	-	-	102
Petroleum Coke	397	7,385	5,418	163	22	13,385	676	4,082	24,214
Marketable	171	5,751	4,449	149	-	10,520	466	3,184	18,493
Catalyst	226	1,634	969	14	22	2,865	210	898	5,721
Asphalt and Road Oil	153	-7	289	1,048	68	1,551	903	749	9,011
Still Gas	700	5,768	3,621	261	76	10,426	633	3,853	19,894
Miscellaneous Products	99	887	482	17	43	1,528	107	437	2,653
Total	29,866	105,793	76,606	14,055	2,440	228,760	19,785	83,615	578,571
Processing Gain(-) or Loss(+)	-576	-9,953	-7,490	-241	284	-17,976	-1,008	-4,349	-30,557

- = No Data Reported.

Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	18,537	2,992	21,529	77,673	15,525	28,171	121,369
Hydrocarbon Gas Liquids	427	-	427	2,476	33	795	3,304
Natural Gas Liquids	427	-	427	2,476	33	795	3,304
Normal Butane	289	-	289	822	-	64	886
Isobutane	138	-	138	1,263	33	469	1,765
Natural Gasoline	-	-	-	391	-	262	653
Other Liquids	-8,662	-84	-8,746	-39,891	-5,739	-12,584	-58,214
Hydrogen/Biofuels/Other Hydrocarbons	160	140	300	1,048	487	360	1,895
Hydrogen	103	6	109	813	310	209	1,332
Biofuels (Including Fuel Ethanol)	57	134	191	221	177	151	549
Fuel Ethanol	57	113	170	160	166	132	458
Biodiesel	-	21	21	61	11	19	91
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	14	-	-	14
Unfinished Oils (net)	1,753	-102	1,651	-559	306	-257	-510
Naphthas and Lighter	114	-50	64	-80	7	-178	-251
Kerosene and Light Gas Oils	177	-	177	-222	37	-57	-242
Heavy Gas Oils	909	-56	853	244	262	40	546
Residuum	553	4	557	-501	-	-62	-563
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,575	-122	-10,697	-40,380	-6,532	-12,687	-59,599
Reformulated - RBOB	-7,111	-	-7,111	-7,417	-	-	-7,417
Conventional	-3,464	-122	-3,586	-32,963	-6,532	-12,687	-52,182
CBOB	-2,850	-136	-2,986	-31,504	-6,401	-12,738	-50,643
GTAB	-	-	-	-	-	-	-
Other	-614	14	-600	-1,459	-131	51	-1,539
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	10,302	2,908	13,210	40,258	9,819	16,382	66,459
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	631	97	728	2,504	512	911	3,927
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	87.7	98.3	89.0	92.0	93.5	98.2	93.6
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	92	15	107	442	68	161	670
Catalytic Cracking	245	16	260	759	140	215	1,113
Catalytic Hydrocracking	36	-	36	180	58	57	295
Delayed and Fluid Coking	32	-	32	353	71	89	513
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.73	1.66	0.86	1.64	1.84	0.67	1.44
API Gravity, Weighted Average (degrees)	35.18	31.74	34.70	31.72	27.04	38.94	32.71
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operating	720	98	818	2,721	510	928	4,159
Idle	-	-	-	-	38	-	38
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,259	132,990	92,183	7,382	1,911	254,725	18,217	63,658	479,498
Hydrocarbon Gas Liquids	784	4,548	4,196	80	100	9,708	548	1,191	15,178
Natural Gas Liquids	784	4,548	4,196	80	100	9,708	548	1,191	15,178
Normal Butane	472	1,837	2,059	43	—	4,411	268	748	6,602
Isobutane	274	1,901	1,198	34	100	3,507	176	426	6,012
Natural Gasoline	38	810	939	3	—	1,790	104	17	2,564
Other Liquids	-9,516	-54,402	-30,963	-1,981	-1,070	-97,932	-4,777	-30,222	-199,891
Hydrogen/Biofuels/Other Hydrocarbons	330	2,322	1,762	104	61	4,579	541	1,867	9,182
Hydrogen	125	2,244	1,358	59	49	3,835	236	1,444	6,956
Biofuels (Including Fuel Ethanol)	205	78	404	45	12	744	305	423	2,212
Fuel Ethanol	186	42	183	37	5	453	248	108	1,437
Biodiesel	19	36	24	8	7	94	18	17	241
Renewable Diesel Fuel	—	—	—	—	—	—	—	293	293
Other Biofuels ¹	—	—	197	—	—	197	39	5	241
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils (net)	-600	-6,409	4,247	-114	-106	-2,982	-103	843	-1,101
Naphthas and Lighter	-117	-7,482	-575	37	-155	-8,292	-21	-846	-9,346
Kerosene and Light Gas Oils	-182	-2,469	138	-81	-18	-2,612	48	182	-2,447
Heavy Gas Oils	-244	610	1,706	23	67	2,162	-56	1,132	4,637
Residuum	-57	2,932	2,978	-93	—	5,760	-74	375	6,055
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,247	-50,315	-36,976	-1,971	-1,025	-99,534	-5,215	-32,932	-207,977
Reformulated - RBOB	-899	-13,426	-1,075	—	-473	-15,873	—	-24,843	-55,244
Conventional	-8,348	-36,889	-35,901	-1,971	-552	-83,661	-5,215	-8,089	-152,733
CBOB	-8,229	-30,279	-34,556	-1,945	-600	-75,609	-5,146	-7,825	-142,209
GTAB	—	—	—	—	—	—	—	—	—
Other	-119	-6,610	-1,345	-26	48	-8,052	-69	-264	-10,524
Aviation Gasoline Blend. Comp. (net)	1	—	4	—	—	5	—	—	5
Total Input to Refineries	11,527	83,136	65,416	5,481	941	166,501	13,988	34,627	294,785
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	660	4,467	3,154	217	62	8,560	591	2,163	15,970
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operable Utilization Rate (percent) ²	88.5	85.9	95.9	83.5	56.0	89.1	89.2	81.7	89.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	141	693	531	38	9	1,412	95	327	2,611
Catalytic Cracking	167	1,223	723	16	19	2,148	156	527	4,205
Catalytic Hydrocracking	38	499	438	15	12	1,002	28	448	1,808
Delayed and Fluid Coking	28	718	488	26	—	1,260	53	366	2,223
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.67	1.41	1.11	1.29	0.83	1.23	1.38	1.41	1.29
API Gravity, Weighted Average (degrees)	39.88	33.74	32.00	31.64	38.11	33.69	32.19	28.33	32.70
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operating	746	5,113	3,288	260	110	9,517	654	2,642	17,789
Idle	—	90	—	—	—	90	10	8	145
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	13,631	13,631

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	15,790	2,528	18,318	69,668	14,166	24,861	108,695
Hydrocarbon Gas Liquids	385	-	385	1,908	27	679	2,614
Natural Gas Liquids	385	-	385	1,908	27	679	2,614
Normal Butane	259	-	259	582	-	47	629
Isobutane	126	-	126	985	27	415	1,427
Natural Gasoline	-	-	-	341	-	217	558
Other Liquids	-6,757	36	-6,721	-33,932	-5,346	-10,680	-49,958
Hydrogen/Biofuels/Other Hydrocarbons	163	126	289	932	446	311	1,689
Hydrogen	101	6	107	710	273	175	1,158
Biofuels (Including Fuel Ethanol)	62	120	182	215	173	136	524
Fuel Ethanol	62	101	163	158	161	118	437
Biodiesel	-	19	19	57	12	18	87
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	7	-	-	7
Unfinished Oils (net)	1,557	-54	1,503	237	173	84	494
Naphthas and Lighter	86	-8	78	427	-7	293	713
Kerosene and Light Gas Oils	328	-	328	-20	23	22	25
Heavy Gas Oils	943	-47	896	-123	157	-138	-104
Residuum	200	1	201	-47	-	-93	-140
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,477	-36	-8,513	-35,101	-5,965	-11,075	-52,141
Reformulated - RBOB	-5,679	-	-5,679	-5,953	-	-	-5,953
Conventional	-2,798	-36	-2,834	-29,148	-5,965	-11,075	-46,188
CBOB	-2,477	-46	-2,523	-27,853	-5,740	-11,098	-44,691
GTAB	-	-	-	-	-	-	-
Other	-321	10	-311	-1,295	-225	23	-1,497
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	9,418	2,564	11,982	37,644	8,847	14,860	61,351
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	598	90	688	2,490	519	890	3,898
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	83.2	91.7	84.2	91.5	94.6	95.9	92.9
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	90	14	104	459	74	163	696
Catalytic Cracking	227	14	241	709	143	202	1,055
Catalytic Hydrocracking	34	-	34	193	61	56	310
Delayed and Fluid Coking	36	-	36	362	77	85	524
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.91	1.60	1.00	1.62	1.96	0.66	1.44
API Gravity, Weighted Average (degrees)	36.16	32.26	35.62	31.95	26.32	38.97	32.73
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operating	720	98	818	2,721	510	928	4,159
Idle	-	-	-	-	38	-	38
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,100	120,156	81,160	6,747	2,592	228,755	16,027	59,329	431,124
Hydrocarbon Gas Liquids	616	3,678	3,700	60	117	8,171	374	741	12,285
Natural Gas Liquids	616	3,678	3,700	60	117	8,171	374	741	12,285
Normal Butane	337	1,122	1,598	28	—	3,085	125	311	4,409
Isobutane	249	1,821	1,193	28	117	3,408	146	415	5,522
Natural Gasoline	30	735	909	4	—	1,678	103	15	2,354
Other Liquids	-8,232	-48,415	-29,133	-1,550	-1,459	-88,789	-3,590	-28,737	-177,795
Hydrogen/Biofuels/Other Hydrocarbons	298	1,881	1,533	106	51	3,869	528	1,464	7,839
Hydrogen	115	1,841	1,195	59	39	3,249	232	1,113	5,859
Biofuels (Including Fuel Ethanol)	183	40	338	47	12	620	296	351	1,973
Fuel Ethanol	166	41	176	38	5	426	241	104	1,371
Biodiesel	17	-1	43	9	7	75	15	13	209
Renewable Diesel Fuel	—	—	—	—	—	—	—	230	230
Other Biofuels ¹	—	—	119	—	—	119	40	4	163
Other Hydrocarbons	—	—	—	—	—	—	—	—	7
Unfinished Oils (net)	-98	-7,575	2,962	28	-168	-4,851	-102	-534	-3,490
Naphthas and Lighter	-269	-8,478	-1,010	50	-100	-9,807	-94	-375	-9,485
Kerosene and Light Gas Oils	55	-798	-828	2	-30	-1,599	119	-1,381	-2,508
Heavy Gas Oils	243	-322	1,522	30	-38	1,435	-150	1,014	3,091
Residuum	-127	2,023	3,278	-54	—	5,120	23	208	5,412
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,432	-42,721	-33,628	-1,684	-1,342	-87,807	-4,016	-29,667	-182,144
Reformulated - RBOB	-607	-11,779	-1,613	—	-548	-14,547	—	-21,806	-47,985
Conventional	-7,825	-30,942	-32,015	-1,684	-794	-73,260	-4,016	-7,861	-134,159
CBOB	-7,773	-24,545	-29,621	-1,669	-777	-64,385	-3,977	-7,804	-123,380
GTAB	—	—	—	—	—	—	—	—	—
Other	-52	-6,397	-2,394	-15	-17	-8,875	-39	-57	-10,779
Aviation Gasoline Blend. Comp. (net)	0	—	—	—	—	0	—	—	0
Total Input to Refineries	10,484	75,419	55,727	5,257	1,250	148,137	12,811	31,333	265,614
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	651	4,445	3,133	219	93	8,542	573	2,245	15,947
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operable Utilization Rate (percent) ²	87.3	85.4	95.3	84.4	84.2	88.9	86.5	84.7	88.9
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	139	594	547	36	18	1,335	91	370	2,596
Catalytic Cracking	176	1,165	834	16	27	2,218	149	556	4,219
Catalytic Hydrocracking	39	464	436	15	17	972	26	438	1,779
Delayed and Fluid Coking	28	691	508	26	—	1,253	58	382	2,252
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.70	1.36	1.18	1.39	0.83	1.23	1.35	1.36	1.29
API Gravity, Weighted Average (degrees)	40.08	34.08	32.84	31.13	38.56	34.20	32.76	28.15	33.00
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operating	746	5,113	3,288	260	110	9,517	654	2,518	17,665
Idle	—	90	—	—	—	90	10	132	269
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	13,543	13,543

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	18,156	1,634	19,790	74,106	15,633	25,556	115,295
Hydrocarbon Gas Liquids	301	-	301	1,699	38	783	2,520
Natural Gas Liquids	301	-	301	1,699	38	783	2,520
Normal Butane	236	-	236	156	-	3	159
Isobutane	65	-	65	1,153	38	451	1,642
Natural Gasoline	-	-	-	390	-	329	719
Other Liquids	-7,808	51	-7,757	-35,913	-5,587	-10,402	-51,902
Hydrogen/Biofuels/Other Hydrocarbons	168	88	256	930	497	370	1,797
Hydrogen	99	9	108	692	308	195	1,195
Biofuels (Including Fuel Ethanol)	69	79	148	219	189	175	583
Fuel Ethanol	69	61	130	170	169	153	492
Biodiesel	-	18	18	49	20	22	91
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	19	-	-	19
Unfinished Oils (net)	776	-102	674	-1,550	41	-305	-1,814
Naphthas and Lighter	-200	8	-192	-576	-10	-293	-879
Kerosene and Light Gas Oils	-87	-	-87	-451	12	9	-430
Heavy Gas Oils	547	-111	436	-223	39	-66	-250
Residuum	516	1	517	-300	-	45	-255
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,752	65	-8,687	-35,293	-6,125	-10,467	-51,885
Reformulated - RBOB	-6,132	-	-6,132	-5,206	-	-	-5,206
Conventional	-2,620	65	-2,555	-30,087	-6,125	-10,467	-46,679
CBOB	-2,766	73	-2,693	-29,427	-6,428	-10,581	-46,436
GTAB	-	-	-	-	-	-	-
Other	146	-8	138	-660	303	114	-243
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	10,649	1,685	12,334	39,892	10,084	15,937	65,913
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	620	53	672	2,386	521	825	3,733
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	86.1	53.8	82.2	87.7	95.1	88.9	89.0
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	78	9	86	401	68	141	610
Catalytic Cracking	225	5	229	706	136	185	1,027
Catalytic Hydrocracking	24	-	24	156	57	47	260
Delayed and Fluid Coking	39	-	39	327	78	92	497
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.82	0.96	0.83	1.71	1.88	0.71	1.51
API Gravity, Weighted Average (degrees)	35.04	36.03	35.12	32.32	27.01	38.80	32.95
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operating	720	98	818	2,661	510	888	4,059
Idle	-	-	-	60	38	40	138
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,675	147,025	91,759	7,571	2,841	267,871	17,479	70,816	491,251
Hydrocarbon Gas Liquids	537	4,161	3,199	54	153	8,104	436	361	11,722
Natural Gas Liquids	537	4,161	3,199	54	153	8,104	436	361	11,722
Normal Butane	207	1,013	810	4	—	2,034	158	55	2,642
Isobutane	299	2,300	1,472	48	153	4,272	156	286	6,421
Natural Gasoline	31	848	917	2	—	1,798	122	20	2,659
Other Liquids	-7,379	-56,314	-30,011	-1,712	-1,518	-96,934	-4,245	-33,545	-194,383
Hydrogen/Biofuels/Other Hydrocarbons	337	2,397	1,849	132	55	4,770	532	1,637	8,992
Hydrogen	105	2,297	1,353	73	41	3,869	242	1,241	6,655
Biofuels (Including Fuel Ethanol)	232	100	496	59	14	901	290	396	2,318
Fuel Ethanol	215	47	201	41	5	509	248	126	1,505
Biodiesel	17	53	60	18	9	157	12	17	295
Renewable Diesel Fuel	—	—	—	—	—	—	—	251	251
Other Biofuels ¹	—	—	235	—	—	235	30	2	267
Other Hydrocarbons	—	—	—	—	—	—	—	—	19
Unfinished Oils (net)	239	-3,671	4,865	-66	-37	1,330	-77	-1,240	-1,127
Naphthas and Lighter	-78	-6,708	-915	-3	-75	-7,779	-109	33	-8,926
Kerosene and Light Gas Oils	189	-1,413	-35	-13	-4	-1,276	-52	-621	-2,466
Heavy Gas Oils	70	406	2,818	8	42	3,344	167	-112	3,585
Residuum	58	4,044	2,997	-58	—	7,041	-83	-540	6,680
Motor Gasoline Blend.Comp. (MGBC)(net)	-7,967	-55,040	-36,729	-1,778	-1,536	-103,050	-4,700	-33,942	-202,264
Reformulated - RBOB	-702	-15,335	-3,334	—	-670	-20,041	—	-24,499	-55,878
Conventional	-7,265	-39,705	-33,395	-1,778	-866	-83,009	-4,700	-9,443	-146,386
CBOB	-7,410	-30,252	-31,296	-1,762	-870	-71,590	-4,854	-8,678	-134,251
GTAB	—	—	—	—	—	—	—	—	—
Other	145	-9,453	-2,099	-16	4	-11,419	154	-765	-12,135
Aviation Gasoline Blend. Comp. (net)	12	—	4	—	—	16	—	—	16
Total Input to Refineries	11,833	94,872	64,947	5,913	1,476	179,041	13,670	37,632	308,590
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	607	4,986	3,135	224	92	9,044	565	2,400	16,414
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operable Utilization Rate (percent) ²	81.4	95.8	95.4	86.2	83.3	94.2	85.1	90.6	91.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	131	753	524	38	18	1,464	86	402	2,648
Catalytic Cracking	165	1,243	802	16	24	2,250	163	573	4,241
Catalytic Hydrocracking	44	573	407	17	14	1,054	28	444	1,810
Delayed and Fluid Coking	20	756	479	25	—	1,280	52	409	2,277
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.55	1.42	1.19	1.26	0.83	1.25	1.40	1.35	1.32
API Gravity, Weighted Average (degrees)	40.16	33.82	32.74	32.66	38.86	34.02	32.35	28.55	32.98
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operating	746	5,158	3,288	260	110	9,562	654	2,644	17,736
Idle	—	45	—	—	—	45	10	6	198
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,689	15,689

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	19,208	1,180	20,388	69,928	14,590	26,023	110,541
Hydrocarbon Gas Liquids	209	-	209	1,675	37	752	2,464
Natural Gas Liquids	209	-	209	1,675	37	752	2,464
Normal Butane	62	-	62	-	-	-	-
Isobutane	147	-	147	1,233	37	472	1,742
Natural Gasoline	-	-	-	442	-	280	722
Other Liquids	-7,762	112	-7,650	-32,363	-5,038	-10,764	-48,165
Hydrogen/Biofuels/Other Hydrocarbons	197	65	262	808	499	381	1,688
Hydrogen	120	-	120	593	276	191	1,060
Biofuels (Including Fuel Ethanol)	77	65	142	198	223	190	611
Fuel Ethanol	77	51	128	160	169	146	475
Biodiesel	-	14	14	38	54	24	116
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	20	20
Other Hydrocarbons	-	-	-	17	-	-	17
Unfinished Oils (net)	431	-209	222	-526	-43	-769	-1,338
Naphthas and Lighter	-160	-180	-340	299	17	-170	146
Kerosene and Light Gas Oils	95	-	95	-206	20	-277	-463
Heavy Gas Oils	288	-26	262	-140	-80	15	-205
Residuum	208	-3	205	-479	-	-337	-816
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,390	256	-8,134	-32,645	-5,494	-10,376	-48,515
Reformulated - RBOB	-6,010	-	-6,010	-6,627	-	-	-6,627
Conventional	-2,380	256	-2,124	-26,018	-5,494	-10,376	-41,888
CBOB	-2,303	281	-2,022	-26,622	-5,483	-10,384	-42,489
GTAB	-	-	-	-	-	-	-
Other	-77	-25	-102	604	-11	8	601
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	11,655	1,292	12,947	39,240	9,589	16,011	64,840
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	652	39	691	2,328	508	868	3,704
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	90.6	40.2	84.5	85.6	92.6	93.6	88.3
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	60	4	64	427	70	144	641
Catalytic Cracking	242	4	246	683	130	204	1,016
Catalytic Hydrocracking	31	-	31	156	65	46	267
Delayed and Fluid Coking	35	-	35	292	61	85	438
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.85	0.86	0.86	1.59	1.81	0.73	1.41
API Gravity, Weighted Average (degrees)	35.26	37.40	35.39	33.77	27.56	38.68	34.06
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operating	720	98	818	2,661	510	928	4,099
Idle	-	-	-	60	38	-	98
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,687	143,544	86,385	7,468	2,514	259,598	16,456	62,466	469,449
Hydrocarbon Gas Liquids	384	4,215	2,561	59	115	7,334	416	459	10,882
Natural Gas Liquids	384	4,215	2,561	59	115	7,334	416	459	10,882
Normal Butane	98	1,003	204	—	—	1,305	118	21	1,506
Isobutane	258	2,357	1,491	54	115	4,275	158	423	6,745
Natural Gasoline	28	855	866	5	—	1,754	140	15	2,631
Other Liquids	-8,185	-52,990	-25,910	-1,584	-1,405	-90,074	-3,852	-26,465	-176,206
Hydrogen/Biofuels/Other Hydrocarbons	306	2,396	2,044	119	43	4,908	543	1,736	9,137
Hydrogen	79	2,345	1,515	61	36	4,036	210	1,355	6,781
Biofuels (Including Fuel Ethanol)	227	51	529	58	7	872	333	381	2,339
Fuel Ethanol	206	48	194	44	5	497	275	126	1,501
Biodiesel	21	3	44	14	2	84	27	17	258
Renewable Diesel Fuel	—	—	21	—	—	21	—	237	258
Other Biofuels ¹	—	—	270	—	—	270	31	1	322
Other Hydrocarbons	—	—	—	—	—	—	—	—	17
Unfinished Oils (net)	-400	-3,157	9,908	-63	-175	6,113	-585	3,634	8,046
Naphthas and Lighter	259	-6,710	-308	4	-95	-6,850	-241	123	-7,162
Kerosene and Light Gas Oils	-176	-1,538	-275	36	-52	-2,005	-79	65	-2,387
Heavy Gas Oils	-212	2,021	6,326	-21	-28	8,086	-255	2,307	10,195
Residuum	-271	3,070	4,165	-82	—	6,882	-10	1,139	7,400
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,100	-52,229	-37,864	-1,640	-1,273	-101,106	-3,810	-31,835	-193,400
Reformulated - RBOB	-699	-14,107	-6,427	—	-438	-21,671	—	-24,513	-58,821
Conventional	-7,401	-38,122	-31,437	-1,640	-835	-79,435	-3,810	-7,322	-134,579
CBOB	-7,485	-29,538	-29,425	-1,630	-798	-68,876	-3,941	-8,072	-125,400
GTAB	—	—	—	—	—	—	—	—	—
Other	84	-8,584	-2,012	-10	-37	-10,559	131	750	-9,179
Aviation Gasoline Blend. Comp. (net)	9	—	2	—	—	11	—	—	11
Total Input to Refineries	11,886	94,769	63,036	5,943	1,224	176,858	13,020	36,460	304,125
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	661	4,869	3,120	221	84	8,955	551	2,222	16,122
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operable Utilization Rate (percent) ²	88.6	93.6	94.9	85.1	76.2	93.2	83.0	83.8	89.9
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	145	776	476	37	16	1,450	89	352	2,596
Catalytic Cracking	156	1,333	881	18	22	2,409	145	660	4,477
Catalytic Hydrocracking	23	581	392	18	8	1,022	28	437	1,785
Delayed and Fluid Coking	19	769	511	33	—	1,332	44	384	2,234
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.54	1.46	1.20	1.33	0.83	1.28	1.23	1.32	1.30
API Gravity, Weighted Average (degrees)	40.08	34.22	29.83	31.74	38.68	33.27	33.48	28.68	32.92
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operating	746	5,203	3,163	260	110	9,482	592	2,644	17,634
Idle	—	—	125	—	—	125	71	6	300
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	13,311	13,311

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,394	2,791	24,185	76,822	16,470	27,556	120,848
Hydrocarbon Gas Liquids	125	-	125	1,746	50	731	2,527
Natural Gas Liquids	125	-	125	1,746	50	731	2,527
Normal Butane	-	-	-	-	-	-	-
Isobutane	125	-	125	1,338	50	444	1,832
Natural Gasoline	-	-	-	408	-	287	695
Other Liquids	-8,275	-69	-8,344	-34,175	-5,552	-10,665	-50,392
Hydrogen/Biofuels/Other Hydrocarbons	162	129	291	876	533	423	1,832
Hydrogen	98	-	98	640	298	195	1,133
Biofuels (Including Fuel Ethanol)	64	129	193	233	235	228	696
Fuel Ethanol	64	98	162	187	169	159	515
Biodiesel	-	31	31	46	66	19	131
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	50	50
Other Hydrocarbons	-	-	-	3	-	-	3
Unfinished Oils (net)	761	-126	635	-1,067	31	474	-562
Naphthas and Lighter	468	-85	383	-43	-52	204	109
Kerosene and Light Gas Oils	472	-	472	-20	39	344	363
Heavy Gas Oils	-334	-42	-376	-628	44	-12	-596
Residuum	155	1	156	-376	-	-62	-438
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,198	-72	-9,270	-33,984	-6,116	-11,562	-51,662
Reformulated - RBOB	-6,565	-	-6,565	-7,368	-	-	-7,368
Conventional	-2,633	-72	-2,705	-26,616	-6,116	-11,562	-44,294
CBOB	-2,376	-69	-2,445	-26,399	-6,061	-11,528	-43,988
GTAB	-	-	-	-	-	-	-
Other	-257	-3	-260	-217	-55	-34	-306
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	13,244	2,722	15,966	44,393	10,968	17,622	72,983
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	699	90	788	2,472	546	890	3,908
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	97.1	91.5	96.4	90.9	99.7	95.9	93.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	126	14	141	451	76	169	696
Catalytic Cracking	219	16	234	711	135	199	1,044
Catalytic Hydrocracking	43	-	43	168	67	54	288
Delayed and Fluid Coking	39	-	39	319	73	84	476
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.84	1.57	0.92	1.41	1.77	0.65	1.29
API Gravity, Weighted Average (degrees)	33.84	32.26	33.65	33.82	28.21	38.86	34.14
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operating	720	98	818	2,721	510	928	4,159
Idle	-	-	-	-	38	-	38
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,822	151,395	91,990	8,237	2,630	275,074	14,707	68,588	503,402
Hydrocarbon Gas Liquids	499	4,354	2,926	53	123	7,955	376	560	11,543
Natural Gas Liquids	499	4,354	2,926	53	123	7,955	376	560	11,543
Normal Butane	193	842	296	—	—	1,331	58	14	1,403
Isobutane	258	2,604	1,382	49	123	4,416	170	529	7,072
Natural Gasoline	48	908	1,248	4	—	2,208	148	17	3,068
Other Liquids	-8,038	-53,483	-33,321	-1,856	-1,223	-97,921	-2,739	-31,616	-191,012
Hydrogen/Biofuels/Other Hydrocarbons	326	2,481	1,760	112	49	4,728	490	1,883	9,224
Hydrogen	112	2,392	1,381	61	40	3,986	202	1,531	6,950
Biofuels (Including Fuel Ethanol)	214	89	379	51	9	742	288	352	2,271
Fuel Ethanol	191	49	200	44	6	490	254	133	1,554
Biodiesel	23	40	30	7	3	103	18	16	299
Renewable Diesel Fuel	—	—	—	—	—	—	—	203	203
Other Biofuels ¹	—	—	149	—	—	149	16	—	215
Other Hydrocarbons	—	—	—	—	—	—	—	—	3
Unfinished Oils (net)	41	-3,574	5,768	-217	90	2,108	-49	686	2,818
Naphthas and Lighter	-14	-6,782	-295	-54	2	-7,143	-141	-535	-7,327
Kerosene and Light Gas Oils	77	-1,090	-293	-89	47	-1,348	47	-607	-1,073
Heavy Gas Oils	50	953	4,180	-9	41	5,215	125	1,539	5,907
Residuum	-72	3,345	2,176	-65	—	5,384	-80	289	5,311
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,413	-52,390	-40,849	-1,751	-1,362	-104,765	-3,180	-34,185	-203,062
Reformulated - RBOB	-988	-16,179	-7,261	—	-611	-25,039	—	-24,983	-63,955
Conventional	-7,425	-36,211	-33,588	-1,751	-751	-79,726	-3,180	-9,202	-139,107
CBOB	-7,420	-28,881	-32,051	-1,737	-823	-70,912	-3,607	-9,278	-130,230
GTAB	—	—	—	—	—	—	—	—	—
Other	-5	-7,330	-1,537	-14	72	-8,814	427	76	-8,877
Aviation Gasoline Blend. Comp. (net)	8	—	—	—	—	8	—	—	8
Total Input to Refineries	13,283	102,266	61,595	6,434	1,530	185,108	12,344	37,532	323,933
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	676	5,109	3,148	238	85	9,257	472	2,309	16,734
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operable Utilization Rate (percent) ²	90.6	98.2	95.8	91.6	77.1	96.4	71.1	87.1	93.3
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	142	757	554	39	19	1,510	77	381	2,805
Catalytic Cracking	171	1,376	843	19	22	2,430	129	638	4,476
Catalytic Hydrocracking	47	530	437	17	15	1,046	28	437	1,842
Delayed and Fluid Coking	26	779	497	33	—	1,336	26	401	2,278
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.63	1.47	1.16	1.28	0.83	1.28	1.08	1.28	1.26
API Gravity, Weighted Average (degrees)	39.65	34.48	31.80	31.84	38.14	34.00	34.23	29.85	33.47
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operating	746	5,203	3,288	260	110	9,607	592	2,644	17,819
Idle	—	—	—	—	—	—	71	6	115
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,965	15,965

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	20,792	2,877	23,669	77,807	15,095	27,693	120,595
Hydrocarbon Gas Liquids	120	-	120	1,642	69	871	2,582
Natural Gas Liquids	120	-	120	1,642	69	871	2,582
Normal Butane	-	-	-	7	-	-	7
Isobutane	120	-	120	1,240	69	478	1,787
Natural Gasoline	-	-	-	395	-	393	788
Other Liquids	-8,417	81	-8,336	-35,351	-5,264	-10,895	-51,510
Hydrogen/Biofuels/Other Hydrocarbons	163	141	304	908	517	416	1,841
Hydrogen	93	-	93	676	252	188	1,116
Biofuels (Including Fuel Ethanol)	70	141	211	215	265	228	708
Fuel Ethanol	70	108	178	178	184	146	508
Biodiesel	-	33	33	37	81	23	141
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	59	59
Other Hydrocarbons	-	-	-	17	-	-	17
Unfinished Oils (net)	1,254	-42	1,212	-1,299	65	212	-1,022
Naphthas and Lighter	533	-5	528	228	47	102	377
Kerosene and Light Gas Oils	209	-	209	-573	7	-23	-589
Heavy Gas Oils	283	-34	249	-412	11	81	-320
Residuum	229	-3	226	-542	-	52	-490
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,834	-18	-9,852	-34,960	-5,846	-11,523	-52,329
Reformulated - RBOB	-6,899	-	-6,899	-7,699	-	-	-7,699
Conventional	-2,935	-18	-2,953	-27,261	-5,846	-11,523	-44,630
CBOB	-2,701	-2	-2,703	-26,781	-5,761	-11,671	-44,213
GTAB	-	-	-	-	-	-	-
Other	-234	-16	-250	-480	-85	148	-417
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	12,495	2,958	15,453	44,098	9,900	17,669	71,667
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	722	96	819	2,584	520	931	4,034
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	100.4	98.1	100.1	95.0	94.8	100.3	96.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	134	16	149	495	79	179	753
Catalytic Cracking	249	16	266	748	139	224	1,112
Catalytic Hydrocracking	48	-	48	197	62	53	312
Delayed and Fluid Coking	40	-	40	317	66	75	457
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.87	1.70	0.96	1.50	1.57	0.70	1.32
API Gravity, Weighted Average (degrees)	35.56	31.73	35.12	33.59	28.70	39.18	34.18
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operating	720	98	818	2,721	510	928	4,159
Idle	-	-	-	-	38	-	38
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,576	146,872	89,317	7,894	2,752	268,411	18,198	66,257	497,130
Hydrocarbon Gas Liquids	326	3,727	2,703	58	116	6,930	408	489	10,529
Natural Gas Liquids	326	3,727	2,703	58	116	6,930	408	489	10,529
Normal Butane	5	378	220	-	-	603	75	9	694
Isobutane	284	2,415	1,445	54	116	4,314	183	461	6,865
Natural Gasoline	37	934	1,038	4	-	2,013	150	19	2,970
Other Liquids	-8,953	-53,161	-28,590	-1,743	-1,405	-93,852	-3,964	-28,754	-186,416
Hydrogen/Biofuels/Other Hydrocarbons	338	2,427	1,840	106	28	4,739	531	1,895	9,310
Hydrogen	104	2,384	1,584	63	17	4,152	221	1,463	7,045
Biofuels (Including Fuel Ethanol)	234	43	256	43	11	587	310	432	2,248
Fuel Ethanol	211	45	191	39	8	494	273	135	1,588
Biodiesel	23	-2	37	4	3	65	27	16	282
Renewable Diesel Fuel	-	-	-	-	-	-	-	281	281
Other Biofuels ¹	-	-	28	-	-	28	10	-	97
Other Hydrocarbons	-	-	-	-	-	-	-	-	17
Unfinished Oils (net)	-198	-3,361	9,013	-39	52	5,467	139	2,568	8,364
Naphthas and Lighter	-47	-6,161	-161	-2	102	-6,269	115	-156	-5,405
Kerosene and Light Gas Oils	-91	-703	68	-15	-17	-758	-68	80	-1,126
Heavy Gas Oils	-87	1,060	7,479	60	-33	8,479	236	2,397	11,041
Residuum	27	2,443	1,627	-82	-	4,015	-144	247	3,854
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,087	-52,227	-39,449	-1,810	-1,485	-104,058	-4,634	-33,217	-204,090
Reformulated - RBOB	-695	-17,470	-6,517	-	-541	-25,223	-	-23,981	-63,802
Conventional	-8,392	-34,757	-32,932	-1,810	-944	-78,835	-4,634	-9,236	-140,288
CBOB	-8,108	-26,936	-30,339	-1,779	-907	-68,069	-4,730	-8,767	-128,482
GTAB	-	-	-	-	-	-	-	-	-
Other	-284	-7,821	-2,593	-31	-37	-10,766	96	-469	-11,806
Aviation Gasoline Blend. Comp. (net)	-6	-	6	-	-	0	-	-	0
Total Input to Refineries	12,949	97,438	63,430	6,209	1,463	181,489	14,642	37,992	321,243
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	723	5,051	3,205	240	92	9,312	605	2,339	17,108
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operable Utilization Rate (percent) ²	97.0	97.1	97.5	92.5	83.4	96.9	91.3	88.3	95.4
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	155	828	587	39	21	1,630	101	417	3,049
Catalytic Cracking	183	1,332	888	18	23	2,444	168	622	4,610
Catalytic Hydrocracking	41	588	484	18	15	1,146	24	443	1,974
Delayed and Fluid Coking	29	789	509	28	-	1,355	40	402	2,295
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.61	1.51	1.31	1.31	0.83	1.34	1.27	1.33	1.31
API Gravity, Weighted Average (degrees)	39.76	33.61	31.50	31.99	38.22	33.52	33.25	30.02	33.27
Operable Capacity (daily average)	746	5,203	3,288	260	110	9,607	663	2,650	17,934
Operating	746	5,160	3,288	260	110	9,564	654	2,644	17,838
Idle	-	43	-	-	-	43	10	6	96
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-	13,784	13,784

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,770	2,864	24,634	76,932	14,084	26,894	117,910
Hydrocarbon Gas Liquids	119	-	119	1,653	60	926	2,639
Natural Gas Liquids	119	-	119	1,653	60	926	2,639
Normal Butane	-	-	-	-	-	-	-
Isobutane	119	-	119	1,245	60	447	1,752
Natural Gasoline	-	-	-	408	-	479	887
Other Liquids	-8,654	60	-8,594	-34,101	-4,749	-11,187	-50,037
Hydrogen/Biofuels/Other Hydrocarbons	151	142	293	950	497	398	1,845
Hydrogen	75	-	75	701	294	173	1,168
Biofuels (Including Fuel Ethanol)	76	142	218	236	203	225	664
Fuel Ethanol	76	110	186	195	144	148	487
Biodiesel	-	32	32	41	59	22	122
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	55	55
Other Hydrocarbons	-	-	-	13	-	-	13
Unfinished Oils (net)	1,313	-54	1,259	130	-141	-109	-120
Naphthas and Lighter	690	19	709	602	-236	-15	351
Kerosene and Light Gas Oils	152	-	152	-291	-74	-44	-409
Heavy Gas Oils	87	-76	11	40	169	42	251
Residuum	384	3	387	-221	-	-92	-313
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,118	-28	-10,146	-35,181	-5,105	-11,476	-51,762
Reformulated - RBOB	-6,590	-	-6,590	-7,012	-	-	-7,012
Conventional	-3,528	-28	-3,556	-28,169	-5,105	-11,476	-44,750
CBOB	-2,760	-7	-2,767	-28,038	-4,734	-11,468	-44,240
GTAB	-	-	-	-	-	-	-
Other	-768	-21	-789	-131	-371	-8	-510
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	13,235	2,924	16,159	44,484	9,395	16,633	70,512
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	726	92	819	2,466	469	874	3,809
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	100.9	94.1	100.1	90.6	85.6	94.2	90.8
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	137	16	153	483	54	171	708
Catalytic Cracking	235	15	249	752	124	218	1,094
Catalytic Hydrocracking	49	-	49	208	54	50	312
Delayed and Fluid Coking	41	-	41	317	75	79	471
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.92	1.71	1.02	1.58	1.77	0.58	1.37
API Gravity, Weighted Average (degrees)	35.30	31.96	34.89	33.02	27.85	39.34	33.77
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operating	720	98	818	2,721	510	928	4,159
Idle	-	-	-	-	38	-	38
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,434	150,711	97,246	7,801	3,042	279,234	19,591	65,729	507,098
Hydrocarbon Gas Liquids	424	3,835	3,229	57	134	7,679	515	690	11,642
Natural Gas Liquids	424	3,835	3,229	57	134	7,679	515	690	11,642
Normal Butane	102	332	405	—	—	839	127	19	985
Isobutane	250	2,537	1,562	54	134	4,537	199	652	7,259
Natural Gasoline	72	966	1,262	3	—	2,303	189	19	3,398
Other Liquids	-8,182	-54,167	-31,583	-1,668	-1,452	-97,052	-4,852	-29,186	-189,721
Hydrogen/Biofuels/Other Hydrocarbons	312	2,374	1,943	113	31	4,773	567	1,805	9,283
Hydrogen	102	2,274	1,632	64	21	4,093	223	1,391	6,950
Biofuels (Including Fuel Ethanol)	210	100	311	49	10	680	344	414	2,320
Fuel Ethanol	197	50	192	42	5	486	288	125	1,572
Biodiesel	13	50	36	7	1	107	20	18	299
Renewable Diesel Fuel	—	—	—	—	—	—	—	271	271
Other Biofuels ¹	—	—	83	—	4	87	36	—	178
Other Hydrocarbons	—	—	—	—	—	—	—	—	13
Unfinished Oils (net)	-208	-2,586	9,613	51	28	6,898	-300	2,729	10,466
Naphthas and Lighter	-119	-6,362	1,061	14	26	-5,380	-37	0	-4,357
Kerosene and Light Gas Oils	90	-1,267	235	47	-3	-898	-134	-222	-1,511
Heavy Gas Oils	-156	2,401	7,737	94	5	10,081	-93	3,084	13,334
Residuum	-23	2,642	580	-104	—	3,095	-36	-133	3,000
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,298	-53,955	-43,128	-1,832	-1,511	-108,724	-5,119	-33,720	-209,471
Reformulated - RBOB	-717	-16,114	-7,584	—	-602	-25,017	—	-24,013	-62,632
Conventional	-7,581	-37,841	-35,544	-1,832	-909	-83,707	-5,119	-9,707	-146,839
CBOB	-7,525	-29,944	-32,981	-1,821	-892	-73,163	-5,040	-10,535	-135,745
GTAB	—	—	—	—	—	—	—	—	—
Other	-56	-7,897	-2,563	-11	-17	-10,544	-79	828	-11,094
Aviation Gasoline Blend. Comp. (net)	12	—	-11	—	—	1	—	—	1
Total Input to Refineries	12,676	100,379	68,892	6,190	1,724	189,861	15,254	37,233	329,019
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	663	5,047	3,355	234	98	9,396	623	2,240	16,887
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	663	2,650	17,955
Operable Utilization Rate (percent) ²	88.8	96.6	102.0	89.9	89.2	97.6	94.0	84.5	94.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	148	811	607	38	23	1,627	100	374	2,963
Catalytic Cracking	178	1,388	896	19	23	2,503	173	601	4,621
Catalytic Hydrocracking	40	580	484	19	15	1,139	23	445	1,968
Delayed and Fluid Coking	29	789	530	27	—	1,375	56	402	2,345
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.63	1.44	1.30	1.26	0.83	1.31	1.29	1.32	1.31
API Gravity, Weighted Average (degrees)	39.76	33.64	31.58	32.25	38.59	33.49	32.68	29.16	33.00
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	663	2,650	17,955
Operating	746	5,224	3,288	260	110	9,628	654	2,644	17,902
Idle	—	—	—	—	—	—	10	6	54
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	16,065	16,065

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	22,347	2,784	25,131	76,304	14,681	28,455	119,440
Hydrocarbon Gas Liquids	116	-	116	1,817	60	1,014	2,891
Natural Gas Liquids	116	-	116	1,817	60	1,014	2,891
Normal Butane	-	-	-	29	-	-	29
Isobutane	116	-	116	1,304	60	565	1,929
Natural Gasoline	-	-	-	484	-	449	933
Other Liquids	-9,179	-51	-9,230	-33,368	-4,739	-11,608	-49,715
Hydrogen/Biofuels/Other Hydrocarbons	155	126	281	924	494	437	1,855
Hydrogen	76	-	76	689	281	204	1,174
Biofuels (Including Fuel Ethanol)	79	126	205	233	213	233	679
Fuel Ethanol	79	94	173	190	151	147	488
Biodiesel	-	32	32	43	62	21	126
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	65	65
Other Hydrocarbons	-	-	-	2	-	-	2
Unfinished Oils (net)	283	-176	107	591	20	-111	500
Naphthas and Lighter	389	-113	276	408	112	-86	434
Kerosene and Light Gas Oils	-19	-	-19	-790	7	-47	-830
Heavy Gas Oils	-90	-63	-153	923	-99	66	890
Residuum	3	0	3	50	-	-44	6
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,617	-1	-9,618	-34,883	-5,253	-11,934	-52,070
Reformulated - RBOB	-6,956	-	-6,956	-6,694	-	-	-6,694
Conventional	-2,661	-1	-2,662	-28,189	-5,253	-11,934	-45,376
CBOB	-2,365	-3	-2,368	-27,775	-4,976	-12,031	-44,782
GTAB	-	-	-	-	-	-	-
Other	-296	2	-294	-414	-277	97	-594
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	13,284	2,733	16,017	44,753	10,002	17,861	72,616
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	744	90	834	2,447	497	924	3,868
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	103.4	91.4	102.0	89.9	90.7	99.6	92.2
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	132	14	145	476	47	174	697
Catalytic Cracking	235	13	248	763	130	218	1,111
Catalytic Hydrocracking	47	-	47	206	66	53	324
Delayed and Fluid Coking	42	-	42	324	73	94	492
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.86	1.60	0.95	1.55	1.73	0.74	1.38
API Gravity, Weighted Average (degrees)	35.41	32.52	35.08	33.03	28.41	38.60	33.75
Operable Capacity (daily average)	720	98	818	2,721	548	928	4,197
Operating	720	98	818	2,721	510	928	4,159
Idle	-	-	-	-	38	-	38
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,676	148,931	96,390	7,790	2,788	276,575	19,202	68,910	509,258
Hydrocarbon Gas Liquids	507	4,045	3,492	61	128	8,233	449	699	12,388
Natural Gas Liquids	507	4,045	3,492	61	128	8,233	449	699	12,388
Normal Butane	165	650	438	—	—	1,253	128	24	1,434
Isobutane	299	2,425	1,451	58	128	4,361	159	654	7,219
Natural Gasoline	43	970	1,603	3	—	2,619	162	21	3,735
Other Liquids	-8,490	-55,781	-30,997	-1,765	-1,312	-98,345	-4,412	-30,577	-192,279
Hydrogen/Biofuels/Other Hydrocarbons	326	2,316	1,833	98	63	4,636	576	1,868	9,216
Hydrogen	106	2,292	1,473	61	52	3,984	207	1,440	6,881
Biofuels (Including Fuel Ethanol)	220	24	360	37	11	652	369	428	2,333
Fuel Ethanol	208	38	180	36	6	468	291	147	1,567
Biodiesel	12	-14	54	1	3	56	38	15	267
Renewable Diesel Fuel	—	—	—	—	—	—	—	265	265
Other Biofuels ¹	—	—	126	—	2	128	40	1	234
Other Hydrocarbons	—	—	—	—	—	—	—	—	2
Unfinished Oils (net)	-201	-4,868	8,091	23	0	3,045	-5	1,460	5,107
Naphthas and Lighter	-276	-6,257	636	41	-58	-5,914	62	-153	-5,295
Kerosene and Light Gas Oils	44	-1,121	267	30	20	-760	47	-504	-2,066
Heavy Gas Oils	-8	-139	5,792	45	38	5,728	8	2,574	9,047
Residuum	39	2,649	1,396	-93	—	3,991	-122	-457	3,421
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,622	-53,229	-40,936	-1,886	-1,375	-106,048	-4,983	-33,905	-206,624
Reformulated - RBOB	-727	-16,426	-6,560	—	-591	-24,304	—	-24,939	-62,893
Conventional	-7,895	-36,803	-34,376	-1,886	-784	-81,744	-4,983	-8,966	-143,731
CBOB	-7,862	-29,720	-31,786	-1,864	-753	-71,985	-5,055	-9,909	-134,099
GTAB	—	—	—	—	—	—	—	—	—
Other	-33	-7,083	-2,590	-22	-31	-9,759	72	943	-9,632
Aviation Gasoline Blend. Comp. (net)	7	—	15	—	—	22	—	—	22
Total Input to Refineries	12,693	97,195	68,885	6,086	1,604	186,463	15,239	39,032	329,367
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	672	4,974	3,288	230	90	9,254	616	2,331	16,903
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	663	2,650	17,955
Operable Utilization Rate (percent) ²	90.2	95.2	100.0	88.5	81.8	96.1	93.0	88.0	94.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	146	821	586	38	19	1,610	104	368	2,924
Catalytic Cracking	182	1,210	870	19	24	2,305	173	640	4,477
Catalytic Hydrocracking	41	571	440	16	14	1,083	16	420	1,891
Delayed and Fluid Coking	28	752	518	28	—	1,325	51	401	2,311
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.62	1.45	1.30	1.26	0.83	1.30	1.21	1.18	1.28
API Gravity, Weighted Average (degrees)	39.74	33.63	32.08	32.24	38.62	33.70	32.90	28.71	33.07
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	663	2,650	17,955
Operating	746	5,224	3,288	260	110	9,628	654	2,644	17,902
Idle	—	—	—	—	—	—	10	6	54
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	13,920	13,920

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	19,604	2,853	22,457	74,796	14,651	25,169	114,616
Hydrocarbon Gas Liquids	235	-	235	1,938	70	817	2,825
Natural Gas Liquids	235	-	235	1,938	70	817	2,825
Normal Butane	96	-	96	132	-	1	133
Isobutane	139	-	139	1,389	70	429	1,888
Natural Gasoline	-	-	-	417	-	387	804
Other Liquids	-8,026	146	-7,880	-34,402	-5,165	-10,338	-49,905
Hydrogen/Biofuels/Other Hydrocarbons	151	153	304	912	445	401	1,758
Hydrogen	79	-	79	668	223	177	1,068
Biofuels (Including Fuel Ethanol)	72	153	225	232	222	224	678
Fuel Ethanol	72	123	195	189	162	143	494
Biodiesel	-	30	30	43	60	14	117
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	67	67
Other Hydrocarbons	-	-	-	12	-	-	12
Unfinished Oils (net)	1,103	-46	1,057	-460	66	-22	-416
Naphthas and Lighter	478	14	492	73	119	50	242
Kerosene and Light Gas Oils	93	-	93	-409	-3	-96	-508
Heavy Gas Oils	681	-58	623	-1	-50	-108	-159
Residuum	-149	-2	-151	-123	-	132	9
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,280	39	-9,241	-34,854	-5,676	-10,717	-51,247
Reformulated - RBOB	-6,659	-	-6,659	-6,647	-	-	-6,647
Conventional	-2,621	39	-2,582	-28,207	-5,676	-10,717	-44,600
CBOB	-2,230	32	-2,198	-28,180	-5,975	-10,696	-44,851
GTAB	-	-	-	-	-	-	-
Other	-391	7	-384	-27	299	-21	251
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	11,813	2,999	14,812	42,332	9,556	15,648	67,536
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	674	95	769	2,477	512	846	3,835
Operable Capacity (daily average)	780	98	878	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	86.5	96.9	87.6	91.0	93.4	91.2	91.4
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	122	16	138	448	57	163	669
Catalytic Cracking	236	16	252	737	131	205	1,073
Catalytic Hydrocracking	43	-	43	183	67	41	291
Delayed and Fluid Coking	37	-	37	323	60	93	476
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.97	1.62	1.05	1.61	1.64	0.66	1.41
API Gravity, Weighted Average (degrees)	34.84	32.36	34.52	33.16	29.67	38.98	33.94
Operable Capacity (daily average)	780	98	878	2,721	548	928	4,197
Operating	780	98	878	2,721	510	928	4,159
Idle	-	-	-	-	38	-	38
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	21,297	143,751	88,738	7,842	2,621	264,249	18,268	64,646	484,236
Hydrocarbon Gas Liquids	582	4,513	3,808	65	110	9,078	457	545	13,140
Natural Gas Liquids	582	4,513	3,808	65	110	9,078	457	545	13,140
Normal Butane	266	1,250	1,138	5	-	2,659	134	39	3,061
Isobutane	290	2,513	1,470	58	110	4,441	158	486	7,112
Natural Gasoline	26	750	1,200	2	-	1,978	165	20	2,967
Other Liquids	-8,933	-53,074	-29,031	-1,962	-1,295	-94,295	-4,331	-28,860	-185,271
Hydrogen/Biofuels/Other Hydrocarbons	326	2,317	1,810	99	66	4,618	532	1,803	9,015
Hydrogen	109	2,236	1,542	60	48	3,995	194	1,334	6,670
Biofuels (Including Fuel Ethanol)	217	81	268	39	18	623	338	469	2,333
Fuel Ethanol	199	43	194	38	6	480	270	132	1,571
Biodiesel	18	38	45	1	8	110	20	14	291
Renewable Diesel Fuel	-	-	-	-	-	-	-	319	319
Other Biofuels ¹	-	-	29	-	4	33	48	4	152
Other Hydrocarbons	-	-	-	-	-	-	-	-	12
Unfinished Oils (net)	-100	-3,213	8,695	-139	-81	5,162	-285	1,152	6,670
Naphthas and Lighter	20	-5,771	396	-39	9	-5,385	-77	-434	-5,162
Kerosene and Light Gas Oils	-113	-2,216	-152	-18	-25	-2,524	18	372	-2,549
Heavy Gas Oils	11	1,958	7,767	38	-65	9,709	-198	1,200	11,175
Residuum	-18	2,816	684	-120	-	3,362	-28	14	3,206
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,171	-52,178	-39,541	-1,922	-1,280	-104,092	-4,578	-31,815	-200,973
Reformulated - RBOB	-775	-14,086	-1,185	-	-591	-16,637	-	-23,672	-53,615
Conventional	-8,396	-38,092	-38,356	-1,922	-689	-87,455	-4,578	-8,143	-147,358
CBOB	-8,314	-29,269	-34,893	-1,902	-693	-75,071	-4,710	-8,957	-135,787
GTAB	-	-	-	-	-	-	-	-	-
Other	-82	-8,823	-3,463	-20	4	-12,384	132	814	-11,571
Aviation Gasoline Blend. Comp. (net)	12	-	5	-	-	17	-	-	17
Total Input to Refineries	12,946	95,190	63,515	5,945	1,436	179,032	14,394	36,331	312,105
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	717	4,965	3,164	232	87	9,165	601	2,291	16,661
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	663	2,651	18,017
Operable Utilization Rate (percent) ²	96.2	95.1	96.2	89.1	79.4	95.2	90.6	86.4	92.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	158	778	520	40	20	1,516	97	373	2,793
Catalytic Cracking	176	1,326	866	18	22	2,408	165	584	4,481
Catalytic Hydrocracking	51	547	457	19	8	1,083	15	423	1,856
Delayed and Fluid Coking	30	772	483	35	-	1,321	47	389	2,270
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.61	1.47	1.32	1.55	0.83	1.33	1.23	1.24	1.32
API Gravity, Weighted Average (degrees)	39.87	33.58	31.89	31.25	38.72	33.65	32.56	28.94	33.09
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	663	2,651	18,017
Operating	746	5,224	3,288	260	110	9,628	654	2,645	17,963
Idle	-	-	-	-	-	-	10	6	54
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-	14,126	14,126

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,035	3,108	24,143	73,650	16,427	28,279	118,356
Hydrocarbon Gas Liquids	446	-	446	1,954	86	871	2,911
Natural Gas Liquids	446	-	446	1,954	86	871	2,911
Normal Butane	295	-	295	481	-	9	490
Isobutane	151	-	151	1,467	86	504	2,057
Natural Gasoline	-	-	-	6	-	358	364
Other Liquids	-9,298	89	-9,209	-35,245	-6,295	-12,248	-53,788
Hydrogen/Biofuels/Other Hydrocarbons	148	161	309	843	493	430	1,766
Hydrogen	78	-	78	604	296	189	1,089
Biofuels (Including Fuel Ethanol)	70	161	231	215	197	241	653
Fuel Ethanol	70	132	202	172	177	158	507
Biodiesel	-	29	29	43	20	20	83
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	63	63
Other Hydrocarbons	-	-	-	24	-	-	24
Unfinished Oils (net)	1,065	-100	965	-2,034	20	-637	-2,651
Naphthas and Lighter	-250	-47	-297	-146	26	-145	-265
Kerosene and Light Gas Oils	-85	-	-85	-406	35	-90	-461
Heavy Gas Oils	804	-47	757	-976	-41	-160	-1,177
Residuum	596	-6	590	-506	-	-242	-748
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,511	28	-10,483	-34,054	-6,808	-12,041	-52,903
Reformulated - RBOB	-6,773	-	-6,773	-6,274	-	-	-6,274
Conventional	-3,738	28	-3,710	-27,780	-6,808	-12,041	-46,629
CBOB	-3,433	-4	-3,437	-26,844	-6,754	-11,739	-45,337
GTAB	-	-	-	-	-	-	-
Other	-305	32	-273	-936	-54	-302	-1,292
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	12,183	3,197	15,380	40,359	10,218	16,902	67,479
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	696	100	797	2,363	549	911	3,823
Operable Capacity (daily average)	780	98	878	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	89.4	102.2	90.8	86.9	100.1	98.2	91.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	116	15	132	407	55	169	631
Catalytic Cracking	250	16	267	672	142	218	1,032
Catalytic Hydrocracking	38	-	38	132	66	45	243
Delayed and Fluid Coking	39	-	39	290	79	87	455
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	1.00	1.81	1.10	1.63	1.73	0.59	1.40
API Gravity, Weighted Average (degrees)	35.99	31.28	35.40	32.87	28.59	39.47	33.77
Operable Capacity (daily average)	780	98	878	2,721	548	928	4,197
Operating	780	98	878	2,570	510	928	4,008
Idle	-	-	-	151	38	-	189
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,138	141,640	88,985	8,200	2,824	261,787	18,683	66,081	489,050
Hydrocarbon Gas Liquids	651	5,289	3,126	79	106	9,251	547	928	14,083
Natural Gas Liquids	651	5,289	3,126	79	106	9,251	547	928	14,083
Normal Butane	296	1,698	1,235	14	-	3,243	210	548	4,786
Isobutane	327	2,570	1,212	62	106	4,277	154	357	6,996
Natural Gasoline	28	1,021	679	3	-	1,731	183	23	2,301
Other Liquids	-8,584	-56,095	-28,536	-2,184	-1,420	-96,819	-4,856	-30,619	-195,291
Hydrogen/Biofuels/Other Hydrocarbons	325	2,309	1,822	116	40	4,612	476	1,908	9,071
Hydrogen	96	2,232	1,553	64	23	3,968	172	1,440	6,747
Biofuels (Including Fuel Ethanol)	229	77	269	52	17	644	304	468	2,300
Fuel Ethanol	200	44	192	51	5	492	280	131	1,612
Biodiesel	29	33	40	1	5	108	18	14	252
Renewable Diesel Fuel	-	-	-	-	-	-	-	321	321
Other Biofuels ¹	-	-	37	-	7	44	6	2	115
Other Hydrocarbons	-	-	-	-	-	-	-	-	24
Unfinished Oils (net)	457	-4,315	7,609	-86	-91	3,574	-67	2,818	4,639
Naphthas and Lighter	228	-5,600	839	4	-19	-4,548	-50	80	-5,080
Kerosene and Light Gas Oils	187	-1,886	37	-89	-5	-1,756	8	-138	-2,432
Heavy Gas Oils	-83	1,129	5,528	70	-67	6,577	105	2,343	8,605
Residuum	125	2,042	1,205	-71	-	3,301	-130	533	3,546
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,385	-54,089	-37,968	-2,214	-1,369	-105,025	-5,265	-35,345	-209,021
Reformulated - RBOB	-997	-14,251	-1,827	-	-576	-17,651	-	-26,352	-57,050
Conventional	-8,388	-39,838	-36,141	-2,214	-793	-87,374	-5,265	-8,993	-151,971
CBOB	-8,524	-29,912	-33,194	-2,196	-802	-74,628	-5,226	-9,046	-137,674
GTAB	-	-	-	-	-	-	-	-	-
Other	136	-9,926	-2,947	-18	9	-12,746	-39	53	-14,297
Aviation Gasoline Blend. Comp. (net)	19	-	1	-	-	20	-	-	20
Total Input to Refineries	12,205	90,834	63,575	6,095	1,510	174,219	14,374	36,390	307,842
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	656	4,713	3,098	236	91	8,794	598	2,255	16,266
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	663	2,651	18,017
Operable Utilization Rate (percent) ²	88.0	90.2	94.2	90.7	82.8	91.3	90.1	85.1	90.3
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	154	735	538	41	20	1,488	101	367	2,718
Catalytic Cracking	160	1,254	703	20	22	2,159	169	584	4,212
Catalytic Hydrocracking	52	526	454	20	11	1,063	17	460	1,821
Delayed and Fluid Coking	25	762	455	33	-	1,276	52	393	2,214
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.52	1.45	1.12	1.43	0.83	1.24	1.30	1.25	1.27
API Gravity, Weighted Average (degrees)	40.52	33.95	32.27	32.27	39.24	34.08	33.01	28.59	33.25
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	663	2,651	18,017
Operating	746	5,224	3,288	260	110	9,628	654	2,645	17,812
Idle	-	-	-	-	-	-	10	6	204
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-	15,046	15,046

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	21,660	2,963	24,623	73,606	15,462	26,788	115,856
Hydrocarbon Gas Liquids	347	-	347	2,516	79	885	3,480
Natural Gas Liquids	347	-	347	2,516	79	885	3,480
Normal Butane	208	-	208	729	-	46	775
Isobutane	139	-	139	1,415	79	545	2,039
Natural Gasoline	-	-	-	372	-	294	666
Other Liquids	-9,729	30	-9,699	-35,497	-6,011	-11,315	-52,823
Hydrogen/Biofuels/Other Hydrocarbons	151	153	304	866	476	353	1,695
Hydrogen	89	-	89	637	294	167	1,098
Biofuels (Including Fuel Ethanol)	62	153	215	225	182	186	593
Fuel Ethanol	62	126	188	185	162	155	502
Biodiesel	-	27	27	40	20	24	84
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	7	7
Other Hydrocarbons	-	-	-	4	-	-	4
Unfinished Oils (net)	889	-125	764	-339	83	118	-138
Naphthas and Lighter	133	-58	75	214	13	187	414
Kerosene and Light Gas Oils	236	-	236	-131	-3	33	-101
Heavy Gas Oils	186	-65	121	-341	73	-170	-438
Residuum	334	-2	332	-81	-	68	-13
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,769	2	-10,767	-36,024	-6,570	-11,786	-54,380
Reformulated - RBOB	-7,785	-	-7,785	-6,435	-	-	-6,435
Conventional	-2,984	2	-2,982	-29,589	-6,570	-11,786	-47,945
CBOB	-2,689	6	-2,683	-29,275	-6,491	-11,788	-47,554
GTAB	-	-	-	-	-	-	-
Other	-295	-4	-299	-314	-79	2	-391
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	12,278	2,993	15,271	40,625	9,530	16,358	66,513
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	748	99	847	2,443	530	892	3,865
Operable Capacity (daily average)	780	98	878	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	96.0	100.8	96.5	89.8	96.7	96.1	92.1
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	121	15	136	449	61	166	676
Catalytic Cracking	239	15	254	669	133	220	1,021
Catalytic Hydrocracking	43	-	43	170	62	33	265
Delayed and Fluid Coking	36	-	36	303	71	87	461
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.79	1.78	0.91	1.62	1.87	0.58	1.41
API Gravity, Weighted Average (degrees)	36.06	31.77	35.49	33.15	27.54	39.74	33.84
Operable Capacity (daily average)	780	98	878	2,721	548	928	4,197
Operating	780	98	878	2,570	510	928	4,008
Idle	-	-	-	151	38	-	189
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,274	143,043	93,275	7,642	2,368	266,602	17,432	69,001	493,514
Hydrocarbon Gas Liquids	721	5,936	3,641	71	114	10,483	536	1,257	16,103
Natural Gas Liquids	721	5,936	3,641	71	114	10,483	536	1,257	16,103
Normal Butane	340	2,599	1,548	40	—	4,527	258	658	6,426
Isobutane	344	2,392	1,347	28	114	4,225	131	582	7,116
Natural Gasoline	37	945	746	3	—	1,731	147	17	2,561
Other Liquids	-9,450	-53,520	-32,427	-2,000	-1,008	-98,405	-4,541	-33,280	-198,748
Hydrogen/Biofuels/Other Hydrocarbons	309	2,315	1,786	111	67	4,588	480	1,941	9,008
Hydrogen	116	2,284	1,521	66	56	4,043	155	1,426	6,811
Biofuels (Including Fuel Ethanol)	193	31	265	45	11	545	325	515	2,193
Fuel Ethanol	173	41	180	44	6	444	273	131	1,538
Biodiesel	20	-10	52	1	5	68	20	14	213
Renewable Diesel Fuel	—	—	—	—	—	—	—	362	362
Other Biofuels ¹	—	—	33	—	—	33	32	8	80
Other Hydrocarbons	—	—	—	—	—	—	—	—	4
Unfinished Oils (net)	-155	-528	5,799	-132	-24	4,960	-111	533	6,008
Naphthas and Lighter	151	-5,158	832	-71	12	-4,234	10	-356	-4,091
Kerosene and Light Gas Oils	15	-287	-455	-27	-29	-783	-42	-536	-1,226
Heavy Gas Oils	-205	2,883	4,097	46	-7	6,814	103	1,865	8,465
Residuum	-116	2,034	1,325	-80	—	3,163	-182	-440	2,860
Motor Gasoline Blend.Comp. (MGBC)(net)	-9,605	-55,307	-40,020	-1,979	-1,051	-107,962	-4,910	-35,754	-213,773
Reformulated - RBOB	-980	-14,834	-1,282	—	-515	-17,611	—	-25,703	-57,534
Conventional	-8,625	-40,473	-38,738	-1,979	-536	-90,351	-4,910	-10,051	-156,239
CBOB	-8,511	-30,001	-35,252	-1,977	-527	-76,268	-4,954	-8,747	-140,206
GTAB	—	—	—	—	—	—	—	—	—
Other	-114	-10,472	-3,486	-2	-9	-14,083	44	-1,304	-16,033
Aviation Gasoline Blend. Comp. (net)	1	—	8	—	—	9	—	—	9
Total Input to Refineries	11,545	95,459	64,489	5,713	1,474	178,680	13,427	36,978	310,869
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	680	4,913	3,338	225	79	9,236	574	2,418	16,940
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	650	2,651	18,004
Operable Utilization Rate (percent) ²	91.1	94.1	101.5	86.7	71.8	95.9	88.3	91.2	94.1
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	149	803	575	40	17	1,584	92	350	2,838
Catalytic Cracking	157	1,330	719	15	26	2,246	164	614	4,299
Catalytic Hydrocracking	49	571	434	20	13	1,087	13	466	1,873
Delayed and Fluid Coking	31	789	516	32	—	1,368	35	402	2,303
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.57	1.40	1.34	1.32	0.83	1.29	1.33	1.37	1.31
API Gravity, Weighted Average (degrees)	40.10	34.13	31.92	31.40	39.30	33.95	33.38	29.04	33.30
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	650	2,651	18,004
Operating	746	5,224	3,288	260	110	9,628	641	2,645	17,799
Idle	—	—	—	—	—	—	10	6	204
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	12,950	12,950

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	20,708	2,785	23,493	71,904	15,045	27,366	114,315
Hydrocarbon Gas Liquids	378	-	378	2,868	42	659	3,569
Natural Gas Liquids	378	-	378	2,868	42	659	3,569
Normal Butane	257	-	257	949	-	62	1,011
Isobutane	121	-	121	1,436	42	517	1,995
Natural Gasoline	-	-	-	483	-	80	563
Other Liquids	-9,044	-14	-9,058	-37,683	-5,519	-11,802	-55,004
Hydrogen/Biofuels/Other Hydrocarbons	154	128	282	931	471	472	1,874
Hydrogen	88	-	88	696	301	219	1,216
Biofuels (Including Fuel Ethanol)	66	128	194	221	170	253	644
Fuel Ethanol	66	109	175	187	157	154	498
Biodiesel	-	19	19	34	13	23	70
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	76	76
Other Hydrocarbons	-	-	-	14	-	-	14
Unfinished Oils (net)	1,327	-126	1,201	-1,982	82	275	-1,625
Naphthas and Lighter	-40	-88	-128	266	-18	316	564
Kerosene and Light Gas Oils	69	-	69	-702	-20	19	-703
Heavy Gas Oils	449	-34	415	-1,175	120	-73	-1,128
Residuum	849	-4	845	-371	-	13	-358
Motor Gasoline Blend.Comp. (MGBC)(net)	-10,525	-16	-10,541	-36,632	-6,072	-12,549	-55,253
Reformulated - RBOB	-6,869	-	-6,869	-7,004	-	-	-7,004
Conventional	-3,656	-16	-3,672	-29,628	-6,072	-12,549	-48,249
CBOB	-2,871	-16	-2,887	-29,342	-5,928	-12,680	-47,950
GTAB	-	-	-	-	-	-	-
Other	-785	0	-785	-286	-144	131	-299
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	12,042	2,771	14,813	37,089	9,568	16,223	62,880
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	713	89	803	2,303	501	882	3,685
Operable Capacity (daily average)	780	98	878	2,721	548	928	4,197
Operable Utilization Rate (percent) ²	91.5	91.0	91.4	84.6	91.4	95.0	87.8
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	116	12	129	422	66	172	660
Catalytic Cracking	232	15	246	643	122	210	975
Catalytic Hydrocracking	41	-	41	159	59	51	268
Delayed and Fluid Coking	33	-	33	301	69	89	459
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.83	1.84	0.95	1.62	1.94	0.62	1.42
API Gravity, Weighted Average (degrees)	36.35	31.43	35.75	33.16	26.63	39.94	33.81
Operable Capacity (daily average)	780	98	878	2,721	548	928	4,197
Operating	780	98	878	2,570	510	928	4,008
Idle	-	-	-	151	38	-	189
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 18. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	19,142	130,360	93,257	6,706	2,561	252,026	17,289	69,562	476,685
Hydrocarbon Gas Liquids	786	5,659	3,972	67	111	10,595	535	1,307	16,384
Natural Gas Liquids	786	5,659	3,972	67	111	10,595	535	1,307	16,384
Normal Butane	484	2,556	1,718	35	—	4,793	263	855	7,179
Isobutane	272	2,328	1,307	29	111	4,047	155	431	6,749
Natural Gasoline	30	775	947	3	—	1,755	117	21	2,456
Other Liquids	-9,010	-50,801	-31,027	-1,519	-1,245	-93,602	-4,871	-32,329	-194,864
Hydrogen/Biofuels/Other Hydrocarbons	300	2,164	1,884	103	64	4,515	453	1,816	8,940
Hydrogen	101	2,012	1,559	62	54	3,788	154	1,368	6,614
Biofuels (Including Fuel Ethanol)	199	152	325	41	10	727	299	448	2,312
Fuel Ethanol	185	43	187	40	6	461	251	131	1,516
Biodiesel	14	19	43	1	4	81	13	10	193
Renewable Diesel Fuel	—	—	—	—	—	—	—	295	295
Other Biofuels ¹	—	90	95	—	—	185	35	12	308
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils (net)	-633	-2,256	6,712	-1	-238	3,584	-278	420	3,302
Naphthas and Lighter	-211	-4,795	673	-6	-24	-4,363	-42	367	-3,602
Kerosene and Light Gas Oils	-177	-274	182	28	-219	-460	-183	-467	-1,744
Heavy Gas Oils	-132	752	4,590	47	5	5,262	-5	492	5,036
Residuum	-113	2,061	1,267	-70	—	3,145	-48	28	3,612
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,686	-50,709	-39,628	-1,621	-1,071	-101,715	-5,046	-34,565	-207,120
Reformulated - RBOB	-954	-11,651	-1,151	—	-570	-14,326	—	-25,748	-53,947
Conventional	-7,732	-39,058	-38,477	-1,621	-501	-87,389	-5,046	-8,817	-153,173
CBOB	-7,707	-30,135	-34,684	-1,615	-555	-74,696	-5,045	-9,344	-139,922
GTAB	—	—	—	—	—	—	—	—	—
Other	-25	-8,923	-3,793	-6	54	-12,693	-1	527	-13,251
Aviation Gasoline Blend. Comp. (net)	9	—	5	—	—	14	—	—	14
Total Input to Refineries	10,918	85,218	66,202	5,254	1,427	169,019	12,953	38,540	298,205
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	626	4,357	3,179	191	83	8,435	549	2,371	15,843
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	650	2,651	18,004
Operable Utilization Rate (percent) ²	83.9	83.4	96.7	73.6	75.1	87.6	84.5	89.4	88.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	131	692	554	31	15	1,424	90	373	2,675
Catalytic Cracking	150	1,173	751	15	24	2,113	156	589	4,079
Catalytic Hydrocracking	46	478	433	19	8	983	16	434	1,743
Delayed and Fluid Coking	17	669	499	29	—	1,215	50	409	2,166
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.52	1.41	0.98	1.35	1.00	1.16	1.31	1.39	1.25
API Gravity, Weighted Average (degrees)	40.12	34.01	32.56	32.38	38.73	34.12	33.40	28.50	33.27
Operable Capacity (daily average)	746	5,224	3,288	260	110	9,628	650	2,651	18,004
Operating	746	5,224	3,288	260	110	9,628	641	2,645	17,799
Idle	—	—	—	—	—	—	10	6	204
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	15,306	15,306

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	195	2	197	1,260	-234	265	1,291
Natural Gas Liquids	-216	2	-214	362	-380	-100	-118
Ethane	-	-	-	-	-	-	-
Propane	347	25	372	1,671	266	465	2,402
Normal Butane	-551	-9	-560	-1,165	-636	-539	-2,340
Isobutane	-12	-14	-26	-144	-10	-26	-180
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	411	-	411	898	146	365	1,409
Ethylene	11	-	11	-	-	-	-
Propylene	350	-	350	955	146	365	1,466
Butylene	2	-	2	-57	-	-	-57
Isobutylene	48	-	48	-	-	-	-
Finished Motor Gasoline	572	1,119	1,691	4,557	1,896	2,889	9,342
Reformulated	572	-	572	-	-	1	1
Reformulated Blended with Fuel Ethanol	572	-	572	-	-	1	1
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,119	1,119	4,557	1,896	2,888	9,341
Conventional Blended with Fuel Ethanol	-	1,137	1,137	1,632	1,577	1,347	4,556
Ed55 and Lower	-	1,137	1,137	1,632	1,577	1,347	4,556
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	-18	-18	2,925	319	1,541	4,785
Finished Aviation Gasoline	-	-	-	-	1	-	1
Kerosene-Type Jet Fuel	2,260	-	2,260	6,314	765	967	8,046
Kerosene	36	5	41	327	-	119	446
Distillate Fuel Oil	4,972	800	5,772	19,917	5,492	10,811	36,220
15 ppm sulfur and under	5,163	760	5,923	19,996	5,435	10,720	36,151
Greater than 15 ppm to 500 ppm sulfur	4	-14	-10	-	-	24	24
Greater than 500 ppm sulfur	-195	54	-141	-79	57	67	45
Residual Fuel Oil	1,533	3	1,536	855	155	142	1,152
Less than 0.31 percent sulfur	-	3	3	88	-	-	88
0.31 to 1.00 percent sulfur	1,037	-	1,037	323	92	24	439
Greater than 1.00 percent sulfur	496	-	496	444	63	118	625
Petrochemical Feedstocks	-	-	-	951	-	34	985
Naphtha for Petro. Feed. Use	-	-	-	582	-	-	582
Other Oils for Petro. Feed. Use	-	-	-	369	-	34	403
Special Naphthas	-	2	2	-47	-	11	-36
Lubricants	206	198	404	-	-	217	217
Waxes	-	-9	-9	-	-	42	42
Petroleum Coke	633	19	652	4,334	937	984	6,255
Marketable	207	-	207	3,234	768	727	4,729
Catalyst	426	19	445	1,100	169	257	1,526
Asphalt and Road Oil	273	674	947	3,868	1,342	322	5,532
Still Gas	813	48	861	2,642	634	1,163	4,439
Miscellaneous Products	48	45	93	318	119	58	495
Total	11,541	2,906	14,447	45,296	11,107	18,024	74,427
Processing Gain(-) or Loss(+)	-1,239	2	-1,237	-5,038	-1,288	-1,642	-7,968

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	513	5,586	3,974	-62	-3	10,008	151	191	11,838
Natural Gas Liquids	109	1,869	1,924	-82	-3	3,817	31	-65	3,451
Ethane	8	209	61	-	-	278	-	-	278
Propane	280	2,388	1,828	18	20	4,534	238	859	8,405
Normal Butane	-196	-448	-121	-100	-23	-888	-235	-1,027	-5,050
Isobutane	17	-280	156	-	-	-107	28	103	-182
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	404	3,717	2,050	20	-	6,191	120	256	8,387
Ethylene	-	10	-	-	-	10	-	-	21
Propylene	394	3,723	2,406	20	-	6,543	51	225	8,635
Butylene	10	5	-356	-	-	-341	69	31	-296
Isobutylene	-	-21	-	-	-	-21	-	-	27
Finished Motor Gasoline	2,474	12,892	10,162	469	57	26,054	4,616	2,197	43,900
Reformulated	-	-	-	-	-	-	-	554	1,127
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	554	1,127
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,474	12,892	10,162	469	57	26,054	4,616	1,643	42,773
Conventional Blended with Fuel Ethanol	1,912	423	1,825	379	57	4,596	2,520	511	13,320
Ed55 and Lower	1,912	423	1,825	379	57	4,596	2,520	511	13,320
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	562	12,469	8,337	90	-	21,458	2,096	1,132	29,453
Finished Aviation Gasoline	84	65	109	-	-	258	4	4	267
Kerosene-Type Jet Fuel	1,318	12,133	9,868	111	-	23,430	928	12,377	47,041
Kerosene	-18	-	0	39	-	21	2	-1	509
Distillate Fuel Oil	5,900	40,031	33,056	2,636	703	82,326	6,262	12,979	143,559
15 ppm sulfur and under	5,861	38,434	29,182	2,582	703	76,762	6,238	12,123	137,197
Greater than 15 ppm to 500 ppm sulfur	39	161	1,224	58	-	1,482	47	422	1,965
Greater than 500 ppm sulfur	-	1,436	2,650	-4	-	4,082	-23	434	4,397
Residual Fuel Oil	276	695	1,310	-33	48	2,296	325	3,280	8,589
Less than 0.31 percent sulfur	239	-	663	-	-	902	180	33	1,206
0.31 to 1.00 percent sulfur	3	359	584	-33	-	913	48	918	3,355
Greater than 1.00 percent sulfur	34	336	63	-	48	481	97	2,329	4,028
Petrochemical Feedstocks	145	4,037	2,163	-	-	6,345	-	-	7,330
Naphtha for Petro. Feed. Use	140	2,497	1,380	-	-	4,017	-	-	4,599
Other Oils for Petro. Feed. Use	5	1,540	783	-	-	2,328	-	-	2,731
Special Naphthas	72	1,117	-	197	-	1,386	-	47	1,399
Lubricants	7	1,466	1,043	804	-	3,320	-	660	4,601
Waxes	-	54	49	26	-	129	-	-	162
Petroleum Coke	436	7,320	4,963	125	18	12,862	689	3,321	23,779
Marketable	200	5,609	4,034	111	-	9,954	468	2,519	17,877
Catalyst	236	1,711	929	14	18	2,908	221	802	5,902
Asphalt and Road Oil	224	123	588	1,164	74	2,173	1,110	592	10,354
Still Gas	750	5,687	3,421	294	53	10,205	685	3,046	19,236
Miscellaneous Products	133	1,128	431	15	37	1,744	144	387	2,863
Total	12,314	92,334	71,137	5,785	987	182,557	14,916	39,080	325,427
Processing Gain(-) or Loss(+)	-787	-9,198	-5,721	-304	-46	-16,056	-928	-4,453	-30,642

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	174	11	185	1,394	-134	503	1,763
Natural Gas Liquids	-108	11	-97	518	-249	227	496
Ethane	-	-	-	-	-	-	-
Propane	307	24	331	1,430	246	426	2,102
Normal Butane	-384	-3	-387	-777	-456	-231	-1,464
Isobutane	-31	-10	-41	-135	-39	32	-142
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	282	-	282	876	115	276	1,267
Ethylene	12	-	12	-	-	-	-
Propylene	261	-	261	869	115	276	1,260
Butylene	-3	-	-3	7	-	-	7
Isobutylene	12	-	12	-	-	-	-
Finished Motor Gasoline	605	1,000	1,605	4,167	1,804	2,424	8,395
Reformulated	605	-	605	-	-	1	1
Reformulated Blended with Fuel Ethanol	605	-	605	-	-	1	1
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,000	1,000	4,167	1,804	2,423	8,394
Conventional Blended with Fuel Ethanol	-	1,014	1,014	1,611	1,513	1,208	4,332
Ed55 and Lower	-	1,014	1,014	1,611	1,513	1,208	4,332
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	-14	-14	2,556	291	1,215	4,062
Finished Aviation Gasoline	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel	2,118	-	2,118	5,934	704	879	7,517
Kerosene	-23	3	-20	113	-	50	163
Distillate Fuel Oil	4,630	669	5,299	18,586	4,704	9,512	32,802
15 ppm sulfur and under	4,815	669	5,484	18,579	4,747	9,583	32,909
Greater than 15 ppm to 500 ppm sulfur	-20	-20	-40	-	-	-35	-35
Greater than 500 ppm sulfur	-165	20	-145	7	-43	-36	-72
Residual Fuel Oil	1,017	1	1,018	730	295	132	1,157
Less than 0.31 percent sulfur	-	1	1	86	-	-	86
0.31 to 1.00 percent sulfur	781	-	781	206	81	22	309
Greater than 1.00 percent sulfur	236	-	236	438	214	110	762
Petrochemical Feedstocks	-	-	-	968	-	27	995
Naphtha for Petro. Feed. Use	-	-	-	612	-	-	612
Other Oils for Petro. Feed. Use	-	-	-	356	-	27	383
Special Naphthas	-	9	9	-22	-	18	-4
Lubricants	179	158	337	-	-	208	208
Waxes	-	-7	-7	-	-	36	36
Petroleum Coke	549	16	565	4,022	608	868	5,498
Marketable	208	-	208	3,066	458	641	4,165
Catalyst	341	16	357	956	150	227	1,333
Asphalt and Road Oil	292	577	869	3,089	1,031	335	4,455
Still Gas	705	41	746	2,368	568	1,066	4,002
Miscellaneous Products	46	44	90	357	108	54	519
Total	10,292	2,522	12,814	41,706	9,718	16,112	67,536
Processing Gain(-) or Loss(+)	-874	42	-832	-4,062	-871	-1,252	-6,185

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	515	4,915	4,383	-14	-7	9,792	305	670	12,715
Natural Gas Liquids	174	1,424	2,231	-26	-7	3,796	114	521	4,830
Ethane	6	131	44	-	-	181	-	-	181
Propane	217	1,950	1,902	14	30	4,113	203	856	7,605
Normal Butane	-36	-371	135	-40	-37	-349	-107	-479	-2,786
Isobutane	-13	-286	150	-	-	-149	18	144	-170
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	341	3,491	2,152	12	-	5,996	191	149	7,885
Ethylene	-	8	-	-	-	8	-	-	20
Propylene	363	3,398	2,196	12	-	5,969	46	181	7,717
Butylene	-22	106	-44	-	-	40	145	-32	157
Isobutylene	-	-21	-	-	-	-21	-	-	-9
Finished Motor Gasoline	2,156	11,125	7,870	458	55	21,664	4,173	2,751	38,588
Reformulated	-	-	-	-	-	-	-	546	1,152
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	546	1,152
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,156	11,125	7,870	458	55	21,664	4,173	2,205	37,436
Conventional Blended with Fuel Ethanol	1,756	407	1,774	382	55	4,374	2,430	524	12,674
Ed55 and Lower	1,756	407	1,774	382	55	4,374	2,430	524	12,674
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	400	10,718	6,096	76	-	17,290	1,743	1,681	24,762
Finished Aviation Gasoline	65	80	2	-	-	147	4	52	233
Kerosene-Type Jet Fuel	1,296	10,724	9,075	176	-	21,271	833	10,322	42,061
Kerosene	9	-	0	22	-	31	-	2	176
Distillate Fuel Oil	5,322	37,946	27,488	2,351	952	74,059	5,680	12,204	130,044
15 ppm sulfur and under	5,365	36,675	23,780	2,283	952	69,055	5,618	11,550	124,616
Greater than 15 ppm to 500 ppm sulfur	-43	222	715	116	-	1,010	42	286	1,263
Greater than 500 ppm sulfur	-	1,049	2,993	-48	-	3,994	20	368	4,165
Residual Fuel Oil	273	688	727	-17	32	1,703	332	2,207	6,417
Less than 0.31 percent sulfur	232	-	638	-	-	870	165	-	1,122
0.31 to 1.00 percent sulfur	2	348	404	-17	-	737	39	298	2,164
Greater than 1.00 percent sulfur	39	340	-315	-	32	96	128	1,909	3,131
Petrochemical Feedstocks	127	2,370	1,874	-	-	4,371	-	-	5,366
Naphtha for Petro. Feed. Use	120	1,803	1,261	-	-	3,184	-	-	3,796
Other Oils for Petro. Feed. Use	7	567	613	-	-	1,187	-	-	1,570
Special Naphthas	61	618	-	148	-	827	-	27	859
Lubricants	23	1,615	1,129	831	-	3,598	-	479	4,622
Waxes	-	53	62	21	-	136	-	-	165
Petroleum Coke	402	6,445	4,630	122	21	11,620	681	3,436	21,800
Marketable	175	4,885	3,677	110	-	8,847	464	2,648	16,332
Catalyst	227	1,560	953	12	21	2,773	217	788	5,468
Asphalt and Road Oil	168	240	459	1,080	26	1,973	789	354	8,440
Still Gas	712	4,962	3,144	238	65	9,121	632	3,032	17,533
Miscellaneous Products	134	818	367	16	41	1,376	127	358	2,470
Total	11,263	82,599	61,210	5,432	1,185	161,689	13,556	35,894	291,489
Processing Gain(-) or Loss(+)	-779	-7,180	-5,483	-175	65	-13,552	-745	-4,561	-25,875

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	439	42	481	2,360	115	794	3,269
Natural Gas Liquids	-24	42	18	1,458	-5	533	1,986
Ethane	-	-	-	-	-	-	-
Propane	364	10	374	1,583	286	457	2,326
Normal Butane	-289	34	-255	101	-227	85	-41
Isobutane	-99	-2	-101	-226	-64	-9	-299
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	463	-	463	902	120	261	1,283
Ethylene	13	-	13	-	-	-	-
Propylene	385	-	385	899	120	261	1,280
Butylene	1	-	1	3	-	-	3
Isobutylene	64	-	64	-	-	-	-
Finished Motor Gasoline	694	612	1,306	4,830	2,003	2,547	9,380
Reformulated	694	-	694	-	-	1	1
Reformulated Blended with Fuel Ethanol	694	-	694	-	-	1	1
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	612	612	4,830	2,003	2,546	9,379
Conventional Blended with Fuel Ethanol	-	612	612	1,741	1,604	1,553	4,898
Ed55 and Lower	-	612	612	1,741	1,604	1,553	4,898
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	-	-	3,089	399	993	4,481
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,217	-	2,217	5,278	806	893	6,977
Kerosene	63	-	63	24	-	4	28
Distillate Fuel Oil	5,121	469	5,590	19,684	5,264	10,178	35,126
15 ppm sulfur and under	5,336	465	5,801	19,668	5,243	10,050	34,961
Greater than 15 ppm to 500 ppm sulfur	50	-	50	-	-	74	74
Greater than 500 ppm sulfur	-265	4	-261	16	21	54	91
Residual Fuel Oil	1,316	1	1,317	767	86	146	999
Less than 0.31 percent sulfur	-	-	-	45	-	-	45
0.31 to 1.00 percent sulfur	950	1	951	433	80	36	549
Greater than 1.00 percent sulfur	366	-	366	289	6	110	405
Petrochemical Feedstocks	-	-	-	858	-	26	884
Naphtha for Petro. Feed. Use	-	-	-	476	-	-	476
Other Oils for Petro. Feed. Use	-	-	-	382	-	26	408
Special Naphthas	-	12	12	-68	-	2	-66
Lubricants	167	168	335	-	-	175	175
Waxes	-	-13	-13	-	-	32	32
Petroleum Coke	698	6	704	3,727	981	940	5,648
Marketable	288	-	288	2,669	818	710	4,197
Catalyst	410	6	416	1,058	163	230	1,451
Asphalt and Road Oil	275	250	525	3,624	1,364	385	5,373
Still Gas	818	32	850	2,582	621	1,130	4,333
Miscellaneous Products	49	46	95	338	125	55	518
Total	11,857	1,625	13,482	44,004	11,365	17,307	72,676
Processing Gain(-) or Loss(+)	-1,208	60	-1,148	-4,112	-1,281	-1,370	-6,763

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	684	7,922	4,960	70	37	13,673	375	1,773	19,571
Natural Gas Liquids	344	4,018	2,844	60	37	7,303	228	1,597	11,132
Ethane	4	106	39	—	—	149	—	—	149
Propane	243	2,422	1,880	16	32	4,593	229	988	8,510
Normal Butane	133	1,800	767	44	5	2,749	6	548	3,007
Isobutane	-36	-310	158	—	—	-188	-7	61	-534
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	340	3,904	2,116	10	—	6,370	147	176	8,439
Ethylene	—	11	—	—	—	11	—	—	24
Propylene	353	3,895	2,644	10	—	6,902	46	192	8,805
Butylene	-13	23	-528	—	—	-518	101	-16	-429
Isobutylene	—	-25	—	—	—	-25	—	—	39
Finished Motor Gasoline	2,734	11,708	9,292	506	160	24,400	4,342	2,012	41,440
Reformulated	—	—	—	—	—	—	—	644	1,339
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	644	1,339
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,734	11,708	9,292	506	160	24,400	4,342	1,368	40,101
Conventional Blended with Fuel Ethanol	2,197	475	2,001	420	59	5,152	2,497	598	13,757
Ed55 and Lower	2,197	475	2,001	420	59	5,152	2,497	598	13,757
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	537	11,233	7,291	86	101	19,248	1,845	770	26,344
Finished Aviation Gasoline	96	104	141	—	—	341	4	1	346
Kerosene-Type Jet Fuel	1,460	12,064	9,659	187	—	23,370	928	10,979	44,471
Kerosene	-10	20	0	5	—	15	—	0	106
Distillate Fuel Oil	5,774	49,000	32,739	2,719	1,099	91,331	6,033	15,774	153,854
15 ppm sulfur and under	5,750	47,571	28,030	2,681	1,099	85,131	5,929	14,819	146,641
Greater than 15 ppm to 500 ppm sulfur	24	220	2,777	49	—	3,070	115	388	3,697
Greater than 500 ppm sulfur	—	1,209	1,932	-11	—	3,130	-11	567	3,516
Residual Fuel Oil	308	1,908	1,011	-9	54	3,272	351	3,408	9,347
Less than 0.31 percent sulfur	246	—	654	—	—	900	183	25	1,153
0.31 to 1.00 percent sulfur	3	814	456	-9	—	1,264	23	713	3,500
Greater than 1.00 percent sulfur	59	1,094	-99	—	54	1,108	145	2,670	4,694
Petrochemical Feedstocks	142	4,143	1,734	—	—	6,019	—	—	6,903
Naphtha for Petro. Feed. Use	132	2,594	949	—	—	3,675	—	—	4,151
Other Oils for Petro. Feed. Use	10	1,549	785	—	—	2,344	—	—	2,752
Special Naphthas	65	805	—	221	—	1,091	—	74	1,111
Lubricants	-1	1,753	1,775	764	—	4,291	—	333	5,134
Waxes	—	58	79	25	—	162	—	—	181
Petroleum Coke	419	7,983	4,832	166	22	13,422	734	3,912	24,420
Marketable	188	6,134	3,813	151	—	10,286	498	2,985	18,254
Catalyst	231	1,849	1,019	15	22	3,136	236	927	6,166
Asphalt and Road Oil	204	288	956	1,129	48	2,625	978	754	10,255
Still Gas	709	6,046	3,362	265	71	10,453	616	3,613	19,865
Miscellaneous Products	145	942	416	17	44	1,564	133	401	2,711
Total	12,729	104,744	70,956	6,065	1,535	196,029	14,494	43,034	339,715
Processing Gain(-) or Loss(+)	-896	-9,872	-6,009	-152	-59	-16,988	-824	-5,402	-31,125

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	739	15	754	3,898	407	957	5,262
Natural Gas Liquids	324	15	339	2,903	289	681	3,873
Ethane	-	-	-	-	-	-	-
Propane	373	4	377	1,571	265	509	2,345
Normal Butane	134	15	149	1,529	79	221	1,829
Isobutane	-183	-4	-187	-197	-55	-49	-301
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	415	-	415	995	118	276	1,389
Ethylene	21	-	21	-	-	-	-
Propylene	355	-	355	842	125	276	1,243
Butylene	2	-	2	153	-7	-	146
Isobutylene	37	-	37	-	-	-	-
Finished Motor Gasoline	769	519	1,288	4,538	1,959	2,741	9,238
Reformulated	769	-	769	-	-	1	1
Reformulated Blended with Fuel Ethanol	769	-	769	-	-	1	1
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	519	519	4,538	1,959	2,740	9,237
Conventional Blended with Fuel Ethanol	-	519	519	1,634	1,607	1,491	4,732
Ed55 and Lower	-	519	519	1,634	1,607	1,491	4,732
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	-	-	2,904	352	1,249	4,505
Finished Aviation Gasoline	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel	3,090	-	3,090	5,888	793	1,101	7,782
Kerosene	43	-	43	2	-	-	2
Distillate Fuel Oil	4,906	339	5,245	18,204	4,662	9,806	32,672
15 ppm sulfur and under	4,985	344	5,329	18,259	4,744	9,906	32,909
Greater than 15 ppm to 500 ppm sulfur	12	-15	-3	-	-	-20	-20
Greater than 500 ppm sulfur	-91	10	-81	-55	-82	-80	-217
Residual Fuel Oil	1,260	-	1,260	801	137	149	1,087
Less than 0.31 percent sulfur	-	-	-	83	-	-	83
0.31 to 1.00 percent sulfur	983	-	983	325	79	35	439
Greater than 1.00 percent sulfur	277	-	277	393	58	114	565
Petrochemical Feedstocks	-	-	-	777	-	20	797
Naphtha for Petro. Feed. Use	-	-	-	447	-	-	447
Other Oils for Petro. Feed. Use	-	-	-	330	-	20	350
Special Naphthas	-	10	10	-46	-	17	-29
Lubricants	161	175	336	-	-	107	107
Waxes	-	-13	-13	-	-	24	24
Petroleum Coke	626	4	630	3,400	828	927	5,155
Marketable	234	-	234	2,419	675	685	3,779
Catalyst	392	4	396	981	153	242	1,376
Asphalt and Road Oil	354	161	515	3,164	1,175	279	4,618
Still Gas	783	17	800	2,554	588	1,059	4,201
Miscellaneous Products	40	21	61	294	105	53	452
Total	12,771	1,248	14,019	43,474	10,684	17,240	71,398
Processing Gain(-) or Loss(+)	-1,116	44	-1,072	-4,234	-1,095	-1,229	-6,558

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	853	9,260	5,711	74	47	15,945	408	1,933	24,302
Natural Gas Liquids	510	5,364	3,118	62	47	9,101	287	1,830	15,430
Ethane	7	123	33	—	—	163	—	—	163
Propane	296	2,516	2,118	19	25	4,974	189	1,066	8,951
Normal Butane	214	3,035	859	43	22	4,173	96	747	6,994
Isobutane	-7	-310	108	—	—	-209	2	17	-678
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	343	3,896	2,593	12	—	6,844	121	103	8,872
Ethylene	—	7	—	—	—	7	—	—	28
Propylene	347	3,827	2,601	12	—	6,787	39	112	8,536
Butylene	-4	89	-8	—	—	77	82	-9	298
Isobutylene	—	-27	—	—	—	-27	—	—	10
Finished Motor Gasoline	2,445	12,003	6,904	556	100	22,008	4,615	2,559	39,708
Reformulated	—	—	—	—	—	—	—	576	1,346
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	576	1,346
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,445	12,003	6,904	556	100	22,008	4,615	1,983	38,362
Conventional Blended with Fuel Ethanol	2,059	467	1,948	446	60	4,980	2,779	701	13,711
Ed55 and Lower	2,059	467	1,948	446	60	4,980	2,779	701	13,711
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	386	11,536	4,956	110	40	17,028	1,836	1,282	24,651
Finished Aviation Gasoline	67	125	81	—	—	273	3	-1	305
Kerosene-Type Jet Fuel	1,408	14,753	10,452	164	—	26,777	955	12,327	50,931
Kerosene	6	61	-2	2	—	67	—	2	114
Distillate Fuel Oil	6,047	44,634	32,636	2,673	914	86,904	5,539	13,454	143,814
15 ppm sulfur and under	6,032	43,236	28,339	2,547	914	81,068	5,430	12,549	137,285
Greater than 15 ppm to 500 ppm sulfur	15	268	2,381	98	—	2,762	93	377	3,209
Greater than 500 ppm sulfur	—	1,130	1,916	28	—	3,074	16	528	3,320
Residual Fuel Oil	267	1,106	539	1	46	1,959	306	2,327	6,939
Less than 0.31 percent sulfur	237	—	713	—	—	950	152	55	1,240
0.31 to 1.00 percent sulfur	-3	951	447	1	—	1,396	41	694	3,553
Greater than 1.00 percent sulfur	33	155	-621	—	46	-387	113	1,578	2,146
Petrochemical Feedstocks	140	4,448	1,951	—	—	6,539	—	—	7,336
Naphtha for Petro. Feed. Use	129	2,655	852	—	—	3,636	—	—	4,083
Other Oils for Petro. Feed. Use	11	1,793	1,099	—	—	2,903	—	—	3,253
Special Naphthas	44	716	—	210	—	970	—	31	982
Lubricants	24	1,597	1,870	806	—	4,297	—	150	4,890
Waxes	—	48	77	16	—	141	—	—	152
Petroleum Coke	342	8,373	5,257	157	19	14,148	553	3,929	24,415
Marketable	134	6,433	4,187	141	—	10,895	370	3,002	18,280
Catalyst	208	1,940	1,070	16	19	3,253	183	927	6,135
Asphalt and Road Oil	263	444	466	1,280	66	2,519	795	869	9,316
Still Gas	675	6,471	3,408	260	57	10,871	610	3,300	19,782
Miscellaneous Products	129	962	460	16	44	1,611	114	390	2,628
Total	12,710	105,001	69,810	6,215	1,293	195,029	13,898	41,270	335,614
Processing Gain(-) or Loss(+)	-824	-10,232	-6,774	-272	-69	-18,171	-878	-4,810	-31,489

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,052	82	1,134	4,475	712	870	6,057
Natural Gas Liquids	675	82	757	3,505	587	622	4,714
Ethane	-	-	-	-	-	-	-
Propane	421	25	446	1,574	324	495	2,393
Normal Butane	279	66	345	2,124	312	156	2,592
Isobutane	-25	-9	-34	-193	-49	-29	-271
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	377	-	377	970	125	248	1,343
Ethylene	14	-	14	-	-	-	-
Propylene	305	-	305	895	149	248	1,292
Butylene	-1	-	-1	75	-24	-	51
Isobutylene	59	-	59	-	-	-	-
Finished Motor Gasoline	635	989	1,624	4,980	1,955	2,824	9,759
Reformulated	635	-	635	-	-	-	-
Reformulated Blended with Fuel Ethanol	635	-	635	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	989	989	4,980	1,955	2,824	9,759
Conventional Blended with Fuel Ethanol	-	989	989	1,905	1,613	1,615	5,133
Ed55 and Lower	-	989	989	1,905	1,613	1,615	5,133
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	-	-	3,075	342	1,209	4,626
Finished Aviation Gasoline	-	-	-	-	24	-	24
Kerosene-Type Jet Fuel	3,037	-	3,037	6,597	803	1,041	8,441
Kerosene	1	-	1	2	-	-	2
Distillate Fuel Oil	6,012	713	6,725	20,280	5,530	11,149	36,959
15 ppm sulfur and under	6,149	701	6,850	20,226	5,527	11,121	36,874
Greater than 15 ppm to 500 ppm sulfur	-16	-7	-23	-	-	-21	-21
Greater than 500 ppm sulfur	-121	19	-102	54	3	49	106
Residual Fuel Oil	1,469	4	1,473	908	133	151	1,192
Less than 0.31 percent sulfur	-	4	4	82	-	-	82
0.31 to 1.00 percent sulfur	994	-	994	431	63	37	531
Greater than 1.00 percent sulfur	475	-	475	395	70	114	579
Petrochemical Feedstocks	-	-	-	865	-	13	878
Naphtha for Petro. Feed. Use	-	-	-	461	-	-	461
Other Oils for Petro. Feed. Use	-	-	-	404	-	13	417
Special Naphthas	-	9	9	-46	-	13	-33
Lubricants	200	195	395	-	-	233	233
Waxes	-	-5	-5	-	-	40	40
Petroleum Coke	663	20	683	3,758	909	917	5,584
Marketable	256	-	256	2,704	743	654	4,101
Catalyst	407	20	427	1,054	166	263	1,483
Asphalt and Road Oil	423	649	1,072	3,591	1,271	419	5,281
Still Gas	836	13	849	2,537	647	1,122	4,306
Miscellaneous Products	49	20	69	309	101	55	465
Total	14,377	2,689	17,066	48,256	12,085	18,847	79,188
Processing Gain(-) or Loss(+)	-1,133	33	-1,100	-3,863	-1,117	-1,225	-6,205

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	871	10,085	5,388	101	48	16,493	330	2,320	26,334
Natural Gas Liquids	500	6,046	3,061	71	48	9,726	251	2,129	17,577
Ethane	6	132	34	—	—	172	—	—	172
Propane	279	2,627	1,955	22	30	4,913	161	1,053	8,966
Normal Butane	247	3,465	992	49	18	4,771	161	982	8,851
Isobutane	-32	-178	80	—	—	-130	-71	94	-412
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	371	4,039	2,327	30	—	6,767	79	191	8,757
Ethylene	—	7	—	—	—	7	—	—	21
Propylene	369	4,148	2,491	30	—	7,038	43	200	8,878
Butylene	2	-86	-164	—	—	-248	36	-9	-171
Isobutylene	—	-30	—	—	—	-30	—	—	29
Finished Motor Gasoline	2,568	14,862	5,265	577	231	23,503	4,402	2,585	41,873
Reformulated	—	—	—	—	—	—	—	635	1,270
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	635	1,270
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,568	14,862	5,265	577	231	23,503	4,402	1,950	40,603
Conventional Blended with Fuel Ethanol	2,084	487	2,018	459	71	5,119	2,545	685	14,471
Ed55 and Lower	2,084	487	2,018	459	71	5,119	2,545	685	14,471
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	484	14,375	3,247	118	160	18,384	1,857	1,265	26,132
Finished Aviation Gasoline	80	123	132	—	—	335	—	81	440
Kerosene-Type Jet Fuel	1,620	16,114	10,805	96	—	28,635	991	12,820	53,924
Kerosene	6	158	33	2	—	199	—	0	202
Distillate Fuel Oil	7,024	46,765	32,429	2,990	1,128	90,336	5,107	14,336	153,463
15 ppm sulfur and under	7,058	45,412	27,703	2,931	1,128	84,232	5,085	13,480	146,521
Greater than 15 ppm to 500 ppm sulfur	-34	265	2,390	67	—	2,688	47	253	2,944
Greater than 500 ppm sulfur	—	1,088	2,336	-8	—	3,416	-25	603	3,998
Residual Fuel Oil	305	1,446	577	-5	31	2,354	304	2,250	7,573
Less than 0.31 percent sulfur	229	—	600	—	—	829	169	52	1,136
0.31 to 1.00 percent sulfur	24	1,001	380	-5	—	1,400	27	447	3,399
Greater than 1.00 percent sulfur	52	445	-403	—	31	125	108	1,751	3,038
Petrochemical Feedstocks	105	4,242	2,326	—	—	6,673	—	—	7,551
Naphtha for Petro. Feed. Use	91	2,442	1,167	—	—	3,700	—	—	4,161
Other Oils for Petro. Feed. Use	14	1,800	1,159	—	—	2,973	—	—	3,390
Special Naphthas	81	839	—	245	—	1,165	—	44	1,185
Lubricants	14	1,751	1,793	976	—	4,534	—	494	5,656
Waxes	—	43	58	28	—	129	—	—	164
Petroleum Coke	456	8,649	5,279	157	20	14,561	391	4,220	25,439
Marketable	221	6,664	4,217	139	—	11,241	219	3,269	19,086
Catalyst	235	1,985	1,062	18	20	3,320	172	951	6,353
Asphalt and Road Oil	188	450	581	1,161	38	2,418	794	909	10,474
Still Gas	820	6,567	3,581	281	69	11,318	528	3,704	20,705
Miscellaneous Products	156	1,027	411	19	50	1,663	93	366	2,656
Total	14,294	113,121	68,658	6,628	1,615	204,316	12,940	44,129	357,639
Processing Gain(-) or Loss(+)	-1,011	-10,855	-7,063	-194	-85	-19,208	-596	-6,597	-33,706

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	922	91	1,013	4,587	553	836	5,976
Natural Gas Liquids	624	91	715	3,577	456	603	4,636
Ethane	-	-	-	-	-	-	-
Propane	415	31	446	1,704	272	491	2,467
Normal Butane	238	69	307	2,021	225	133	2,379
Isobutane	-29	-9	-38	-148	-41	-21	-210
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	298	-	298	1,010	97	233	1,340
Ethylene	20	-	20	-	-	-	-
Propylene	232	-	232	884	110	233	1,227
Butylene	1	-	1	126	-13	-	113
Isobutylene	45	-	45	-	-	-	-
Finished Motor Gasoline	697	1,073	1,770	5,032	2,068	2,993	10,093
Reformulated	697	-	697	-	-	-	-
Reformulated Blended with Fuel Ethanol	697	-	697	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,073	1,073	5,032	2,068	2,993	10,093
Conventional Blended with Fuel Ethanol	-	1,073	1,073	1,805	1,765	1,493	5,063
Ed55 and Lower	-	1,073	1,073	1,805	1,765	1,493	5,063
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	-	-	3,227	303	1,500	5,030
Finished Aviation Gasoline	-	-	-	-	1	-	1
Kerosene-Type Jet Fuel	2,847	-	2,847	6,470	790	927	8,187
Kerosene	-29	-	-29	59	-	-	59
Distillate Fuel Oil	5,681	738	6,419	20,111	4,649	10,987	35,747
15 ppm sulfur and under	5,887	735	6,622	20,102	4,652	10,994	35,748
Greater than 15 ppm to 500 ppm sulfur	-42	-14	-56	-	-	36	36
Greater than 500 ppm sulfur	-164	17	-147	9	-3	-43	-37
Residual Fuel Oil	1,330	2	1,332	850	112	161	1,123
Less than 0.31 percent sulfur	-	2	2	98	-	-	98
0.31 to 1.00 percent sulfur	1,057	-	1,057	279	64	37	380
Greater than 1.00 percent sulfur	273	-	273	473	48	124	645
Petrochemical Feedstocks	-	-	-	859	-	9	868
Naphtha for Petro. Feed. Use	-	-	-	488	-	-	488
Other Oils for Petro. Feed. Use	-	-	-	371	-	9	380
Special Naphthas	-	12	12	-52	-	12	-40
Lubricants	194	173	367	-	-	236	236
Waxes	-	-3	-3	-	-	39	39
Petroleum Coke	696	19	715	3,707	1,467	925	6,099
Marketable	268	-	268	2,658	1,304	670	4,632
Catalyst	428	19	447	1,049	163	255	1,467
Asphalt and Road Oil	349	707	1,056	3,547	1,310	456	5,313
Still Gas	818	18	836	2,700	596	1,076	4,372
Miscellaneous Products	53	57	110	328	91	62	481
Total	13,558	2,887	16,445	48,198	11,637	18,719	78,554
Processing Gain(-) or Loss(+)	-1,063	71	-992	-4,100	-1,737	-1,050	-6,887

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	986	9,354	5,344	88	48	15,820	482	2,553	25,844
Natural Gas Liquids	575	5,758	3,253	59	48	9,693	372	2,438	17,854
Ethane	6	177	27	—	—	210	—	—	210
Propane	302	2,482	1,953	19	29	4,785	205	980	8,883
Normal Butane	261	3,433	1,168	40	19	4,921	167	1,424	9,198
Isobutane	6	-334	105	—	—	-223	0	34	-437
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	411	3,596	2,091	29	—	6,127	110	115	7,990
Ethylene	—	8	—	—	—	8	—	—	28
Propylene	414	3,768	2,332	29	—	6,543	27	165	8,194
Butylene	-3	-150	-241	—	—	-394	83	-50	-247
Isobutylene	—	-30	—	—	—	-30	—	—	15
Finished Motor Gasoline	2,543	14,172	7,110	514	184	24,523	4,725	2,462	43,573
Reformulated	—	—	—	—	—	—	—	652	1,349
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	652	1,349
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,543	14,172	7,110	514	184	24,523	4,725	1,810	42,224
Conventional Blended with Fuel Ethanol	2,084	451	1,912	401	74	4,922	2,756	696	14,510
Ed55 and Lower	2,084	451	1,912	401	74	4,922	2,756	696	14,510
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	459	13,721	5,198	113	110	19,601	1,969	1,114	27,714
Finished Aviation Gasoline	66	56	74	—	—	196	—	-1	196
Kerosene-Type Jet Fuel	1,522	14,656	10,623	110	—	26,911	1,035	11,537	50,517
Kerosene	-12	60	43	2	—	93	—	-2	121
Distillate Fuel Oil	6,909	46,831	33,516	2,894	1,086	91,236	6,371	14,996	154,769
15 ppm sulfur and under	6,916	44,949	30,037	2,783	1,086	85,771	6,324	13,909	148,374
Greater than 15 ppm to 500 ppm sulfur	-7	249	2,542	91	—	2,875	21	330	3,206
Greater than 500 ppm sulfur	—	1,633	937	20	—	2,590	26	757	3,189
Residual Fuel Oil	281	1,041	-106	-15	28	1,229	317	2,161	6,162
Less than 0.31 percent sulfur	269	—	428	—	—	697	152	51	1,000
0.31 to 1.00 percent sulfur	-4	998	332	-15	—	1,311	49	787	3,584
Greater than 1.00 percent sulfur	16	43	-866	—	28	-779	116	1,323	1,578
Petrochemical Feedstocks	52	3,199	2,536	—	—	5,787	—	—	6,655
Naphtha for Petro. Feed. Use	40	1,733	1,332	—	—	3,105	—	—	3,593
Other Oils for Petro. Feed. Use	12	1,466	1,204	—	—	2,682	—	—	3,062
Special Naphthas	63	750	—	218	—	1,031	—	13	1,016
Lubricants	23	1,727	1,609	996	—	4,355	—	259	5,217
Waxes	—	58	73	27	—	158	—	—	194
Petroleum Coke	468	8,548	5,181	173	20	14,390	531	3,899	25,634
Marketable	221	6,712	4,129	155	—	11,217	323	2,990	19,430
Catalyst	247	1,836	1,052	18	20	3,173	208	909	6,204
Asphalt and Road Oil	240	496	573	1,202	36	2,547	1,244	970	11,130
Still Gas	817	6,473	3,574	312	73	11,249	644	3,638	20,739
Miscellaneous Products	147	1,057	478	18	49	1,749	97	389	2,826
Total	14,105	108,478	70,628	6,539	1,524	201,274	15,446	42,874	354,593
Processing Gain(-) or Loss(+)	-1,156	-11,040	-7,198	-330	-61	-19,785	-804	-4,882	-33,350

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	996	92	1,088	4,580	496	804	5,880
Natural Gas Liquids	667	92	759	3,522	346	568	4,436
Ethane	-	-	-	-	-	-	-
Propane	437	28	465	1,590	240	492	2,322
Normal Butane	238	76	314	2,104	162	123	2,389
Isobutane	-8	-12	-20	-172	-56	-47	-275
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	329	-	329	1,058	150	236	1,444
Ethylene	13	-	13	-	-	-	-
Propylene	272	-	272	945	150	236	1,331
Butylene	-2	-	-2	113	-	-	113
Isobutylene	46	-	46	-	-	-	-
Finished Motor Gasoline	754	1,091	1,845	5,245	1,750	2,809	9,804
Reformulated	754	-	754	-	-	-	-
Reformulated Blended with Fuel Ethanol	754	-	754	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,091	1,091	5,245	1,750	2,809	9,804
Conventional Blended with Fuel Ethanol	-	1,106	1,106	1,983	1,390	1,538	4,911
Ed55 and Lower	-	1,106	1,106	1,983	1,390	1,538	4,911
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	-15	-15	3,262	360	1,271	4,893
Finished Aviation Gasoline	-	-	-	-	22	-	22
Kerosene-Type Jet Fuel	3,009	-	3,009	7,000	903	956	8,859
Kerosene	55	2	57	64	-	12	76
Distillate Fuel Oil	5,934	665	6,599	19,365	4,705	10,362	34,432
15 ppm sulfur and under	6,039	679	6,718	19,254	4,641	10,432	34,327
Greater than 15 ppm to 500 ppm sulfur	5	-23	-18	-	-	-59	-59
Greater than 500 ppm sulfur	-110	9	-101	111	64	-11	164
Residual Fuel Oil	1,287	-	1,287	778	180	145	1,103
Less than 0.31 percent sulfur	-	-	-	95	-	-	95
0.31 to 1.00 percent sulfur	995	-	995	326	87	32	445
Greater than 1.00 percent sulfur	292	-	292	357	93	113	563
Petrochemical Feedstocks	-	-	-	786	-	-	786
Naphtha for Petro. Feed. Use	-	-	-	446	-	-	446
Other Oils for Petro. Feed. Use	-	-	-	340	-	-	340
Special Naphthas	-	20	20	-20	-	8	-12
Lubricants	223	189	412	-	-	259	259
Waxes	-	-7	-7	-	-	52	52
Petroleum Coke	701	20	721	3,817	862	938	5,617
Marketable	271	-	271	2,732	702	666	4,100
Catalyst	430	20	450	1,085	160	272	1,517
Asphalt and Road Oil	393	694	1,087	4,127	830	359	5,316
Still Gas	837	54	891	2,669	590	1,086	4,345
Miscellaneous Products	58	52	110	328	115	43	486
Total	14,247	2,872	17,119	48,739	10,453	17,833	77,025
Processing Gain(-) or Loss(+)	-1,012	52	-960	-4,255	-1,058	-1,200	-6,513

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1,027	9,586	5,557	76	51	16,297	597	2,392	26,254
Natural Gas Liquids	577	5,794	3,109	51	51	9,582	465	2,245	17,487
Ethane	9	181	66	—	—	256	—	—	256
Propane	270	2,544	2,131	20	32	4,997	238	1,040	9,062
Normal Butane	292	3,427	798	31	19	4,567	227	1,144	8,641
Isobutane	6	-358	114	—	—	-238	0	61	-472
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	450	3,792	2,448	25	—	6,715	132	147	8,767
Ethylene	—	12	—	—	—	12	—	—	25
Propylene	411	3,937	2,400	25	—	6,773	12	172	8,560
Butylene	39	-117	48	—	—	-30	120	-25	176
Isobutylene	—	-40	—	—	—	-40	—	—	6
Finished Motor Gasoline	2,791	14,505	5,960	565	270	24,091	4,756	2,165	42,661
Reformulated	—	—	—	—	—	—	—	618	1,372
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	618	1,372
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,791	14,505	5,960	565	270	24,091	4,756	1,547	41,289
Conventional Blended with Fuel Ethanol	2,190	454	1,939	440	60	5,083	2,899	702	14,701
Ed55 and Lower	2,190	454	1,939	440	60	5,083	2,899	702	14,701
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	601	14,051	4,021	125	210	19,008	1,857	845	26,588
Finished Aviation Gasoline	99	99	86	—	—	284	9	—	315
Kerosene-Type Jet Fuel	1,441	15,061	11,150	121	—	27,773	1,139	12,559	53,339
Kerosene	3	158	4	2	—	167	—	1	301
Distillate Fuel Oil	6,242	48,001	37,521	2,884	1,265	95,913	6,656	14,200	157,800
15 ppm sulfur and under	6,186	45,724	32,951	2,792	1,265	88,918	6,592	13,822	150,377
Greater than 15 ppm to 500 ppm sulfur	56	286	2,504	76	—	2,922	84	107	3,036
Greater than 500 ppm sulfur	—	1,991	2,066	16	—	4,073	-20	271	4,387
Residual Fuel Oil	288	1,508	554	-28	17	2,339	346	1,694	6,769
Less than 0.31 percent sulfur	295	—	755	—	—	1,050	162	54	1,361
0.31 to 1.00 percent sulfur	-17	1,008	383	-28	—	1,346	65	766	3,617
Greater than 1.00 percent sulfur	10	500	-584	—	17	-57	119	874	1,791
Petrochemical Feedstocks	51	3,926	2,876	—	—	6,853	—	—	7,639
Naphtha for Petro. Feed. Use	42	2,083	1,387	—	—	3,512	—	—	3,958
Other Oils for Petro. Feed. Use	9	1,843	1,489	—	—	3,341	—	—	3,681
Special Naphthas	53	731	—	224	—	1,008	—	16	1,032
Lubricants	19	1,681	1,774	839	—	4,313	—	117	5,101
Waxes	—	63	51	27	—	141	—	—	186
Petroleum Coke	458	8,716	5,572	105	21	14,872	693	3,929	25,832
Marketable	216	6,779	4,468	87	—	11,550	479	3,060	19,460
Catalyst	242	1,937	1,104	18	21	3,322	214	869	6,372
Asphalt and Road Oil	201	500	814	1,232	59	2,806	1,083	960	11,252
Still Gas	801	6,992	3,982	301	62	12,138	712	3,713	21,799
Miscellaneous Products	151	1,065	488	15	48	1,767	136	364	2,863
Total	13,625	112,592	76,389	6,363	1,793	210,762	16,127	42,110	363,143
Processing Gain(-) or Loss(+)	-949	-12,213	-7,497	-173	-69	-20,901	-873	-4,877	-34,124

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,005	56	1,061	4,119	607	761	5,487
Natural Gas Liquids	656	56	712	3,073	480	531	4,084
Ethane	-	-	-	-	-	-	-
Propane	432	22	454	1,588	264	492	2,344
Normal Butane	229	53	282	1,641	273	77	1,991
Isobutane	-5	-19	-24	-156	-57	-38	-251
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	349	-	349	1,046	127	230	1,403
Ethylene	14	-	14	-	-	-	-
Propylene	293	-	293	907	127	231	1,265
Butylene	-1	-	-1	139	-	-1	138
Isobutylene	43	-	43	-	-	-	-
Finished Motor Gasoline	786	954	1,740	5,046	1,960	2,842	9,848
Reformulated	786	-	786	-	-	-	-
Reformulated Blended with Fuel Ethanol	786	-	786	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	954	954	5,046	1,960	2,842	9,848
Conventional Blended with Fuel Ethanol	-	951	951	1,949	1,466	1,514	4,929
Ed55 and Lower	-	951	951	1,949	1,466	1,514	4,929
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	3	3	3,097	494	1,328	4,919
Finished Aviation Gasoline	-	-	-	-	48	-	48
Kerosene-Type Jet Fuel	3,129	-	3,129	6,486	956	1,010	8,452
Kerosene	71	-	71	51	-	8	59
Distillate Fuel Oil	5,995	734	6,729	20,560	4,841	11,403	36,804
15 ppm sulfur and under	6,153	717	6,870	20,631	4,892	11,342	36,865
Greater than 15 ppm to 500 ppm sulfur	-12	-	-12	-	-	83	83
Greater than 500 ppm sulfur	-146	17	-129	-71	-51	-22	-144
Residual Fuel Oil	1,203	6	1,209	803	155	154	1,112
Less than 0.31 percent sulfur	-	5	5	4	-	-	4
0.31 to 1.00 percent sulfur	978	1	979	413	78	28	519
Greater than 1.00 percent sulfur	225	-	225	386	77	126	589
Petrochemical Feedstocks	-	-	-	867	-	-	867
Naphtha for Petro. Feed. Use	-	-	-	549	-	-	549
Other Oils for Petro. Feed. Use	-	-	-	318	-	-	318
Special Naphthas	-	11	11	-15	-	17	2
Lubricants	150	211	361	-	-	259	259
Waxes	-	-3	-3	-	-	46	46
Petroleum Coke	736	16	752	3,854	919	992	5,765
Marketable	299	-	299	2,762	756	729	4,247
Catalyst	437	16	453	1,092	163	263	1,518
Asphalt and Road Oil	478	617	1,095	3,651	986	379	5,016
Still Gas	832	47	879	2,698	604	1,118	4,420
Miscellaneous Products	52	33	85	307	109	63	479
Total	14,437	2,682	17,119	48,427	11,185	19,052	78,664
Processing Gain(-) or Loss(+)	-1,153	51	-1,102	-3,674	-1,183	-1,191	-6,048

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	951	8,747	5,617	76	39	15,430	581	2,243	24,802
Natural Gas Liquids	588	5,448	3,388	50	39	9,513	439	2,103	16,851
Ethane	8	154	35	—	—	197	—	—	197
Propane	313	2,554	2,126	21	28	5,042	228	1,049	9,117
Normal Butane	292	3,112	1,052	29	11	4,496	213	1,008	7,990
Isobutane	-25	-372	175	—	—	-222	-2	46	-453
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	363	3,299	2,229	26	—	5,917	142	140	7,951
Ethylene	—	13	—	—	—	13	—	—	27
Propylene	368	3,633	2,356	26	—	6,383	41	171	8,153
Butylene	-5	-290	-127	—	—	-422	101	-31	-215
Isobutylene	—	-57	—	—	—	-57	—	—	-14
Finished Motor Gasoline	2,596	14,652	7,108	487	251	25,094	4,958	2,281	43,921
Reformulated	—	—	—	—	—	—	—	631	1,417
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	631	1,417
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,596	14,652	7,108	487	251	25,094	4,958	1,650	42,504
Conventional Blended with Fuel Ethanol	2,089	436	1,920	374	62	4,881	2,924	718	14,403
Ed55 and Lower	2,089	436	1,920	374	62	4,881	2,924	718	14,403
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	507	14,216	5,188	113	189	20,213	2,034	932	28,101
Finished Aviation Gasoline	82	124	120	—	—	326	8	58	440
Kerosene-Type Jet Fuel	1,531	14,186	10,324	70	—	26,111	1,028	13,336	52,056
Kerosene	7	347	-38	4	—	320	—	0	450
Distillate Fuel Oil	6,386	47,093	36,358	3,004	1,170	94,011	6,652	14,112	158,308
15 ppm sulfur and under	6,247	45,373	32,305	2,932	1,170	88,027	6,610	13,323	151,695
Greater than 15 ppm to 500 ppm sulfur	139	292	1,958	80	—	2,469	57	359	2,956
Greater than 500 ppm sulfur	—	1,428	2,095	-8	—	3,515	-15	430	3,657
Residual Fuel Oil	310	1,921	1,310	-12	18	3,547	325	2,382	8,575
Less than 0.31 percent sulfur	300	—	807	—	—	1,107	163	59	1,338
0.31 to 1.00 percent sulfur	1	1,043	414	-12	—	1,446	30	636	3,610
Greater than 1.00 percent sulfur	9	878	89	—	18	994	132	1,687	3,627
Petrochemical Feedstocks	52	2,959	2,737	—	—	5,748	—	—	6,615
Naphtha for Petro. Feed. Use	40	1,678	1,109	—	—	2,827	—	—	3,376
Other Oils for Petro. Feed. Use	12	1,281	1,628	—	—	2,921	—	—	3,239
Special Naphthas	50	679	—	226	—	955	—	17	985
Lubricants	5	1,077	1,475	758	—	3,315	—	112	4,047
Waxes	—	59	82	29	—	170	—	—	213
Petroleum Coke	478	8,276	5,485	127	22	14,388	674	3,868	25,447
Marketable	226	6,413	4,397	109	—	11,145	467	2,929	19,087
Catalyst	252	1,863	1,088	18	22	3,243	207	939	6,360
Asphalt and Road Oil	160	498	853	1,202	46	2,759	1,004	939	10,813
Still Gas	850	6,540	3,688	251	78	11,407	740	3,782	21,228
Miscellaneous Products	154	1,001	479	14	50	1,698	139	375	2,776
Total	13,612	108,159	75,598	6,236	1,674	205,279	16,109	43,505	360,676
Processing Gain(-) or Loss(+)	-919	-10,964	-6,713	-150	-70	-18,816	-870	-4,473	-31,309

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	616	22	638	2,403	274	601	3,278
Natural Gas Liquids	225	22	247	1,582	166	396	2,144
Ethane	-	-	-	-	-	-	-
Propane	390	24	414	1,475	265	438	2,178
Normal Butane	-138	12	-126	266	-78	19	207
Isobutane	-27	-14	-41	-159	-21	-61	-241
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	391	-	391	821	108	205	1,134
Ethylene	14	-	14	-	-	-	-
Propylene	309	-	309	772	108	204	1,084
Butylene	-1	-	-1	49	-	1	50
Isobutylene	69	-	69	-	-	-	-
Finished Motor Gasoline	713	1,232	1,945	5,128	1,881	2,586	9,595
Reformulated	713	-	713	-	-	-	-
Reformulated Blended with Fuel Ethanol	713	-	713	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,232	1,232	5,128	1,881	2,586	9,595
Conventional Blended with Fuel Ethanol	-	1,227	1,227	1,896	1,563	1,460	4,919
Ed55 and Lower	-	1,227	1,227	1,896	1,563	1,460	4,919
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	5	5	3,232	318	1,126	4,676
Finished Aviation Gasoline	-	-	-	-	23	-	23
Kerosene-Type Jet Fuel	2,595	-	2,595	6,279	745	841	7,865
Kerosene	169	2	171	2	-	21	23
Distillate Fuel Oil	5,424	718	6,142	20,759	4,911	9,766	35,436
15 ppm sulfur and under	5,573	696	6,269	20,742	4,808	9,582	35,132
Greater than 15 ppm to 500 ppm sulfur	34	-	34	-	-	-68	-68
Greater than 500 ppm sulfur	-183	22	-161	17	103	252	372
Residual Fuel Oil	1,165	3	1,168	847	153	146	1,146
Less than 0.31 percent sulfur	-	2	2	138	-	-	138
0.31 to 1.00 percent sulfur	917	1	918	330	62	38	430
Greater than 1.00 percent sulfur	248	-	248	379	91	108	578
Petrochemical Feedstocks	-	-	-	865	-	-	865
Naphtha for Petro. Feed. Use	-	-	-	533	-	-	533
Other Oils for Petro. Feed. Use	-	-	-	332	-	-	332
Special Naphthas	-	15	15	-37	-	15	-22
Lubricants	196	193	389	-	-	233	233
Waxes	-	-13	-13	-	-	42	42
Petroleum Coke	660	16	676	3,611	773	886	5,270
Marketable	246	-	246	2,590	619	651	3,860
Catalyst	414	16	430	1,021	154	235	1,410
Asphalt and Road Oil	511	671	1,182	4,014	1,216	458	5,688
Still Gas	754	41	795	2,557	582	1,023	4,162
Miscellaneous Products	58	35	93	327	100	51	478
Total	12,861	2,935	15,796	46,755	10,658	16,669	74,082
Processing Gain(-) or Loss(+)	-1,048	64	-984	-4,423	-1,102	-1,021	-6,546

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	960	6,836	4,436	17	31	12,280	399	1,736	18,331
Natural Gas Liquids	576	3,733	2,401	9	31	6,750	293	1,663	11,097
Ethane	6	131	29	—	—	166	—	—	166
Propane	341	2,326	2,016	23	28	4,734	214	938	8,478
Normal Butane	211	1,670	242	-14	3	2,112	78	592	2,863
Isobutane	18	-394	114	—	—	-262	1	133	-410
Natural Gasoline	—	—	—	—	—	—	—	—	—
Refinery Olefins	384	3,103	2,035	8	—	5,530	106	73	7,234
Ethylene	—	9	—	—	—	9	—	—	23
Propylene	354	3,486	2,152	8	—	6,000	37	130	7,560
Butylene	30	-392	-117	—	—	-479	69	-57	-418
Isobutylene	—	—	—	—	—	—	—	—	69
Finished Motor Gasoline	2,392	14,196	7,810	509	259	25,166	4,763	2,131	43,600
Reformulated	—	—	—	—	—	—	—	666	1,379
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	666	1,379
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	2,392	14,196	7,810	509	259	25,166	4,763	1,465	42,221
Conventional Blended with Fuel Ethanol	1,994	421	1,948	386	66	4,815	2,726	693	14,380
Ed55 and Lower	1,994	421	1,948	386	66	4,815	2,726	693	14,380
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	398	13,775	5,862	123	193	20,351	2,037	772	27,841
Finished Aviation Gasoline	88	100	125	—	—	313	4	25	365
Kerosene-Type Jet Fuel	1,352	14,160	8,271	77	—	23,860	982	12,628	47,930
Kerosene	2	145	20	14	—	181	—	2	377
Distillate Fuel Oil	6,813	46,737	35,714	2,845	986	93,095	6,204	13,526	154,403
15 ppm sulfur and under	6,859	44,951	31,371	2,722	986	86,889	6,070	13,181	147,541
Greater than 15 ppm to 500 ppm sulfur	-46	314	1,721	104	—	2,093	77	191	2,327
Greater than 500 ppm sulfur	—	1,472	2,622	19	—	4,113	57	154	4,535
Residual Fuel Oil	341	2,251	991	13	26	3,622	337	2,602	8,875
Less than 0.31 percent sulfur	250	—	781	—	—	1,031	186	55	1,412
0.31 to 1.00 percent sulfur	-3	1,124	354	13	—	1,488	31	758	3,625
Greater than 1.00 percent sulfur	94	1,127	-144	—	26	1,103	120	1,789	3,838
Petrochemical Feedstocks	42	3,290	2,348	—	—	5,680	—	—	6,545
Naphtha for Petro. Feed. Use	41	1,809	987	—	—	2,837	—	—	3,370
Other Oils for Petro. Feed. Use	1	1,481	1,361	—	—	2,843	—	—	3,175
Special Naphthas	42	616	—	215	—	873	—	20	886
Lubricants	0	1,421	1,569	784	—	3,774	—	240	4,636
Waxes	—	56	48	31	—	135	—	—	164
Petroleum Coke	476	8,287	5,117	153	19	14,052	610	3,663	24,271
Marketable	241	6,478	4,077	136	—	10,932	409	2,800	18,247
Catalyst	235	1,809	1,040	17	19	3,120	201	863	6,024
Asphalt and Road Oil	199	348	545	1,113	48	2,253	1,158	905	11,186
Still Gas	828	6,493	3,326	261	69	10,977	691	3,662	20,287
Miscellaneous Products	148	989	463	17	41	1,658	125	362	2,716
Total	13,683	105,925	70,783	6,049	1,479	197,919	15,273	41,502	344,572
Processing Gain(-) or Loss(+)	-737	-10,735	-7,268	-104	-43	-18,887	-879	-5,171	-32,467

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	553	-13	540	1,044	102	518	1,664
Natural Gas Liquids	76	-13	63	357	-38	313	632
Ethane	-	-	-	-	-	-	-
Propane	408	25	433	1,525	294	482	2,301
Normal Butane	-320	-21	-341	-1,001	-298	-154	-1,453
Isobutane	-12	-17	-29	-167	-34	-15	-216
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	477	-	477	687	140	205	1,032
Ethylene	15	-	15	-	-	-	-
Propylene	402	-	402	630	140	205	975
Butylene	1	-	1	57	-	-	57
Isobutylene	59	-	59	-	-	-	-
Finished Motor Gasoline	684	1,329	2,013	4,704	2,140	2,959	9,803
Reformulated	684	-	684	-	-	-	-
Reformulated Blended with Fuel Ethanol	684	-	684	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,329	1,329	4,704	2,140	2,959	9,803
Conventional Blended with Fuel Ethanol	-	1,319	1,319	1,762	1,676	1,591	5,029
Ed55 and Lower	-	1,319	1,319	1,762	1,676	1,591	5,029
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	10	10	2,942	464	1,368	4,774
Finished Aviation Gasoline	-	-	-	-	24	-	24
Kerosene-Type Jet Fuel	2,886	-	2,886	6,577	748	955	8,280
Kerosene	144	7	151	60	-	52	112
Distillate Fuel Oil	5,845	825	6,670	20,311	5,890	11,048	37,249
15 ppm sulfur and under	5,901	766	6,667	20,338	5,960	11,208	37,506
Greater than 15 ppm to 500 ppm sulfur	2	-	2	-	-	81	81
Greater than 500 ppm sulfur	-58	59	1	-27	-70	-241	-338
Residual Fuel Oil	1,236	8	1,244	834	180	157	1,171
Less than 0.31 percent sulfur	-	7	7	66	-	-	66
0.31 to 1.00 percent sulfur	1,033	1	1,034	336	83	38	457
Greater than 1.00 percent sulfur	203	-	203	432	97	119	648
Petrochemical Feedstocks	-	-	-	821	-	-	821
Naphtha for Petro. Feed. Use	-	-	-	493	-	-	493
Other Oils for Petro. Feed. Use	-	-	-	328	-	-	328
Special Naphthas	-	8	8	-60	-	14	-46
Lubricants	201	205	406	-	-	203	203
Waxes	-	-15	-15	-	-	16	16
Petroleum Coke	726	21	747	3,549	960	980	5,489
Marketable	278	-	278	2,596	790	716	4,102
Catalyst	448	21	469	953	170	264	1,387
Asphalt and Road Oil	491	733	1,224	3,751	958	323	5,032
Still Gas	791	40	831	2,600	638	1,104	4,342
Miscellaneous Products	57	36	93	267	122	55	444
Total	13,614	3,184	16,798	44,458	11,762	18,384	74,604
Processing Gain(-) or Loss(+)	-1,431	13	-1,418	-4,099	-1,544	-1,482	-7,125

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	484	5,614	3,980	-10	-1	10,067	195	67	12,533
Natural Gas Liquids	170	2,652	2,116	-16	-1	4,921	107	33	5,756
Ethane	4	120	34	-	-	158	-	-	158
Propane	288	2,431	1,865	26	27	4,637	224	901	8,496
Normal Butane	-131	464	117	-42	-28	380	-121	-831	-2,366
Isobutane	9	-363	100	-	-	-254	4	-37	-532
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	314	2,962	1,864	6	-	5,146	88	34	6,777
Ethylene	-	5	-	-	-	5	-	-	20
Propylene	295	3,316	1,845	6	-	5,462	28	66	6,933
Butylene	19	-359	19	-	-	-321	60	-32	-235
Isobutylene	-	-	-	-	-	-	-	-	59
Finished Motor Gasoline	2,444	13,196	7,547	625	257	24,069	4,860	2,225	42,970
Reformulated	-	-	-	-	-	-	-	698	1,382
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	698	1,382
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,444	13,196	7,547	625	257	24,069	4,860	1,527	41,588
Conventional Blended with Fuel Ethanol	2,006	436	1,912	523	57	4,934	2,830	676	14,788
Ed55 and Lower	2,006	436	1,912	523	57	4,934	2,830	676	14,788
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	438	12,760	5,635	102	200	19,135	2,030	851	26,800
Finished Aviation Gasoline	117	78	98	-	-	293	4	82	403
Kerosene-Type Jet Fuel	1,492	13,144	8,879	87	-	23,602	1,039	12,722	48,529
Kerosene	6	317	-68	32	-	287	-	1	551
Distillate Fuel Oil	6,642	45,759	35,179	2,977	1,027	91,584	6,279	14,580	156,362
15 ppm sulfur and under	6,692	43,936	31,662	2,951	1,027	86,268	6,241	13,666	150,348
Greater than 15 ppm to 500 ppm sulfur	-50	319	1,646	41	-	1,956	48	409	2,496
Greater than 500 ppm sulfur	-	1,504	1,871	-15	-	3,360	-10	505	3,518
Residual Fuel Oil	292	1,324	820	13	50	2,499	324	2,659	7,897
Less than 0.31 percent sulfur	298	-	787	-	-	1,085	178	58	1,394
0.31 to 1.00 percent sulfur	1	1,064	312	13	-	1,390	23	727	3,631
Greater than 1.00 percent sulfur	-7	260	-279	-	50	24	123	1,874	2,872
Petrochemical Feedstocks	114	3,290	2,116	-	-	5,520	-	-	6,341
Naphtha for Petro. Feed. Use	112	1,641	1,089	-	-	2,842	-	-	3,335
Other Oils for Petro. Feed. Use	2	1,649	1,027	-	-	2,678	-	-	3,006
Special Naphthas	60	633	-	208	-	901	-	13	876
Lubricants	13	976	1,468	861	-	3,318	-	487	4,414
Waxes	-	61	43	25	-	129	-	-	130
Petroleum Coke	417	7,842	5,039	187	20	13,505	648	4,005	24,394
Marketable	187	6,129	4,118	168	-	10,602	421	3,113	18,516
Catalyst	230	1,713	921	19	20	2,903	227	892	5,878
Asphalt and Road Oil	172	221	944	1,181	106	2,624	1,166	915	10,961
Still Gas	783	6,203	3,430	288	80	10,784	628	3,631	20,216
Miscellaneous Products	120	996	461	21	36	1,634	132	385	2,688
Total	13,156	99,654	69,936	6,495	1,575	190,816	15,275	41,772	339,265
Processing Gain(-) or Loss(+)	-951	-8,820	-6,361	-400	-65	-16,597	-901	-5,382	-31,423

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	302	-37	265	819	-477	346	688
Natural Gas Liquids	-38	-37	-75	124	-566	133	-309
Ethane	-	-	-	-	-	-	-
Propane	454	23	477	1,558	272	485	2,315
Normal Butane	-458	-44	-502	-1,219	-780	-367	-2,366
Isobutane	-34	-16	-50	-215	-58	15	-258
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	340	-	340	695	89	213	997
Ethylene	15	-	15	-	-	-	-
Propylene	315	-	315	679	89	213	981
Butylene	1	-	1	16	-	-	16
Isobutylene	9	-	9	-	-	-	-
Finished Motor Gasoline	621	1,266	1,887	4,377	1,904	2,876	9,157
Reformulated	621	-	621	-	-	-	-
Reformulated Blended with Fuel Ethanol	621	-	621	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,266	1,266	4,377	1,904	2,876	9,157
Conventional Blended with Fuel Ethanol	-	1,272	1,272	1,885	1,554	1,580	5,019
Ed55 and Lower	-	1,272	1,272	1,885	1,554	1,580	5,019
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	-6	-6	2,492	350	1,296	4,138
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2,675	-	2,675	6,586	754	878	8,218
Kerosene	227	7	234	225	-	75	300
Distillate Fuel Oil	6,307	729	7,036	20,391	5,501	10,770	36,662
15 ppm sulfur and under	6,446	703	7,149	20,429	5,456	10,778	36,663
Greater than 15 ppm to 500 ppm sulfur	40	-	40	-	-	-35	-35
Greater than 500 ppm sulfur	-179	26	-153	-38	45	27	34
Residual Fuel Oil	1,193	4	1,197	851	114	176	1,141
Less than 0.31 percent sulfur	-	3	3	71	-	-	71
0.31 to 1.00 percent sulfur	927	1	928	371	81	40	492
Greater than 1.00 percent sulfur	266	-	266	409	33	136	578
Petrochemical Feedstocks	-	-	-	864	-	-	864
Naphtha for Petro. Feed. Use	-	-	-	578	-	-	578
Other Oils for Petro. Feed. Use	-	-	-	286	-	-	286
Special Naphthas	-	9	9	-21	-	5	-16
Lubricants	186	205	391	-	-	173	173
Waxes	-	-19	-19	-	-	29	29
Petroleum Coke	663	18	681	3,772	886	868	5,526
Marketable	251	-	251	2,837	732	612	4,181
Catalyst	412	18	430	935	154	256	1,345
Asphalt and Road Oil	389	706	1,095	4,289	1,287	312	5,888
Still Gas	784	44	828	2,502	622	1,073	4,197
Miscellaneous Products	54	41	95	288	119	46	453
Total	13,401	2,973	16,374	44,943	10,710	17,627	73,280
Processing Gain(-) or Loss(+)	-1,123	20	-1,103	-4,318	-1,180	-1,269	-6,767

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	358	5,541	3,508	-45	-2	9,360	94	-254	10,153
Natural Gas Liquids	34	2,318	1,788	-61	-2	4,077	24	-401	3,316
Ethane	4	136	34	-	-	174	-	-	174
Propane	248	2,500	1,931	15	28	4,722	192	922	8,628
Normal Butane	-219	88	-241	-76	-30	-478	-149	-1,398	-4,893
Isobutane	1	-406	64	-	-	-341	-19	75	-593
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	324	3,223	1,720	16	-	5,283	70	147	6,837
Ethylene	-	4	-	-	-	4	-	-	19
Propylene	266	3,427	1,809	16	-	5,518	47	169	7,030
Butylene	58	-208	-89	-	-	-239	23	-22	-221
Isobutylene	-	-	-	-	-	-	-	-	9
Finished Motor Gasoline	2,051	15,538	7,421	495	206	25,711	4,609	2,353	43,717
Reformulated	-	-	-	-	-	-	-	626	1,247
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	626	1,247
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,051	15,538	7,421	495	206	25,711	4,609	1,727	42,470
Conventional Blended with Fuel Ethanol	1,808	410	1,809	466	67	4,560	2,747	691	14,289
Ed55 and Lower	1,808	410	1,809	466	67	4,560	2,747	691	14,289
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	243	15,128	5,612	29	139	21,151	1,862	1,036	28,181
Finished Aviation Gasoline	74	135	80	-	-	289	6	35	330
Kerosene-Type Jet Fuel	1,558	14,452	9,262	49	-	25,321	923	12,551	49,688
Kerosene	-10	419	0	25	-	434	-	1	969
Distillate Fuel Oil	6,386	47,393	35,963	2,833	936	93,511	5,777	16,113	159,099
15 ppm sulfur and under	6,430	45,857	31,552	2,788	936	87,563	5,771	15,242	152,388
Greater than 15 ppm to 500 ppm sulfur	-44	315	2,351	51	-	2,673	42	284	3,004
Greater than 500 ppm sulfur	-	1,221	2,060	-6	-	3,275	-36	587	3,707
Residual Fuel Oil	377	1,092	521	13	-70	1,933	319	1,995	6,585
Less than 0.31 percent sulfur	281	-	771	-	-	1,052	154	48	1,328
0.31 to 1.00 percent sulfur	4	1,037	391	13	-	1,445	28	672	3,565
Greater than 1.00 percent sulfur	92	55	-641	-	-70	-564	137	1,275	1,692
Petrochemical Feedstocks	84	3,873	1,954	-	-	5,911	-	-	6,775
Naphtha for Petro. Feed. Use	100	2,167	1,279	-	-	3,546	-	-	4,124
Other Oils for Petro. Feed. Use	-16	1,706	675	-	-	2,365	-	-	2,651
Special Naphthas	66	631	-	200	-	897	-	25	915
Lubricants	12	1,326	1,368	909	-	3,615	-	473	4,652
Waxes	-	46	46	30	-	122	-	-	132
Petroleum Coke	487	8,039	5,569	185	22	14,302	573	3,858	24,940
Marketable	260	6,316	4,657	172	-	11,405	352	2,957	19,146
Catalyst	227	1,723	912	13	22	2,897	221	901	5,794
Asphalt and Road Oil	49	109	618	1,075	29	1,880	1,159	784	10,806
Still Gas	812	6,137	3,593	274	76	10,892	597	3,565	20,079
Miscellaneous Products	123	995	490	21	43	1,672	111	413	2,744
Total	12,427	105,726	70,393	6,064	1,240	195,850	14,168	41,912	341,584
Processing Gain(-) or Loss(+)	-882	-10,267	-5,904	-351	234	-17,170	-741	-4,934	-30,715

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	400	-29	371	720	-244	200	676
Natural Gas Liquids	78	-29	49	18	-372	0	-354
Ethane	-	-	-	-	-	-	-
Propane	394	23	417	1,471	237	490	2,198
Normal Butane	-347	-37	-384	-1,236	-570	-447	-2,253
Isobutane	31	-15	16	-217	-39	-43	-299
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	322	-	322	702	128	200	1,030
Ethylene	24	-	24	-	-	-	-
Propylene	285	-	285	706	128	199	1,033
Butylene	-	-	-	-4	-	1	-3
Isobutylene	13	-	13	-	-	-	-
Finished Motor Gasoline	652	1,062	1,714	3,880	1,803	2,810	8,493
Reformulated	652	-	652	-	-	5	5
Reformulated Blended with Fuel Ethanol	652	-	652	-	-	5	5
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,062	1,062	3,880	1,803	2,805	8,488
Conventional Blended with Fuel Ethanol	-	1,086	1,086	1,906	1,494	1,541	4,941
Ed55 and Lower	-	1,086	1,086	1,906	1,494	1,541	4,941
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	-24	-24	1,974	309	1,264	3,547
Finished Aviation Gasoline	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel	2,634	-	2,634	5,361	847	905	7,113
Kerosene	127	5	132	105	-	74	179
Distillate Fuel Oil	6,060	738	6,798	19,532	5,277	10,874	35,683
15 ppm sulfur and under	6,110	704	6,814	19,524	5,262	10,848	35,634
Greater than 15 ppm to 500 ppm sulfur	-63	-	-63	-	-	-6	-6
Greater than 500 ppm sulfur	13	34	47	8	15	32	55
Residual Fuel Oil	1,207	12	1,219	758	209	163	1,130
Less than 0.31 percent sulfur	-	11	11	78	-	-	78
0.31 to 1.00 percent sulfur	958	1	959	290	128	36	454
Greater than 1.00 percent sulfur	249	-	249	390	81	127	598
Petrochemical Feedstocks	-	-	-	788	-	-	788
Naphtha for Petro. Feed. Use	-	-	-	400	-	-	400
Other Oils for Petro. Feed. Use	-	-	-	388	-	-	388
Special Naphthas	-	1	1	-23	-	11	-12
Lubricants	183	196	379	-	-	151	151
Waxes	-	-17	-17	-	-	28	28
Petroleum Coke	638	18	656	3,535	904	976	5,415
Marketable	224	-	224	2,621	753	725	4,099
Catalyst	414	18	432	914	151	251	1,316
Asphalt and Road Oil	313	679	992	3,336	1,238	229	4,803
Still Gas	796	44	840	2,427	624	1,091	4,142
Miscellaneous Products	47	47	94	302	126	59	487
Total	13,057	2,756	15,813	40,721	10,814	17,571	69,106
Processing Gain(-) or Loss(+)	-1,015	15	-1,000	-3,632	-1,246	-1,348	-6,226

See footnotes at end of table.

Table 19. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	521	5,053	4,187	-33	-17	9,711	99	-406	10,451
Natural Gas Liquids	151	2,286	2,138	-51	-17	4,507	9	-547	3,664
Ethane	5	125	40	-	-	170	-	-	170
Propane	272	2,396	1,916	17	31	4,632	191	697	8,135
Normal Butane	-168	75	55	-68	-48	-154	-193	-1,283	-4,267
Isobutane	42	-310	127	-	-	-141	11	39	-374
Natural Gasoline	-	-	-	-	-	-	-	-	-
Refinery Olefins	370	2,767	2,049	18	-	5,204	90	141	6,787
Ethylene	-	8	-	-	-	8	-	-	32
Propylene	374	3,104	2,104	18	-	5,600	46	146	7,110
Butylene	-4	-345	-55	-	-	-404	44	-5	-368
Isobutylene	-	-	-	-	-	-	-	-	13
Finished Motor Gasoline	2,171	14,838	8,111	524	140	25,784	4,498	2,724	43,213
Reformulated	-	-	-	-	-	-	-	619	1,276
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	619	1,276
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	2,171	14,838	8,111	524	140	25,784	4,498	2,105	41,937
Conventional Blended with Fuel Ethanol	1,910	430	1,856	427	60	4,683	2,552	675	13,937
Ed55 and Lower	1,910	430	1,856	427	60	4,683	2,552	675	13,937
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	261	14,408	6,255	97	80	21,101	1,946	1,430	28,000
Finished Aviation Gasoline	76	138	114	-	-	328	3	50	411
Kerosene-Type Jet Fuel	1,263	12,901	10,022	44	-	24,230	989	13,359	48,325
Kerosene	5	551	0	34	-	590	2	4	907
Distillate Fuel Oil	5,671	41,141	36,421	2,401	722	86,356	5,709	15,381	149,927
15 ppm sulfur and under	5,728	39,956	31,654	2,372	722	80,432	5,676	14,713	143,269
Greater than 15 ppm to 500 ppm sulfur	-57	218	2,664	55	-	2,880	30	308	3,149
Greater than 500 ppm sulfur	-	967	2,103	-26	-	3,044	3	360	3,509
Residual Fuel Oil	325	1,738	1,316	4	89	3,472	341	2,302	8,464
Less than 0.31 percent sulfur	263	-	741	-	-	1,004	165	39	1,297
0.31 to 1.00 percent sulfur	-4	747	461	4	-	1,208	21	648	3,290
Greater than 1.00 percent sulfur	66	991	114	-	89	1,260	155	1,615	3,877
Petrochemical Feedstocks	68	2,742	2,221	-	-	5,031	-	-	5,819
Naphtha for Petro. Feed. Use	66	1,703	1,217	-	-	2,986	-	-	3,386
Other Oils for Petro. Feed. Use	2	1,039	1,004	-	-	2,045	-	-	2,433
Special Naphthas	30	459	-	167	-	656	-	24	669
Lubricants	14	1,553	1,418	853	-	3,838	-	332	4,700
Waxes	-	23	54	14	-	91	-	-	102
Petroleum Coke	397	7,385	5,418	163	22	13,385	676	4,082	24,214
Marketable	171	5,751	4,449	149	-	10,520	466	3,184	18,493
Catalyst	226	1,634	969	14	22	2,865	210	898	5,721
Asphalt and Road Oil	153	-7	306	1,048	68	1,568	903	749	9,015
Still Gas	700	5,768	3,621	261	76	10,426	633	3,853	19,894
Miscellaneous Products	99	887	482	17	43	1,528	107	437	2,653
Total	11,493	95,170	73,691	5,497	1,143	186,994	13,960	42,891	328,764
Processing Gain(-) or Loss(+)	-575	-9,952	-7,489	-243	284	-17,975	-1,007	-4,351	-30,559

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, January 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,158	–	1,158	48	65	316	429
Natural Gas Liquids	1,158	–	1,158	48	65	316	429
Normal Butane	807	–	807	48	59	237	344
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	351	–	351	–	6	79	85
Other Liquids	79,036	5,089	84,125	40,084	7,971	11,699	59,754
Oxygenates/Renewables	8,569	539	9,108	4,198	891	1,295	6,384
Biofuels (including Fuel Ethanol)	8,569	539	9,108	4,198	891	1,295	6,384
Fuel Ethanol	8,215	506	8,721	4,113	868	1,263	6,244
Biodiesel	354	33	387	85	23	32	140
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	70,467	4,550	75,017	35,886	7,080	10,404	53,370
Reformulated - RBOB	18,627	–	18,627	6,061	907	804	7,772
Conventional	51,840	4,550	56,390	29,825	6,173	9,600	45,598
CBOB	45,538	4,550	50,088	29,822	6,173	9,600	45,595
GTAB	2,989	–	2,989	–	–	–	–
Other	3,313	–	3,313	3	–	–	3
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	80,194	5,089	85,283	40,132	8,036	12,015	60,183

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	30	3,004	318	22	–	3,374	90	21	5,072
Natural Gas Liquids	30	3,004	318	22	–	3,374	90	21	5,072
Normal Butane	30	724	318	22	–	1,094	81	21	2,347
Isobutane	–	–	–	–	–	–	1	–	1
Natural Gasoline	–	2,280	–	–	–	2,280	8	–	2,724
Other Liquids	16,718	6,893	2,483	7,926	1,225	35,245	5,196	39,250	223,570
Oxygenates/Renewables	1,730	858	279	876	130	3,873	578	4,476	24,419
Biofuels (including Fuel Ethanol)	1,730	858	279	876	130	3,873	578	4,476	24,419
Fuel Ethanol	1,711	738	279	859	123	3,710	566	4,052	23,293
Biodiesel	19	48	–	17	7	91	12	344	974
Renewable Diesel Fuel	–	9	–	–	–	9	–	80	89
Other Biofuels ¹	–	63	–	–	–	63	–	–	63
Unfinished Oils (net)	–	–	3	–	–	3	–	–	3
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	3	–	–	3	–	–	3
Heavy Gas Oils	–	–	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	14,988	6,035	2,201	7,050	1,095	31,369	4,618	34,774	199,148
Reformulated - RBOB	6,179	4,984	–	13	–	11,176	–	25,037	62,612
Conventional	8,809	1,051	2,201	7,037	1,095	20,193	4,618	9,737	136,536
CBOB	8,809	-3,189	521	7,037	1,075	14,253	4,617	9,464	124,017
GTAB	–	–	–	–	–	–	–	–	2,989
Other	–	4,240	1,680	–	20	5,940	1	273	9,530
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	16,748	9,897	2,801	7,948	1,225	38,619	5,286	39,271	228,642

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, February 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,120	–	1,120	12	53	304	369
Natural Gas Liquids	1,120	–	1,120	12	53	304	369
Normal Butane	880	–	880	12	47	232	291
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	240	–	240	–	6	72	78
Other Liquids	79,942	5,064	85,006	38,481	7,680	11,023	57,184
Oxygenates/Renewables	8,628	551	9,179	4,040	860	1,231	6,131
Biofuels (including Fuel Ethanol)	8,628	551	9,179	4,040	860	1,231	6,131
Fuel Ethanol	8,236	505	8,741	3,956	831	1,197	5,984
Biodiesel	392	46	438	84	29	34	147
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	71,314	4,513	75,827	34,441	6,820	9,792	51,053
Reformulated - RBOB	19,320	–	19,320	5,597	883	705	7,185
Conventional	51,994	4,513	56,507	28,844	5,937	9,087	43,868
CBOB	45,725	4,513	50,238	28,832	5,937	9,087	43,856
GTAB	1,863	–	1,863	–	–	–	–
Other	4,406	–	4,406	12	–	–	12
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	81,062	5,064	86,126	38,493	7,733	11,327	57,553

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	37	2,422	246	19	–	2,724	72	21	4,306
Natural Gas Liquids	37	2,422	246	19	–	2,724	72	21	4,306
Normal Butane	33	801	246	19	–	1,099	59	21	2,350
Isobutane	–	–	–	–	–	–	1	–	1
Natural Gasoline	4	1,621	–	–	–	1,625	12	–	1,955
Other Liquids	15,496	7,264	2,574	7,701	1,140	34,175	5,087	39,133	220,585
Oxygenates/Renewables	1,596	763	282	856	131	3,628	564	4,441	23,943
Biofuels (including Fuel Ethanol)	1,596	763	282	856	131	3,628	564	4,441	23,943
Fuel Ethanol	1,581	720	282	829	118	3,530	552	4,043	22,850
Biodiesel	15	43	–	27	13	98	12	315	1,010
Renewable Diesel Fuel	–	–	–	–	–	–	–	83	83
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	13,900	6,501	2,292	6,845	1,009	30,547	4,523	34,692	196,642
Reformulated - RBOB	5,419	5,004	–	13	–	10,436	–	25,291	62,232
Conventional	8,481	1,497	2,292	6,832	1,009	20,111	4,523	9,401	134,410
CBOB	8,481	–4,324	851	6,832	988	12,828	4,522	9,306	120,750
GTAB	–	–	–	–	–	–	–	–	1,863
Other	–	5,821	1,441	–	21	7,283	1	95	11,797
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	15,533	9,686	2,820	7,720	1,140	36,899	5,159	39,154	224,891

-- = Not Applicable.

– = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, March 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,233	–	1,233	44	53	223	320
Natural Gas Liquids	1,233	–	1,233	44	53	223	320
Normal Butane	906	–	906	44	51	181	276
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	327	–	327	–	2	42	44
Other Liquids	89,309	5,999	95,308	43,687	8,103	13,491	65,281
Oxygenates/Renewables	9,583	647	10,230	4,599	940	1,516	7,055
Biofuels (including Fuel Ethanol)	9,583	647	10,230	4,599	940	1,516	7,055
Fuel Ethanol	9,206	595	9,801	4,492	887	1,467	6,846
Biodiesel	377	52	429	107	53	49	209
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	79,726	5,352	85,078	39,088	7,163	11,975	58,226
Reformulated - RBOB	20,860	–	20,860	6,593	1,123	932	8,648
Conventional	58,866	5,352	64,218	32,495	6,040	11,043	49,578
CBOB	49,233	5,352	54,585	32,478	6,040	11,043	49,561
GTAB	2,714	–	2,714	–	–	–	–
Other	6,919	–	6,919	17	–	–	17
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	90,542	5,999	96,541	43,731	8,156	13,714	65,601

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	89	2,811	118	43	–	3,061	84	57	4,755
Natural Gas Liquids	89	2,811	118	43	–	3,061	84	57	4,755
Normal Butane	78	581	118	42	–	819	67	57	2,125
Isobutane	–	–	–	–	–	–	6	–	6
Natural Gasoline	11	2,230	–	1	–	2,242	11	–	2,624
Other Liquids	18,353	8,906	3,072	8,942	1,371	40,644	5,849	43,241	250,323
Oxygenates/Renewables	1,900	865	318	1,006	155	4,244	656	4,981	27,166
Biofuels (including Fuel Ethanol)	1,900	865	318	1,006	155	4,244	656	4,981	27,166
Fuel Ethanol	1,880	813	318	970	140	4,121	635	4,467	25,870
Biodiesel	20	52	–	36	15	123	21	420	1,202
Renewable Diesel Fuel	–	–	–	–	–	–	–	94	94
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	16,453	8,041	2,754	7,936	1,216	36,400	5,193	38,260	223,157
Reformulated - RBOB	6,814	5,317	–	2	–	12,133	–	27,610	69,251
Conventional	9,639	2,724	2,754	7,934	1,216	24,267	5,193	10,650	153,906
CBOB	9,639	-2,997	1,705	7,934	1,195	17,476	5,192	10,226	137,040
GTAB	–	–	–	–	–	–	–	–	2,714
Other	–	5,721	1,049	–	21	6,791	1	424	14,152
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	18,442	11,717	3,190	8,985	1,371	43,705	5,933	43,298	255,078

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, April 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	983	–	983	156	35	144	335
Natural Gas Liquids	983	–	983	156	35	144	335
Normal Butane	700	–	700	156	33	114	303
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	283	–	283	–	2	30	32
Other Liquids	86,865	5,841	92,706	42,930	7,975	13,388	64,293
Oxygenates/Renewables	9,312	632	9,944	4,535	981	1,516	7,032
Biofuels (including Fuel Ethanol)	9,312	632	9,944	4,535	981	1,516	7,032
Fuel Ethanol	8,982	580	9,562	4,427	861	1,463	6,751
Biodiesel	330	52	382	108	120	53	281
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	2	–	–	2
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	2	–	–	2
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	77,553	5,209	82,762	38,393	6,994	11,872	57,259
Reformulated - RBOB	21,748	–	21,748	6,392	1,281	857	8,530
Conventional	55,805	5,209	61,014	32,001	5,713	11,015	48,729
CBOB	45,257	5,209	50,466	31,902	5,713	11,015	48,630
GTAB	2,864	–	2,864	–	–	–	–
Other	7,684	–	7,684	99	–	–	99
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	87,848	5,841	93,689	43,086	8,010	13,532	64,628

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	98	1,585	7	45	–	1,735	69	81	3,203
Natural Gas Liquids	98	1,585	7	45	–	1,735	69	81	3,203
Normal Butane	93	264	7	45	–	409	62	81	1,555
Isobutane	–	–	–	–	–	–	1	–	1
Natural Gasoline	5	1,321	–	–	–	1,326	6	–	1,647
Other Liquids	18,100	9,581	3,078	8,609	1,260	40,628	5,416	41,698	244,741
Oxygenates/Renewables	1,881	886	306	950	138	4,161	621	4,824	26,582
Biofuels (including Fuel Ethanol)	1,881	886	306	950	138	4,161	621	4,824	26,582
Fuel Ethanol	1,854	832	306	934	130	4,056	601	4,337	25,307
Biodiesel	27	54	–	16	8	105	20	390	1,178
Renewable Diesel Fuel	–	–	–	–	–	–	–	97	97
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	2
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	2
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	16,219	8,695	2,772	7,659	1,122	36,467	4,795	36,874	218,157
Reformulated - RBOB	6,582	6,390	–	11	–	12,983	–	26,601	69,862
Conventional	9,637	2,305	2,772	7,648	1,122	23,484	4,795	10,273	148,295
CBOB	9,637	-2,707	2,200	7,648	1,098	17,876	4,794	9,909	131,675
GTAB	–	–	–	–	–	–	–	–	2,864
Other	–	5,012	572	–	24	5,608	1	364	13,756
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	18,198	11,166	3,085	8,654	1,260	42,363	5,485	41,779	247,944

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, May 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	76	-	76	3	12	30	45
Natural Gas Liquids	76	-	76	3	12	30	45
Normal Butane	32	-	32	1	9	8	18
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	44	-	44	2	3	22	27
Other Liquids	93,224	6,193	99,417	45,645	9,198	14,577	69,420
Oxygenates/Renewables	9,711	673	10,384	4,801	1,142	1,647	7,590
Biofuels (including Fuel Ethanol)	9,711	673	10,384	4,801	1,142	1,647	7,590
Fuel Ethanol	9,444	612	10,056	4,681	975	1,583	7,239
Biodiesel	267	61	328	120	167	64	351
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-	-	-	-
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	83,513	5,520	89,033	40,844	8,056	12,930	61,830
Reformulated - RBOB	21,024	-	21,024	7,045	1,335	962	9,342
Conventional	62,489	5,520	68,009	33,799	6,721	11,968	52,488
CBOB	46,054	5,520	51,574	33,794	6,683	11,968	52,445
GTAB	6,111	-	6,111	-	-	-	-
Other	10,324	-	10,324	5	38	-	43
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	93,300	6,193	99,493	45,648	9,210	14,607	69,465

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	-	2,330	12	1	-	2,343	16	8	2,488
Natural Gas Liquids	-	2,330	12	1	-	2,343	16	8	2,488
Normal Butane	-	66	12	1	-	79	6	8	143
Isobutane	-	-	-	-	-	-	3	-	3
Natural Gasoline	-	2,264	-	-	-	2,264	7	-	2,342
Other Liquids	19,159	10,213	3,203	9,164	1,357	43,096	6,218	43,291	261,442
Oxygenates/Renewables	1,988	878	325	1,021	147	4,359	700	4,974	28,007
Biofuels (including Fuel Ethanol)	1,988	878	325	1,021	147	4,359	700	4,974	28,007
Fuel Ethanol	1,960	827	325	992	138	4,242	677	4,488	26,702
Biodiesel	28	51	-	29	9	117	23	390	1,209
Renewable Diesel Fuel	-	-	-	-	-	-	-	96	96
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	56	-	-	56	-	-	56
Naphthas and Lighter	-	-	112	-	-	112	-	-	112
Kerosene and Light Gas Oils	-	-	274	-	-	274	-	-	274
Heavy Gas Oils	-	-	-473	-	-	-473	-	-	-473
Residuum	-	-	143	-	-	143	-	-	143
Motor Gasoline Blend.Comp. (MGBC)(net)	17,171	9,335	2,822	8,143	1,210	38,681	5,518	38,317	233,379
Reformulated - RBOB	6,969	6,250	-49	9	-	13,179	-	27,498	71,043
Conventional	10,202	3,085	2,871	8,134	1,210	25,502	5,518	10,819	162,336
CBOB	10,202	-3,516	2,423	8,134	1,178	18,421	5,517	10,395	138,352
GTAB	-	-	-	-	-	-	-	-	6,111
Other	-	6,601	448	-	32	7,081	1	424	17,873
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	19,159	12,543	3,215	9,165	1,357	45,439	6,234	43,299	263,930

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, June 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	32	–	32	5	5	45	55
Natural Gas Liquids	32	–	32	5	5	45	55
Normal Butane	31	–	31	2	2	14	18
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	1	–	1	3	3	31	37
Other Liquids	90,096	6,019	96,115	44,424	9,104	14,200	67,728
Oxygenates/Renewables	9,337	654	9,991	4,680	1,107	1,630	7,417
Biofuels (including Fuel Ethanol)	9,337	654	9,991	4,680	1,107	1,630	7,417
Fuel Ethanol	9,125	600	9,725	4,563	960	1,566	7,089
Biodiesel	212	54	266	117	147	64	328
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	80,759	5,365	86,124	39,744	7,997	12,570	60,311
Reformulated - RBOB	22,404	–	22,404	6,898	1,290	894	9,082
Conventional	58,355	5,365	63,720	32,846	6,707	11,676	51,229
CBOB	44,926	5,365	50,291	32,802	6,628	11,676	51,106
GTAB	5,164	–	5,164	–	–	–	–
Other	8,265	–	8,265	44	79	–	123
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	90,128	6,019	96,147	44,429	9,109	14,245	67,783

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1	2,527	4	1	–	2,533	11	7	2,638
Natural Gas Liquids	1	2,527	4	1	–	2,533	11	7	2,638
Normal Butane	–	102	4	1	–	107	4	7	167
Isobutane	–	–	–	–	–	–	3	–	3
Natural Gasoline	1	2,425	–	–	–	2,426	4	–	2,468
Other Liquids	17,736	7,589	3,113	8,776	1,342	38,556	5,986	41,635	250,020
Oxygenates/Renewables	1,848	833	309	985	144	4,119	679	4,791	26,997
Biofuels (including Fuel Ethanol)	1,848	833	309	985	144	4,119	679	4,791	26,997
Fuel Ethanol	1,826	786	309	942	139	4,002	659	4,321	25,796
Biodiesel	22	47	–	43	5	117	20	366	1,097
Renewable Diesel Fuel	–	–	–	–	–	–	–	104	104
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	-12	–	–	–	–	-12	–	–	-12
Naphthas and Lighter	-12	–	–	–	–	-12	–	–	-12
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	15,900	6,756	2,804	7,791	1,198	34,449	5,307	36,844	223,035
Reformulated - RBOB	6,692	6,585	–	9	–	13,286	–	26,259	71,031
Conventional	9,208	171	2,804	7,782	1,198	21,163	5,307	10,585	152,004
CBOB	9,208	-2,925	1,455	7,782	1,158	16,678	5,306	10,241	133,622
GTAB	–	–	–	–	–	–	–	–	5,164
Other	–	3,096	1,349	–	40	4,485	1	344	13,218
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	17,737	10,116	3,117	8,777	1,342	41,089	5,997	41,642	252,658

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, July 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	44	-	44	3	4	43	50
Natural Gas Liquids	44	-	44	3	4	43	50
Normal Butane	43	-	43	1	2	12	15
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	1	-	1	2	2	31	35
Other Liquids	91,000	5,868	96,868	44,466	9,665	13,967	68,098
Oxygenates/Renewables	9,436	634	10,070	4,689	1,172	1,600	7,461
Biofuels (including Fuel Ethanol)	9,436	634	10,070	4,689	1,172	1,600	7,461
Fuel Ethanol	9,249	587	9,836	4,563	1,020	1,541	7,124
Biodiesel	187	47	234	126	152	59	337
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-	-	-	-
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	81,564	5,234	86,798	39,777	8,493	12,367	60,637
Reformulated - RBOB	23,098	-	23,098	6,841	1,276	888	9,005
Conventional	58,466	5,234	63,700	32,936	7,217	11,479	51,632
CBOB	45,495	5,234	50,729	32,937	7,182	11,479	51,598
GTAB	2,712	-	2,712	-	-	-	-
Other	10,259	-	10,259	-1	35	-	34
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	91,044	5,868	96,912	44,469	9,669	14,010	68,148

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	7	2,909	4	1	-	2,921	25	8	3,048
Natural Gas Liquids	7	2,909	4	1	-	2,921	25	8	3,048
Normal Butane	-	168	4	1	-	173	8	8	247
Isobutane	-	-	-	-	-	-	4	-	4
Natural Gasoline	7	2,741	-	-	-	2,748	13	-	2,797
Other Liquids	17,818	7,546	3,068	8,857	1,414	38,703	6,233	42,517	252,419
Oxygenates/Renewables	1,845	867	307	986	155	4,160	708	4,914	27,313
Biofuels (including Fuel Ethanol)	1,845	867	307	986	155	4,160	708	4,914	27,313
Fuel Ethanol	1,833	811	307	952	148	4,051	689	4,440	26,140
Biodiesel	12	56	-	34	7	109	19	364	1,063
Renewable Diesel Fuel	-	-	-	-	-	-	-	110	110
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	11	-	-	-	-	11	-	-	11
Naphthas and Lighter	11	-	-	-	-	11	-	-	11
Kerosene and Light Gas Oils	-	-	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	15,962	6,679	2,761	7,871	1,259	34,532	5,525	37,603	225,095
Reformulated - RBOB	6,496	5,787	-	10	-	12,293	-	26,773	71,169
Conventional	9,466	892	2,761	7,861	1,259	22,239	5,525	10,830	153,926
CBOB	9,466	-4,423	1,383	7,861	1,219	15,506	5,524	10,579	133,936
GTAB	-	-	-	-	-	-	-	-	2,712
Other	-	5,315	1,378	-	40	6,733	1	251	17,278
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	17,825	10,455	3,072	8,858	1,414	41,624	6,258	42,525	255,467

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, August 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	116	-	116	9	25	43	77
Natural Gas Liquids	116	-	116	9	25	43	77
Normal Butane	93	-	93	5	10	13	28
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	23	-	23	4	15	30	49
Other Liquids	93,473	6,267	99,740	45,613	9,670	14,432	69,715
Oxygenates/Renewables	9,728	682	10,410	4,824	1,198	1,651	7,673
Biofuels (including Fuel Ethanol)	9,728	682	10,410	4,824	1,198	1,651	7,673
Fuel Ethanol	9,531	625	10,156	4,686	1,025	1,588	7,299
Biodiesel	197	57	254	138	173	63	374
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-	-	-	-
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	83,745	5,585	89,330	40,789	8,472	12,781	62,042
Reformulated - RBOB	23,646	-	23,646	6,874	1,262	1,100	9,236
Conventional	60,099	5,585	65,684	33,915	7,210	11,681	52,806
CBOB	49,054	5,585	54,639	33,908	7,078	11,681	52,667
GTAB	1,748	-	1,748	-	-	-	-
Other	9,297	-	9,297	7	132	-	139
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	93,589	6,267	99,856	45,622	9,695	14,475	69,792

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1	2,480	5	1	-	2,487	19	9	2,708
Natural Gas Liquids	1	2,480	5	1	-	2,487	19	9	2,708
Normal Butane	-	135	5	1	-	141	8	9	279
Isobutane	-	-	-	-	-	-	2	-	2
Natural Gasoline	1	2,345	-	-	-	2,346	9	-	2,427
Other Liquids	18,358	8,756	3,062	8,942	1,409	40,527	6,508	44,138	260,628
Oxygenates/Renewables	1,903	864	305	985	151	4,208	729	5,133	28,153
Biofuels (including Fuel Ethanol)	1,903	864	305	985	151	4,208	729	5,133	28,153
Fuel Ethanol	1,887	810	305	963	144	4,109	708	4,604	26,876
Biodiesel	16	54	-	22	7	99	21	414	1,162
Renewable Diesel Fuel	-	-	-	-	-	-	-	115	115
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	-	-	-	-	-	-
Naphthas and Lighter	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	16,455	7,892	2,757	7,957	1,258	36,319	5,779	39,005	232,475
Reformulated - RBOB	6,801	5,909	-	9	-	12,719	-	28,098	73,699
Conventional	9,654	1,983	2,757	7,948	1,258	23,600	5,779	10,907	158,776
CBOB	9,654	-1,976	1,677	7,948	1,221	18,524	5,778	10,710	142,318
GTAB	-	-	-	-	-	-	-	-	1,748
Other	-	3,959	1,080	-	37	5,076	1	197	14,710
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	18,359	11,236	3,067	8,943	1,409	43,014	6,527	44,147	263,336

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, September 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,570	–	1,570	37	127	332	496
Natural Gas Liquids	1,570	–	1,570	37	127	332	496
Normal Butane	1,275	–	1,275	34	100	241	375
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	295	–	295	3	27	91	121
Other Liquids	87,353	5,577	92,930	43,642	8,757	13,453	65,852
Oxygenates/Renewables	9,270	600	9,870	4,591	1,101	1,561	7,253
Biofuels (including Fuel Ethanol)	9,270	600	9,870	4,591	1,101	1,561	7,253
Fuel Ethanol	9,043	545	9,588	4,470	941	1,504	6,915
Biodiesel	227	55	282	121	160	57	338
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	4	–	–	4
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	4	–	–	4
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	78,083	4,977	83,060	39,047	7,656	11,892	58,595
Reformulated - RBOB	22,344	–	22,344	6,558	1,059	927	8,544
Conventional	55,739	4,977	60,716	32,489	6,597	10,965	50,051
CBOB	46,683	4,977	51,660	32,487	6,489	10,965	49,941
GTAB	2,207	–	2,207	–	–	–	–
Other	6,849	–	6,849	2	108	–	110
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	88,923	5,577	94,500	43,679	8,884	13,785	66,348

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	69	2,637	180	54	–	2,940	34	44	5,084
Natural Gas Liquids	69	2,637	180	54	–	2,940	34	44	5,084
Normal Butane	59	545	180	54	–	838	19	44	2,551
Isobutane	–	–	–	–	–	–	2	–	2
Natural Gasoline	10	2,092	–	–	–	2,102	13	–	2,531
Other Liquids	17,914	7,963	2,807	8,778	1,291	38,753	6,087	41,678	245,300
Oxygenates/Renewables	1,858	873	300	969	142	4,142	687	4,805	26,757
Biofuels (including Fuel Ethanol)	1,858	873	300	969	142	4,142	687	4,805	26,757
Fuel Ethanol	1,841	812	300	950	132	4,035	672	4,339	25,549
Biodiesel	17	61	–	19	10	107	15	354	1,096
Renewable Diesel Fuel	–	–	–	–	–	–	–	112	112
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	4
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	4
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	16,056	7,090	2,507	7,809	1,149	34,611	5,400	36,873	218,539
Reformulated - RBOB	6,637	5,501	–	7	–	12,145	–	26,903	69,936
Conventional	9,419	1,589	2,507	7,802	1,149	22,466	5,400	9,970	148,603
CBOB	9,419	-2,501	1,725	7,802	1,114	17,559	5,399	9,963	134,522
GTAB	–	–	–	–	–	–	–	–	2,207
Other	–	4,090	782	–	35	4,907	1	7	11,874
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	17,983	10,600	2,987	8,832	1,291	41,693	6,121	41,722	250,384

-- = Not Applicable.

– = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, October 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	2,025	–	2,025	75	172	606	853
Natural Gas Liquids	2,025	–	2,025	75	172	606	853
Normal Butane	1,601	–	1,601	67	136	449	652
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	424	–	424	8	36	157	201
Other Liquids	89,640	5,812	95,452	44,809	8,647	13,511	66,967
Oxygenates/Renewables	9,625	641	10,266	4,731	1,021	1,592	7,344
Biofuels (including Fuel Ethanol)	9,625	641	10,266	4,731	1,021	1,592	7,344
Fuel Ethanol	9,339	577	9,916	4,617	949	1,535	7,101
Biodiesel	286	64	350	114	72	57	243
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	3	–	–	3
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	3	–	–	3
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	80,015	5,171	85,186	40,075	7,626	11,919	59,620
Reformulated - RBOB	21,556	–	21,556	6,497	983	997	8,477
Conventional	58,459	5,171	63,630	33,578	6,643	10,922	51,143
CBOB	47,981	5,171	53,152	33,573	6,543	10,922	51,038
GTAB	2,618	–	2,618	–	–	–	–
Other	7,860	–	7,860	5	100	–	105
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	91,665	5,812	97,477	44,884	8,819	14,117	67,820

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	80	2,630	277	49	–	3,036	71	76	6,061
Natural Gas Liquids	80	2,630	277	49	–	3,036	71	76	6,061
Normal Butane	69	1,047	277	49	–	1,442	33	76	3,804
Isobutane	–	–	–	–	–	–	2	–	2
Natural Gasoline	11	1,583	–	–	–	1,594	36	–	2,255
Other Liquids	18,659	8,315	2,642	8,857	1,407	39,880	6,086	42,910	251,295
Oxygenates/Renewables	1,935	920	303	972	150	4,280	678	4,950	27,518
Biofuels (including Fuel Ethanol)	1,935	920	303	972	150	4,280	678	4,950	27,518
Fuel Ethanol	1,917	820	303	958	142	4,140	668	4,479	26,304
Biodiesel	18	65	–	14	8	105	10	380	1,088
Renewable Diesel Fuel	–	–	–	–	–	–	–	91	91
Other Biofuels ¹	–	35	–	–	–	35	–	–	35
Unfinished Oils (net)	–	–	-100	–	–	-100	–	–	-97
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	-100	–	–	-100	–	–	-100
Heavy Gas Oils	–	–	–	–	–	–	–	–	3
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	16,724	7,395	2,439	7,885	1,257	35,700	5,408	37,960	223,874
Reformulated - RBOB	6,811	5,227	–	6	–	12,044	–	27,566	69,643
Conventional	9,913	2,168	2,439	7,879	1,257	23,656	5,408	10,394	154,231
CBOB	9,913	-2,408	1,612	7,879	1,224	18,220	5,407	10,269	138,086
GTAB	–	–	–	–	–	–	–	–	2,618
Other	–	4,576	827	–	33	5,436	1	125	13,527
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	18,739	10,945	2,919	8,906	1,407	42,916	6,157	42,986	257,356

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, November 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,602	–	1,602	24	87	425	536
Natural Gas Liquids	1,602	–	1,602	24	87	425	536
Normal Butane	1,398	–	1,398	24	87	425	536
Isobutane	–	–	–	–	–	–	–
Natural Gasoline	204	–	204	–	–	–	–
Other Liquids	87,182	5,393	92,575	43,216	8,240	12,917	64,373
Oxygenates/Renewables	9,397	602	9,999	4,549	937	1,493	6,979
Biofuels (including Fuel Ethanol)	9,397	602	9,999	4,549	937	1,493	6,979
Fuel Ethanol	9,087	536	9,623	4,441	904	1,447	6,792
Biodiesel	310	66	376	108	33	46	187
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	4	–	–	4
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	4	–	–	4
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	77,785	4,791	82,576	38,663	7,303	11,424	57,390
Reformulated - RBOB	20,673	–	20,673	6,461	1,002	821	8,284
Conventional	57,112	4,791	61,903	32,202	6,301	10,603	49,106
CBOB	48,006	4,791	52,797	32,197	6,206	10,603	49,006
GTAB	2,952	–	2,952	–	–	–	–
Other	6,154	–	6,154	5	95	–	100
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	88,784	5,393	94,177	43,240	8,327	13,342	64,909

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	90	3,275	342	45	–	3,752	74	63	6,027
Natural Gas Liquids	90	3,275	342	45	–	3,752	74	63	6,027
Normal Butane	90	938	342	45	–	1,415	69	63	3,481
Isobutane	–	–	–	–	–	–	3	–	3
Natural Gasoline	–	2,337	–	–	–	2,337	2	–	2,543
Other Liquids	18,084	8,341	2,511	8,499	1,335	38,770	5,720	40,381	241,819
Oxygenates/Renewables	1,867	821	283	938	150	4,059	634	4,681	26,352
Biofuels (including Fuel Ethanol)	1,867	821	283	938	150	4,059	634	4,681	26,352
Fuel Ethanol	1,855	772	283	918	136	3,964	615	4,243	25,237
Biodiesel	12	49	–	20	14	95	19	348	1,025
Renewable Diesel Fuel	–	–	–	–	–	–	–	90	90
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	4
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	4
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	16,217	7,520	2,228	7,561	1,185	34,711	5,086	35,700	215,463
Reformulated - RBOB	6,504	6,088	–	6	–	12,598	–	25,991	67,546
Conventional	9,713	1,432	2,228	7,555	1,185	22,113	5,086	9,709	147,917
CBOB	9,713	-2,928	1,356	7,555	1,152	16,848	5,085	9,669	133,405
GTAB	–	–	–	–	–	–	–	–	2,952
Other	–	4,360	872	–	33	5,265	1	40	11,560
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	18,174	11,616	2,853	8,544	1,335	42,522	5,794	40,444	247,846

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 20. Blender Net Inputs of Petroleum Products by PAD Districts, December 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,502	–	1,502	44	54	579	677
Natural Gas Liquids	1,502	–	1,502	44	54	579	677
Normal Butane	1,128	–	1,128	43	54	473	570
Isobutane	–	–	–	1	–	–	1
Natural Gasoline	374	–	374	–	–	106	106
Other Liquids	89,608	5,562	95,170	43,380	8,108	12,657	64,145
Oxygenates/Renewables	9,674	612	10,286	4,543	910	1,469	6,922
Biofuels (including Fuel Ethanol)	9,674	612	10,286	4,543	910	1,469	6,922
Fuel Ethanol	9,252	550	9,802	4,454	882	1,430	6,766
Biodiesel	422	62	484	89	28	39	156
Renewable Diesel Fuel	–	–	–	–	–	–	–
Other Biofuels ¹	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	1	–	–	1
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	1	–	–	1
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	79,934	4,950	84,884	38,836	7,198	11,188	57,222
Reformulated - RBOB	22,713	–	22,713	6,886	901	789	8,576
Conventional	57,221	4,950	62,171	31,950	6,297	10,399	48,646
CBOB	49,808	4,950	54,758	31,950	6,272	10,399	48,621
GTAB	2,951	–	2,951	–	–	–	–
Other	4,462	–	4,462	–	25	–	25
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–
Total Input	91,110	5,562	96,672	43,424	8,162	13,236	64,822

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	43	3,362	342	28	–	3,775	92	47	6,093
Natural Gas Liquids	43	3,362	342	28	–	3,775	92	47	6,093
Normal Butane	38	712	342	28	–	1,120	81	47	2,946
Isobutane	–	–	–	–	–	–	1	–	2
Natural Gasoline	5	2,650	–	–	–	2,655	10	–	3,145
Other Liquids	18,329	7,260	2,572	8,532	1,297	37,990	5,732	40,679	243,716
Oxygenates/Renewables	1,893	858	291	940	146	4,128	629	4,687	26,652
Biofuels (including Fuel Ethanol)	1,893	858	291	940	146	4,128	629	4,687	26,652
Fuel Ethanol	1,879	808	291	926	133	4,037	612	4,249	25,466
Biodiesel	14	50	–	14	13	91	17	339	1,087
Renewable Diesel Fuel	–	–	–	–	–	–	–	99	99
Other Biofuels ¹	–	–	–	–	–	–	–	–	–
Unfinished Oils (net)	–	–	–	–	–	–	–	–	1
Naphthas and Lighter	–	–	–	–	–	–	–	–	–
Kerosene and Light Gas Oils	–	–	–	–	–	–	–	–	–
Heavy Gas Oils	–	–	–	–	–	–	–	–	1
Residuum	–	–	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)(net)	16,436	6,402	2,281	7,592	1,151	33,862	5,103	35,992	217,063
Reformulated - RBOB	6,631	5,950	–	4	–	12,585	–	26,412	70,286
Conventional	9,805	452	2,281	7,588	1,151	21,277	5,103	9,580	146,777
CBOB	9,805	-2,653	1,514	7,588	1,121	17,375	5,102	9,600	135,456
GTAB	–	–	–	–	–	–	–	–	2,951
Other	–	3,105	767	–	30	3,902	1	-20	8,370
Aviation Gasoline Blend. Comp. (net)	–	–	–	–	–	–	–	–	–
Total Input	18,372	10,622	2,914	8,560	1,297	41,765	5,824	40,726	249,809

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 21. Blender Net Production of Petroleum Products by PAD Districts, January 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	79,833	5,061	84,894	40,064	8,012	11,982	60,058
Reformulated	31,587	27	31,614	7,300	1,452	893	9,645
Reformulated Blended with Fuel Ethanol	31,587	27	31,614	7,300	1,452	893	9,645
Reformulated Other	-	-	-	-	-	-	-
Conventional	48,246	5,034	53,280	32,764	6,560	11,089	50,413
Conventional Blended with Fuel Ethanol	49,813	5,034	54,847	33,255	6,953	11,144	51,352
Ed55 and Lower	49,766	5,034	54,800	33,244	6,921	11,064	51,229
Greater than Ed55	47	-	47	11	32	80	123
Conventional Other	-1,567	-	-1,567	-491	-393	-55	-939
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-54	-	-54	-27	-	0	-27
Kerosene	-13	-	-13	-3	-	-	-3
Distillate Fuel Oil	454	28	482	96	23	30	149
15 ppm sulfur and under	458	28	486	96	23	30	149
Greater than 15 ppm to 500 ppm sulfur	14	-	14	-	-	105	105
Greater than 500 ppm sulfur	-18	-	-18	-	-	-105	-105
Residual Fuel Oil	-46	-	-46	-	-	-	-
Less than 0.31 percent sulfur	-30	-	-30	-	-	-	-
0.31 to 1.00 percent sulfur	3	-	3	-	-	-	-
Greater than 1.00 percent sulfur	-19	-	-19	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	23	-	23	-	-	1	1
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	80,197	5,089	85,286	40,130	8,035	12,013	60,178
Processing Gain(-) or Loss(+) ¹	-3	0	-3	2	1	2	5

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	16,729	9,848	2,798	7,931	1,217	38,523	5,276	38,853	227,604
Reformulated	6,809	5,909	-	-	-	12,718	-	28,147	82,124
Reformulated Blended with Fuel Ethanol	6,809	5,908	-	-	-	12,717	-	28,147	82,123
Reformulated Other	-	1	-	-	-	1	-	-	1
Conventional	9,920	3,939	2,798	7,931	1,217	25,805	5,276	10,706	145,480
Conventional Blended with Fuel Ethanol	10,111	1,446	2,782	8,473	1,274	24,086	5,633	12,155	148,073
Ed55 and Lower	10,098	1,446	2,782	8,461	1,273	24,060	5,620	12,153	147,862
Greater than Ed55	13	-	-	12	1	26	13	2	211
Conventional Other	-191	2,493	16	-542	-57	1,719	-357	-1,449	-2,593
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	14	8	-	0	22	56	-25	-28
Kerosene	-	-15	1	-	-	-14	-	19	-11
Distillate Fuel Oil	20	182	-15	18	8	213	-45	425	1,224
15 ppm sulfur and under	20	182	-6	18	8	222	-45	410	1,222
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	119
Greater than 500 ppm sulfur	-	-	-9	-	-	-9	-	15	-117
Residual Fuel Oil	-	-133	-29	-	-	-162	-	0	-208
Less than 0.31 percent sulfur	-	-	12	-	-	12	-	9	-9
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-	3
Greater than 1.00 percent sulfur	-	-133	-41	-	-	-174	-	-9	-202
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	38	-	-	38	-	-	62
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	16,749	9,896	2,801	7,949	1,225	38,620	5,287	39,272	228,643
Processing Gain(-) or Loss(+) ¹	-1	1	0	-1	0	-1	-1	-1	-1

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, February 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	80,673	5,022	85,695	38,429	7,704	11,292	57,425
Reformulated	31,781	30	31,811	6,898	1,364	783	9,045
Reformulated Blended with Fuel Ethanol	31,781	30	31,811	6,898	1,364	783	9,045
Reformulated Other	-	-	-	-	-	-	-
Conventional	48,892	4,992	53,884	31,531	6,340	10,509	48,380
Conventional Blended with Fuel Ethanol	49,635	4,992	54,627	32,024	6,700	10,564	49,288
Ed55 and Lower	49,594	4,992	54,586	32,011	6,670	10,477	49,158
Greater than Ed55	41	-	41	13	30	87	130
Conventional Other	-743	-	-743	-493	-360	-55	-908
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-27	-	0	-27
Kerosene	-9	-	-9	-3	-	-	-3
Distillate Fuel Oil	432	42	474	91	29	33	153
15 ppm sulfur and under	429	42	471	91	29	33	153
Greater than 15 ppm to 500 ppm sulfur	27	-	27	-	-	117	117
Greater than 500 ppm sulfur	-24	-	-24	-	-	-117	-117
Residual Fuel Oil	-33	-	-33	-	-	-	-
Less than 0.31 percent sulfur	-34	-	-34	-	-	-	-
0.31 to 1.00 percent sulfur	-3	-	-3	-	-	-	-
Greater than 1.00 percent sulfur	4	-	4	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	0	-	0	-	-	2	2
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	81,063	5,064	86,127	38,490	7,733	11,327	57,550
Processing Gain(-) or Loss(+) ¹	-1	0	-1	3	0	0	3

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	15,520	9,650	2,819	7,695	1,126	36,810	5,149	38,765	223,844
Reformulated	5,982	5,779	-	-	-	11,761	-	28,124	80,741
Reformulated Blended with Fuel Ethanol	5,982	5,778	-	-	-	11,760	-	28,124	80,740
Reformulated Other	-	1	-	-	-	1	-	-	1
Conventional	9,538	3,871	2,819	7,695	1,126	25,049	5,149	10,641	143,103
Conventional Blended with Fuel Ethanol	9,688	1,395	2,802	8,207	1,177	23,269	5,485	12,101	144,770
Ed55 and Lower	9,679	1,395	2,802	8,193	1,176	23,245	5,472	12,098	144,559
Greater than Ed55	9	-	-	14	1	24	13	3	211
Conventional Other	-150	2,476	17	-512	-51	1,780	-336	-1,460	-1,667
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	16	8	-	0	24	55	-10	42
Kerosene	-	-16	-	-	-	-16	-	6	-22
Distillate Fuel Oil	16	36	-7	26	13	84	-46	391	1,056
15 ppm sulfur and under	16	36	-7	26	13	84	-46	377	1,039
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	144
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	14	-127
Residual Fuel Oil	-	-	-	-	-	-	-	0	-33
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-34
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-83	-86
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	83	87
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	2
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	15,536	9,686	2,820	7,721	1,139	36,902	5,158	39,152	224,889
Processing Gain(-) or Loss(+) ¹	-3	0	0	-1	1	-3	1	2	2

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, March 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	90,168	5,949	96,117	43,641	8,103	13,668	65,412
Reformulated	34,915	42	34,957	7,715	1,463	1,036	10,214
Reformulated Blended with Fuel Ethanol	34,915	42	34,957	7,715	1,463	1,036	10,214
Reformulated Other	-	-	-	-	-	-	-
Conventional	55,253	5,907	61,160	35,926	6,640	12,632	55,198
Conventional Blended with Fuel Ethanol	56,336	5,907	62,243	36,474	7,096	12,718	56,288
Ed55 and Lower	56,282	5,907	62,189	36,450	7,050	12,594	56,094
Greater than Ed55	54	-	54	24	46	124	194
Conventional Other	-1,083	-	-1,083	-548	-456	-86	-1,090
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-30	-	0	-30
Kerosene	-32	-	-32	-1	-	-	-1
Distillate Fuel Oil	432	48	480	120	51	45	216
15 ppm sulfur and under	430	48	478	120	51	47	218
Greater than 15 ppm to 500 ppm sulfur	26	-	26	-	-	115	115
Greater than 500 ppm sulfur	-24	-	-24	-	-	-117	-117
Residual Fuel Oil	-29	-	-29	-	-	-	-
Less than 0.31 percent sulfur	-22	-	-22	-	-	-	-
0.31 to 1.00 percent sulfur	-1	-	-1	-	-	-	-
Greater than 1.00 percent sulfur	-6	-	-6	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	7	-	7	-	-	4	4
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	90,546	5,997	96,543	43,730	8,154	13,717	65,601
Processing Gain(-) or Loss(+) ¹	-4	2	-2	1	2	-3	0

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,420	11,669	3,190	8,951	1,356	43,586	5,912	42,795	253,822
Reformulated	7,454	6,459	-	-	-	13,913	-	31,036	90,120
Reformulated Blended with Fuel Ethanol	7,452	6,457	-	-	-	13,909	-	31,036	90,116
Reformulated Other	2	2	-	-	-	4	-	-	4
Conventional	10,966	5,210	3,190	8,951	1,356	29,673	5,912	11,759	163,702
Conventional Blended with Fuel Ethanol	11,144	1,552	3,166	9,549	1,409	26,820	6,290	13,402	165,043
Ed55 and Lower	11,128	1,552	3,166	9,529	1,408	26,783	6,270	13,396	164,732
Greater than Ed55	16	-	-	20	1	37	20	6	311
Conventional Other	-178	3,658	24	-598	-53	2,853	-378	-1,643	-1,341
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	21	8	-	-1	28	63	-18	43
Kerosene	-	-23	1	-	-	-22	-	14	-41
Distillate Fuel Oil	21	48	-9	36	15	111	-43	509	1,273
15 ppm sulfur and under	21	48	-9	36	15	111	-43	499	1,263
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	141
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	10	-131
Residual Fuel Oil	-	-	-	-	-	-	-	0	-29
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	49	27
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-	-1
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	-49	-55
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	11
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	18,441	11,715	3,190	8,987	1,370	43,703	5,932	43,300	255,079
Processing Gain(-) or Loss(+) ¹	1	2	0	-2	1	2	1	-2	-1

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, April 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	87,515	5,788	93,303	42,994	7,890	13,477	64,361
Reformulated	34,079	51	34,130	7,523	1,423	951	9,897
Reformulated Blended with Fuel Ethanol	34,079	51	34,130	7,523	1,419	951	9,893
Reformulated Other	-	-	-	-	4	-	4
Conventional	53,436	5,737	59,173	35,471	6,467	12,526	54,464
Conventional Blended with Fuel Ethanol	54,503	5,737	60,240	35,991	6,846	12,581	55,418
Ed55 and Lower	54,443	5,737	60,180	35,967	6,803	12,448	55,218
Greater than Ed55	60	-	60	24	43	133	200
Conventional Other	-1,067	-	-1,067	-520	-379	-55	-954
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-26	-	0	-26
Kerosene	-28	-1	-29	-	-	-	-
Distillate Fuel Oil	354	54	408	113	120	52	285
15 ppm sulfur and under	357	54	411	113	120	52	285
Greater than 15 ppm to 500 ppm sulfur	1	-	1	-	-	124	124
Greater than 500 ppm sulfur	-4	-	-4	-	-	-124	-124
Residual Fuel Oil	12	-	12	-	-	-	-
Less than 0.31 percent sulfur	8	-	8	-	-	-	-
0.31 to 1.00 percent sulfur	4	-	4	-	-	-	-
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	2	-	1	3
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	87,853	5,841	93,694	43,083	8,010	13,530	64,623
Processing Gain(-) or Loss(+) ¹	-5	0	-5	3	0	2	5

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,172	11,115	3,086	8,643	1,253	42,269	5,464	41,300	246,697
Reformulated	7,287	6,659	-	-	-	13,946	-	29,857	87,830
Reformulated Blended with Fuel Ethanol	7,286	6,658	-	-	-	13,944	-	29,857	87,824
Reformulated Other	1	1	-	-	-	2	-	-	6
Conventional	10,885	4,456	3,086	8,643	1,253	28,323	5,464	11,443	158,867
Conventional Blended with Fuel Ethanol	11,056	1,522	3,061	9,214	1,305	26,158	5,765	13,130	160,711
Ed55 and Lower	11,042	1,522	3,061	9,196	1,304	26,125	5,742	13,125	160,390
Greater than Ed55	14	-	-	18	1	33	23	5	321
Conventional Other	-171	2,934	25	-571	-52	2,165	-301	-1,687	-1,844
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	20	11	-	0	31	48	-7	46
Kerosene	-	-20	1	-	-	-19	-	6	-42
Distillate Fuel Oil	27	53	-12	17	8	93	-29	487	1,244
15 ppm sulfur and under	27	53	-12	17	8	93	-29	481	1,241
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	125
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	6	-122
Residual Fuel Oil	-	-	-	-	-	-	-	0	12
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-9	-1
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-	4
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	9	9
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	3
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	18,199	11,168	3,086	8,660	1,261	42,374	5,483	41,786	247,960
Processing Gain(-) or Loss(+) ¹	-1	-2	-1	-6	-1	-11	2	-7	-16

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, May 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	93,040	6,136	99,176	45,544	9,040	14,539	69,123
Reformulated	35,820	39	35,859	7,896	1,487	1,068	10,451
Reformulated Blended with Fuel Ethanol	35,815	39	35,854	7,896	1,486	1,068	10,450
Reformulated Other	5	-	5	-	1	-	1
Conventional	57,220	6,097	63,317	37,648	7,553	13,471	58,672
Conventional Blended with Fuel Ethanol	57,573	6,097	63,670	38,222	7,899	13,511	59,632
Ed55 and Lower	57,496	6,097	63,593	38,193	7,852	13,352	59,397
Greater than Ed55	77	-	77	29	47	159	235
Conventional Other	-353	-	-353	-574	-346	-40	-960
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	1	-	1	-34	-1	0	-35
Kerosene	-16	-2	-18	-	-	-	-
Distillate Fuel Oil	270	59	329	133	166	60	359
15 ppm sulfur and under	268	59	327	133	166	61	360
Greater than 15 ppm to 500 ppm sulfur	5	-	5	-	-	114	114
Greater than 500 ppm sulfur	-3	-	-3	-	-	-115	-115
Residual Fuel Oil	-	-	-	-	-	-	-
Less than 0.31 percent sulfur	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	1	4	5
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	93,295	6,193	99,488	45,643	9,206	14,603	69,452
Processing Gain(-) or Loss(+) ¹	5	0	5	5	4	4	13

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	19,136	12,498	3,271	9,137	1,348	45,390	6,210	42,816	262,715
Reformulated	7,668	7,077	-	-	-	14,745	-	31,049	92,104
Reformulated Blended with Fuel Ethanol	7,664	7,076	-	-	-	14,740	-	31,049	92,093
Reformulated Other	4	1	-	-	-	5	-	-	11
Conventional	11,468	5,421	3,271	9,137	1,348	30,645	6,210	11,767	170,611
Conventional Blended with Fuel Ethanol	11,650	1,103	3,247	9,696	1,401	27,097	6,570	13,464	170,433
Ed55 and Lower	11,637	1,102	3,247	9,670	1,400	27,056	6,544	13,459	170,049
Greater than Ed55	13	1	-	26	1	41	26	5	384
Conventional Other	-182	4,318	24	-559	-53	3,548	-360	-1,697	178
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	18	18	-	0	36	34	1	37
Kerosene	-	-19	-	-	-	-19	-	4	-33
Distillate Fuel Oil	25	45	-72	28	9	35	-11	450	1,162
15 ppm sulfur and under	25	45	-18	28	9	89	-11	469	1,234
Greater than 15 ppm to 500 ppm sulfur	-	-	-54	-	-	-54	-	-	65
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	-19	-137
Residual Fuel Oil	-	-	0	-	-	0	-	26	26
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-22	-22
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-20	-20
Greater than 1.00 percent sulfur	-	-	0	-	-	0	-	68	68
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	5
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	19,161	12,542	3,217	9,165	1,357	45,442	6,233	43,297	263,912
Processing Gain(-) or Loss(+) ¹	-2	1	-2	0	0	-3	1	2	18

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, June 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	89,917	5,965	95,882	44,332	8,957	14,177	67,466
Reformulated	35,217	68	35,285	7,673	1,437	993	10,103
Reformulated Blended with Fuel Ethanol	35,210	68	35,278	7,673	1,436	993	10,102
Reformulated Other	7	-	7	-	1	-	1
Conventional	54,700	5,897	60,597	36,659	7,520	13,184	57,363
Conventional Blended with Fuel Ethanol	54,917	5,897	60,814	37,201	7,784	13,240	58,225
Ed55 and Lower	54,834	5,897	60,731	37,169	7,733	13,053	57,955
Greater than Ed55	83	-	83	32	51	187	270
Conventional Other	-217	-	-217	-542	-264	-56	-862
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	2	-	2	-25	-2	-2	-29
Kerosene	-4	-1	-5	-	-	-	-
Distillate Fuel Oil	215	55	270	121	149	59	329
15 ppm sulfur and under	215	55	270	121	149	61	331
Greater than 15 ppm to 500 ppm sulfur	27	-	27	-	-	100	100
Greater than 500 ppm sulfur	-27	-	-27	-	-	-102	-102
Residual Fuel Oil	0	-	0	-	-	-1	-1
Less than 0.31 percent sulfur	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-4	-	-4	-	-	-1	-1
Greater than 1.00 percent sulfur	4	-	4	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	2	9	11
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	90,130	6,019	96,149	44,428	9,106	14,242	67,776
Processing Gain(-) or Loss(+) ¹	-2	0	-2	1	3	3	7

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	17,713	10,070	3,116	8,741	1,335	40,975	5,974	41,159	251,456
Reformulated	7,331	6,670	-	-	-	14,001	-	29,572	88,961
Reformulated Blended with Fuel Ethanol	7,329	6,669	-	-	-	13,998	-	29,572	88,950
Reformulated Other	2	1	-	-	-	3	-	-	11
Conventional	10,382	3,400	3,116	8,741	1,335	26,974	5,974	11,587	162,495
Conventional Blended with Fuel Ethanol	10,557	1,015	3,090	9,279	1,379	25,320	6,332	13,171	163,862
Ed55 and Lower	10,541	1,014	3,090	9,250	1,378	25,273	6,302	13,164	163,425
Greater than Ed55	16	1	-	29	1	47	30	7	437
Conventional Other	-175	2,385	26	-538	-44	1,654	-358	-1,584	-1,367
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	22	17	-	-1	38	55	4	70
Kerosene	-	-24	1	-	-	-23	-	1	-27
Distillate Fuel Oil	21	47	-17	45	8	104	-36	459	1,126
15 ppm sulfur and under	21	47	-17	45	8	104	-36	456	1,125
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	127
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	3	-126
Residual Fuel Oil	-	-	-	-	-	-	-	0	-1
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-10	-10
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-1	-6
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	11	15
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	11
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	17,734	10,115	3,117	8,786	1,342	41,094	5,993	41,623	252,635
Processing Gain(-) or Loss(+) ¹	3	1	0	-9	0	-5	4	19	23

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, July 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	90,856	5,823	96,679	44,366	9,517	13,950	67,833
Reformulated	35,314	50	35,364	7,641	1,465	986	10,092
Reformulated Blended with Fuel Ethanol	35,311	50	35,361	7,641	1,464	986	10,091
Reformulated Other	3	-	3	-	1	-	1
Conventional	55,542	5,773	61,315	36,725	8,052	12,964	57,741
Conventional Blended with Fuel Ethanol	55,814	5,773	61,587	37,246	8,347	13,035	58,628
Ed55 and Lower	55,733	5,773	61,506	37,220	8,289	12,854	58,363
Greater than Ed55	81	-	81	26	58	181	265
Conventional Other	-272	-	-272	-521	-295	-71	-887
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-28	-2	-1	-31
Kerosene	-	-	-	-	-	-	-
Distillate Fuel Oil	182	45	227	130	152	56	338
15 ppm sulfur and under	186	45	231	130	152	58	340
Greater than 15 ppm to 500 ppm sulfur	3	-	3	-	-	104	104
Greater than 500 ppm sulfur	-7	-	-7	-	-	-106	-106
Residual Fuel Oil	7	-	7	-37	-	-	-37
Less than 0.31 percent sulfur	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-2	-	-2	-	-	-	-
Greater than 1.00 percent sulfur	9	-	9	-37	-	-	-37
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	37	2	5	44
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	91,045	5,868	96,913	44,468	9,669	14,010	68,147
Processing Gain(-) or Loss(+) ¹	-1	0	-1	1	0	0	1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	17,813	10,399	3,070	8,823	1,402	41,507	6,236	42,061	254,316
Reformulated	7,140	6,876	-	-	-	14,016	-	29,990	89,462
Reformulated Blended with Fuel Ethanol	7,139	6,876	-	-	-	14,015	-	29,990	89,457
Reformulated Other	1	-	-	-	-	1	-	-	5
Conventional	10,673	3,523	3,070	8,823	1,402	27,491	6,236	12,071	164,854
Conventional Blended with Fuel Ethanol	10,864	1,038	3,049	9,342	1,453	25,746	6,599	13,802	166,362
Ed55 and Lower	10,852	1,037	3,049	9,314	1,452	25,704	6,564	13,794	165,931
Greater than Ed55	12	1	-	28	1	42	35	8	431
Conventional Other	-191	2,485	21	-519	-51	1,745	-363	-1,731	-1,508
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	23	9	-	0	32	77	13	91
Kerosene	-	-23	-	-	-	-23	-	1	-22
Distillate Fuel Oil	13	56	-8	37	12	110	-57	441	1,059
15 ppm sulfur and under	13	56	-8	37	12	110	-57	438	1,062
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	107
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	3	-110
Residual Fuel Oil	-	-	-	-	-	-	-	0	-30
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-1	-3
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	1	-27
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	44
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	17,826	10,455	3,071	8,860	1,414	41,626	6,256	42,516	255,458
Processing Gain(-) or Loss(+) ¹	-1	0	1	-2	0	-2	2	9	9

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, August 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	93,394	6,217	99,611	45,527	9,523	14,416	69,466
Reformulated	35,985	49	36,034	7,670	1,477	1,222	10,369
Reformulated Blended with Fuel Ethanol	35,980	49	36,029	7,670	1,476	1,222	10,368
Reformulated Other	5	-	5	-	1	-	1
Conventional	57,409	6,168	63,577	37,857	8,046	13,194	59,097
Conventional Blended with Fuel Ethanol	57,738	6,168	63,906	38,398	8,338	13,266	60,002
Ed55 and Lower	57,657	6,168	63,825	38,365	8,282	13,087	59,734
Greater than Ed55	81	-	81	33	56	179	268
Conventional Other	-329	-	-329	-541	-292	-72	-905
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-20	-2	-2	-24
Kerosene	-	-	-	-1	-	-	-1
Distillate Fuel Oil	193	50	243	115	173	56	344
15 ppm sulfur and under	194	50	244	115	173	57	345
Greater than 15 ppm to 500 ppm sulfur	29	-	29	-	-	102	102
Greater than 500 ppm sulfur	-30	-	-30	-	-	-103	-103
Residual Fuel Oil	-3	-	-3	-	-	-	-
Less than 0.31 percent sulfur	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-3	-	-3	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	8	-	8	-	2	8	10
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	93,592	6,267	99,859	45,621	9,696	14,478	69,795
Processing Gain(-) or Loss(+) ¹	-3	0	-3	1	-1	-3	-3

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,343	11,180	3,068	8,924	1,402	42,917	6,507	43,624	262,125
Reformulated	7,442	6,823	-	-	-	14,265	-	31,441	92,109
Reformulated Blended with Fuel Ethanol	7,441	6,823	-	-	-	14,264	-	31,441	92,102
Reformulated Other	1	-	-	-	-	1	-	-	7
Conventional	10,901	4,357	3,068	8,924	1,402	28,652	6,507	12,183	170,016
Conventional Blended with Fuel Ethanol	11,082	1,059	3,050	9,456	1,456	26,103	6,908	13,955	170,874
Ed55 and Lower	11,066	1,058	3,050	9,429	1,455	26,058	6,875	13,948	170,440
Greater than Ed55	16	1	-	27	1	45	33	7	434
Conventional Other	-181	3,298	18	-532	-54	2,549	-401	-1,772	-858
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	31	5	-	0	36	104	11	127
Kerosene	-	-31	-	-	-	-31	-	-	-32
Distillate Fuel Oil	16	56	-6	21	8	95	-82	506	1,106
15 ppm sulfur and under	16	56	-6	21	8	95	-82	504	1,106
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	131
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	2	-131
Residual Fuel Oil	-	-	-72	-	-	-72	-	0	-75
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-1	-1
Greater than 1.00 percent sulfur	-	-	-72	-	-	-72	-	1	-74
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	72	-	-	72	-	-	90
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	18,359	11,236	3,067	8,945	1,410	43,017	6,529	44,141	263,341
Processing Gain(-) or Loss(+) ¹	0	0	0	-2	-1	-3	-2	6	-5

- = No Data Reported.
 Note: Refer to Appendix A for Refining District descriptions.
 Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."
¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, September 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	88,697	5,525	94,222	43,577	8,724	13,729	66,030
Reformulated	34,477	47	34,524	7,724	1,358	1,031	10,113
Reformulated Blended with Fuel Ethanol	34,472	47	34,519	7,724	1,357	1,031	10,112
Reformulated Other	5	-	5	-	1	-	1
Conventional	54,220	5,478	59,698	35,853	7,366	12,698	55,917
Conventional Blended with Fuel Ethanol	54,611	5,478	60,089	36,396	7,669	12,781	56,846
Ed55 and Lower	54,538	5,478	60,016	36,366	7,616	12,619	56,601
Greater than Ed55	73	-	73	30	53	162	245
Conventional Other	-391	-	-391	-543	-303	-83	-929
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-10	-	-2	-12
Kerosene	-	-	-	-1	-	-	-1
Distillate Fuel Oil	227	52	279	111	158	54	323
15 ppm sulfur and under	222	52	274	111	158	55	324
Greater than 15 ppm to 500 ppm sulfur	7	-	7	-	-	111	111
Greater than 500 ppm sulfur	-2	-	-2	-	-	-112	-112
Residual Fuel Oil	-2	-	-2	-	-	-1	-1
Less than 0.31 percent sulfur	0	-	0	-	-	-	-
0.31 to 1.00 percent sulfur	0	-	0	-	-	-1	-1
Greater than 1.00 percent sulfur	-2	-	-2	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	3	-	3	4	-	6	10
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	88,925	5,577	94,502	43,681	8,882	13,786	66,349
Processing Gain(-) or Loss(+) ¹	-2	0	-2	-2	2	-1	-1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	17,965	10,539	2,987	8,812	1,284	41,587	6,101	41,256	249,196
Reformulated	7,315	6,951	-	-	-	14,266	-	29,974	88,877
Reformulated Blended with Fuel Ethanol	7,311	6,949	-	-	-	14,260	-	29,974	88,865
Reformulated Other	4	2	-	-	-	6	-	-	12
Conventional	10,650	3,588	2,987	8,812	1,284	27,321	6,101	11,282	160,319
Conventional Blended with Fuel Ethanol	10,831	1,000	2,975	9,305	1,338	25,449	6,494	12,867	161,745
Ed55 and Lower	10,816	999	2,975	9,279	1,338	25,407	6,464	12,858	161,346
Greater than Ed55	15	1	-	26	-	42	30	9	399
Conventional Other	-181	2,588	12	-493	-54	1,872	-393	-1,585	-1,426
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	31	1	-	0	32	80	6	106
Kerosene	-	-31	-	-	-	-31	-	3	-29
Distillate Fuel Oil	16	61	-1	19	8	103	-65	454	1,094
15 ppm sulfur and under	16	61	-1	19	8	103	-65	450	1,086
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	118
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	4	-110
Residual Fuel Oil	-	-	-	-	-	-	-	0	-3
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	0
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-1	-2
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	1	-1
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	13
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	17,981	10,600	2,987	8,831	1,292	41,691	6,116	41,719	250,377
Processing Gain(-) or Loss(+) ¹	2	0	0	1	-1	2	5	3	7

- = No Data Reported.
 Note: Refer to Appendix A for Refining District descriptions.
 Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."
¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, October 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	91,384	5,751	97,135	44,781	8,750	14,059	67,590
Reformulated	35,675	67	35,742	7,941	1,381	1,108	10,430
Reformulated Blended with Fuel Ethanol	35,674	67	35,741	7,941	1,380	1,108	10,429
Reformulated Other	1	-	1	-	1	-	1
Conventional	55,709	5,684	61,393	36,840	7,369	12,951	57,160
Conventional Blended with Fuel Ethanol	56,430	5,686	62,116	37,420	7,715	13,003	58,138
Ed55 and Lower	56,350	5,686	62,036	37,387	7,660	12,837	57,884
Greater than Ed55	80	-	80	33	55	166	254
Conventional Other	-721	-2	-723	-580	-346	-52	-978
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-10	-2	0	-12
Kerosene	-	-	-	-18	-	-	-18
Distillate Fuel Oil	289	61	350	127	71	58	256
15 ppm sulfur and under	289	61	350	127	71	59	257
Greater than 15 ppm to 500 ppm sulfur	28	-	28	-	-	109	109
Greater than 500 ppm sulfur	-28	-	-28	-	-	-110	-110
Residual Fuel Oil	-7	-	-7	-	-	-1	-1
Less than 0.31 percent sulfur	-7	-	-7	-	-	-	-
0.31 to 1.00 percent sulfur	-1	-	-1	-	-	-1	-1
Greater than 1.00 percent sulfur	1	-	1	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	3	2	3	8
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	91,666	5,812	97,478	44,883	8,821	14,119	67,823
Processing Gain(-) or Loss(+) ¹	-1	0	-1	1	-2	-2	-3

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,723	10,881	3,020	8,893	1,398	42,915	6,147	42,512	256,299
Reformulated	7,543	7,008	-	-	-	14,551	-	30,775	91,498
Reformulated Blended with Fuel Ethanol	7,541	7,006	-	-	-	14,547	-	30,775	91,492
Reformulated Other	2	2	-	-	-	4	-	-	6
Conventional	11,180	3,873	3,020	8,893	1,398	28,364	6,147	11,737	164,801
Conventional Blended with Fuel Ethanol	11,428	1,040	3,012	9,396	1,459	26,335	6,578	13,365	166,532
Ed55 and Lower	11,417	1,039	3,012	9,370	1,458	26,296	6,548	13,355	166,119
Greater than Ed55	11	1	-	26	1	39	30	10	413
Conventional Other	-248	2,833	8	-503	-61	2,029	-431	-1,628	-1,731
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	35	-	-	0	35	66	-15	74
Kerosene	-	-35	-	-	-	-35	-	11	-42
Distillate Fuel Oil	17	65	-100	14	9	5	-55	474	1,030
15 ppm sulfur and under	17	65	-	14	9	105	-55	468	1,125
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	137
Greater than 500 ppm sulfur	-	-	-100	-	-	-100	-	6	-232
Residual Fuel Oil	-	-	-41	-	-	-41	-	-	-49
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-7
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-	-2
Greater than 1.00 percent sulfur	-	-	-41	-	-	-41	-	-	-40
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	41	-	-	41	-	-	49
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	18,740	10,946	2,920	8,907	1,407	42,920	6,158	42,982	257,361
Processing Gain(-) or Loss(+) ¹	-1	-1	-1	-1	0	-4	-1	4	-5

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, November 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	88,475	5,332	93,807	43,152	8,293	13,298	64,743
Reformulated	35,061	40	35,101	7,835	1,365	913	10,113
Reformulated Blended with Fuel Ethanol	35,060	40	35,100	7,835	1,358	913	10,106
Reformulated Other	1	-	1	-	7	-	7
Conventional	53,414	5,292	58,706	35,317	6,928	12,385	54,630
Conventional Blended with Fuel Ethanol	54,482	5,301	59,783	35,873	7,312	12,420	55,605
Ed55 and Lower	54,399	5,301	59,700	35,846	7,261	12,264	55,371
Greater than Ed55	83	-	83	27	51	156	234
Conventional Other	-1,068	-9	-1,077	-556	-384	-35	-975
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	0	-12	-	0	-12
Kerosene	-8	-	-8	-	-	-	-
Distillate Fuel Oil	328	61	389	95	33	44	172
15 ppm sulfur and under	331	61	392	95	33	45	173
Greater than 15 ppm to 500 ppm sulfur	1	-	1	-	-	108	108
Greater than 500 ppm sulfur	-4	-	-4	-	-	-109	-109
Residual Fuel Oil	-18	-	-18	-	-	-	-
Less than 0.31 percent sulfur	-14	-	-14	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-4	-	-4	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	7	-	7	4	-	1	5
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	88,784	5,393	94,177	43,239	8,326	13,343	64,908
Processing Gain(-) or Loss(+) ¹	0	0	0	1	1	-1	1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,157	11,565	2,852	8,520	1,324	42,418	5,776	40,002	246,746
Reformulated	7,179	6,525	-	-	-	13,704	-	28,957	87,875
Reformulated Blended with Fuel Ethanol	7,177	6,524	-	-	-	13,701	-	28,957	87,864
Reformulated Other	2	1	-	-	-	3	-	-	11
Conventional	10,978	5,040	2,852	8,520	1,324	28,714	5,776	11,045	158,871
Conventional Blended with Fuel Ethanol	11,145	1,005	2,842	8,999	1,381	25,372	5,993	12,719	159,472
Ed55 and Lower	11,134	1,004	2,842	8,978	1,380	25,338	5,965	12,711	159,085
Greater than Ed55	11	1	-	21	1	34	28	8	387
Conventional Other	-167	4,035	10	-479	-57	3,342	-217	-1,674	-601
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	32	5	-	-1	36	51	1	76
Kerosene	-	-32	1	-	-	-31	-	-	-39
Distillate Fuel Oil	13	52	-6	20	12	91	-32	433	1,053
15 ppm sulfur and under	13	52	-6	20	12	91	-32	426	1,050
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	109
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	7	-106
Residual Fuel Oil	-	-	-	-	-	-	-	0	-18
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-14
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-1	-1
Greater than 1.00 percent sulfur	-	-	-	-	-	-	-	1	-3
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	12
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	18,170	11,617	2,852	8,540	1,335	42,514	5,795	40,436	247,830
Processing Gain(-) or Loss(+) ¹	4	-1	1	4	0	8	-1	8	16

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 21. Blender Net Production of Petroleum Products by PAD Districts, December 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	90,689	5,504	96,193	43,350	8,135	13,196	64,681
Reformulated	35,863	54	35,917	8,055	1,350	877	10,282
Reformulated Blended with Fuel Ethanol	35,862	54	35,916	8,055	1,349	877	10,281
Reformulated Other	1	-	1	-	1	-	1
Conventional	54,826	5,450	60,276	35,295	6,785	12,319	54,399
Conventional Blended with Fuel Ethanol	55,543	5,459	61,002	35,782	7,129	12,387	55,298
Ed55 and Lower	55,475	5,459	60,934	35,758	7,084	12,243	55,085
Greater than Ed55	68	-	68	24	45	144	213
Conventional Other	-717	-9	-726	-487	-344	-68	-899
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	1	-	1	-8	-17	0	-25
Kerosene	-13	-	-13	-	-	-	-
Distillate Fuel Oil	459	58	517	80	44	38	162
15 ppm sulfur and under	458	58	516	80	44	38	162
Greater than 15 ppm to 500 ppm sulfur	26	-	26	-	-	101	101
Greater than 500 ppm sulfur	-25	-	-25	-	-	-101	-101
Residual Fuel Oil	-37	-	-37	-	-	-	-
Less than 0.31 percent sulfur	-25	-	-25	-	-	-	-
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-
Greater than 1.00 percent sulfur	-12	-	-12	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	12	-	12	1	-	-	1
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	91,111	5,562	96,673	43,423	8,162	13,234	64,819
Processing Gain(-) or Loss(+) ¹	-1	0	-1	1	0	2	3

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	18,359	10,573	2,915	8,546	1,288	41,681	5,809	40,299	248,663
Reformulated	7,308	6,878	-	-	-	14,186	-	29,375	89,760
Reformulated Blended with Fuel Ethanol	7,307	6,877	-	-	-	14,184	-	29,375	89,756
Reformulated Other	1	1	-	-	-	2	-	-	4
Conventional	11,051	3,695	2,915	8,546	1,288	27,495	5,809	10,924	158,903
Conventional Blended with Fuel Ethanol	11,283	1,022	2,904	9,073	1,349	25,631	5,970	12,570	160,471
Ed55 and Lower	11,271	1,021	2,904	9,052	1,348	25,596	5,947	12,562	160,124
Greater than Ed55	12	1	-	21	1	35	23	8	347
Conventional Other	-232	2,673	11	-527	-61	1,864	-161	-1,646	-1,568
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	35	7	-	0	42	68	-4	82
Kerosene	-	-35	1	-	-	-34	-	1	-46
Distillate Fuel Oil	14	50	-8	12	9	77	-52	428	1,132
15 ppm sulfur and under	14	50	-8	12	9	77	-52	418	1,121
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	127
Greater than 500 ppm sulfur	-	-	-	-	-	-	-	10	-116
Residual Fuel Oil	-	-	17	-	-	17	-	0	-20
Less than 0.31 percent sulfur	-	-	-	-	-	-	-	-	-25
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-1	-1
Greater than 1.00 percent sulfur	-	-	17	-	-	17	-	1	6
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-17	-	-	-17	-	-	-4
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	18,373	10,623	2,915	8,558	1,297	41,766	5,825	40,724	249,807
Processing Gain(-) or Loss(+) ¹	-1	-1	-1	2	0	-1	-1	2	2

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

¹ Represents the arithmetic difference between input and production.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,914	613	5,527	9,613	1,691	1,986	13,290
Petroleum Products	9,879	2,545	12,424	30,283	7,812	11,533	49,628
Hydrocarbon Gas Liquids	515	36	551	2,108	404	1,011	3,523
Natural Gas Liquids	239	36	275	1,735	381	932	3,048
Ethane	-	-	-	-	-	-	-
Propane	76	2	78	409	40	367	816
Normal Butane	123	19	142	920	289	153	1,362
Isobutane	40	15	55	287	52	208	547
Natural Gasoline	-	-	-	119	-	204	323
Refinery Olefins	276	0	276	373	23	79	475
Ethylene	-	-	-	-	-	-	-
Propylene	102	0	102	323	23	79	425
Normal Butylene	128	0	128	50	0	0	50
Isobutylene	46	0	46	0	0	0	0
Biofuels/Other Hydrocarbons	228	106	334	52	68	30	150
Biofuels (including Fuel Ethanol)	228	106	334	38	68	30	136
Fuel Ethanol	228	98	326	23	54	26	103
Biodiesel	-	8	8	15	14	4	33
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	14	-	-	14
Unfinished Oils	3,272	479	3,751	8,260	798	3,936	12,994
Naphthas and Lighter	460	310	770	2,456	161	1,322	3,939
Kerosene and Light Gas Oils	334	-	334	1,921	333	399	2,653
Heavy Gas Oils	1,814	163	1,977	2,575	304	1,254	4,133
Residuum	664	6	670	1,308	-	961	2,269
Motor Gasoline Blending Components (MGBC)	3,142	391	3,533	9,328	1,936	3,291	14,555
Reformulated - RBOB	1,265	-	1,265	1,293	-	-	1,293
Conventional	1,877	391	2,268	8,035	1,936	3,291	13,262
CBOB	60	360	420	3,306	1,181	2,213	6,700
GTAB	-	-	-	-	-	-	-
Other	1,817	31	1,848	4,729	755	1,078	6,562
Aviation Gasoline Blending Components	-	-	-	-	-	-	-
Finished Motor Gasoline	-	22	22	510	71	264	845
Reformulated	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	22	22	510	71	264	845
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	22	22	510	71	264	845
Finished Aviation Gasoline	-	-	-	-	53	-	53
Kerosene-Type Jet Fuel	546	-	546	1,410	285	359	2,054
Kerosene	67	6	73	127	-	18	145
Distillate Fuel Oil	1,046	199	1,245	3,484	1,075	1,737	6,296
15 ppm sulfur and under	866	136	1,002	3,359	948	1,538	5,845
Greater than 15 ppm to 500 ppm sulfur	46	37	83	-	1	73	74
Greater than 500 ppm sulfur	134	26	160	125	126	126	377
Residual Fuel Oil	249	22	271	592	183	80	855
Less than 0.31 percent sulfur	-	21	21	56	-	-	56
0.31 to 1.00 percent sulfur	88	1	89	118	58	31	207
Greater than 1.00 percent sulfur	161	-	161	418	125	49	592
Petrochemical Feedstocks	-	-	-	571	-	-	571
Naphtha for Petro. Feed. Use	-	-	-	458	-	-	458
Other Oils for Petro. Feed. Use	-	-	-	113	-	-	113
Special Naphthas	-	10	10	34	-	17	51
Lubricants	699	311	1,010	-	-	241	241
Waxes	-	232	232	-	-	38	38
Petroleum Coke	-	-	-	885	1,449	214	2,548
Marketable	-	-	-	885	1,449	214	2,548
Catalyst	-	-	-	-	-	-	-
Asphalt and Road Oil	103	694	797	2,832	1,454	291	4,577
Miscellaneous Products	12	37	49	90	36	6	132
Total Stocks, All Oils	14,793	3,158	17,951	39,896	9,503	13,519	62,918

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,383	26,156	13,076	1,063	336	43,014	2,542	22,146	86,519
Petroleum Products	10,198	60,743	40,559	4,045	1,129	116,674	11,128	48,104	237,958
Hydrocarbon Gas Liquids	2,101	1,889	1,285	8	38	5,321	450	1,529	11,374
Natural Gas Liquids	1,530	1,670	1,142	8	38	4,388	311	1,495	9,517
Ethane	18	2	—	—	—	20	—	—	20
Propane	334	435	79	3	3	854	30	99	1,877
Normal Butane	821	982	456	1	33	2,293	130	1,081	5,008
Isobutane	351	195	322	4	2	874	136	314	1,926
Natural Gasoline	6	56	285	—	—	347	15	1	686
Refinery Olefins	571	219	143	0	0	933	139	34	1,857
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	563	44	52	0	0	659	3	15	1,204
Normal Butylene	8	175	77	0	0	260	136	19	593
Isobutylene	0	0	14	0	0	14	0	0	60
Biofuels/Other Hydrocarbons	47	822	142	53	6	1,070	143	805	2,502
Biofuels (including Fuel Ethanol)	47	822	142	53	6	1,070	143	805	2,488
Fuel Ethanol	36	818	87	32	4	977	131	138	1,675
Biodiesel	11	4	55	21	2	93	12	1	147
Renewable Diesel Fuel	—	—	—	—	—	—	—	666	666
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	14
Unfinished Oils	2,834	22,660	13,080	1,015	520	40,109	2,779	17,146	76,779
Naphthas and Lighter	999	6,147	1,798	287	176	9,407	559	3,130	17,805
Kerosene and Light Gas Oils	545	3,823	1,909	240	126	6,643	531	2,741	12,902
Heavy Gas Oils	852	9,422	6,944	407	218	17,843	1,280	8,311	33,544
Residuum	438	3,268	2,429	81	—	6,216	409	2,964	12,528
Motor Gasoline Blending Components (MGBC)	2,964	12,315	10,930	339	225	26,773	3,652	13,784	62,297
Reformulated - RBOB	177	1,465	77	—	7	1,726	—	4,956	9,240
Conventional	2,787	10,850	10,853	339	218	25,047	3,652	8,828	53,057
CBOB	1,444	2,919	6,111	260	64	10,798	2,136	2,483	22,537
GTAB	—	—	—	—	—	—	—	—	—
Other	1,343	7,931	4,742	79	154	14,249	1,516	6,345	30,520
Aviation Gasoline Blending Components	16	—	15	—	—	31	—	—	31
Finished Motor Gasoline	89	2,177	880	55	—	3,201	925	686	5,679
Reformulated	—	—	—	—	—	—	—	14	14
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	14	14
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	89	2,177	880	55	—	3,201	925	672	5,665
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	51	—	51
Ed55 and Lower	—	—	—	—	—	—	51	—	51
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	89	2,177	880	55	—	3,201	874	672	5,614
Finished Aviation Gasoline	38	243	170	—	—	451	9	202	715
Kerosene-Type Jet Fuel	262	2,780	2,080	68	—	5,190	325	3,639	11,754
Kerosene	16	—	9	3	—	28	2	1	249
Distillate Fuel Oil	878	7,126	5,867	482	98	14,451	1,712	4,853	28,557
15 ppm sulfur and under	813	5,917	4,578	340	98	11,746	1,559	4,266	24,418
Greater than 15 ppm to 500 ppm sulfur	65	104	236	28	—	433	110	300	1,000
Greater than 500 ppm sulfur	—	1,105	1,053	114	—	2,272	43	287	3,139
Residual Fuel Oil	157	2,219	1,443	10	53	3,882	223	2,436	7,667
Less than 0.31 percent sulfur	35	—	68	—	—	103	23	37	240
0.31 to 1.00 percent sulfur	57	463	253	10	—	783	23	473	1,575
Greater than 1.00 percent sulfur	65	1,756	1,122	—	53	2,996	177	1,926	5,852
Petrochemical Feedstocks	120	1,360	528	4	—	2,012	—	—	2,583
Naphtha for Petro. Feed. Use	42	822	492	4	—	1,360	—	—	1,818
Other Oils for Petro. Feed. Use	78	538	36	—	—	652	—	—	765
Special Naphthas	69	1,003	—	133	—	1,205	—	46	1,312
Lubricants	37	2,304	2,381	1,002	—	5,724	—	832	7,807
Waxes	—	100	84	85	—	269	—	—	539
Petroleum Coke	89	3,204	1,031	—	—	4,324	201	1,280	8,353
Marketable	89	3,204	1,031	—	—	4,324	201	1,280	8,353
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	464	104	527	787	165	2,047	688	782	8,891
Miscellaneous Products	17	437	107	1	24	586	19	83	869
Total Stocks, All Oils	12,581	86,899	53,635	5,108	1,465	159,688	13,670	70,250	324,477

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,653	677	6,330	8,728	1,641	2,043	12,412
Petroleum Products	8,898	2,567	11,465	29,094	7,940	11,201	48,235
Hydrocarbon Gas Liquids	504	26	530	1,757	256	971	2,984
Natural Gas Liquids	308	26	334	1,413	236	930	2,579
Ethane	-	-	-	-	-	-	-
Propane	76	2	78	310	41	242	593
Normal Butane	175	16	191	690	158	133	981
Isobutane	57	8	65	323	37	253	613
Natural Gasoline	-	-	-	90	-	302	392
Refinery Olefins	196	0	196	344	20	41	405
Ethylene	-	-	-	-	-	-	-
Propylene	82	0	82	255	20	41	316
Normal Butylene	107	0	107	89	0	0	89
Isobutylene	7	0	7	0	0	0	0
Biofuels/Other Hydrocarbons	77	84	161	58	62	31	151
Biofuels (including Fuel Ethanol)	77	84	161	40	62	31	133
Fuel Ethanol	77	76	153	28	53	26	107
Biodiesel	-	8	8	12	9	5	26
Renewable Diesel Fuel	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	18	-	-	18
Unfinished Oils	2,727	453	3,180	7,554	637	3,865	12,056
Naphthas and Lighter	469	296	765	1,996	167	1,096	3,259
Kerosene and Light Gas Oils	258	-	258	1,652	304	380	2,336
Heavy Gas Oils	1,383	152	1,535	2,702	166	1,399	4,267
Residuum	617	5	622	1,204	-	990	2,194
Motor Gasoline Blending Components (MGBC)	2,808	428	3,236	8,947	2,104	3,261	14,312
Reformulated - RBOB	1,060	-	1,060	1,082	-	-	1,082
Conventional	1,748	428	2,176	7,865	2,104	3,261	13,230
CBOB	41	406	447	3,061	1,121	2,207	6,389
GTAB	-	-	-	-	-	-	-
Other	1,707	22	1,729	4,804	983	1,054	6,841
Aviation Gasoline Blending Components	-	-	-	-	-	-	-
Finished Motor Gasoline	-	23	23	448	51	261	760
Reformulated	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	23	23	448	51	261	760
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	23	23	448	51	261	760
Finished Aviation Gasoline	-	-	-	-	68	-	68
Kerosene-Type Jet Fuel	574	-	574	1,676	261	268	2,205
Kerosene	44	4	48	97	-	18	115
Distillate Fuel Oil	1,101	287	1,388	3,460	1,126	1,591	6,177
15 ppm sulfur and under	937	227	1,164	3,328	1,044	1,464	5,836
Greater than 15 ppm to 500 ppm sulfur	26	33	59	-	-	37	37
Greater than 500 ppm sulfur	138	27	165	132	82	90	304
Residual Fuel Oil	220	18	238	692	342	90	1,124
Less than 0.31 percent sulfur	-	17	17	93	-	-	93
0.31 to 1.00 percent sulfur	69	1	70	131	58	33	222
Greater than 1.00 percent sulfur	151	-	151	468	284	57	809
Petrochemical Feedstocks	-	-	-	612	-	-	612
Naphtha for Petro. Feed. Use	-	-	-	498	-	-	498
Other Oils for Petro. Feed. Use	-	-	-	114	-	-	114
Special Naphthas	-	14	14	59	-	20	79
Lubricants	707	278	985	-	-	239	2,399
Waxes	-	233	233	-	-	41	41
Petroleum Coke	-	-	-	1,114	1,561	209	2,884
Marketable	-	-	-	1,114	1,561	209	2,884
Catalyst	-	-	-	-	-	-	-
Asphalt and Road Oil	126	681	807	2,533	1,439	329	4,301
Miscellaneous Products	10	38	48	87	33	7	127
Total Stocks, All Oils	14,551	3,244	17,795	37,822	9,581	13,244	60,647

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, February 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,092	25,645	13,043	1,021	295	42,096	2,521	21,854	85,213
Petroleum Products	10,072	61,198	42,730	4,006	1,036	119,042	10,866	47,392	237,000
Hydrocarbon Gas Liquids	1,926	1,563	1,073	16	20	4,598	580	1,476	10,168
Natural Gas Liquids	1,201	1,309	973	13	20	3,516	336	1,406	8,171
Ethane	21	1	—	—	—	22	—	—	22
Propane	182	263	87	2	4	538	39	105	1,353
Normal Butane	605	771	525	7	14	1,922	156	879	4,129
Isobutane	387	214	280	4	2	887	125	419	2,109
Natural Gasoline	6	60	81	—	—	147	16	3	558
Refinery Olefins	725	254	100	3	0	1,082	244	70	1,997
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	669	52	39	2	0	762	2	16	1,178
Normal Butylene	56	202	50	1	0	309	242	54	801
Isobutylene	0	0	11	0	0	11	0	0	18
Biofuels/Other Hydrocarbons	43	763	143	87	4	1,040	140	968	2,460
Biofuels (including Fuel Ethanol)	43	763	143	87	4	1,040	140	968	2,442
Fuel Ethanol	35	755	91	31	2	914	129	135	1,438
Biodiesel	8	8	52	56	2	126	11	1	172
Renewable Diesel Fuel	—	—	—	—	—	—	—	832	832
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	18
Unfinished Oils	2,878	23,888	14,824	931	510	43,031	2,781	17,770	78,818
Naphthas and Lighter	1,212	6,501	1,839	210	143	9,905	600	3,239	17,768
Kerosene and Light Gas Oils	508	3,481	2,166	235	112	6,502	422	3,492	13,010
Heavy Gas Oils	629	10,196	7,883	403	255	19,366	1,427	8,285	34,880
Residuum	529	3,710	2,936	83	—	7,258	332	2,754	13,160
Motor Gasoline Blending Components (MGBC)	2,805	12,440	11,377	304	241	27,167	3,375	13,018	61,108
Reformulated - RBOB	178	1,203	108	—	7	1,496	—	4,367	8,005
Conventional	2,627	11,237	11,269	304	234	25,671	3,375	8,651	53,103
CBOB	1,373	3,136	6,278	231	63	11,081	1,785	2,604	22,306
GTAB	—	—	—	—	—	—	—	—	—
Other	1,254	8,101	4,991	73	171	14,590	1,590	6,047	30,797
Aviation Gasoline Blending Components	22	—	15	—	—	37	—	—	37
Finished Motor Gasoline	89	2,087	1,448	63	—	3,687	851	697	6,018
Reformulated	—	—	—	—	—	—	—	14	14
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	14	14
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	89	2,087	1,448	63	—	3,687	851	683	6,004
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	51	—	51
Ed55 and Lower	—	—	—	—	—	—	51	—	51
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	89	2,087	1,448	63	—	3,687	800	683	5,953
Finished Aviation Gasoline	32	273	90	—	—	395	9	186	658
Kerosene-Type Jet Fuel	322	2,748	1,890	74	—	5,034	322	3,243	11,378
Kerosene	25	—	9	2	—	36	2	2	203
Distillate Fuel Oil	967	7,980	5,999	431	46	15,423	1,694	4,943	29,625
15 ppm sulfur and under	945	6,612	4,918	296	46	12,817	1,538	4,384	25,739
Greater than 15 ppm to 500 ppm sulfur	22	104	239	29	—	394	93	275	858
Greater than 500 ppm sulfur	—	1,264	842	106	—	2,212	63	284	3,028
Residual Fuel Oil	147	2,211	1,354	6	46	3,764	251	2,388	7,765
Less than 0.31 percent sulfur	18	—	31	—	—	49	22	19	200
0.31 to 1.00 percent sulfur	59	571	236	6	—	872	38	226	1,428
Greater than 1.00 percent sulfur	70	1,640	1,087	—	46	2,843	191	2,143	6,137
Petrochemical Feedstocks	116	1,291	621	4	—	2,032	—	—	2,644
Naphtha for Petro. Feed. Use	37	896	597	4	—	1,534	—	—	2,032
Other Oils for Petro. Feed. Use	79	395	24	—	—	498	—	—	612
Special Naphthas	73	633	—	122	—	828	—	26	947
Lubricants	51	2,385	2,176	1,040	—	5,652	—	805	7,681
Waxes	—	92	80	89	—	261	—	—	535
Petroleum Coke	79	2,501	1,244	—	—	3,824	204	1,233	8,145
Marketable	79	2,501	1,244	—	—	3,824	204	1,233	8,145
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	485	117	314	836	146	1,898	636	548	8,190
Miscellaneous Products	12	226	73	1	23	335	21	89	620
Total Stocks, All Oils	12,164	86,843	55,773	5,027	1,331	161,138	13,387	69,246	322,213

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,898	602	5,500	9,354	1,822	1,948	13,124
Petroleum Products	9,423	2,397	11,820	29,269	8,410	10,658	48,337
Hydrocarbon Gas Liquids	590	39	629	1,553	244	811	2,608
Natural Gas Liquids	357	39	396	1,260	231	804	2,295
Ethane	—	—	—	—	—	—	—
Propane	83	3	86	316	35	273	624
Normal Butane	195	26	221	544	154	143	841
Isobutane	79	10	89	301	42	221	564
Natural Gasoline	—	—	—	99	—	167	266
Refinery Olefins	233	0	233	293	13	7	313
Ethylene	—	—	—	—	—	—	—
Propylene	103	0	103	271	13	7	291
Normal Butylene	104	0	104	22	0	0	22
Isobutylene	26	0	26	0	0	0	0
Biofuels/Other Hydrocarbons	110	94	204	39	54	29	122
Biofuels (including Fuel Ethanol)	110	94	204	30	54	29	113
Fuel Ethanol	110	87	197	24	49	26	99
Biodiesel	—	7	7	6	5	3	14
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	9	—	—	9
Unfinished Oils	3,322	446	3,768	8,438	623	4,095	13,156
Naphthas and Lighter	648	233	881	2,307	178	1,373	3,858
Kerosene and Light Gas Oils	440	—	440	1,482	293	370	2,145
Heavy Gas Oils	1,490	209	1,699	3,393	152	1,468	5,013
Residuum	744	4	748	1,256	—	884	2,140
Motor Gasoline Blending Components (MGBC)	2,779	362	3,141	8,900	2,067	2,950	13,917
Reformulated - RBOB	858	—	858	988	—	—	988
Conventional	1,921	362	2,283	7,912	2,067	2,950	12,929
CBOB	204	333	537	3,290	1,383	2,012	6,685
GTAB	—	—	—	—	—	—	—
Other	1,717	29	1,746	4,622	684	938	6,244
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	29	29	590	88	171	849
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	29	29	590	88	171	849
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	29	29	590	88	171	849
Finished Aviation Gasoline	—	—	—	—	48	—	48
Kerosene-Type Jet Fuel	421	—	421	1,480	285	228	1,993
Kerosene	107	2	109	75	—	16	91
Distillate Fuel Oil	1,074	297	1,371	3,395	1,057	1,622	6,074
15 ppm sulfur and under	831	232	1,063	3,243	954	1,366	5,563
Greater than 15 ppm to 500 ppm sulfur	76	42	118	—	—	111	111
Greater than 500 ppm sulfur	167	23	190	152	103	145	400
Residual Fuel Oil	265	17	282	522	251	83	856
Less than 0.31 percent sulfur	—	16	16	61	—	—	61
0.31 to 1.00 percent sulfur	61	1	62	87	41	29	157
Greater than 1.00 percent sulfur	204	—	204	374	210	54	638
Petrochemical Feedstocks	—	—	—	546	—	—	546
Naphtha for Petro. Feed. Use	—	—	—	453	—	—	453
Other Oils for Petro. Feed. Use	—	—	—	93	—	—	93
Special Naphthas	—	19	19	61	—	14	75
Lubricants	594	232	826	—	—	162	162
Waxes	—	227	227	—	—	39	39
Petroleum Coke	—	—	—	921	1,949	198	3,068
Marketable	—	—	—	921	1,949	198	3,068
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	153	581	734	2,674	1,718	233	4,625
Miscellaneous Products	8	52	60	75	26	7	108
Total Stocks, All Oils	14,321	2,999	17,320	38,623	10,232	12,606	61,461

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, March 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,046	24,211	13,609	1,100	320	41,286	2,607	18,556	81,073
Petroleum Products	9,435	60,082	42,539	3,883	1,037	116,976	10,276	50,116	237,525
Hydrocarbon Gas Liquids	2,154	1,518	1,252	16	24	4,964	572	1,495	10,268
Natural Gas Liquids	1,589	1,315	1,105	16	24	4,049	375	1,453	8,568
Ethane	17	—	—	—	—	17	—	—	17
Propane	326	283	61	3	2	675	51	105	1,541
Normal Butane	781	762	436	7	21	2,007	205	935	4,209
Isobutane	459	219	281	6	1	966	107	411	2,137
Natural Gasoline	6	51	327	—	—	384	12	2	664
Refinery Olefins	565	203	147	0	0	915	197	42	1,700
Ethylene	0	—	—	—	—	0	—	—	0
Propylene	529	54	80	0	0	663	2	12	1,071
Normal Butylene	36	149	56	0	0	241	195	30	592
Isobutylene	0	0	11	0	0	11	0	0	37
Biofuels/Other Hydrocarbons	44	1,001	132	69	5	1,251	131	907	2,615
Biofuels (including Fuel Ethanol)	44	1,001	132	69	5	1,251	131	907	2,606
Fuel Ethanol	34	982	89	31	4	1,140	120	181	1,737
Biodiesel	10	19	43	38	1	111	11	4	147
Renewable Diesel Fuel	—	—	—	—	—	—	—	722	722
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	9
Unfinished Oils	2,585	22,929	14,459	1,044	478	41,495	2,694	19,008	80,121
Naphthas and Lighter	1,209	6,325	1,974	251	163	9,922	633	2,867	18,161
Kerosene and Light Gas Oils	340	3,391	2,015	232	102	6,080	459	3,886	13,010
Heavy Gas Oils	605	10,396	7,656	508	213	19,378	1,219	8,914	36,223
Residuum	431	2,817	2,814	53	—	6,115	383	3,341	12,727
Motor Gasoline Blending Components (MGBC)	2,344	12,772	10,724	290	229	26,359	3,282	14,616	61,315
Reformulated - RBOB	172	1,506	483	—	11	2,172	—	5,177	9,195
Conventional	2,172	11,266	10,241	290	218	24,187	3,282	9,439	52,120
CBOB	1,147	3,557	5,396	213	51	10,364	1,792	2,579	21,957
GTAB	—	—	—	—	—	—	—	—	—
Other	1,025	7,709	4,845	77	167	13,823	1,490	6,860	30,163
Aviation Gasoline Blending Components	19	—	11	—	—	30	—	—	30
Finished Motor Gasoline	130	1,677	1,468	43	—	3,318	848	615	5,659
Reformulated	—	—	—	—	—	—	—	26	26
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	26	26
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	130	1,677	1,468	43	—	3,318	848	589	5,633
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	63	—	63
Ed55 and Lower	—	—	—	—	—	—	63	—	63
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	130	1,677	1,468	43	—	3,318	785	589	5,570
Finished Aviation Gasoline	42	204	157	—	—	403	6	171	628
Kerosene-Type Jet Fuel	391	2,872	1,936	63	—	5,262	270	3,413	11,359
Kerosene	15	—	9	2	—	26	2	1	229
Distillate Fuel Oil	854	8,219	6,629	448	82	16,232	1,550	5,523	30,750
15 ppm sulfur and under	808	6,695	5,352	330	82	13,267	1,376	4,825	26,094
Greater than 15 ppm to 500 ppm sulfur	46	119	483	14	—	662	123	287	1,301
Greater than 500 ppm sulfur	—	1,405	794	104	—	2,303	51	411	3,355
Residual Fuel Oil	153	2,256	1,414	16	46	3,885	228	1,666	6,917
Less than 0.31 percent sulfur	15	—	8	—	—	23	27	36	163
0.31 to 1.00 percent sulfur	62	773	233	16	—	1,084	24	276	1,603
Greater than 1.00 percent sulfur	76	1,483	1,173	—	46	2,778	177	1,354	5,151
Petrochemical Feedstocks	111	1,316	447	4	—	1,878	—	—	2,424
Naphtha for Petro. Feed. Use	32	802	422	4	—	1,260	—	—	1,713
Other Oils for Petro. Feed. Use	79	514	25	—	—	618	—	—	711
Special Naphthas	81	627	—	118	—	826	—	60	980
Lubricants	31	2,198	2,138	876	—	5,243	—	667	6,898
Waxes	—	87	74	83	—	244	—	—	510
Petroleum Coke	9	2,075	1,032	—	—	3,116	93	1,257	7,534
Marketable	9	2,075	1,032	—	—	3,116	93	1,257	7,534
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	435	121	568	810	153	2,087	586	642	8,674
Miscellaneous Products	37	210	89	1	20	357	14	75	614
Total Stocks, All Oils	11,481	84,293	56,148	4,983	1,357	158,262	12,883	68,672	318,598

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,434	723	6,157	8,093	1,796	2,085	11,974
Petroleum Products	10,017	2,068	12,085	28,094	7,693	10,673	46,460
Hydrocarbon Gas Liquids	500	50	550	1,843	264	800	2,907
Natural Gas Liquids	324	50	374	1,560	231	792	2,583
Ethane	—	—	—	—	—	—	—
Propane	84	5	89	363	39	198	600
Normal Butane	183	34	217	839	150	161	1,150
Isobutane	57	11	68	253	42	191	486
Natural Gasoline	—	—	—	105	—	242	347
Refinery Olefins	176	0	176	283	33	8	324
Ethylene	—	—	—	—	—	—	—
Propylene	114	0	114	250	18	8	276
Normal Butylene	50	0	50	33	15	0	48
Isobutylene	12	0	12	0	0	0	0
Biofuels/Other Hydrocarbons	107	105	212	41	63	25	129
Biofuels (including Fuel Ethanol)	107	105	212	30	63	25	118
Fuel Ethanol	107	97	204	25	50	24	99
Biodiesel	—	8	8	5	13	1	19
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	11	—	—	11
Unfinished Oils	3,808	466	4,274	8,160	732	4,691	13,583
Naphthas and Lighter	834	279	1,113	1,906	161	1,468	3,535
Kerosene and Light Gas Oils	586	—	586	1,546	274	595	2,415
Heavy Gas Oils	1,531	181	1,712	3,329	297	1,444	5,070
Residuum	857	6	863	1,379	—	1,184	2,563
Motor Gasoline Blending Components (MGBC)	2,773	166	2,939	7,877	1,606	2,567	12,050
Reformulated - RBOB	680	—	680	891	—	—	891
Conventional	2,093	166	2,259	6,986	1,606	2,567	11,159
CBOB	260	112	372	3,108	921	1,668	5,697
GTAB	—	—	—	—	—	—	—
Other	1,833	54	1,887	3,878	685	899	5,462
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	27	27	415	101	209	725
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	27	27	415	101	209	725
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	27	27	415	101	209	725
Finished Aviation Gasoline	—	—	—	—	65	—	65
Kerosene-Type Jet Fuel	428	—	428	1,421	283	242	1,946
Kerosene	149	2	151	67	—	13	80
Distillate Fuel Oil	1,154	268	1,422	3,465	844	1,538	5,847
15 ppm sulfur and under	903	187	1,090	3,370	824	1,382	5,576
Greater than 15 ppm to 500 ppm sulfur	88	52	140	—	—	91	91
Greater than 500 ppm sulfur	163	29	192	95	20	65	180
Residual Fuel Oil	320	18	338	624	233	88	945
Less than 0.31 percent sulfur	—	17	17	48	—	—	48
0.31 to 1.00 percent sulfur	83	1	84	128	53	28	209
Greater than 1.00 percent sulfur	237	—	237	448	180	60	688
Petrochemical Feedstocks	—	—	—	498	—	—	498
Naphtha for Petro. Feed. Use	—	—	—	397	—	—	397
Other Oils for Petro. Feed. Use	—	—	—	101	—	—	101
Special Naphthas	—	21	21	70	—	14	84
Lubricants	599	234	833	—	—	95	95
Waxes	—	200	200	—	—	28	28
Petroleum Coke	—	—	—	788	1,715	229	2,732
Marketable	—	—	—	788	1,715	229	2,732
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	171	463	634	2,756	1,766	127	4,649
Miscellaneous Products	8	48	56	69	21	7	97
Total Stocks, All Oils	15,451	2,791	18,242	36,187	9,489	12,758	58,434

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, April 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,078	26,329	14,188	1,176	292	44,063	2,497	20,132	84,823
Petroleum Products	10,069	61,671	40,419	3,898	1,289	117,346	10,492	46,794	233,177
Hydrocarbon Gas Liquids	2,631	1,561	1,410	10	48	5,660	507	1,436	11,060
Natural Gas Liquids	2,162	1,416	1,102	10	48	4,738	330	1,413	9,438
Ethane	17	9	—	—	—	26	—	—	26
Propane	456	357	65	2	3	883	54	105	1,731
Normal Butane	1,081	802	509	4	43	2,439	140	908	4,854
Isobutane	602	212	299	4	2	1,119	114	398	2,185
Natural Gasoline	6	36	229	—	—	271	22	2	642
Refinery Olefins	469	145	308	0	0	922	177	23	1,622
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	461	55	72	0	0	588	2	11	991
Normal Butylene	8	90	225	0	0	323	175	12	608
Isobutylene	0	0	11	0	0	11	0	0	23
Biofuels/Other Hydrocarbons	47	613	135	63	6	864	144	912	2,261
Biofuels (including Fuel Ethanol)	47	613	135	63	6	864	144	912	2,250
Fuel Ethanol	37	590	56	39	4	726	137	128	1,294
Biodiesel	10	23	79	24	2	138	7	3	175
Renewable Diesel Fuel	—	—	—	—	—	—	—	781	781
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	11
Unfinished Oils	2,871	23,728	13,261	1,005	647	41,512	3,113	17,336	79,818
Naphthas and Lighter	911	6,423	1,749	246	256	9,585	797	2,662	17,692
Kerosene and Light Gas Oils	530	3,765	1,876	186	150	6,507	503	3,329	13,340
Heavy Gas Oils	772	10,296	6,630	521	241	18,460	1,488	8,475	35,205
Residuum	658	3,244	3,006	52	—	6,960	325	2,870	13,581
Motor Gasoline Blending Components (MGBC)	2,306	13,672	10,753	266	275	27,272	3,186	12,985	58,432
Reformulated - RBOB	133	1,492	740	—	6	2,371	—	4,900	8,842
Conventional	2,173	12,180	10,013	266	269	24,901	3,186	8,085	49,590
CBOB	1,257	3,911	5,083	194	65	10,510	1,729	2,099	20,407
GTAB	—	—	—	—	—	—	—	—	—
Other	916	8,269	4,930	72	204	14,391	1,457	5,986	29,183
Aviation Gasoline Blending Components	14	—	9	—	—	23	—	—	23
Finished Motor Gasoline	140	1,938	1,194	48	—	3,320	779	589	5,440
Reformulated	—	—	—	—	—	—	—	25	25
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	25	25
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	140	1,938	1,194	48	—	3,320	779	564	5,415
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	58	—	58
Ed55 and Lower	—	—	—	—	—	—	58	—	58
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	140	1,938	1,194	48	—	3,320	721	564	5,357
Finished Aviation Gasoline	41	148	133	—	—	322	5	160	552
Kerosene-Type Jet Fuel	295	3,206	1,600	95	—	5,196	276	3,560	11,406
Kerosene	21	45	8	2	—	76	2	3	312
Distillate Fuel Oil	812	7,921	5,886	453	58	15,130	1,612	4,734	28,745
15 ppm sulfur and under	751	6,487	4,777	273	58	12,346	1,381	4,075	24,468
Greater than 15 ppm to 500 ppm sulfur	61	152	430	37	—	680	164	351	1,426
Greater than 500 ppm sulfur	—	1,282	679	143	—	2,104	67	308	2,851
Residual Fuel Oil	144	2,602	1,376	13	73	4,208	202	2,060	7,753
Less than 0.31 percent sulfur	16	—	59	—	—	75	12	32	184
0.31 to 1.00 percent sulfur	59	816	254	13	—	1,142	34	274	1,743
Greater than 1.00 percent sulfur	69	1,786	1,063	—	73	2,991	156	1,754	5,826
Petrochemical Feedstocks	112	1,427	572	4	—	2,115	—	—	2,613
Naphtha for Petro. Feed. Use	34	795	564	4	—	1,397	—	—	1,794
Other Oils for Petro. Feed. Use	78	632	8	—	—	718	—	—	819
Special Naphthas	59	600	—	105	—	764	—	16	885
Lubricants	48	1,918	2,164	858	—	4,988	—	609	6,525
Waxes	—	99	93	90	—	282	—	—	510
Petroleum Coke	14	1,809	1,189	—	—	3,012	60	1,483	7,287
Marketable	14	1,809	1,189	—	—	3,012	60	1,483	7,287
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	458	165	556	885	158	2,222	586	834	8,925
Miscellaneous Products	56	219	80	1	24	380	20	77	630
Total Stocks, All Oils	12,147	88,000	54,607	5,074	1,581	161,409	12,989	66,926	318,000

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,553	686	5,239	9,399	1,630	1,992	13,021
Petroleum Products	9,573	2,168	11,741	29,061	8,426	10,528	48,015
Hydrocarbon Gas Liquids	467	39	506	2,174	451	740	3,365
Natural Gas Liquids	290	39	329	1,840	423	729	2,992
Ethane	—	—	—	—	—	—	—
Propane	84	2	86	441	35	186	662
Normal Butane	167	24	191	1,006	347	100	1,453
Isobutane	39	13	52	217	41	192	450
Natural Gasoline	—	—	—	176	—	251	427
Refinery Olefins	177	0	177	334	28	11	373
Ethylene	—	—	—	—	—	—	—
Propylene	104	0	104	250	17	11	278
Normal Butylene	1	0	1	84	11	0	95
Isobutylene	72	0	72	0	0	0	0
Biofuels/Other Hydrocarbons	147	95	242	47	56	31	134
Biofuels (including Fuel Ethanol)	147	95	242	27	56	31	114
Fuel Ethanol	147	88	235	22	46	28	96
Biodiesel	—	7	7	5	10	3	18
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	20	—	—	20
Unfinished Oils	3,283	406	3,689	8,776	774	4,187	13,737
Naphthas and Lighter	742	248	990	2,017	214	1,284	3,515
Kerosene and Light Gas Oils	389	—	389	1,519	270	311	2,100
Heavy Gas Oils	1,441	152	1,593	3,695	290	1,431	5,416
Residuum	711	6	717	1,545	—	1,161	2,706
Motor Gasoline Blending Components (MGBC)	2,836	239	3,075	8,162	1,762	2,739	12,663
Reformulated - RBOB	845	—	845	882	—	—	882
Conventional	1,991	239	2,230	7,280	1,762	2,739	11,781
CBOB	285	182	467	2,791	1,094	1,772	5,657
GTAB	—	—	—	—	—	—	—
Other	1,706	57	1,763	4,489	668	967	6,124
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	28	28	366	93	157	616
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	28	28	366	93	157	616
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	—	28	366	93	157	616
Finished Aviation Gasoline	—	—	—	—	68	—	68
Kerosene-Type Jet Fuel	625	—	625	1,408	301	323	2,032
Kerosene	149	2	151	50	—	10	60
Distillate Fuel Oil	1,198	268	1,466	3,198	972	1,574	5,744
15 ppm sulfur and under	924	166	1,090	3,071	949	1,390	5,410
Greater than 15 ppm to 500 ppm sulfur	73	70	143	—	—	71	71
Greater than 500 ppm sulfur	201	32	233	127	23	113	263
Residual Fuel Oil	203	25	228	725	180	96	1,001
Less than 0.31 percent sulfur	—	23	23	50	—	—	50
0.31 to 1.00 percent sulfur	47	2	49	216	41	29	286
Greater than 1.00 percent sulfur	156	—	156	459	139	67	665
Petrochemical Feedstocks	—	—	—	492	—	—	492
Naphtha for Petro. Feed. Use	—	—	—	371	—	—	371
Other Oils for Petro. Feed. Use	—	—	—	121	—	—	121
Special Naphthas	—	18	18	72	—	15	87
Lubricants	526	249	775	—	—	139	139
Waxes	—	188	188	—	—	40	40
Petroleum Coke	—	—	—	788	1,814	273	2,875
Marketable	—	—	—	788	1,814	273	2,875
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	129	582	711	2,728	1,936	198	4,862
Miscellaneous Products	10	29	39	75	19	6	100
Total Stocks, All Oils	14,126	2,854	16,980	38,460	10,056	12,520	61,036

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, May 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,969	25,125	16,044	1,162	207	44,507	2,830	18,268	83,865
Petroleum Products	10,084	59,956	42,134	4,022	1,132	117,328	9,438	50,642	237,164
Hydrocarbon Gas Liquids	2,831	1,733	1,245	12	67	5,888	477	1,434	11,670
Natural Gas Liquids	2,246	1,575	1,003	11	67	4,902	361	1,412	9,996
Ethane	16	9	—	—	—	25	—	—	25
Propane	411	470	71	2	3	957	47	87	1,839
Normal Butane	1,247	829	515	5	61	2,657	199	939	5,439
Isobutane	566	225	280	4	3	1,078	100	383	2,063
Natural Gasoline	6	42	137	—	—	185	15	3	630
Refinery Olefins	585	158	242	1	0	986	116	22	1,674
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	579	54	64	1	0	698	3	11	1,094
Normal Butylene	6	104	160	0	0	270	113	11	490
Isobutylene	0	0	18	0	0	18	0	0	90
Biofuels/Other Hydrocarbons	40	867	162	48	7	1,124	150	1,050	2,700
Biofuels (including Fuel Ethanol)	40	867	162	48	7	1,124	150	1,050	2,680
Fuel Ethanol	33	836	81	30	4	984	143	71	1,529
Biodiesel	7	31	81	18	3	140	7	4	176
Renewable Diesel Fuel	—	—	—	—	—	—	—	975	975
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	20
Unfinished Oils	2,682	22,289	14,654	1,094	556	41,275	3,046	19,371	81,118
Naphthas and Lighter	901	5,953	1,947	295	253	9,349	847	3,049	17,750
Kerosene and Light Gas Oils	432	3,648	2,296	267	103	6,746	467	3,588	13,290
Heavy Gas Oils	671	9,876	7,905	505	200	19,157	1,354	10,087	37,607
Residuum	678	2,812	2,506	27	—	6,023	378	2,647	12,471
Motor Gasoline Blending Components (MGBC)	2,257	13,000	10,643	284	201	26,385	2,478	13,592	58,193
Reformulated - RBOB	195	1,270	455	—	25	1,945	—	4,620	8,292
Conventional	2,062	11,730	10,188	284	176	24,440	2,478	8,972	49,901
CBOB	1,116	3,687	5,415	220	43	10,481	1,341	2,699	20,645
GTAB	—	—	—	—	—	—	—	—	—
Other	946	8,043	4,773	64	133	13,959	1,137	6,273	29,256
Aviation Gasoline Blending Components	15	—	18	—	—	33	—	—	33
Finished Motor Gasoline	158	2,033	1,305	24	—	3,520	609	669	5,442
Reformulated	—	—	—	—	—	—	—	27	27
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	27	27
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	158	2,033	1,305	24	—	3,520	609	642	5,415
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	50	—	50
Ed55 and Lower	—	—	—	—	—	—	50	—	50
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	158	2,033	1,305	24	—	3,520	559	642	5,365
Finished Aviation Gasoline	43	221	172	—	—	436	3	211	718
Kerosene-Type Jet Fuel	407	3,058	2,024	88	—	5,577	277	3,782	12,293
Kerosene	27	63	41	2	—	133	2	3	349
Distillate Fuel Oil	667	7,526	6,225	463	65	14,946	1,450	4,804	28,410
15 ppm sulfur and under	640	5,986	4,425	281	65	11,397	1,262	4,117	23,276
Greater than 15 ppm to 500 ppm sulfur	27	168	668	31	—	894	145	277	1,530
Greater than 500 ppm sulfur	—	1,372	1,132	151	—	2,655	43	410	3,604
Residual Fuel Oil	150	2,230	1,564	15	55	4,014	214	2,512	7,969
Less than 0.31 percent sulfur	17	—	53	—	—	70	24	36	203
0.31 to 1.00 percent sulfur	83	707	290	15	—	1,095	23	222	1,675
Greater than 1.00 percent sulfur	50	1,523	1,221	—	55	2,849	167	2,254	6,091
Petrochemical Feedstocks	87	1,489	437	4	—	2,017	—	—	2,509
Naphtha for Petro. Feed. Use	22	895	423	4	—	1,344	—	—	1,715
Other Oils for Petro. Feed. Use	65	594	14	—	—	673	—	—	794
Special Naphthas	71	748	—	153	—	972	—	49	1,126
Lubricants	51	1,966	1,947	855	—	4,819	—	754	6,487
Waxes	—	90	89	82	—	261	—	—	489
Petroleum Coke	77	2,213	932	—	—	3,222	48	1,511	7,656
Marketable	77	2,213	932	—	—	3,222	48	1,511	7,656
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	431	175	593	897	156	2,252	663	822	9,310
Miscellaneous Products	90	255	83	1	25	454	21	78	692
Total Stocks, All Oils	12,053	85,081	58,178	5,184	1,339	161,835	12,268	68,910	321,029

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,755	642	6,397	9,871	1,957	1,849	13,677
Petroleum Products	9,502	2,173	11,675	31,444	8,066	9,999	49,509
Hydrocarbon Gas Liquids	503	31	534	2,465	245	773	3,483
Natural Gas Liquids	349	31	380	2,004	225	757	2,986
Ethane	—	—	—	—	—	—	—
Propane	91	3	94	504	23	202	729
Normal Butane	177	15	192	1,116	155	159	1,430
Isobutane	81	13	94	269	47	184	500
Natural Gasoline	—	—	—	115	—	212	327
Refinery Olefins	154	0	154	461	20	16	497
Ethylene	—	—	—	—	—	—	—
Propylene	94	0	94	333	9	16	358
Normal Butylene	1	0	1	128	11	0	139
Isobutylene	59	0	59	0	0	0	0
Biofuels/Other Hydrocarbons	84	98	182	46	61	28	135
Biofuels (including Fuel Ethanol)	84	98	182	31	61	28	120
Fuel Ethanol	84	88	172	28	48	24	100
Biodiesel	—	10	10	3	13	4	20
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	15	—	—	15
Unfinished Oils	3,343	382	3,725	9,598	744	3,820	14,162
Naphthas and Lighter	826	251	1,077	2,148	167	1,118	3,433
Kerosene and Light Gas Oils	332	—	332	1,778	283	332	2,393
Heavy Gas Oils	1,257	124	1,381	4,008	294	1,352	5,654
Residuum	928	7	935	1,664	—	1,018	2,682
Motor Gasoline Blending Components (MGBC)	2,763	267	3,030	8,663	1,740	2,524	12,927
Reformulated - RBOB	864	—	864	1,057	—	—	1,057
Conventional	1,899	267	2,166	7,606	1,740	2,524	11,870
CBOB	319	193	512	2,947	986	1,706	5,639
GTAB	—	—	—	—	—	—	—
Other	1,580	74	1,654	4,659	754	818	6,231
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	41	41	513	65	173	751
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	41	41	513	65	173	751
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	41	41	513	65	173	751
Finished Aviation Gasoline	—	—	—	—	38	—	38
Kerosene-Type Jet Fuel	462	—	462	1,645	221	313	2,179
Kerosene	69	2	71	64	—	6	70
Distillate Fuel Oil	1,321	268	1,589	3,460	640	1,545	5,645
15 ppm sulfur and under	1,161	168	1,329	3,322	619	1,368	5,309
Greater than 15 ppm to 500 ppm sulfur	31	77	108	—	—	107	107
Greater than 500 ppm sulfur	129	23	152	138	21	70	229
Residual Fuel Oil	291	20	311	749	177	91	1,017
Less than 0.31 percent sulfur	—	18	18	102	—	—	102
0.31 to 1.00 percent sulfur	133	2	135	174	42	30	246
Greater than 1.00 percent sulfur	158	—	158	473	135	61	669
Petrochemical Feedstocks	—	—	—	556	—	—	556
Naphtha for Petro. Feed. Use	—	—	—	447	—	—	447
Other Oils for Petro. Feed. Use	—	—	—	109	—	—	109
Special Naphthas	—	16	16	70	—	11	81
Lubricants	498	236	734	—	—	120	120
Waxes	—	188	188	—	—	42	42
Petroleum Coke	—	—	—	793	2,124	318	3,235
Marketable	—	—	—	793	2,124	318	3,235
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	159	578	737	2,733	1,996	224	4,953
Miscellaneous Products	9	46	55	89	15	11	115
Total Stocks, All Oils	15,257	2,815	18,072	41,315	10,023	11,848	63,186

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,894	25,214	14,644	1,168	240	43,160	2,270	18,959	84,463
Petroleum Products	11,104	60,356	41,607	3,884	1,117	118,068	9,546	52,180	240,978
Hydrocarbon Gas Liquids	3,219	2,031	1,525	15	89	6,879	424	1,464	12,784
Natural Gas Liquids	2,574	1,841	1,360	14	89	5,878	336	1,409	10,989
Ethane	18	8	—	—	—	26	—	—	26
Propane	471	480	82	1	2	1,036	41	68	1,968
Normal Butane	1,528	1,094	577	9	78	3,286	179	944	6,031
Isobutane	503	222	319	4	9	1,057	102	396	2,149
Natural Gasoline	54	37	382	—	—	473	14	1	815
Refinery Olefins	645	190	165	1	0	1,001	88	55	1,795
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	638	54	72	1	0	765	1	10	1,228
Normal Butylene	7	136	82	0	0	225	87	45	497
Isobutylene	0	0	11	0	0	11	0	0	70
Biofuels/Other Hydrocarbons	38	980	129	37	5	1,189	162	911	2,579
Biofuels (including Fuel Ethanol)	38	980	129	37	5	1,189	162	911	2,564
Fuel Ethanol	34	965	77	23	4	1,103	155	178	1,708
Biodiesel	4	15	52	14	1	86	7	6	129
Renewable Diesel Fuel	—	—	—	—	—	—	—	727	727
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	15
Unfinished Oils	2,791	22,525	14,306	984	512	41,118	2,706	18,969	80,680
Naphthas and Lighter	951	5,853	2,024	280	151	9,259	633	3,213	17,615
Kerosene and Light Gas Oils	533	3,783	2,039	269	128	6,752	520	2,993	12,990
Heavy Gas Oils	708	9,683	7,344	400	233	18,368	1,093	9,893	36,389
Residuum	599	3,206	2,899	35	—	6,739	460	2,870	13,686
Motor Gasoline Blending Components (MGBC)	2,566	12,928	10,318	256	245	26,313	2,655	14,016	58,941
Reformulated - RBOB	151	912	663	—	23	1,749	—	4,792	8,462
Conventional	2,415	12,016	9,655	256	222	24,564	2,655	9,224	50,479
CBOB	1,273	3,680	4,712	183	59	9,907	1,489	2,422	19,969
GTAB	—	—	—	—	—	—	—	—	—
Other	1,142	8,336	4,943	73	163	14,657	1,166	6,802	30,510
Aviation Gasoline Blending Components	25	—	12	—	—	37	—	—	37
Finished Motor Gasoline	68	1,878	1,236	46	—	3,228	653	812	5,485
Reformulated	—	—	—	—	—	—	—	27	27
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	27	27
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	68	1,878	1,236	46	—	3,228	653	785	5,458
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	50	—	50
Ed55 and Lower	—	—	—	—	—	—	50	—	50
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	68	1,878	1,236	46	—	3,228	603	785	5,408
Finished Aviation Gasoline	31	202	132	—	—	365	3	114	520
Kerosene-Type Jet Fuel	399	2,739	1,922	72	—	5,132	261	3,941	11,975
Kerosene	15	68	84	2	—	169	2	1	313
Distillate Fuel Oil	967	7,739	6,396	462	88	15,652	1,504	5,851	30,241
15 ppm sulfur and under	947	6,107	5,137	256	88	12,535	1,321	5,044	25,538
Greater than 15 ppm to 500 ppm sulfur	20	142	638	52	—	852	115	374	1,556
Greater than 500 ppm sulfur	—	1,490	621	154	—	2,265	68	433	3,147
Residual Fuel Oil	161	2,274	1,219	19	33	3,706	203	2,710	7,947
Less than 0.31 percent sulfur	19	—	68	—	—	87	19	35	261
0.31 to 1.00 percent sulfur	79	711	294	19	—	1,103	22	333	1,839
Greater than 1.00 percent sulfur	63	1,563	857	—	33	2,516	162	2,342	5,847
Petrochemical Feedstocks	70	1,387	525	4	—	1,986	—	—	2,542
Naphtha for Petro. Feed. Use	21	858	508	4	—	1,391	—	—	1,838
Other Oils for Petro. Feed. Use	49	529	17	—	—	595	—	—	704
Special Naphthas	80	715	—	147	—	942	—	17	1,056
Lubricants	59	1,940	2,013	967	—	4,979	—	773	6,606
Waxes	—	91	90	83	—	264	—	—	494
Petroleum Coke	33	2,417	1,095	—	—	3,545	160	1,753	8,693
Marketable	33	2,417	1,095	—	—	3,545	160	1,753	8,693
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	470	182	520	789	118	2,079	791	769	9,329
Miscellaneous Products	112	260	85	1	27	485	22	79	756
Total Stocks, All Oils	12,998	85,570	56,251	5,052	1,357	161,228	11,816	71,139	325,441

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,340	717	6,057	10,347	1,994	1,905	14,246
Petroleum Products	9,688	2,186	11,874	30,454	8,661	10,009	49,124
Hydrocarbon Gas Liquids	511	45	556	2,592	366	846	3,804
Natural Gas Liquids	309	45	354	2,151	343	826	3,320
Ethane	—	—	—	—	—	—	—
Propane	92	4	96	477	34	229	740
Normal Butane	182	30	212	1,263	266	171	1,700
Isobutane	35	11	46	279	43	171	493
Natural Gasoline	—	—	—	132	—	255	387
Refinery Olefins	202	0	202	441	23	20	484
Ethylene	—	—	—	—	—	—	—
Propylene	107	0	107	302	23	20	345
Normal Butylene	1	0	1	139	0	0	139
Isobutylene	94	0	94	0	0	0	0
Biofuels/Other Hydrocarbons	124	103	227	47	55	29	131
Biofuels (including Fuel Ethanol)	124	103	227	35	55	29	119
Fuel Ethanol	124	96	220	31	44	25	100
Biodiesel	—	7	7	4	11	4	19
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	12	—	—	12
Unfinished Oils	3,081	363	3,444	9,060	896	3,838	13,794
Naphthas and Lighter	616	221	837	1,918	406	1,116	3,440
Kerosene and Light Gas Oils	376	—	376	1,668	354	373	2,395
Heavy Gas Oils	1,416	138	1,554	3,978	136	1,303	5,417
Residuum	673	4	677	1,496	—	1,046	2,542
Motor Gasoline Blending Components (MGBC)	2,887	295	3,182	8,180	2,067	2,337	12,584
Reformulated - RBOB	976	—	976	904	—	—	904
Conventional	1,911	295	2,206	7,276	2,067	2,337	11,680
CBOB	219	200	419	2,927	1,245	1,510	5,682
GTAB	—	—	—	—	—	—	—
Other	1,692	95	1,787	4,349	822	827	5,998
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	26	26	472	88	316	876
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	26	26	472	88	316	876
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	26	26	472	88	316	876
Finished Aviation Gasoline	—	—	—	—	40	—	40
Kerosene-Type Jet Fuel	498	—	498	1,438	243	255	1,936
Kerosene	73	4	77	80	—	11	91
Distillate Fuel Oil	1,448	243	1,691	3,448	1,056	1,598	6,102
15 ppm sulfur and under	1,232	168	1,400	3,274	971	1,490	5,735
Greater than 15 ppm to 500 ppm sulfur	36	55	91	—	—	48	48
Greater than 500 ppm sulfur	180	20	200	174	85	60	319
Residual Fuel Oil	295	16	311	689	215	90	994
Less than 0.31 percent sulfur	—	14	14	148	—	—	148
0.31 to 1.00 percent sulfur	93	2	95	144	64	28	236
Greater than 1.00 percent sulfur	202	—	202	397	151	62	610
Petrochemical Feedstocks	—	—	—	527	—	—	527
Naphtha for Petro. Feed. Use	—	—	—	419	—	—	419
Other Oils for Petro. Feed. Use	—	—	—	108	—	—	108
Special Naphthas	—	27	27	84	—	10	94
Lubricants	624	283	907	—	—	174	174
Waxes	—	181	181	—	—	57	57
Petroleum Coke	—	—	—	630	1,958	209	2,797
Marketable	—	—	—	630	1,958	209	2,797
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	135	536	671	3,107	1,648	231	4,986
Miscellaneous Products	12	64	76	100	29	8	137
Total Stocks, All Oils	15,028	2,903	17,931	40,801	10,655	11,914	63,370

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, July 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,906	26,463	15,789	1,138	215	45,511	2,510	22,775	91,099
Petroleum Products	11,463	61,108	42,046	3,915	1,116	119,648	9,982	47,807	238,435
Hydrocarbon Gas Liquids	3,446	2,260	1,317	17	104	7,144	442	1,521	13,467
Natural Gas Liquids	2,769	2,022	1,005	16	104	5,916	352	1,486	11,428
Ethane	20	9	—	—	—	29	—	—	29
Propane	531	555	70	2	4	1,162	47	95	2,140
Normal Butane	1,764	1,228	314	9	88	3,403	195	1,021	6,531
Isobutane	448	197	337	5	12	999	105	367	2,010
Natural Gasoline	6	33	284	—	—	323	5	3	718
Refinery Olefins	677	238	312	1	0	1,228	90	35	2,039
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	650	51	64	1	0	766	1	10	1,229
Normal Butylene	27	186	234	0	0	447	89	25	701
Isobutylene	0	1	14	0	0	15	0	0	109
Biofuels/Other Hydrocarbons	41	777	157	31	4	1,010	140	971	2,479
Biofuels (including Fuel Ethanol)	41	777	157	31	4	1,010	140	971	2,467
Fuel Ethanol	30	757	93	24	3	907	132	202	1,561
Biodiesel	11	20	64	7	1	103	8	8	145
Renewable Diesel Fuel	—	—	—	—	—	—	—	761	761
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	12
Unfinished Oils	2,907	22,121	14,791	889	483	41,191	2,847	17,416	78,692
Naphthas and Lighter	1,048	5,897	1,577	237	125	8,884	620	3,059	16,840
Kerosene and Light Gas Oils	458	3,838	2,270	209	130	6,905	637	2,910	13,223
Heavy Gas Oils	823	9,311	8,404	385	228	19,151	1,171	8,220	35,513
Residuum	578	3,075	2,540	58	—	6,251	419	3,227	13,116
Motor Gasoline Blending Components (MGBC)	2,567	13,289	11,214	317	267	27,654	2,707	13,286	59,413
Reformulated - RBOB	140	1,607	832	—	26	2,605	—	4,721	9,206
Conventional	2,427	11,682	10,382	317	241	25,049	2,707	8,565	50,207
CBOB	1,285	3,306	5,391	247	62	10,291	1,415	2,613	20,420
GTAB	—	—	—	—	—	—	—	—	—
Other	1,142	8,376	4,991	70	179	14,758	1,292	5,952	29,787
Aviation Gasoline Blending Components	23	—	23	—	—	46	—	—	46
Finished Motor Gasoline	108	1,651	721	57	—	2,537	661	765	4,865
Reformulated	—	—	—	—	—	—	—	18	18
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	18	18
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	108	1,651	721	57	—	2,537	661	747	4,847
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	54	—	54
Ed55 and Lower	—	—	—	—	—	—	54	—	54
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	108	1,651	721	57	—	2,537	607	747	4,793
Finished Aviation Gasoline	45	253	112	—	—	410	8	81	539
Kerosene-Type Jet Fuel	343	2,940	1,938	91	—	5,312	280	3,656	11,682
Kerosene	18	125	88	2	—	233	2	1	404
Distillate Fuel Oil	1,013	7,860	5,911	548	75	15,407	1,646	4,914	29,760
15 ppm sulfur and under	937	6,416	4,553	375	75	12,356	1,481	4,297	25,269
Greater than 15 ppm to 500 ppm sulfur	76	110	555	45	—	786	115	225	1,265
Greater than 500 ppm sulfur	—	1,334	803	128	—	2,265	50	392	3,226
Residual Fuel Oil	144	2,270	1,356	17	42	3,829	225	2,260	7,619
Less than 0.31 percent sulfur	23	—	50	—	—	73	28	34	297
0.31 to 1.00 percent sulfur	62	780	312	17	—	1,171	37	326	1,865
Greater than 1.00 percent sulfur	59	1,490	994	—	42	2,585	160	1,900	5,457
Petrochemical Feedstocks	56	1,553	507	4	—	2,120	—	—	2,647
Naphtha for Petro. Feed. Use	22	948	482	4	—	1,456	—	—	1,875
Other Oils for Petro. Feed. Use	34	605	25	—	—	664	—	—	772
Special Naphthas	87	580	—	172	—	839	—	26	986
Lubricants	63	2,148	1,986	866	—	5,063	—	529	6,673
Waxes	—	95	91	83	—	269	—	—	507
Petroleum Coke	21	2,712	1,250	—	—	3,983	174	1,538	8,492
Marketable	21	2,712	1,250	—	—	3,983	174	1,538	8,492
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	442	218	479	820	112	2,071	828	763	9,319
Miscellaneous Products	139	256	105	1	29	530	22	80	845
Total Stocks, All Oils	13,369	87,571	57,835	5,053	1,331	165,159	12,492	70,582	329,534

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,791	666	5,457	9,527	1,875	1,993	13,395
Petroleum Products	9,428	2,110	11,538	28,851	7,867	10,520	47,238
Hydrocarbon Gas Liquids	544	77	621	2,769	494	1,150	4,413
Natural Gas Liquids	346	77	423	2,308	484	1,141	3,933
Ethane	—	—	—	—	—	—	—
Propane	86	1	87	495	23	439	957
Normal Butane	228	63	291	1,354	431	214	1,999
Isobutane	32	13	45	305	30	167	502
Natural Gasoline	—	—	—	154	—	321	475
Refinery Olefins	198	0	198	461	10	9	480
Ethylene	—	—	—	—	—	—	—
Propylene	110	0	110	361	10	9	380
Normal Butylene	3	0	3	100	0	0	100
Isobutylene	85	0	85	0	0	0	0
Biofuels/Other Hydrocarbons	100	119	219	42	43	27	112
Biofuels (including Fuel Ethanol)	100	119	219	25	43	27	95
Fuel Ethanol	100	112	212	21	35	27	83
Biodiesel	—	7	7	4	8	—	12
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	17	—	—	17
Unfinished Oils	3,167	452	3,619	8,716	902	3,801	13,419
Naphthas and Lighter	727	295	1,022	2,060	294	1,174	3,528
Kerosene and Light Gas Oils	335	—	335	2,037	350	420	2,807
Heavy Gas Oils	1,401	154	1,555	3,268	258	1,204	4,730
Residuum	704	3	707	1,351	—	1,003	2,354
Motor Gasoline Blending Components (MGBC)	2,705	296	3,001	7,278	1,977	2,475	11,730
Reformulated - RBOB	830	—	830	710	—	—	710
Conventional	1,875	296	2,171	6,568	1,977	2,475	11,020
CBOB	295	203	498	2,424	1,036	1,745	5,205
GTAB	—	—	—	—	—	—	—
Other	1,580	93	1,673	4,144	941	730	5,815
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	29	29	693	123	236	1,052
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	29	29	693	123	236	1,052
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	29	29	693	123	236	1,052
Finished Aviation Gasoline	—	—	—	—	56	—	56
Kerosene-Type Jet Fuel	523	—	523	1,409	251	292	1,952
Kerosene	46	4	50	106	—	4	110
Distillate Fuel Oil	1,367	213	1,580	3,263	989	1,600	5,852
15 ppm sulfur and under	1,187	147	1,334	3,108	956	1,431	5,495
Greater than 15 ppm to 500 ppm sulfur	24	39	63	—	—	131	131
Greater than 500 ppm sulfur	156	27	183	155	33	38	226
Residual Fuel Oil	207	21	228	614	165	89	868
Less than 0.31 percent sulfur	—	18	18	57	—	—	57
0.31 to 1.00 percent sulfur	84	3	87	164	44	28	236
Greater than 1.00 percent sulfur	123	—	123	393	121	61	575
Petrochemical Feedstocks	—	—	—	518	—	—	518
Naphtha for Petro. Feed. Use	—	—	—	416	—	—	416
Other Oils for Petro. Feed. Use	—	—	—	102	—	—	102
Special Naphthas	—	25	25	77	—	11	88
Lubricants	601	213	814	—	—	238	238
Waxes	—	177	177	—	—	67	67
Petroleum Coke	—	—	—	506	1,367	269	2,142
Marketable	—	—	—	506	1,367	269	2,142
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	160	422	582	2,785	1,486	251	4,522
Miscellaneous Products	8	62	70	75	14	10	99
Total Stocks, All Oils	14,219	2,776	16,995	38,378	9,742	12,513	60,633

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, August 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,955	26,514	13,916	1,274	198	43,857	2,262	20,295	85,266
Petroleum Products	11,668	57,347	42,960	3,647	1,089	116,711	9,534	46,652	231,673
Hydrocarbon Gas Liquids	3,597	2,285	1,148	15	111	7,156	487	1,471	14,148
Natural Gas Liquids	3,106	2,062	884	14	111	6,177	385	1,429	12,347
Ethane	22	9	—	—	—	31	—	—	31
Propane	691	457	57	2	2	1,209	46	89	2,388
Normal Butane	2,054	1,359	343	9	99	3,864	238	1,017	7,409
Isobutane	339	213	299	3	10	864	87	322	1,820
Natural Gasoline	—	24	185	—	—	209	14	1	699
Refinery Olefins	491	223	264	1	0	979	102	42	1,801
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	479	52	55	1	0	587	5	9	1,091
Normal Butylene	12	170	190	0	0	372	97	33	605
Isobutylene	0	1	19	0	0	20	0	0	105
Biofuels/Other Hydrocarbons	33	684	139	32	5	893	132	818	2,174
Biofuels (including Fuel Ethanol)	33	684	139	32	5	893	132	818	2,157
Fuel Ethanol	24	648	89	25	3	789	125	196	1,405
Biodiesel	9	36	50	7	2	104	7	9	139
Renewable Diesel Fuel	—	—	—	—	—	—	—	613	613
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	17
Unfinished Oils	2,980	21,535	15,061	861	480	40,917	2,689	17,982	78,626
Naphthas and Lighter	1,303	5,589	1,785	204	183	9,064	511	2,834	16,959
Kerosene and Light Gas Oils	440	3,790	2,000	162	108	6,500	540	3,115	13,297
Heavy Gas Oils	737	9,266	8,509	427	189	19,128	1,158	8,408	34,979
Residuum	500	2,890	2,767	68	—	6,225	480	3,625	13,391
Motor Gasoline Blending Components (MGBC)	2,577	11,915	10,764	313	250	25,819	2,681	12,215	55,446
Reformulated - RBOB	150	980	330	—	5	1,465	—	4,613	7,618
Conventional	2,427	10,935	10,434	313	245	24,354	2,681	7,602	47,828
CBOB	1,246	3,512	5,423	235	33	10,449	1,449	2,214	19,815
GTAB	—	—	—	—	—	—	—	—	—
Other	1,181	7,423	5,011	78	212	13,905	1,232	5,388	28,013
Aviation Gasoline Blending Components	25	—	8	—	—	33	—	—	33
Finished Motor Gasoline	162	1,663	1,057	23	—	2,905	639	585	5,210
Reformulated	—	—	—	—	—	—	—	18	18
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	18	18
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	162	1,663	1,057	23	—	2,905	639	567	5,192
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	54	—	54
Ed55 and Lower	—	—	—	—	—	—	54	—	54
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	162	1,663	1,057	23	—	2,905	585	567	5,138
Finished Aviation Gasoline	33	168	122	—	—	323	9	121	509
Kerosene-Type Jet Fuel	335	2,417	1,656	60	—	4,468	263	3,410	10,616
Kerosene	25	85	50	2	—	162	2	1	325
Distillate Fuel Oil	959	7,423	6,378	445	64	15,269	1,472	5,169	29,342
15 ppm sulfur and under	831	6,009	5,155	276	64	12,335	1,343	4,633	25,140
Greater than 15 ppm to 500 ppm sulfur	128	55	455	44	—	682	95	252	1,223
Greater than 500 ppm sulfur	—	1,359	768	125	—	2,252	34	284	2,979
Residual Fuel Oil	137	2,534	1,848	14	60	4,593	211	2,294	8,194
Less than 0.31 percent sulfur	17	—	39	—	—	56	29	21	181
0.31 to 1.00 percent sulfur	63	696	295	14	—	1,068	20	351	1,762
Greater than 1.00 percent sulfur	57	1,838	1,514	—	60	3,469	162	1,922	6,251
Petrochemical Feedstocks	58	1,414	556	4	—	2,032	—	—	2,550
Naphtha for Petro. Feed. Use	23	976	519	4	—	1,522	—	—	1,938
Other Oils for Petro. Feed. Use	35	438	37	—	—	510	—	—	612
Special Naphthas	88	510	—	179	—	777	—	23	913
Lubricants	57	1,883	2,080	760	—	4,780	—	344	6,176
Waxes	—	78	105	87	—	270	—	—	514
Petroleum Coke	42	2,288	1,156	—	—	3,486	148	1,554	7,330
Marketable	42	2,288	1,156	—	—	3,486	148	1,554	7,330
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	393	267	720	851	98	2,329	778	588	8,799
Miscellaneous Products	167	198	112	1	21	499	23	77	768
Total Stocks, All Oils	13,623	83,861	56,876	4,921	1,287	160,568	11,796	66,947	316,939

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,960	690	5,650	10,097	1,816	1,992	13,905
Petroleum Products	9,370	2,052	11,422	29,322	6,964	10,560	46,846
Hydrocarbon Gas Liquids	520	70	590	2,591	445	1,018	4,054
Natural Gas Liquids	280	70	350	1,644	437	1,002	3,083
Ethane	—	—	—	—	—	—	—
Propane	75	2	77	485	19	430	934
Normal Butane	164	56	220	843	378	242	1,463
Isobutane	41	12	53	281	40	137	458
Natural Gasoline	—	—	—	35	—	193	228
Refinery Olefins	240	0	240	947	8	16	971
Ethylene	—	—	—	—	—	—	—
Propylene	115	0	115	289	8	16	313
Normal Butylene	77	0	77	658	0	0	658
Isobutylene	48	0	48	0	0	0	0
Biofuels/Other Hydrocarbons	163	93	256	57	40	26	123
Biofuels (including Fuel Ethanol)	163	93	256	36	40	26	102
Fuel Ethanol	163	86	249	29	32	26	87
Biodiesel	—	7	7	7	8	—	15
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	21	—	—	21
Unfinished Oils	3,134	397	3,531	8,506	864	3,695	13,065
Naphthas and Lighter	699	239	938	2,037	176	1,115	3,328
Kerosene and Light Gas Oils	285	—	285	2,031	354	415	2,800
Heavy Gas Oils	1,342	155	1,497	3,152	334	1,340	4,826
Residuum	808	3	811	1,286	—	825	2,111
Motor Gasoline Blending Components (MGBC)	2,658	255	2,913	7,992	1,681	2,654	12,327
Reformulated - RBOB	1,003	—	1,003	863	—	—	863
Conventional	1,655	255	1,910	7,129	1,681	2,654	11,464
CBOB	58	171	229	3,049	1,037	1,902	5,988
GTAB	—	—	—	—	—	—	—
Other	1,597	84	1,681	4,080	644	752	5,476
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	43	43	677	64	219	960
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	43	43	677	64	219	960
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	43	43	677	64	219	960
Finished Aviation Gasoline	—	—	—	—	58	—	58
Kerosene-Type Jet Fuel	478	—	478	1,467	259	249	1,975
Kerosene	114	4	118	106	—	20	126
Distillate Fuel Oil	1,286	222	1,508	3,309	928	1,564	5,801
15 ppm sulfur and under	1,145	126	1,271	3,135	792	1,210	5,137
Greater than 15 ppm to 500 ppm sulfur	57	79	136	—	—	63	63
Greater than 500 ppm sulfur	84	17	101	174	136	291	601
Residual Fuel Oil	284	17	301	458	150	82	690
Less than 0.31 percent sulfur	—	15	15	52	—	—	52
0.31 to 1.00 percent sulfur	117	2	119	97	41	34	172
Greater than 1.00 percent sulfur	167	—	167	309	109	48	466
Petrochemical Feedstocks	—	—	—	510	—	—	510
Naphtha for Petro. Feed. Use	—	—	—	404	—	—	404
Other Oils for Petro. Feed. Use	—	—	—	106	—	—	106
Special Naphthas	—	31	31	59	—	15	74
Lubricants	569	224	793	—	—	264	264
Waxes	—	186	186	—	—	76	76
Petroleum Coke	—	—	—	416	959	337	1,712
Marketable	—	—	—	416	959	337	1,712
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	149	450	599	3,093	1,497	336	4,926
Miscellaneous Products	15	60	75	81	19	5	105
Total Stocks, All Oils	14,330	2,742	17,072	39,419	8,780	12,552	60,751

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, September 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,206	24,823	14,966	1,208	232	43,435	2,387	19,507	84,884
Petroleum Products	11,726	57,366	40,760	3,888	1,207	114,947	9,659	45,286	228,160
Hydrocarbon Gas Liquids	3,601	2,321	1,147	19	112	7,200	451	1,622	13,917
Natural Gas Liquids	2,833	1,902	1,033	19	112	5,899	328	1,527	11,187
Ethane	22	9	—	—	—	31	—	—	31
Propane	632	660	82	4	2	1,380	39	112	2,542
Normal Butane	1,888	1,014	351	11	102	3,366	197	1,053	6,299
Isobutane	291	187	332	4	8	822	80	359	1,772
Natural Gasoline	—	32	268	—	—	300	12	3	543
Refinery Olefins	768	419	114	0	0	1,301	123	95	2,730
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	529	45	67	0	0	641	7	7	1,083
Normal Butylene	239	374	47	0	0	660	116	88	1,599
Isobutylene	0	0	0	0	0	0	0	0	48
Biofuels/Other Hydrocarbons	42	383	112	26	5	568	119	971	2,037
Biofuels (including Fuel Ethanol)	42	383	112	26	5	568	119	971	2,016
Fuel Ethanol	32	365	67	20	2	486	109	92	1,023
Biodiesel	10	18	45	6	3	82	10	8	122
Renewable Diesel Fuel	—	—	—	—	—	—	—	871	871
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	21
Unfinished Oils	2,989	20,769	13,937	1,016	561	39,272	2,838	17,506	76,212
Naphthas and Lighter	1,307	5,585	1,626	247	174	8,939	556	3,205	16,966
Kerosene and Light Gas Oils	582	3,771	1,869	177	132	6,531	512	2,669	12,797
Heavy Gas Oils	621	8,668	7,979	489	255	18,012	1,317	7,829	33,481
Residuum	479	2,745	2,463	103	—	5,790	453	3,803	12,968
Motor Gasoline Blending Components (MGBC)	2,736	11,907	11,007	324	262	26,236	2,610	11,670	55,756
Reformulated - RBOB	143	945	47	—	6	1,141	—	4,349	7,356
Conventional	2,593	10,962	10,960	324	256	25,095	2,610	7,321	48,400
CBOB	1,378	3,558	5,880	236	49	11,101	1,428	2,441	21,187
GTAB	—	—	—	—	—	—	—	—	—
Other	1,215	7,404	5,080	88	207	13,994	1,182	4,880	27,213
Aviation Gasoline Blending Components	23	—	14	—	—	37	—	—	37
Finished Motor Gasoline	143	1,372	939	36	—	2,490	601	611	4,705
Reformulated	—	—	—	—	—	—	—	20	20
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	20	20
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	143	1,372	939	36	—	2,490	601	591	4,685
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	51	—	51
Ed55 and Lower	—	—	—	—	—	—	51	—	51
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	143	1,372	939	36	—	2,490	550	591	4,634
Finished Aviation Gasoline	24	119	184	—	—	327	7	136	528
Kerosene-Type Jet Fuel	293	2,907	1,587	70	—	4,857	257	3,594	11,161
Kerosene	27	26	69	3	—	125	1	3	373
Distillate Fuel Oil	889	8,667	5,489	506	71	15,622	1,516	4,765	29,212
15 ppm sulfur and under	808	7,076	4,457	291	71	12,703	1,314	4,372	24,797
Greater than 15 ppm to 500 ppm sulfur	81	160	224	48	—	513	111	182	1,005
Greater than 500 ppm sulfur	—	1,431	808	167	—	2,406	91	211	3,410
Residual Fuel Oil	150	2,197	1,428	18	86	3,879	196	2,056	7,122
Less than 0.31 percent sulfur	19	—	52	—	—	71	29	25	192
0.31 to 1.00 percent sulfur	60	570	309	18	—	957	7	378	1,633
Greater than 1.00 percent sulfur	71	1,627	1,067	—	86	2,851	160	1,653	5,297
Petrochemical Feedstocks	47	1,408	552	4	—	2,011	—	—	2,521
Naphtha for Petro. Feed. Use	22	873	509	4	—	1,408	—	—	1,812
Other Oils for Petro. Feed. Use	25	535	43	—	—	603	—	—	709
Special Naphthas	77	556	—	187	—	820	—	26	951
Lubricants	43	1,988	2,323	735	—	5,089	—	366	6,512
Waxes	—	85	103	94	—	282	—	—	544
Petroleum Coke	38	2,210	1,116	—	—	3,364	163	1,316	6,555
Marketable	38	2,210	1,116	—	—	3,364	163	1,316	6,555
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	416	228	628	850	84	2,206	877	576	9,184
Miscellaneous Products	188	223	125	—	26	562	23	68	833
Total Stocks, All Oils	13,932	82,189	55,726	5,096	1,439	158,382	12,046	64,793	313,044

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,503	595	6,098	9,933	1,929	1,798	13,660
Petroleum Products	9,957	2,117	12,074	30,494	6,767	11,286	48,547
Hydrocarbon Gas Liquids	644	44	688	2,499	392	1,314	4,205
Natural Gas Liquids	341	44	385	2,126	372	1,284	3,782
Ethane	—	—	—	—	—	—	—
Propane	94	2	96	615	42	732	1,389
Normal Butane	214	34	248	1,234	293	268	1,795
Isobutane	33	8	41	237	37	163	437
Natural Gasoline	—	—	—	40	—	121	161
Refinery Olefins	303	0	303	373	20	30	423
Ethylene	—	—	—	—	—	—	—
Propylene	170	0	170	333	20	30	383
Normal Butylene	87	0	87	40	0	0	40
Isobutylene	46	0	46	0	0	0	0
Biofuels/Other Hydrocarbons	72	85	157	49	36	19	104
Biofuels (including Fuel Ethanol)	72	85	157	38	36	19	93
Fuel Ethanol	72	77	149	33	28	18	79
Biodiesel	—	8	8	5	8	1	14
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	11	—	—	11
Unfinished Oils	3,361	379	3,740	8,813	855	4,190	13,858
Naphthas and Lighter	805	225	1,030	1,926	149	1,295	3,370
Kerosene and Light Gas Oils	587	—	587	1,973	318	401	2,692
Heavy Gas Oils	1,298	144	1,442	3,413	388	1,502	5,303
Residuum	671	10	681	1,501	—	992	2,493
Motor Gasoline Blending Components (MGBC)	2,884	228	3,112	9,176	1,679	2,924	13,779
Reformulated - RBOB	1,252	—	1,252	888	—	—	888
Conventional	1,632	228	1,860	8,288	1,679	2,924	12,891
CBOB	87	175	262	3,449	974	1,870	6,293
GTAB	—	—	—	—	—	—	—
Other	1,545	53	1,598	4,839	705	1,054	6,598
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	44	44	465	118	167	750
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	44	44	465	118	167	750
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	44	44	465	118	167	750
Finished Aviation Gasoline	—	—	—	—	60	—	60
Kerosene-Type Jet Fuel	509	—	509	1,361	262	207	1,830
Kerosene	64	4	68	114	—	21	135
Distillate Fuel Oil	1,356	283	1,639	3,241	1,003	1,554	5,798
15 ppm sulfur and under	1,124	183	1,307	3,128	937	1,359	5,424
Greater than 15 ppm to 500 ppm sulfur	59	74	133	—	—	145	145
Greater than 500 ppm sulfur	173	26	199	113	66	50	229
Residual Fuel Oil	276	21	297	740	191	76	1,007
Less than 0.31 percent sulfur	—	19	19	118	—	—	118
0.31 to 1.00 percent sulfur	139	2	141	195	57	28	280
Greater than 1.00 percent sulfur	137	—	137	427	134	48	609
Petrochemical Feedstocks	—	—	—	578	—	—	578
Naphtha for Petro. Feed. Use	—	—	—	454	—	—	454
Other Oils for Petro. Feed. Use	—	—	—	124	—	—	124
Special Naphthas	—	34	34	46	—	15	61
Lubricants	652	234	886	—	—	260	260
Waxes	—	199	199	—	—	57	57
Petroleum Coke	—	—	—	582	1,101	198	1,881
Marketable	—	—	—	582	1,101	198	1,881
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	115	518	633	2,746	1,042	277	4,065
Miscellaneous Products	24	44	68	84	28	7	119
Total Stocks, All Oils	15,460	2,712	18,172	40,427	8,696	13,084	62,207

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, October 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,153	25,540	14,797	1,002	284	43,776	2,276	22,681	88,491
Petroleum Products	10,670	59,299	40,267	3,893	1,312	115,441	9,921	48,623	234,606
Hydrocarbon Gas Liquids	3,405	2,415	1,172	12	98	7,102	478	1,725	14,198
Natural Gas Liquids	2,647	2,034	1,012	8	98	5,799	406	1,653	12,025
Ethane	24	5	—	—	—	29	—	—	29
Propane	793	684	74	1	4	1,556	41	124	3,206
Normal Butane	1,603	1,106	446	3	85	3,243	282	1,207	6,775
Isobutane	227	212	291	4	9	743	79	320	1,620
Natural Gasoline	—	27	201	—	—	228	4	2	395
Refinery Olefins	758	381	160	4	0	1,303	72	72	2,173
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	357	45	57	2	0	461	7	6	1,027
Normal Butylene	401	336	103	2	0	842	65	66	1,100
Isobutylene	0	0	0	0	0	0	0	0	46
Biofuels/Other Hydrocarbons	37	720	127	19	3	906	104	964	2,235
Biofuels (including Fuel Ethanol)	37	720	127	19	3	906	104	964	2,224
Fuel Ethanol	31	697	83	14	2	827	96	190	1,341
Biodiesel	6	23	44	5	1	79	8	8	117
Renewable Diesel Fuel	—	—	—	—	—	—	—	766	766
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	11
Unfinished Oils	2,410	22,651	13,578	1,077	522	40,238	2,740	17,521	78,097
Naphthas and Lighter	1,047	5,899	1,575	296	180	8,997	537	2,878	16,812
Kerosene and Light Gas Oils	417	4,217	1,953	232	118	6,937	521	2,693	13,430
Heavy Gas Oils	636	9,553	7,341	452	224	18,206	1,142	8,700	34,793
Residuum	310	2,982	2,709	97	—	6,098	540	3,250	13,062
Motor Gasoline Blending Components (MGBC)	2,640	12,144	11,381	357	250	26,772	2,910	13,379	59,952
Reformulated - RBOB	98	1,034	10	—	17	1,159	—	5,099	8,398
Conventional	2,542	11,110	11,371	357	233	25,613	2,910	8,280	51,554
CBOB	1,470	3,965	6,217	276	39	11,967	1,613	2,754	22,889
GTAB	—	—	—	—	—	—	—	—	—
Other	1,072	7,145	5,154	81	194	13,646	1,297	5,526	28,665
Aviation Gasoline Blending Components	15	—	13	—	—	28	—	—	28
Finished Motor Gasoline	68	1,783	858	17	5	2,731	739	770	5,034
Reformulated	—	—	—	—	—	—	—	22	22
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	22	22
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	68	1,783	858	17	5	2,731	739	748	5,012
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	62	—	62
Ed55 and Lower	—	—	—	—	—	—	62	—	62
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	68	1,783	858	17	5	2,731	677	748	4,950
Finished Aviation Gasoline	40	172	169	—	—	381	6	192	639
Kerosene-Type Jet Fuel	363	3,084	1,437	72	—	4,956	329	3,878	11,502
Kerosene	33	59	1	2	—	95	1	3	302
Distillate Fuel Oil	677	7,761	5,349	438	121	14,346	1,532	5,433	28,748
15 ppm sulfur and under	646	6,220	4,254	273	121	11,514	1,377	4,869	24,491
Greater than 15 ppm to 500 ppm sulfur	31	132	372	35	—	570	75	260	1,183
Greater than 500 ppm sulfur	—	1,409	723	130	—	2,262	80	304	3,074
Residual Fuel Oil	128	2,508	1,197	13	136	3,982	189	2,165	7,640
Less than 0.31 percent sulfur	21	—	35	—	—	56	28	27	248
0.31 to 1.00 percent sulfur	61	412	224	13	—	710	4	452	1,587
Greater than 1.00 percent sulfur	46	2,096	938	—	136	3,216	157	1,686	5,805
Petrochemical Feedstocks	72	1,354	421	4	—	1,851	—	—	2,429
Naphtha for Petro. Feed. Use	51	897	393	4	—	1,345	—	—	1,799
Other Oils for Petro. Feed. Use	21	457	28	—	—	506	—	—	630
Special Naphthas	79	522	—	192	—	793	—	26	914
Lubricants	41	1,790	2,138	737	—	4,706	—	607	6,459
Waxes	—	102	116	96	—	314	—	—	570
Petroleum Coke	37	1,832	1,422	—	—	3,291	63	1,291	6,526
Marketable	37	1,832	1,422	—	—	3,291	63	1,291	6,526
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	414	184	771	856	151	2,376	813	596	8,483
Miscellaneous Products	211	218	117	1	26	573	17	73	850
Total Stocks, All Oils	12,823	84,839	55,064	4,895	1,596	159,217	12,197	71,304	323,097

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,444	700	5,144	9,835	2,038	1,926	13,799
Petroleum Products	10,003	2,147	12,150	30,116	6,923	11,403	48,442
Hydrocarbon Gas Liquids	593	36	629	2,352	375	1,423	4,150
Natural Gas Liquids	315	36	351	2,001	362	1,383	3,746
Ethane	—	—	—	—	—	—	—
Propane	116	3	119	581	38	771	1,390
Normal Butane	160	21	181	1,082	280	178	1,540
Isobutane	39	12	51	266	44	231	541
Natural Gasoline	—	—	—	72	—	203	275
Refinery Olefins	278	0	278	351	13	40	404
Ethylene	—	—	—	—	—	—	—
Propylene	164	0	164	333	13	40	386
Normal Butylene	109	0	109	18	0	0	18
Isobutylene	5	0	5	0	0	0	0
Biofuels/Other Hydrocarbons	128	120	248	61	46	27	134
Biofuels (including Fuel Ethanol)	128	120	248	40	46	27	113
Fuel Ethanol	128	108	236	35	43	24	102
Biodiesel	—	12	12	5	3	3	11
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	21	—	—	21
Unfinished Oils	3,536	399	3,935	8,022	787	4,124	12,933
Naphthas and Lighter	670	238	908	1,917	136	1,207	3,260
Kerosene and Light Gas Oils	444	—	444	1,705	323	368	2,396
Heavy Gas Oils	1,791	154	1,945	3,154	328	1,682	5,164
Residuum	631	7	638	1,246	—	867	2,113
Motor Gasoline Blending Components (MGBC)	2,914	228	3,142	8,480	1,989	2,756	13,225
Reformulated - RBOB	1,335	—	1,335	825	—	—	825
Conventional	1,579	228	1,807	7,655	1,989	2,756	12,400
CBOB	35	171	206	3,072	1,200	1,704	5,976
GTAB	—	—	—	—	—	—	—
Other	1,544	57	1,601	4,583	789	1,052	6,424
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	33	33	561	97	200	858
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	33	33	561	97	200	858
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	33	33	561	97	200	858
Finished Aviation Gasoline	—	—	—	—	44	—	44
Kerosene-Type Jet Fuel	531	—	531	1,540	200	245	1,985
Kerosene	70	5	75	191	—	75	266
Distillate Fuel Oil	1,248	245	1,493	3,832	980	1,665	6,477
15 ppm sulfur and under	1,009	160	1,169	3,720	869	1,478	6,067
Greater than 15 ppm to 500 ppm sulfur	99	59	158	—	—	109	109
Greater than 500 ppm sulfur	140	26	166	112	111	78	301
Residual Fuel Oil	227	14	241	730	141	83	954
Less than 0.31 percent sulfur	—	12	12	189	—	—	189
0.31 to 1.00 percent sulfur	39	2	41	157	35	29	221
Greater than 1.00 percent sulfur	188	—	188	384	106	54	544
Petrochemical Feedstocks	—	—	—	514	—	—	514
Naphtha for Petro. Feed. Use	—	—	—	389	—	—	389
Other Oils for Petro. Feed. Use	—	—	—	125	—	—	125
Special Naphthas	—	36	36	59	—	10	69
Lubricants	639	261	900	—	—	237	237
Waxes	—	205	205	—	—	48	48
Petroleum Coke	—	—	—	834	1,078	194	2,106
Marketable	—	—	—	834	1,078	194	2,106
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	100	524	624	2,856	1,164	310	4,330
Miscellaneous Products	17	41	58	84	22	6	112
Total Stocks, All Oils	14,447	2,847	17,294	39,951	8,961	13,329	62,241

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,126	24,391	13,173	950	304	40,944	2,598	20,076	82,561
Petroleum Products	10,483	59,670	40,844	3,901	1,120	116,018	9,787	48,817	235,214
Hydrocarbon Gas Liquids	3,108	1,626	1,205	14	79	6,032	408	1,588	12,807
Natural Gas Liquids	2,424	1,222	1,090	14	79	4,829	310	1,561	10,797
Ethane	22	1	—	—	—	23	—	—	23
Propane	653	236	80	2	4	975	29	92	2,605
Normal Butane	1,553	757	403	8	73	2,794	194	1,114	5,823
Isobutane	196	197	322	4	2	721	80	353	1,746
Natural Gasoline	—	31	285	—	—	316	7	2	600
Refinery Olefins	684	404	115	0	0	1,203	98	27	2,010
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	484	52	64	0	0	600	7	11	1,168
Normal Butylene	200	352	51	0	0	603	91	16	837
Isobutylene	0	0	0	0	0	0	0	0	5
Biofuels/Other Hydrocarbons	36	772	115	28	5	956	94	966	2,398
Biofuels (including Fuel Ethanol)	36	772	115	28	5	956	94	966	2,377
Fuel Ethanol	29	733	66	22	4	854	86	187	1,465
Biodiesel	7	39	49	6	1	102	8	6	139
Renewable Diesel Fuel	—	—	—	—	—	—	—	773	773
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	21
Unfinished Oils	2,380	21,405	13,705	1,119	471	39,080	2,746	17,704	76,398
Naphthas and Lighter	960	6,098	1,540	225	128	8,951	566	2,918	16,603
Kerosene and Light Gas Oils	369	3,486	2,084	230	119	6,288	518	3,029	12,675
Heavy Gas Oils	664	8,539	7,354	559	224	17,340	979	8,195	33,623
Residuum	387	3,282	2,727	105	—	6,501	683	3,562	13,497
Motor Gasoline Blending Components (MGBC)	2,669	13,304	10,395	308	237	26,913	2,828	14,471	60,579
Reformulated - RBOB	136	1,046	74	—	6	1,262	—	5,291	8,713
Conventional	2,533	12,258	10,321	308	231	25,651	2,828	9,180	51,866
CBOB	1,356	3,885	5,443	238	29	10,951	1,516	2,487	21,136
GTAB	—	—	—	—	—	—	—	—	—
Other	1,177	8,373	4,878	70	202	14,700	1,312	6,693	30,730
Aviation Gasoline Blending Components	21	—	18	—	—	39	—	—	39
Finished Motor Gasoline	93	2,087	1,056	13	6	3,255	659	592	5,397
Reformulated	—	—	—	—	—	—	—	17	17
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	17	17
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	93	2,087	1,056	13	6	3,255	659	575	5,380
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	67	—	67
Ed55 and Lower	—	—	—	—	—	—	67	—	67
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	93	2,087	1,056	13	6	3,255	592	575	5,313
Finished Aviation Gasoline	38	135	129	—	—	302	9	161	516
Kerosene-Type Jet Fuel	316	2,888	1,633	49	—	4,886	320	3,435	11,157
Kerosene	23	70	1	3	—	97	1	2	441
Distillate Fuel Oil	787	8,823	5,966	422	109	16,107	1,525	4,843	30,445
15 ppm sulfur and under	748	7,434	4,906	306	109	13,503	1,384	4,254	26,377
Greater than 15 ppm to 500 ppm sulfur	39	108	523	17	—	687	96	241	1,291
Greater than 500 ppm sulfur	—	1,281	537	99	—	1,917	45	348	2,777
Residual Fuel Oil	239	2,327	1,149	13	66	3,794	194	2,249	7,432
Less than 0.31 percent sulfur	16	—	38	—	—	54	29	25	309
0.31 to 1.00 percent sulfur	65	536	272	13	—	886	4	454	1,606
Greater than 1.00 percent sulfur	158	1,791	839	—	66	2,854	161	1,770	5,517
Petrochemical Feedstocks	50	1,457	542	4	—	2,053	—	—	2,567
Naphtha for Petro. Feed. Use	46	875	511	4	—	1,436	—	—	1,825
Other Oils for Petro. Feed. Use	4	582	31	—	—	617	—	—	742
Special Naphthas	87	541	—	182	—	810	—	25	940
Lubricants	43	1,951	2,356	884	—	5,234	—	658	7,029
Waxes	—	124	116	99	—	339	—	—	592
Petroleum Coke	91	1,704	1,619	—	—	3,414	76	1,297	6,893
Marketable	91	1,704	1,619	—	—	3,414	76	1,297	6,893
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	299	214	715	762	122	2,112	904	751	8,721
Miscellaneous Products	203	242	124	1	25	595	23	75	863
Total Stocks, All Oils	12,609	84,061	54,017	4,851	1,424	156,962	12,385	68,893	317,775

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	4,886	756	5,642	9,555	2,260	1,865	13,680
Petroleum Products	9,613	2,130	11,743	28,126	7,511	11,246	46,883
Hydrocarbon Gas Liquids	576	42	618	2,153	399	1,345	3,897
Natural Gas Liquids	423	42	465	1,816	370	1,328	3,514
Ethane	—	—	—	—	—	—	—
Propane	103	2	105	484	48	724	1,256
Normal Butane	252	26	278	945	284	148	1,377
Isobutane	68	14	82	233	38	223	494
Natural Gasoline	—	—	—	154	—	233	387
Refinery Olefins	153	0	153	337	29	17	383
Ethylene	—	—	—	—	—	—	—
Propylene	137	0	137	336	29	7	372
Normal Butylene	0	0	0	1	0	10	11
Isobutylene	16	0	16	0	0	0	0
Biofuels/Other Hydrocarbons	101	87	188	40	56	27	123
Biofuels (including Fuel Ethanol)	101	87	188	30	56	27	113
Fuel Ethanol	101	78	179	24	47	23	94
Biodiesel	—	9	9	6	9	4	19
Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	10	—	—	10
Unfinished Oils	3,092	341	3,433	8,538	714	3,936	13,188
Naphthas and Lighter	665	190	855	1,740	154	1,041	2,935
Kerosene and Light Gas Oils	431	—	431	2,117	341	348	2,806
Heavy Gas Oils	1,400	144	1,544	3,279	219	1,756	5,254
Residuum	596	7	603	1,402	—	791	2,193
Motor Gasoline Blending Components (MGBC)	2,992	242	3,234	7,690	1,935	2,954	12,579
Reformulated - RBOB	1,281	—	1,281	777	—	—	777
Conventional	1,711	242	1,953	6,913	1,935	2,954	11,802
CBOB	43	186	229	2,824	1,072	2,033	5,929
GTAB	—	—	—	—	—	—	—
Other	1,668	56	1,724	4,089	863	921	5,873
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	19	19	258	82	150	490
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	19	19	258	82	150	490
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	19	19	258	82	150	490
Finished Aviation Gasoline	—	—	—	—	62	—	62
Kerosene-Type Jet Fuel	508	—	508	1,190	216	225	1,631
Kerosene	78	6	84	62	—	32	94
Distillate Fuel Oil	1,101	279	1,380	3,153	909	1,706	5,768
15 ppm sulfur and under	867	171	1,038	3,031	783	1,492	5,306
Greater than 15 ppm to 500 ppm sulfur	35	91	126	—	—	103	103
Greater than 500 ppm sulfur	199	17	216	122	126	111	359
Residual Fuel Oil	347	20	367	779	204	82	1,065
Less than 0.31 percent sulfur	—	18	18	216	—	—	216
0.31 to 1.00 percent sulfur	100	2	102	140	75	27	242
Greater than 1.00 percent sulfur	247	—	247	423	129	55	607
Petrochemical Feedstocks	—	—	—	528	—	—	528
Naphtha for Petro. Feed. Use	—	—	—	393	—	—	393
Other Oils for Petro. Feed. Use	—	—	—	135	—	—	135
Special Naphthas	—	34	34	65	—	10	75
Lubricants	665	305	970	—	—	227	227
Waxes	—	221	221	—	—	47	47
Petroleum Coke	—	—	—	864	1,530	225	2,619
Marketable	—	—	—	864	1,530	225	2,619
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	137	484	621	2,718	1,370	270	4,358
Miscellaneous Products	16	50	66	88	34	10	132
Total Stocks, All Oils	14,499	2,886	17,385	37,681	9,771	13,111	60,563

See footnotes at end of table.

Table 22. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, December 2022
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,907	27,699	14,311	1,154	270	45,341	2,449	20,535	87,647
Petroleum Products	10,602	56,946	41,556	3,883	1,129	114,116	10,451	49,914	233,107
Hydrocarbon Gas Liquids	2,888	1,893	1,352	13	59	6,205	408	1,321	12,449
Natural Gas Liquids	2,167	1,533	1,192	12	59	4,963	330	1,304	10,576
Ethane	17	1	—	—	—	18	—	—	18
Propane	450	400	72	3	3	928	41	130	2,460
Normal Butane	1,397	897	485	6	55	2,840	210	898	5,603
Isobutane	240	209	342	3	1	795	74	274	1,719
Natural Gasoline	63	26	293	—	—	382	5	2	776
Refinery Olefins	721	360	160	1	0	1,242	78	17	1,873
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	704	45	56	0	0	805	10	14	1,338
Normal Butylene	17	315	104	1	0	437	68	3	519
Isobutylene	0	0	0	0	0	0	0	0	16
Biofuels/Other Hydrocarbons	48	1,075	142	27	8	1,300	104	1,277	2,992
Biofuels (including Fuel Ethanol)	48	1,075	142	27	8	1,300	104	1,277	2,982
Fuel Ethanol	30	1,055	96	20	4	1,205	94	173	1,745
Biodiesel	18	20	46	7	4	95	10	7	140
Renewable Diesel Fuel	—	—	—	—	—	—	—	1,097	1,097
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	10
Unfinished Oils	2,802	23,743	13,620	1,114	574	41,853	2,995	17,816	79,285
Naphthas and Lighter	1,201	6,475	1,644	256	152	9,728	640	2,517	16,675
Kerosene and Light Gas Oils	541	3,759	1,621	187	247	6,355	709	3,004	13,305
Heavy Gas Oils	605	10,440	7,694	557	175	19,471	943	8,907	36,119
Residuum	455	3,069	2,661	114	—	6,299	703	3,388	13,186
Motor Gasoline Blending Components (MGBC)	2,645	11,195	10,706	208	177	24,931	3,041	13,958	57,743
Reformulated - RBOB	159	832	161	—	6	1,158	—	5,443	8,659
Conventional	2,486	10,363	10,545	208	171	23,773	3,041	8,515	49,084
CBOB	1,327	3,297	5,645	143	23	10,435	1,685	2,428	20,706
GTAB	—	—	—	—	—	—	—	—	—
Other	1,159	7,066	4,900	65	148	13,338	1,356	6,087	28,378
Aviation Gasoline Blending Components	20	—	13	—	—	33	—	—	33
Finished Motor Gasoline	77	1,979	1,458	38	6	3,558	778	743	5,588
Reformulated	—	—	—	—	—	—	—	15	15
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	15	15
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	77	1,979	1,458	38	6	3,558	778	728	5,573
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	58	—	58
Ed55 and Lower	—	—	—	—	—	—	58	—	58
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	77	1,979	1,458	38	6	3,558	720	728	5,515
Finished Aviation Gasoline	48	199	147	—	—	394	9	205	670
Kerosene-Type Jet Fuel	262	2,041	1,816	29	—	4,148	372	3,506	10,165
Kerosene	28	22	1	3	—	54	2	2	236
Distillate Fuel Oil	866	6,120	5,354	335	15	12,690	1,650	5,346	26,834
15 ppm sulfur and under	849	4,974	4,303	209	15	10,350	1,509	4,779	22,982
Greater than 15 ppm to 500 ppm sulfur	17	115	372	30	—	534	93	199	1,055
Greater than 500 ppm sulfur	—	1,031	679	96	—	1,806	48	368	2,797
Residual Fuel Oil	219	2,455	1,889	12	113	4,688	210	2,610	8,940
Less than 0.31 percent sulfur	24	—	36	—	—	60	26	36	356
0.31 to 1.00 percent sulfur	61	599	298	12	—	970	4	430	1,748
Greater than 1.00 percent sulfur	134	1,856	1,555	—	113	3,658	180	2,144	6,836
Petrochemical Feedstocks	57	1,295	504	4	—	1,860	—	—	2,388
Naphtha for Petro. Feed. Use	55	865	466	4	—	1,390	—	—	1,783
Other Oils for Petro. Feed. Use	2	430	38	—	—	470	—	—	605
Special Naphthas	73	499	—	183	—	755	—	32	896
Lubricants	45	2,331	2,617	921	—	5,914	—	794	7,905
Waxes	—	107	129	97	—	333	—	—	601
Petroleum Coke	40	1,570	1,284	—	—	2,894	97	1,264	6,874
Marketable	40	1,570	1,284	—	—	2,894	97	1,264	6,874
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	316	179	412	898	150	1,955	769	962	8,665
Miscellaneous Products	168	243	112	1	27	551	16	78	843
Total Stocks, All Oils	12,509	84,645	55,867	5,037	1,399	159,457	12,900	70,449	320,754

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, January 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1.0	0.1	0.9	1.6	-1.5	0.9	1.1
Finished Motor Gasoline ¹	52.3	39.0	50.6	54.3	51.0	52.1	53.3
Finished Aviation Gasoline ²	-	-	-	-	0.0	-	0.0
Kerosene-Type Jet Fuel	11.1	-	9.7	8.1	4.7	3.4	6.6
Kerosene	0.2	0.2	0.2	0.4	-	0.4	0.4
Distillate Fuel Oil ³	24.4	26.9	24.7	25.5	34.0	38.4	29.6
Residual Fuel Oil	7.5	0.1	6.6	1.1	1.0	0.5	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.8	-	-	0.5
Other Oils for Petro. Feed. Use	-	-	-	0.5	-	0.1	0.3
Special Naphthas	-	0.1	0.0	-0.1	-	0.0	0.0
Lubricants	1.0	6.8	1.7	-	-	0.8	0.2
Waxes	-	-0.3	0.0	-	-	0.2	0.0
Petroleum Coke	3.1	0.7	2.8	5.6	5.8	3.5	5.1
Asphalt and Road Oil	1.3	23.3	4.1	5.0	8.3	1.1	4.5
Still Gas	4.0	1.7	3.7	3.4	3.9	4.1	3.6
Miscellaneous Products	0.2	1.6	0.4	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-6.1	0.1	-5.3	-6.5	-8.0	-5.8	-6.5

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	2.6	4.3	4.1	-0.9	-0.2	3.9	0.8	0.3	2.4
Finished Motor Gasoline ¹	54.3	45.5	43.7	31.7	52.7	45.2	49.2	51.3	48.5
Finished Aviation Gasoline ²	0.4	0.1	0.1	-	-	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel	6.7	9.4	10.1	1.5	-	9.2	5.1	18.8	9.7
Kerosene	-0.1	-	0.0	0.5	-	0.0	0.0	0.0	0.1
Distillate Fuel Oil ³	29.7	31.1	33.6	35.9	37.5	32.1	33.8	19.2	29.4
Residual Fuel Oil	1.4	0.5	1.3	-0.5	2.6	0.9	1.8	5.0	1.8
Naphtha for Petro. Feed. Use	0.7	1.9	1.4	-	-	1.6	-	-	1.0
Other Oils for Petro. Feed. Use	0.0	1.2	0.8	-	-	0.9	-	-	0.6
Special Naphthas	0.4	0.9	-	2.7	-	0.5	-	0.1	0.3
Lubricants	0.0	1.1	1.1	11.0	-	1.3	-	1.0	1.0
Waxes	-	0.0	0.1	0.4	-	0.1	-	-	0.0
Petroleum Coke	2.2	5.7	5.1	1.7	1.0	5.0	3.8	5.0	4.9
Asphalt and Road Oil	1.1	0.1	0.6	15.9	4.0	0.9	6.1	0.9	2.1
Still Gas	3.8	4.4	3.5	4.0	2.9	4.0	3.7	4.6	4.0
Miscellaneous Products	0.7	0.9	0.4	0.2	2.0	0.7	0.8	0.6	0.6
Processing Gain(-) or Loss(+) ⁴	-4.0	-7.1	-5.9	-4.2	-2.5	-6.3	-5.1	-6.8	-6.3

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, February 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1.0	0.4	0.9	2.0	-0.9	2.0	1.6
Finished Motor Gasoline ¹	49.5	37.7	48.0	52.7	51.9	50.6	52.1
Finished Aviation Gasoline ²	-	-	-	-	0.2	-	0.0
Kerosene-Type Jet Fuel	12.1	-	10.6	8.4	4.8	3.5	6.8
Kerosene	-0.1	0.1	-0.1	0.2	-	0.2	0.2
Distillate Fuel Oil ³	26.5	26.2	26.5	26.2	32.1	37.8	29.7
Residual Fuel Oil	5.8	0.0	5.1	1.0	2.0	0.5	1.1
Naphtha for Petro. Feed. Use	-	-	-	0.9	-	-	0.6
Other Oils for Petro. Feed. Use	-	-	-	0.5	-	0.1	0.4
Special Naphthas	-	0.4	0.1	0.0	-	0.1	0.0
Lubricants	1.0	6.4	1.7	-	-	0.8	0.2
Waxes	-	-0.3	0.0	-	-	0.1	0.0
Petroleum Coke	3.2	0.7	2.8	5.7	4.2	3.5	5.0
Asphalt and Road Oil	1.7	23.3	4.4	4.4	7.1	1.3	4.0
Still Gas	4.0	1.7	3.7	3.4	3.9	4.2	3.6
Miscellaneous Products	0.3	1.8	0.5	0.5	0.7	0.2	0.5
Processing Gain(-) or Loss(+) ⁴	-5.0	1.7	-4.2	-5.8	-6.0	-5.0	-5.6

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	2.8	4.3	5.1	-0.2	-0.3	4.3	1.9	1.1	2.9
Finished Motor Gasoline ¹	54.1	43.8	44.1	29.9	51.8	44.4	46.9	52.7	47.8
Finished Aviation Gasoline ²	0.4	0.1	0.0	-	-	0.1	0.0	0.1	0.1
Kerosene-Type Jet Fuel	7.2	9.4	10.6	2.6	-	9.4	5.2	17.2	9.7
Kerosene	0.1	-	0.0	0.3	-	0.0	-	0.0	0.0
Distillate Fuel Oil ³	29.3	33.2	32.0	34.3	38.4	32.5	34.8	20.0	29.9
Residual Fuel Oil	1.5	0.6	0.9	-0.3	1.3	0.8	2.1	3.7	1.5
Naphtha for Petro. Feed. Use	0.7	1.6	1.5	-	-	1.4	-	-	0.9
Other Oils for Petro. Feed. Use	0.0	0.5	0.7	-	-	0.5	-	-	0.4
Special Naphthas	0.3	0.5	-	2.2	-	0.4	-	0.1	0.2
Lubricants	0.1	1.4	1.3	12.2	-	1.6	-	0.8	1.1
Waxes	-	0.1	0.1	0.3	-	0.1	-	-	0.0
Petroleum Coke	2.2	5.6	5.4	1.8	0.9	5.1	4.2	5.7	5.0
Asphalt and Road Oil	0.9	0.2	0.5	15.8	1.1	0.9	4.9	0.6	2.0
Still Gas	3.9	4.3	3.7	3.5	2.6	4.0	3.9	5.1	4.0
Miscellaneous Products	0.7	0.7	0.4	0.2	1.7	0.6	0.8	0.6	0.6
Processing Gain(-) or Loss(+) ⁴	-4.3	-6.3	-6.4	-2.6	2.7	-6.0	-4.6	-7.6	-6.0

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, March 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	2.3	2.7	2.3	3.2	0.7	3.1	2.9
Finished Motor Gasoline ¹	47.7	31.5	46.5	52.2	49.6	47.5	50.8
Finished Aviation Gasoline ²	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	11.7	-	10.8	7.2	5.0	3.5	6.1
Kerosene	0.3	-	0.3	0.0	-	0.0	0.0
Distillate Fuel Oil ³	26.9	29.3	27.1	26.8	32.8	39.9	30.6
Residual Fuel Oil	6.9	0.1	6.4	1.1	0.5	0.6	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.4
Other Oils for Petro. Feed. Use	-	-	-	0.5	-	0.1	0.4
Special Naphthas	-	0.8	0.1	-0.1	-	0.0	-0.1
Lubricants	0.9	10.9	1.6	-	-	0.7	0.2
Waxes	-	-0.8	-0.1	-	-	0.1	0.0
Petroleum Coke	3.7	0.4	3.4	5.1	6.1	3.7	4.9
Asphalt and Road Oil	1.5	16.2	2.6	5.0	8.5	1.5	4.7
Still Gas	4.3	2.1	4.1	3.5	3.9	4.4	3.8
Miscellaneous Products	0.3	3.0	0.5	0.5	0.8	0.2	0.5
Processing Gain(-) or Loss(+) ⁴	-6.4	4.0	-5.6	-5.6	-8.0	-5.4	-5.9

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	3.6	5.4	5.1	0.9	1.3	5.0	2.1	2.5	3.9
Finished Motor Gasoline ¹	52.3	42.9	43.5	28.9	54.1	43.5	47.4	50.1	46.4
Finished Aviation Gasoline ²	0.4	0.1	0.1	-	-	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel	7.7	8.3	9.9	2.5	-	8.6	5.3	15.5	9.0
Kerosene	-0.1	0.0	0.0	0.1	-	0.0	-	0.0	0.0
Distillate Fuel Oil ³	30.3	33.6	33.1	35.6	38.3	33.3	34.0	21.9	30.8
Residual Fuel Oil	1.6	1.3	1.0	-0.1	1.9	1.2	2.0	4.8	1.9
Naphtha for Petro. Feed. Use	0.7	1.8	1.0	-	-	1.4	-	-	0.8
Other Oils for Petro. Feed. Use	0.1	1.1	0.8	-	-	0.9	-	-	0.6
Special Naphthas	0.3	0.6	-	2.9	-	0.4	-	0.1	0.2
Lubricants	0.0	1.2	1.8	10.1	-	1.6	-	0.5	1.0
Waxes	-	0.0	0.1	0.3	-	0.1	-	-	0.0
Petroleum Coke	2.2	5.5	4.9	2.2	0.8	4.9	4.2	5.5	4.9
Asphalt and Road Oil	1.1	0.2	1.0	14.9	1.7	1.0	5.5	1.1	2.1
Still Gas	3.7	4.2	3.4	3.5	2.5	3.8	3.5	5.1	4.0
Miscellaneous Products	0.8	0.7	0.4	0.2	1.6	0.6	0.8	0.6	0.6
Processing Gain(-) or Loss(+) ⁴	-4.7	-6.8	-6.1	-2.0	-2.0	-6.2	-4.7	-7.6	-6.3

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, April 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	3.7	1.5	3.6	5.6	2.8	3.8	4.8
Finished Motor Gasoline ¹	44.9	21.8	43.8	50.5	48.9	48.0	49.7
Finished Aviation Gasoline ²	-	-	-	-	0.2	-	0.0
Kerosene-Type Jet Fuel	15.6	-	14.9	8.4	5.4	4.3	7.1
Kerosene	0.2	-	0.2	0.0	-	-	0.0
Distillate Fuel Oil ³	24.8	33.5	25.2	26.0	31.1	38.4	29.5
Residual Fuel Oil	6.4	-	6.1	1.1	0.9	0.6	1.0
Naphtha for Petro. Feed. Use	-	-	-	0.6	-	-	0.4
Other Oils for Petro. Feed. Use	-	-	-	0.5	-	0.1	0.3
Special Naphthas	-	1.0	0.1	-0.1	-	0.1	0.0
Lubricants	0.8	18.0	1.6	-	-	0.4	0.1
Waxes	-	-1.3	-0.1	-	-	0.1	0.0
Petroleum Coke	3.2	0.4	3.0	4.9	5.6	3.6	4.7
Asphalt and Road Oil	1.8	16.6	2.5	4.5	7.9	1.1	4.2
Still Gas	4.0	1.8	3.9	3.7	4.0	4.2	3.8
Miscellaneous Products	0.2	2.2	0.3	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-5.7	4.5	-5.2	-6.0	-7.4	-4.8	-5.9

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	4.4	6.5	5.8	1.0	2.0	5.9	2.5	2.9	5.0
Finished Motor Gasoline ¹	51.4	42.0	43.0	28.0	52.8	42.7	48.1	50.1	45.6
Finished Aviation Gasoline ²	0.3	0.1	0.1	-	-	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel	7.3	10.3	10.7	2.2	-	9.9	5.9	18.3	10.5
Kerosene	0.0	0.0	0.0	0.0	-	0.0	-	0.0	0.0
Distillate Fuel Oil ³	31.1	31.3	33.0	35.6	38.4	32.1	34.1	19.6	29.5
Residual Fuel Oil	1.4	0.8	0.6	0.0	1.9	0.7	1.9	3.5	1.4
Naphtha for Petro. Feed. Use	0.7	1.9	0.9	-	-	1.4	-	-	0.8
Other Oils for Petro. Feed. Use	0.1	1.3	1.1	-	-	1.1	-	-	0.7
Special Naphthas	0.2	0.5	-	2.8	-	0.4	-	0.1	0.2
Lubricants	0.1	1.1	1.9	10.8	-	1.6	-	0.2	1.0
Waxes	-	0.0	0.1	0.2	-	0.1	-	-	0.0
Petroleum Coke	1.8	5.9	5.4	2.1	0.8	5.2	3.4	5.8	5.0
Asphalt and Road Oil	1.4	0.3	0.5	17.1	2.8	0.9	4.9	1.3	1.9
Still Gas	3.5	4.5	3.5	3.5	2.4	4.0	3.8	4.9	4.1
Miscellaneous Products	0.7	0.7	0.5	0.2	1.9	0.6	0.7	0.6	0.5
Processing Gain(-) or Loss(+) ⁴	-4.3	-7.2	-6.9	-3.7	-3.0	-6.7	-5.5	-7.1	-6.5

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, May 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4.7	3.1	4.6	5.9	4.2	3.1	5.0
Finished Motor Gasoline ¹	43.3	36.1	42.6	48.5	46.7	47.8	48.1
Finished Aviation Gasoline ²	-	-	-	-	0.1	-	0.0
Kerosene-Type Jet Fuel	13.7	-	12.2	8.6	4.8	3.7	7.0
Kerosene	0.0	-	0.0	0.0	-	-	0.0
Distillate Fuel Oil ³	27.0	25.6	26.9	26.5	32.5	39.3	30.3
Residual Fuel Oil	6.6	0.2	5.9	1.2	0.8	0.5	1.0
Naphtha for Petro. Feed. Use	-	-	-	0.6	-	-	0.4
Other Oils for Petro. Feed. Use	-	-	-	0.5	-	0.1	0.3
Special Naphthas	-	0.3	0.0	-0.1	-	0.1	0.0
Lubricants	0.9	7.3	1.6	-	-	0.8	0.2
Waxes	-	-0.2	0.0	-	-	0.1	0.0
Petroleum Coke	3.0	0.8	2.7	4.9	5.4	3.3	4.6
Asphalt and Road Oil	1.9	24.4	4.3	4.7	7.6	1.5	4.4
Still Gas	3.8	0.5	3.4	3.3	3.9	4.0	3.6
Miscellaneous Products	0.2	0.8	0.3	0.4	0.6	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-5.1	1.2	-4.4	-5.1	-6.6	-4.3	-5.1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	4.2	6.7	5.4	1.3	1.7	5.9	2.2	3.3	5.1
Finished Motor Gasoline ¹	49.1	41.8	43.4	27.6	53.0	42.6	46.8	51.0	45.2
Finished Aviation Gasoline ²	0.3	0.1	0.1	-	-	0.1	-	0.1	0.1
Kerosene-Type Jet Fuel	7.7	10.7	10.9	1.2	-	10.2	6.7	18.1	10.5
Kerosene	0.0	0.1	0.0	0.0	-	0.1	-	0.0	0.0
Distillate Fuel Oil ³	33.4	31.1	32.5	36.9	40.8	32.0	34.1	19.9	29.8
Residual Fuel Oil	1.5	1.0	0.6	-0.1	1.1	0.8	2.1	3.2	1.5
Naphtha for Petro. Feed. Use	0.4	1.6	1.2	-	-	1.3	-	-	0.8
Other Oils for Petro. Feed. Use	0.1	1.2	1.2	-	-	1.1	-	-	0.7
Special Naphthas	0.4	0.6	-	3.0	-	0.4	-	0.1	0.2
Lubricants	0.1	1.2	1.8	12.1	-	1.6	-	0.7	1.1
Waxes	-	0.0	0.1	0.4	-	0.1	-	-	0.0
Petroleum Coke	2.2	5.8	5.3	1.9	0.7	5.2	2.6	6.0	5.0
Asphalt and Road Oil	0.9	0.3	0.6	14.4	1.4	0.9	5.3	1.3	2.0
Still Gas	3.9	4.4	3.6	3.5	2.5	4.0	3.6	5.2	4.0
Miscellaneous Products	0.7	0.7	0.4	0.2	1.8	0.6	0.6	0.5	0.5
Processing Gain(-) or Loss(+) ⁴	-4.8	-7.2	-7.1	-2.4	-3.1	-6.8	-4.0	-9.3	-6.6

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, June 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4.2	3.2	4.1	5.9	3.6	3.0	5.0
Finished Motor Gasoline ¹	46.7	34.7	45.3	49.4	49.7	48.1	49.2
Finished Aviation Gasoline ²	-	-	-	-	0.0	-	0.0
Kerosene-Type Jet Fuel	12.9	-	11.4	8.4	5.1	3.3	6.8
Kerosene	-0.1	-	-0.1	0.1	-	-	0.1
Distillate Fuel Oil ³	25.7	24.9	25.6	26.0	29.6	38.8	29.5
Residual Fuel Oil	6.0	0.1	5.3	1.1	0.7	0.6	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.6	-	-	0.4
Other Oils for Petro. Feed. Use	-	-	-	0.5	-	0.0	0.3
Special Naphthas	-	0.4	0.1	-0.1	-	0.0	0.0
Lubricants	0.9	6.1	1.5	-	-	0.8	0.2
Waxes	-	-0.1	0.0	-	-	0.1	0.0
Petroleum Coke	3.1	0.7	2.9	4.8	9.5	3.3	5.1
Asphalt and Road Oil	1.6	24.9	4.2	4.6	8.5	1.6	4.4
Still Gas	3.7	0.6	3.4	3.5	3.9	3.8	3.6
Miscellaneous Products	0.2	2.0	0.4	0.4	0.6	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-4.8	2.5	-4.0	-5.3	-11.3	-3.7	-5.7

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	4.6	6.4	5.4	1.1	1.7	5.7	2.6	3.6	5.0
Finished Motor Gasoline ¹	51.6	42.9	43.7	28.1	54.8	43.6	46.8	49.9	46.0
Finished Aviation Gasoline ²	0.3	0.0	0.1	-	-	0.1	-	0.0	0.0
Kerosene-Type Jet Fuel	7.1	10.1	10.6	1.4	-	9.7	5.6	16.4	9.9
Kerosene	-0.1	0.0	0.0	0.0	-	0.0	-	0.0	0.0
Distillate Fuel Oil ³	32.1	32.1	33.5	36.5	38.4	32.8	34.1	20.9	30.1
Residual Fuel Oil	1.3	0.7	-0.1	-0.2	1.0	0.4	1.7	3.1	1.2
Naphtha for Petro. Feed. Use	0.2	1.2	1.3	-	-	1.1	-	-	0.7
Other Oils for Petro. Feed. Use	0.1	1.0	1.2	-	-	1.0	-	-	0.6
Special Naphthas	0.3	0.5	-	2.8	-	0.4	-	0.0	0.2
Lubricants	0.1	1.2	1.6	12.6	-	1.6	-	0.4	1.0
Waxes	-	0.0	0.1	0.3	-	0.1	-	-	0.0
Petroleum Coke	2.2	5.9	5.2	2.2	0.7	5.2	2.9	5.6	5.0
Asphalt and Road Oil	1.1	0.3	0.6	15.2	1.3	0.9	6.7	1.4	2.2
Still Gas	3.8	4.4	3.6	3.9	2.6	4.1	3.5	5.2	4.1
Miscellaneous Products	0.7	0.7	0.5	0.2	1.7	0.6	0.5	0.6	0.6
Processing Gain(-) or Loss(+) ⁴	-5.4	-7.6	-7.2	-4.3	-2.2	-7.1	-4.3	-6.9	-6.5

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, July 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4.3	3.3	4.2	5.9	3.5	3.0	4.9
Finished Motor Gasoline ¹	46.1	35.9	45.0	49.6	46.7	49.0	49.1
Finished Aviation Gasoline ²	-	-	-	-	0.2	-	0.0
Kerosene-Type Jet Fuel	13.0	-	11.6	9.0	6.3	3.6	7.5
Kerosene	0.2	0.1	0.2	0.1	-	0.0	0.1
Distillate Fuel Oil ³	25.6	22.5	25.3	24.9	32.6	38.2	28.8
Residual Fuel Oil	5.6	-	5.0	1.0	1.3	0.5	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.6	-	-	0.4
Other Oils for Petro. Feed. Use	-	-	-	0.4	-	-	0.3
Special Naphthas	-	0.7	0.1	0.0	-	0.0	0.0
Lubricants	1.0	6.7	1.6	-	-	1.0	0.2
Waxes	-	-0.3	0.0	-	-	0.2	0.0
Petroleum Coke	3.0	0.7	2.8	4.9	6.1	3.5	4.7
Asphalt and Road Oil	1.7	24.7	4.2	5.3	5.8	1.3	4.5
Still Gas	3.6	1.9	3.4	3.4	4.1	4.0	3.7
Miscellaneous Products	0.3	1.9	0.4	0.4	0.8	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-4.4	1.9	-3.7	-5.5	-7.4	-4.5	-5.5

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	5.1	6.4	5.1	1.0	1.7	5.6	3.1	3.4	5.0
Finished Motor Gasoline ¹	51.5	42.9	42.1	29.0	53.1	43.0	46.5	50.2	45.6
Finished Aviation Gasoline ²	0.4	0.1	0.1	-	-	0.1	0.1	-	0.1
Kerosene-Type Jet Fuel	7.1	10.0	10.3	1.5	-	9.6	5.8	18.0	10.2
Kerosene	0.0	0.1	0.0	0.0	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	30.6	31.9	34.5	36.3	40.8	33.0	33.8	19.9	29.9
Residual Fuel Oil	1.4	1.0	0.5	-0.4	0.6	0.8	1.8	2.4	1.3
Naphtha for Petro. Feed. Use	0.2	1.4	1.3	-	-	1.2	-	-	0.8
Other Oils for Petro. Feed. Use	0.0	1.2	1.4	-	-	1.2	-	-	0.7
Special Naphthas	0.3	0.5	-	2.8	-	0.4	-	0.0	0.2
Lubricants	0.1	1.1	1.6	10.6	-	1.5	-	0.2	1.0
Waxes	-	0.0	0.1	0.3	-	0.1	-	-	0.0
Petroleum Coke	2.3	5.8	5.1	1.3	0.7	5.1	3.6	5.6	4.9
Asphalt and Road Oil	1.0	0.3	0.8	15.6	1.9	1.0	5.6	1.4	2.2
Still Gas	3.9	4.7	3.7	3.8	2.0	4.2	3.7	5.3	4.2
Miscellaneous Products	0.7	0.7	0.5	0.2	1.6	0.6	0.7	0.5	0.6
Processing Gain(-) or Loss(+) ⁴	-4.7	-8.1	-6.9	-2.2	-2.2	-7.2	-4.5	-7.0	-6.5

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, August 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	4.4	2.2	4.2	5.3	4.1	2.7	4.5
Finished Motor Gasoline ¹	45.0	33.0	43.7	48.9	46.7	47.7	48.3
Finished Aviation Gasoline ²	-	-	-	-	0.3	-	0.0
Kerosene-Type Jet Fuel	13.8	-	12.4	8.4	6.4	3.5	7.0
Kerosene	0.3	-	0.3	0.1	-	0.0	0.1
Distillate Fuel Oil ³	26.4	26.9	26.5	26.4	31.9	39.6	30.2
Residual Fuel Oil	5.3	0.2	4.8	1.0	1.0	0.5	0.9
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.5
Other Oils for Petro. Feed. Use	-	-	-	0.4	-	-	0.3
Special Naphthas	-	0.4	0.0	0.0	-	0.1	0.0
Lubricants	0.7	8.1	1.4	-	-	0.9	0.2
Waxes	-	-0.1	0.0	-	-	0.2	0.0
Petroleum Coke	3.2	0.6	3.0	5.0	6.1	3.5	4.8
Asphalt and Road Oil	2.1	23.7	4.3	4.7	6.6	1.3	4.1
Still Gas	3.7	1.8	3.5	3.5	4.0	3.9	3.7
Miscellaneous Products	0.2	1.3	0.3	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-5.1	2.0	-4.4	-4.7	-7.9	-4.2	-5.0

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	4.6	6.0	5.3	1.0	1.4	5.4	3.0	3.1	4.8
Finished Motor Gasoline ¹	51.0	43.6	41.9	28.9	52.5	43.2	47.4	49.2	45.4
Finished Aviation Gasoline ²	0.4	0.1	0.1	-	-	0.1	0.0	0.1	0.1
Kerosene-Type Jet Fuel	7.4	9.7	9.7	0.9	-	9.2	5.3	18.6	10.0
Kerosene	0.0	0.2	0.0	0.1	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	31.0	32.2	34.2	38.1	41.0	33.1	33.9	19.3	30.2
Residual Fuel Oil	1.5	1.3	1.2	-0.2	0.6	1.3	1.7	3.3	1.7
Naphtha for Petro. Feed. Use	0.2	1.2	1.1	-	-	1.0	-	-	0.7
Other Oils for Petro. Feed. Use	0.1	0.9	1.5	-	-	1.0	-	-	0.6
Special Naphthas	0.2	0.5	-	2.9	-	0.3	-	0.0	0.2
Lubricants	0.0	0.7	1.4	9.6	-	1.2	-	0.2	0.8
Waxes	-	0.0	0.1	0.4	-	0.1	-	-	0.0
Petroleum Coke	2.3	5.7	5.2	1.6	0.8	5.1	3.5	5.4	4.9
Asphalt and Road Oil	0.8	0.3	0.8	15.3	1.6	1.0	5.2	1.3	2.1
Still Gas	4.1	4.5	3.5	3.2	2.8	4.0	3.8	5.3	4.1
Miscellaneous Products	0.8	0.7	0.5	0.2	1.8	0.6	0.7	0.5	0.5
Processing Gain(-) or Loss(+) ⁴	-4.5	-7.5	-6.3	-1.9	-2.5	-6.6	-4.5	-6.2	-6.0

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, September 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	3.0	0.8	2.7	3.2	1.8	2.4	2.8
Finished Motor Gasoline ¹	46.6	38.1	45.6	50.5	49.0	48.7	49.9
Finished Aviation Gasoline ²	-	-	-	-	0.2	-	0.0
Kerosene-Type Jet Fuel	12.5	-	11.0	8.4	5.0	3.3	6.8
Kerosene	0.8	0.1	0.7	0.0	-	0.1	0.0
Distillate Fuel Oil ³	26.1	24.5	25.9	27.6	32.5	38.2	30.6
Residual Fuel Oil	5.6	0.1	5.0	1.1	1.0	0.6	1.0
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.5
Other Oils for Petro. Feed. Use	-	-	-	0.4	-	-	0.3
Special Naphthas	-	0.5	0.1	-0.1	-	0.1	0.0
Lubricants	0.9	6.9	1.7	-	-	0.9	0.2
Waxes	-	-0.5	-0.1	-	-	0.2	0.0
Petroleum Coke	3.2	0.6	2.9	4.8	5.2	3.5	4.6
Asphalt and Road Oil	2.5	23.9	5.0	5.4	8.1	1.8	4.9
Still Gas	3.6	1.5	3.4	3.4	3.9	4.0	3.6
Miscellaneous Products	0.3	1.3	0.4	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-5.1	2.3	-4.2	-5.9	-7.4	-4.0	-5.7

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	4.5	4.8	4.5	0.2	1.2	4.5	2.2	2.6	3.7
Finished Motor Gasoline ¹	50.6	43.3	43.8	30.0	55.0	43.8	47.4	49.6	46.2
Finished Aviation Gasoline ²	0.4	0.1	0.1	-	-	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel	6.4	9.9	8.4	1.0	-	8.7	5.4	18.8	9.6
Kerosene	0.0	0.1	0.0	0.2	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	31.9	32.7	36.0	36.6	37.6	34.0	33.8	19.7	30.9
Residual Fuel Oil	1.6	1.6	1.0	0.2	1.0	1.3	1.9	3.9	1.8
Naphtha for Petro. Feed. Use	0.2	1.3	1.0	-	-	1.0	-	-	0.7
Other Oils for Petro. Feed. Use	0.0	1.0	1.4	-	-	1.0	-	-	0.6
Special Naphthas	0.2	0.4	-	2.8	-	0.3	-	0.0	0.2
Lubricants	0.0	1.0	1.6	10.1	-	1.4	-	0.4	0.9
Waxes	-	0.0	0.1	0.4	-	0.1	-	-	0.0
Petroleum Coke	2.2	5.8	5.2	2.0	0.7	5.1	3.4	5.5	4.9
Asphalt and Road Oil	0.9	0.2	0.6	14.3	1.9	0.8	6.4	1.4	2.3
Still Gas	3.9	4.6	3.4	3.4	2.7	4.0	3.8	5.5	4.1
Miscellaneous Products	0.7	0.7	0.5	0.2	1.6	0.6	0.7	0.5	0.6
Processing Gain(-) or Loss(+) ⁴	-3.5	-7.5	-7.3	-1.3	-1.7	-6.9	-4.8	-7.7	-6.5

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, October 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	2.5	-0.4	2.1	1.5	0.6	1.9	1.4
Finished Motor Gasoline ¹	48.2	38.9	47.0	50.7	51.9	50.2	50.8
Finished Aviation Gasoline ²	-	-	-	-	0.1	-	0.0
Kerosene-Type Jet Fuel	13.0	-	11.5	9.1	4.5	3.4	7.1
Kerosene	0.7	0.2	0.6	0.1	-	0.2	0.1
Distillate Fuel Oil ³	26.4	26.5	26.4	28.1	35.1	39.4	31.8
Residual Fuel Oil	5.6	0.3	4.9	1.2	1.1	0.6	1.0
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.4
Other Oils for Petro. Feed. Use	-	-	-	0.5	-	-	0.3
Special Naphthas	-	0.3	0.0	-0.1	-	0.1	0.0
Lubricants	0.9	6.8	1.6	-	-	0.7	0.2
Waxes	-	-0.5	-0.1	-	-	0.1	0.0
Petroleum Coke	3.3	0.7	3.0	4.9	5.7	3.5	4.7
Asphalt and Road Oil	2.2	24.4	4.9	5.2	5.7	1.2	4.3
Still Gas	3.6	1.3	3.3	3.6	3.8	4.0	3.7
Miscellaneous Products	0.3	1.2	0.4	0.4	0.7	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-6.5	0.4	-5.6	-5.7	-9.2	-5.3	-6.1

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	2.3	4.0	4.1	-0.1	0.0	3.7	1.0	0.1	2.5
Finished Motor Gasoline ¹	53.1	44.4	43.0	33.1	55.0	44.3	49.5	51.9	47.2
Finished Aviation Gasoline ²	0.5	0.1	0.1	-	-	0.1	0.0	0.1	0.1
Kerosene-Type Jet Fuel	7.2	9.4	9.1	1.1	-	8.8	5.5	18.1	9.7
Kerosene	0.0	0.2	-0.1	0.4	-	0.1	-	0.0	0.1
Distillate Fuel Oil ³	32.0	32.8	35.8	36.4	36.8	34.0	33.3	20.3	31.1
Residual Fuel Oil	1.4	1.0	0.8	0.2	1.8	0.9	1.7	3.8	1.6
Naphtha for Petro. Feed. Use	0.5	1.2	1.1	-	-	1.1	-	-	0.7
Other Oils for Petro. Feed. Use	0.0	1.2	1.1	-	-	1.0	-	-	0.6
Special Naphthas	0.3	0.5	-	2.5	-	0.3	-	0.0	0.2
Lubricants	0.1	0.7	1.5	10.5	-	1.2	-	0.7	0.9
Waxes	-	0.0	0.0	0.3	-	0.1	-	-	0.0
Petroleum Coke	2.0	5.6	5.1	2.3	0.7	5.0	3.5	5.7	4.9
Asphalt and Road Oil	0.8	0.2	1.0	14.4	3.9	1.0	6.2	1.3	2.2
Still Gas	3.8	4.4	3.5	3.5	2.9	4.0	3.3	5.2	4.0
Miscellaneous Products	0.6	0.7	0.5	0.3	1.3	0.6	0.7	0.6	0.5
Processing Gain(-) or Loss(+) ⁴	-4.6	-6.3	-6.5	-4.9	-2.4	-6.2	-4.8	-7.7	-6.3

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, November 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1.3	-1.3	1.0	1.1	-3.0	1.3	0.6
Finished Motor Gasoline ¹	48.5	40.1	47.6	51.0	52.0	50.3	51.0
Finished Aviation Gasoline ²	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	11.8	-	10.5	8.9	4.8	3.2	7.0
Kerosene	1.0	0.3	0.9	0.3	-	0.3	0.3
Distillate Fuel Oil ³	27.9	24.7	27.5	27.5	34.6	39.7	31.3
Residual Fuel Oil	5.3	0.1	4.7	1.2	0.7	0.7	1.0
Naphtha for Petro. Feed. Use	-	-	-	0.8	-	-	0.5
Other Oils for Petro. Feed. Use	-	-	-	0.4	-	-	0.2
Special Naphthas	-	0.3	0.0	0.0	-	0.0	0.0
Lubricants	0.8	7.2	1.5	-	-	0.6	0.2
Waxes	-	-0.7	-0.1	-	-	0.1	0.0
Petroleum Coke	2.9	0.6	2.7	5.1	5.6	3.2	4.7
Asphalt and Road Oil	1.7	24.9	4.3	5.8	8.1	1.2	5.0
Still Gas	3.5	1.6	3.3	3.4	3.9	4.0	3.6
Miscellaneous Products	0.2	1.4	0.4	0.4	0.8	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-5.0	0.7	-4.3	-5.8	-7.4	-4.7	-5.8

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	1.8	3.8	3.5	-0.6	-0.1	3.4	0.5	-0.4	2.0
Finished Motor Gasoline ¹	53.2	44.8	43.4	31.1	47.4	44.5	49.8	51.8	47.4
Finished Aviation Gasoline ²	0.4	0.1	0.1	-	-	0.1	0.0	0.1	0.1
Kerosene-Type Jet Fuel	7.7	10.0	9.2	0.7	-	9.2	5.3	17.7	9.8
Kerosene	-0.1	0.3	0.0	0.3	-	0.2	-	0.0	0.2
Distillate Fuel Oil ³	31.5	32.7	35.7	37.4	38.8	33.9	32.8	22.2	31.3
Residual Fuel Oil	1.9	0.8	0.5	0.2	-2.9	0.7	1.8	2.8	1.3
Naphtha for Petro. Feed. Use	0.5	1.5	1.3	-	-	1.3	-	-	0.8
Other Oils for Petro. Feed. Use	-0.1	1.2	0.7	-	-	0.9	-	-	0.5
Special Naphthas	0.3	0.4	-	2.6	-	0.3	-	0.0	0.2
Lubricants	0.1	0.9	1.4	12.0	-	1.3	-	0.7	0.9
Waxes	-	0.0	0.1	0.4	-	0.0	-	-	0.0
Petroleum Coke	2.4	5.6	5.5	2.4	0.9	5.2	3.3	5.4	4.9
Asphalt and Road Oil	0.2	0.1	0.6	14.2	1.2	0.7	6.6	1.1	2.1
Still Gas	4.0	4.2	3.6	3.6	3.2	4.0	3.4	5.0	4.0
Miscellaneous Products	0.6	0.7	0.5	0.3	1.8	0.6	0.6	0.6	0.5
Processing Gain(-) or Loss(+) ⁴	-4.3	-7.1	-5.9	-4.6	9.8	-6.2	-4.3	-6.9	-6.1

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 23. Percent Yield of Petroleum Products by PAD and Refining Districts, December 2022

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1.8	-1.1	1.5	1.0	-1.6	0.7	0.6
Finished Motor Gasoline ¹	48.5	36.4	47.2	53.0	49.8	52.2	52.4
Finished Aviation Gasoline ²	-	-	-	-	0.2	-	0.0
Kerosene-Type Jet Fuel	11.9	-	10.6	7.6	5.5	3.3	6.2
Kerosene	0.6	0.2	0.5	0.2	-	0.3	0.2
Distillate Fuel Oil ³	27.4	27.0	27.4	27.6	34.1	38.7	31.2
Residual Fuel Oil	5.5	0.5	4.9	1.1	1.4	0.6	1.0
Naphtha for Petro. Feed. Use	-	-	-	0.6	-	-	0.4
Other Oils for Petro. Feed. Use	-	-	-	0.6	-	-	0.3
Special Naphthas	-	0.0	0.0	0.0	-	0.0	0.0
Lubricants	0.8	7.4	1.5	-	-	0.5	0.1
Waxes	-	-0.6	-0.1	-	-	0.1	0.0
Petroleum Coke	2.9	0.7	2.7	5.0	5.9	3.5	4.8
Asphalt and Road Oil	1.4	25.5	4.0	4.7	8.0	0.8	4.2
Still Gas	3.6	1.7	3.4	3.4	4.0	3.9	3.6
Miscellaneous Products	0.2	1.8	0.4	0.4	0.8	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-4.6	0.6	-4.0	-5.1	-8.1	-4.8	-5.5

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	2.8	3.9	4.1	-0.5	-0.7	3.7	0.6	-0.6	2.2
Finished Motor Gasoline ¹	53.1	46.0	42.9	30.1	46.0	44.9	51.0	50.3	47.8
Finished Aviation Gasoline ²	0.4	0.1	0.1	-	-	0.1	0.0	0.1	0.1
Kerosene-Type Jet Fuel	6.8	9.9	9.9	0.7	-	9.3	5.8	18.7	9.9
Kerosene	0.0	0.4	0.0	0.5	-	0.2	0.0	0.0	0.2
Distillate Fuel Oil ³	30.4	31.5	35.7	35.5	30.2	33.2	33.0	21.1	30.7
Residual Fuel Oil	1.8	1.3	1.3	0.1	3.7	1.3	2.0	3.2	1.7
Naphtha for Petro. Feed. Use	0.4	1.3	1.2	-	-	1.2	-	-	0.7
Other Oils for Petro. Feed. Use	0.0	0.8	1.0	-	-	0.8	-	-	0.5
Special Naphthas	0.2	0.4	-	2.5	-	0.3	-	0.0	0.1
Lubricants	0.1	1.2	1.4	12.6	-	1.5	-	0.5	1.0
Waxes	-	0.0	0.1	0.2	-	0.0	-	-	0.0
Petroleum Coke	2.1	5.7	5.3	2.4	0.9	5.2	3.9	5.7	5.0
Asphalt and Road Oil	0.8	0.0	0.3	15.5	2.9	0.6	5.3	1.1	1.9
Still Gas	3.8	4.4	3.6	3.9	3.2	4.0	3.7	5.4	4.1
Miscellaneous Products	0.5	0.7	0.5	0.3	1.8	0.6	0.6	0.6	0.6
Processing Gain(-) or Loss(+) ⁴	-3.1	-7.7	-7.4	-3.6	12.0	-6.9	-5.9	-6.1	-6.3

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas liquids, fuel ethanol, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, renewable diesel fuel, and other biofuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 18 and 19.

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, January 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	515	727	1,242
Connecticut	-	-	-
Delaware	-	-	-
Florida	513	82	595
Georgia	-	95	95
Maine	-	-	-
Maryland	-	-	-
Massachusetts	-	-	-
New Hampshire	-	-	-
New Jersey	-	497	497
New York	-	-	-
North Carolina	-	-	-
Pennsylvania	-	-	-
Rhode Island	-	-	-
South Carolina	-	53	53
Vermont	2	-	2
Virginia	-	-	-
West Virginia	-	-	-
PAD District 2	15	175	190
Illinois	-	-	-
Indiana	-	-	-
Michigan	-	62	62
Minnesota	8	16	24
North Dakota	7	97	104
Ohio	-	-	-
Wisconsin	-	-	-
PAD District 3	657	2,745	3,402
Alabama	-	-	-
Louisiana	257	-	257
Mississippi	-	925	925
New Mexico	-	-	-
Texas	400	1,820	2,220
PAD District 4	-	-	-
Idaho	-	-	-
Montana	-	-	-
PAD District 5	133	164	297
Alaska	-	-	-
California	-	164	164
Hawaii	-	-	-
Oregon	-	-	-
Washington	133	-	133
U.S. Total	1,320	3,811	5,131

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, February 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	1,357	1,643	3,000
Connecticut	-	-	-
Delaware	-	-	-
Florida	651	294	945
Georgia	-	90	90
Maine	-	-	-
Maryland	-	-	-
Massachusetts	-	-	-
New Hampshire	-	-	-
New Jersey	706	1,259	1,965
New York	-	-	-
North Carolina	-	-	-
Pennsylvania	-	-	-
Rhode Island	-	-	-
South Carolina	-	-	-
Vermont	-	-	-
Virginia	-	-	-
West Virginia	-	-	-
PAD District 2	13	51	64
Illinois	-	-	-
Indiana	-	-	-
Michigan	-	28	28
Minnesota	8	-	8
North Dakota	5	23	28
Ohio	-	-	-
Wisconsin	-	-	-
PAD District 3	302	3,668	3,970
Alabama	-	-	-
Louisiana	-	-	-
Mississippi	-	939	939
New Mexico	-	-	-
Texas	302	2,729	3,031
PAD District 4	-	16	16
Idaho	-	16	16
Montana	-	-	-
PAD District 5	70	107	177
Alaska	-	-	-
California	-	73	73
Hawaii	-	-	-
Oregon	-	-	-
Washington	70	34	104
U.S. Total	1,742	5,485	7,227

- = No Data Reported.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, March 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	—	1,391	1,391
Connecticut	—	—	—
Delaware	—	—	—
Florida	—	607	607
Georgia	—	90	90
Maine	—	—	—
Maryland	—	—	—
Massachusetts	—	—	—
New Hampshire	—	—	—
New Jersey	—	694	694
New York	—	—	—
North Carolina	—	—	—
Pennsylvania	—	—	—
Rhode Island	—	—	—
South Carolina	—	—	—
Vermont	—	—	—
Virginia	—	—	—
West Virginia	—	—	—
PAD District 2	18	109	127
Illinois	—	—	—
Indiana	—	—	—
Michigan	—	78	78
Minnesota	14	—	14
North Dakota	4	31	35
Ohio	—	—	—
Wisconsin	—	—	—
PAD District 3	—	4,229	4,229
Alabama	—	—	—
Louisiana	—	90	90
Mississippi	—	780	780
New Mexico	—	—	—
Texas	—	3,359	3,359
PAD District 4	—	—	—
Idaho	—	—	—
Montana	—	—	—
PAD District 5	94	148	242
Alaska	—	—	—
California	—	110	110
Hawaii	—	—	—
Oregon	—	—	—
Washington	94	38	132
U.S. Total	112	5,877	5,989

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, April 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	464	861	1,325
Connecticut	-	-	-
Delaware	-	-	-
Florida	-	301	301
Georgia	-	-	-
Maine	-	-	-
Maryland	-	-	-
Massachusetts	-	-	-
New Hampshire	-	-	-
New Jersey	408	560	968
New York	56	-	56
North Carolina	-	-	-
Pennsylvania	-	-	-
Rhode Island	-	-	-
South Carolina	-	-	-
Vermont	-	-	-
Virginia	-	-	-
West Virginia	-	-	-
PAD District 2	9	69	78
Illinois	-	-	-
Indiana	-	-	-
Michigan	-	17	17
Minnesota	6	6	12
North Dakota	3	46	49
Ohio	-	-	-
Wisconsin	-	-	-
PAD District 3	119	3,325	3,444
Alabama	-	-	-
Louisiana	-	329	329
Mississippi	-	941	941
New Mexico	-	-	-
Texas	119	2,055	2,174
PAD District 4	-	15	15
Idaho	-	-	-
Montana	-	15	15
PAD District 5	697	74	771
Alaska	-	-	-
California	-	36	36
Hawaii	-	-	-
Oregon	-	-	-
Washington	697	38	735
U.S. Total	1,289	4,344	5,633

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, May 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	-	730	1,454	2,184
Connecticut	-	-	-	-
Delaware	-	-	-	-
Florida	-	-	225	225
Georgia	-	100	98	198
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	-	630	1,131	1,761
New York	-	-	-	-
North Carolina	-	-	-	-
Pennsylvania	-	-	-	-
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
Vermont	-	-	-	-
Virginia	-	-	-	-
West Virginia	-	-	-	-
PAD District 2	-	6	190	196
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	2	90	92
Minnesota	-	1	70	71
North Dakota	-	3	30	33
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	615	-	3,211	3,826
Alabama	-	-	-	-
Louisiana	615	-	351	966
Mississippi	-	-	1,678	1,678
New Mexico	-	-	-	-
Texas	-	-	1,182	1,182
PAD District 4	-	-	-	-
Idaho	-	-	-	-
Montana	-	-	-	-
PAD District 5	-	-	149	149
Alaska	-	-	-	-
California	-	-	111	111
Hawaii	-	-	-	-
Oregon	-	-	38	38
Washington	-	-	-	-
U.S. Total	615	736	5,004	6,355

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, June 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	—	—	1,303	1,303
Connecticut	—	—	—	—
Delaware	—	—	—	—
Florida	—	—	326	326
Georgia	—	—	—	—
Maine	—	—	—	—
Maryland	—	—	—	—
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	—	—	977	977
New York	—	—	—	—
North Carolina	—	—	—	—
Pennsylvania	—	—	—	—
Rhode Island	—	—	—	—
South Carolina	—	—	—	—
Vermont	—	—	—	—
Virginia	—	—	—	—
West Virginia	—	—	—	—
PAD District 2	—	13	118	131
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	4	26	30
Minnesota	—	1	25	26
North Dakota	—	8	67	75
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	265	630	4,512	5,407
Alabama	—	—	—	—
Louisiana	265	—	334	599
Mississippi	—	—	911	911
New Mexico	—	—	—	—
Texas	—	630	3,267	3,897
PAD District 4	—	—	10	10
Idaho	—	—	10	10
Montana	—	—	—	—
PAD District 5	—	38	74	112
Alaska	—	—	—	—
California	—	—	37	37
Hawaii	—	—	—	—
Oregon	—	—	—	—
Washington	—	38	37	75
U.S. Total	265	681	6,017	6,963

— = No Data Reported.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, July 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	160	1,582	1,742
Connecticut	-	-	-
Delaware	-	-	-
Florida	160	824	984
Georgia	-	-	-
Maine	-	-	-
Maryland	-	-	-
Massachusetts	-	-	-
New Hampshire	-	-	-
New Jersey	-	758	758
New York	-	-	-
North Carolina	-	-	-
Pennsylvania	-	-	-
Rhode Island	-	-	-
South Carolina	-	-	-
Vermont	-	-	-
Virginia	-	-	-
West Virginia	-	-	-
PAD District 2	5	158	163
Illinois	-	-	-
Indiana	-	-	-
Michigan	-	32	32
Minnesota	-	29	29
North Dakota	5	97	102
Ohio	-	-	-
Wisconsin	-	-	-
PAD District 3	313	2,453	2,766
Alabama	-	-	-
Louisiana	155	802	957
Mississippi	-	281	281
New Mexico	-	-	-
Texas	158	1,370	1,528
PAD District 4	-	6	6
Idaho	-	6	6
Montana	-	-	-
PAD District 5	39	265	304
Alaska	-	-	-
California	-	265	265
Hawaii	-	-	-
Oregon	-	-	-
Washington	39	-	39
U.S. Total	517	4,464	4,981

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, August 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	1,025	724	849	2,598
Connecticut	-	-	-	-
Delaware	-	-	-	-
Florida	-	-	-	-
Georgia	-	-	-	-
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	305	724	849	1,878
New York	-	-	-	-
North Carolina	-	-	-	-
Pennsylvania	720	-	-	720
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
Vermont	-	-	-	-
Virginia	-	-	-	-
West Virginia	-	-	-	-
PAD District 2	-	5	143	148
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	88	88
Minnesota	-	1	16	17
North Dakota	-	4	39	43
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	-	-	3,062	3,062
Alabama	-	-	-	-
Louisiana	-	-	546	546
Mississippi	-	-	924	924
New Mexico	-	-	-	-
Texas	-	-	1,592	1,592
PAD District 4	-	-	17	17
Idaho	-	-	17	17
Montana	-	-	-	-
PAD District 5	-	43	75	118
Alaska	-	-	-	-
California	-	-	37	37
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	43	38	81
U.S. Total	1,025	772	4,146	5,943

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, September 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	145	497	1,231	1,873
Connecticut	-	-	-	-
Delaware	-	-	-	-
Florida	-	-	471	471
Georgia	-	-	83	83
Maine	-	-	-	-
Maryland	-	-	50	50
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	128	456	577	1,161
New York	17	41	-	58
North Carolina	-	-	-	-
Pennsylvania	-	-	50	50
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
Vermont	-	-	-	-
Virginia	-	-	-	-
West Virginia	-	-	-	-
PAD District 2	-	7	76	83
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	57	57
Minnesota	-	-	-	-
North Dakota	-	7	19	26
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	-	-	3,865	3,865
Alabama	-	-	-	-
Louisiana	-	-	879	879
Mississippi	-	-	652	652
New Mexico	-	-	-	-
Texas	-	-	2,334	2,334
PAD District 4	-	-	1	1
Idaho	-	-	1	1
Montana	-	-	-	-
PAD District 5	-	34	37	71
Alaska	-	-	-	-
California	-	-	37	37
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	34	-	34
U.S. Total	145	538	5,210	5,893

- = No Data Reported.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, October 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	438	866	1,178	2,482
Connecticut	-	-	-	-
Delaware	-	-	-	-
Florida	-	95	644	739
Georgia	-	74	-	74
Maine	-	-	-	-
Maryland	-	-	-	-
Massachusetts	-	-	-	-
New Hampshire	-	-	-	-
New Jersey	-	602	534	1,136
New York	-	95	-	95
North Carolina	-	-	-	-
Pennsylvania	438	-	-	438
Rhode Island	-	-	-	-
South Carolina	-	-	-	-
Vermont	-	-	-	-
Virginia	-	-	-	-
West Virginia	-	-	-	-
PAD District 2	-	7	80	87
Illinois	-	-	-	-
Indiana	-	-	-	-
Michigan	-	-	68	68
Minnesota	-	2	-	2
North Dakota	-	5	12	17
Ohio	-	-	-	-
Wisconsin	-	-	-	-
PAD District 3	-	-	2,998	2,998
Alabama	-	-	-	-
Louisiana	-	-	669	669
Mississippi	-	-	591	591
New Mexico	-	-	-	-
Texas	-	-	1,738	1,738
PAD District 4	-	-	10	10
Idaho	-	-	10	10
Montana	-	-	-	-
PAD District 5	-	597	149	746
Alaska	-	-	-	-
California	-	561	111	672
Hawaii	-	-	-	-
Oregon	-	-	-	-
Washington	-	36	38	74
U.S. Total	438	1,470	4,415	6,323

- = No Data Reported.
Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, November 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	2,105	1,378	3,483
Connecticut	-	-	-
Delaware	-	-	-
Florida	-	470	470
Georgia	-	-	-
Maine	-	-	-
Maryland	-	-	-
Massachusetts	-	-	-
New Hampshire	-	-	-
New Jersey	1,802	908	2,710
New York	-	-	-
North Carolina	-	-	-
Pennsylvania	303	-	303
Rhode Island	-	-	-
South Carolina	-	-	-
Vermont	-	-	-
Virginia	-	-	-
West Virginia	-	-	-
PAD District 2	7	108	115
Illinois	-	-	-
Indiana	-	-	-
Michigan	-	76	76
Minnesota	3	-	3
North Dakota	4	32	36
Ohio	-	-	-
Wisconsin	-	-	-
PAD District 3	-	3,670	3,670
Alabama	-	-	-
Louisiana	-	649	649
Mississippi	-	939	939
New Mexico	-	-	-
Texas	-	2,082	2,082
PAD District 4	-	5	5
Idaho	-	5	5
Montana	-	-	-
PAD District 5	78	151	229
Alaska	-	-	-
California	38	76	114
Hawaii	-	-	-
Oregon	-	-	-
Washington	40	75	115
U.S. Total	2,190	5,312	7,502

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 24. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, December 2022
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	689	1,192	1,881
Connecticut	-	-	-
Delaware	331	-	331
Florida	-	682	682
Georgia	86	92	178
Maine	-	-	-
Maryland	-	-	-
Massachusetts	-	-	-
New Hampshire	-	-	-
New Jersey	272	418	690
New York	-	-	-
North Carolina	-	-	-
Pennsylvania	-	-	-
Rhode Island	-	-	-
South Carolina	-	-	-
Vermont	-	-	-
Virginia	-	-	-
West Virginia	-	-	-
PAD District 2	4	74	78
Illinois	-	-	-
Indiana	-	-	-
Michigan	-	37	37
Minnesota	2	-	2
North Dakota	2	37	39
Ohio	-	-	-
Wisconsin	-	-	-
PAD District 3	-	3,622	3,622
Alabama	-	-	-
Louisiana	-	-	-
Mississippi	-	1,223	1,223
New Mexico	-	-	-
Texas	-	2,399	2,399
PAD District 4	-	10	10
Idaho	-	10	10
Montana	-	-	-
PAD District 5	38	74	112
Alaska	-	-	-
California	-	74	74
Hawaii	-	-	-
Oregon	-	-	-
Washington	38	-	38
U.S. Total	731	4,972	5,703

- = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, January 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	16,670	84,256	51,933	9,208	36,248	198,315	6,397
Hydrocarbon Gas Liquids	2,526	2,316	–	618	1,490	6,950	224
Natural Gas Liquids	2,232	2,155	–	618	1,490	6,495	210
Ethane	–	–	–	–	–	–	–
Propane	2,185	1,702	–	541	791	5,219	168
Normal Butane	27	371	–	73	699	1,170	38
Isobutane	20	75	–	4	–	99	3
Natural Gasoline	–	7	–	–	–	7	0
Refinery Olefins	294	161	–	–	–	455	15
Ethylene	–	–	–	–	–	–	–
Propylene	294	120	–	–	–	414	13
Normal Butylene	–	41	–	–	–	41	1
Isobutylene	–	–	–	–	–	–	–
Other Liquids	11,605	905	11,571	10	1,843	25,934	837
Hydrogen/Biofuels/Other Hydrocarbons	247	107	7	7	909	1,277	41
Hydrogen	–	–	–	–	–	–	–
Biofuels (including Fuel Ethanol)	247	107	7	7	909	1,277	41
Fuel Ethanol	–	–	–	7	250	257	8
Biodiesel	247	107	7	–	27	388	13
Renewable Diesel Fuel	–	–	–	–	632	632	20
Other Biofuels ³	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils ¹	1,859	–	11,085	–	783	13,727	443
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Lighter Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	1,859	–	3,314	–	783	5,956	192
Residuum	–	–	7,771	–	–	7,771	251
Motor Gasoline Blend.Comp. (MGBC)	9,499	798	479	3	151	10,930	353
Reformulated - RBOB	4,505	–	–	–	–	4,505	145
Conventional	4,994	798	479	3	151	6,425	207
CBOB	860	362	–	–	–	1,222	39
GTAB	1,864	–	–	–	–	1,864	60
Other	2,270	436	479	3	151	3,339	108
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	10,500	1,564	4,795	269	5,153	22,281	719
Finished Motor Gasoline	1,218	–	–	–	947	2,165	70
Reformulated	–	–	–	–	–	–	–
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	1,218	–	–	–	947	2,165	70
Conventional Blended with Fuel Ethanol	–	–	–	–	–	–	–
Ed55 and Lower	–	–	–	–	–	–	–
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	1,218	–	–	–	947	2,165	70
Finished Aviation Gasoline	–	2	80	1	1	84	3
Kerosene-Type Jet Fuel	933	–	–	53	2,967	3,953	128
Bonded Aircraft Fuel	215	–	–	–	361	576	19
Other	718	–	–	53	2,606	3,377	109
Kerosene	–	–	–	–	–	–	–
Distillate Fuel Oil	6,225	448	–	160	663	7,496	242
15 ppm sulfur and under	6,225	436	–	160	348	7,169	231
Bonded	–	–	–	–	–	–	–
Other	6,225	436	–	160	348	7,169	231
Greater than 15 ppm to 500 ppm sulfur	–	1	–	–	315	316	10
Bonded	–	–	–	–	–	–	–
Other	–	1	–	–	315	316	10
Greater than 500 ppm to 2000 ppm sulfur	–	11	–	–	–	11	0
Bonded	–	–	–	–	–	–	–
Other	–	11	–	–	–	11	0
Greater than 2000 ppm	–	–	–	–	–	–	–
Bonded	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–
Residual Fuel Oil	1,242	190	3,402	–	297	5,131	166
Less than 0.31 percent sulfur	–	–	–	–	–	–	–
0.31 to 1.00 percent sulfur	515	15	657	–	133	1,320	43
Greater than 1.00 percent sulfur	727	175	2,745	–	164	3,811	123
Petrochemical Feedstocks	73	160	249	–	69	551	18
Naphtha for Petro. Feed. Use	73	91	215	–	69	448	14
Other Oils for Petro. Feed. Use	–	69	34	–	–	103	3
Special Naphthas	101	8	76	–	32	217	7
Lubricants	89	205	718	–	110	1,122	36
Waxes	87	10	80	–	44	221	7
Petroleum Coke (Marketable)	4	7	190	–	–	201	6
Asphalt and Road Oil	528	534	–	55	23	1,140	37
Miscellaneous Products	–	–	–	–	–	–	–
Total	41,301	89,041	68,299	10,105	44,734	253,480	8,177

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, February 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	17,082	72,229	43,241	8,105	31,815	172,472	6,160
Hydrocarbon Gas Liquids	2,648	2,253	–	545	1,359	6,805	243
Natural Gas Liquids	2,358	2,074	–	545	1,359	6,336	226
Ethane	–	–	–	–	–	–	–
Propane	2,300	1,648	–	516	813	5,277	188
Normal Butane	39	252	–	29	546	866	31
Isobutane	19	172	–	–	–	191	7
Natural Gasoline	–	2	–	–	–	2	0
Refinery Olefins	290	179	–	–	–	469	17
Ethylene	–	–	–	–	–	–	–
Propylene	290	101	–	–	–	391	14
Normal Butylene	–	78	–	–	–	78	3
Isobutylene	–	–	–	–	–	–	–
Other Liquids	13,382	539	14,774	20	1,774	30,489	1,089
Hydrogen/Biofuels/Other Hydrocarbons	66	18	–	1	395	480	17
Hydrogen	–	–	–	–	–	–	–
Biofuels (including Fuel Ethanol)	66	18	–	1	395	480	17
Fuel Ethanol	–	–	–	–	–	–	–
Biodiesel	66	18	–	1	36	121	4
Renewable Diesel Fuel	–	–	–	–	359	359	13
Other Biofuels ³	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils ¹	1,569	–	12,651	–	822	15,042	537
Naphthas and Lighter	33	–	–	–	–	33	1
Kerosene and Lighter Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	1,536	–	4,050	–	822	6,408	229
Residuum	–	–	8,601	–	–	8,601	307
Motor Gasoline Blend.Comp. (MGBC)	11,747	521	2,123	19	557	14,967	535
Reformulated - RBOB	5,428	–	–	–	–	5,428	194
Conventional	6,319	521	2,123	19	557	9,539	341
CBOB	888	108	–	–	–	996	36
GTAB	1,535	–	–	–	–	1,535	55
Other	3,896	413	2,123	19	557	7,008	250
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	15,796	1,311	5,970	303	3,636	27,016	965
Finished Motor Gasoline	581	–	–	–	727	1,308	47
Reformulated	–	–	–	–	–	–	–
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	581	–	–	–	727	1,308	47
Conventional Blended with Fuel Ethanol	–	–	–	–	–	–	–
Ed55 and Lower	–	–	–	–	–	–	–
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	581	–	–	–	727	1,308	47
Finished Aviation Gasoline	–	3	–	–	–	3	0
Kerosene-Type Jet Fuel	906	–	–	7	2,145	3,058	109
Bonded Aircraft Fuel	110	–	–	–	406	516	18
Other	796	–	–	7	1,739	2,542	91
Kerosene	–	–	–	–	–	–	–
Distillate Fuel Oil	10,101	259	136	176	505	11,177	399
15 ppm sulfur and under	10,037	248	136	176	505	11,102	397
Bonded	–	–	–	–	–	–	–
Other	10,037	248	136	176	505	11,102	397
Greater than 15 ppm to 500 ppm sulfur	2	–	–	–	–	2	0
Bonded	–	–	–	–	–	–	–
Other	2	–	–	–	–	2	0
Greater than 500 ppm to 2000 ppm sulfur	62	11	–	–	–	73	3
Bonded	–	–	–	–	–	–	–
Other	62	11	–	–	–	73	3
Greater than 2000 ppm	–	–	–	–	–	–	–
Bonded	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–
Residual Fuel Oil	3,000	64	3,970	16	177	7,227	258
Less than 0.31 percent sulfur	–	–	–	–	–	–	–
0.31 to 1.00 percent sulfur	1,357	13	302	–	70	1,742	62
Greater than 1.00 percent sulfur	1,643	51	3,668	16	107	5,485	196
Petrochemical Feedstocks	2	141	208	–	–	351	13
Naphtha for Petro. Feed. Use	1	82	163	–	–	246	9
Other Oils for Petro. Feed. Use	1	59	45	–	–	105	4
Special Naphthas	2	7	88	–	36	133	5
Lubricants	124	177	1,000	–	5	1,306	47
Waxes	67	8	7	–	34	116	4
Petroleum Coke (Marketable)	3	6	533	–	–	542	19
Asphalt and Road Oil	1,010	646	28	104	7	1,795	64
Miscellaneous Products	–	–	–	–	–	–	–
Total	48,908	76,332	63,985	8,973	38,584	236,782	8,457

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, March 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	15,206	84,977	51,877	9,816	37,048	198,924	6,417
Hydrocarbon Gas Liquids	1,639	2,321	–	396	1,693	6,049	195
Natural Gas Liquids	1,287	2,109	–	396	1,693	5,485	177
Ethane	–	–	–	–	–	–	–
Propane	1,201	1,490	–	376	951	4,018	130
Normal Butane	67	462	–	20	742	1,291	42
Isobutane	19	151	–	–	–	170	5
Natural Gasoline	–	6	–	–	–	6	0
Refinery Olefins	352	212	–	–	–	564	18
Ethylene	–	–	–	–	–	–	–
Propylene	352	167	–	–	–	519	17
Normal Butylene	–	45	–	–	–	45	1
Isobutylene	–	–	–	–	–	–	–
Other Liquids	14,017	500	15,266	40	5,240	35,063	1,131
Hydrogen/Biofuels/Other Hydrocarbons	449	73	78	4	587	1,191	38
Hydrogen	–	–	–	–	–	–	–
Biofuels (including Fuel Ethanol)	449	73	78	4	587	1,191	38
Fuel Ethanol	–	–	–	–	–	–	–
Biodiesel	449	73	78	4	32	636	21
Renewable Diesel Fuel	–	–	–	–	555	555	18
Other Biofuels ³	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils ¹	2,134	–	14,475	–	2,696	19,305	623
Naphthas and Lighter	379	–	45	–	–	424	14
Kerosene and Lighter Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	1,755	–	5,914	–	2,696	10,365	334
Residuum	–	–	8,516	–	–	8,516	275
Motor Gasoline Blend.Comp. (MGBC)	11,434	427	713	36	1,957	14,567	470
Reformulated - RBOB	3,905	–	–	–	427	4,332	140
Conventional	7,529	427	713	36	1,530	10,235	330
CBOB	1,355	105	–	–	336	1,796	58
GTAB	1,809	–	–	–	–	1,809	58
Other	4,365	322	713	36	1,194	6,630	214
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	10,064	1,454	6,227	243	3,882	21,870	705
Finished Motor Gasoline	1,467	–	–	–	400	1,867	60
Reformulated	–	–	–	–	–	–	–
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	1,467	–	–	–	400	1,867	60
Conventional Blended with Fuel Ethanol	–	–	–	–	–	–	–
Ed55 and Lower	–	–	–	–	–	–	–
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	1,467	–	–	–	400	1,867	60
Finished Aviation Gasoline	40	4	–	1	–	45	1
Kerosene-Type Jet Fuel	1,396	–	–	38	2,419	3,853	124
Bonded Aircraft Fuel	–	–	–	–	241	241	8
Other	1,396	–	–	38	2,178	3,612	117
Kerosene	–	–	–	–	–	–	–
Distillate Fuel Oil	4,735	249	110	114	647	5,855	189
15 ppm sulfur and under	4,733	245	–	114	331	5,423	175
Bonded	–	–	–	–	–	–	–
Other	4,733	245	–	114	331	5,423	175
Greater than 15 ppm to 500 ppm sulfur	2	3	–	–	316	321	10
Bonded	–	–	–	–	–	–	–
Other	2	3	–	–	316	321	10
Greater than 500 ppm to 2000 ppm sulfur	–	1	110	–	–	111	4
Bonded	–	–	–	–	–	–	–
Other	–	1	110	–	–	111	4
Greater than 2000 ppm	–	–	–	–	–	–	–
Bonded	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–
Residual Fuel Oil	1,391	127	4,229	–	242	5,989	193
Less than 0.31 percent sulfur	–	–	–	–	–	–	–
0.31 to 1.00 percent sulfur	–	18	–	–	94	112	4
Greater than 1.00 percent sulfur	1,391	109	4,229	–	148	5,877	190
Petrochemical Feedstocks	10	179	251	–	30	470	15
Naphtha for Petro. Feed. Use	10	104	211	–	30	355	11
Other Oils for Petro. Feed. Use	–	75	40	–	–	115	4
Special Naphthas	3	5	553	–	16	577	19
Lubricants	194	247	993	–	1	1,435	46
Waxes	85	18	–	–	19	122	4
Petroleum Coke (Marketable)	1	50	91	–	–	142	5
Asphalt and Road Oil	742	575	–	90	108	1,515	49
Miscellaneous Products	–	–	–	–	–	–	–
Total	40,926	89,252	73,370	10,495	47,863	261,906	8,449

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, April 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	17,647	73,943	47,042	7,324	35,831	181,787	6,060
Hydrocarbon Gas Liquids	1,032	2,069	41	276	1,218	4,636	155
Natural Gas Liquids	703	1,840	16	276	1,218	4,053	135
Ethane	—	—	—	—	—	—	—
Propane	579	1,165	16	264	740	2,764	92
Normal Butane	67	369	—	12	478	926	31
Isobutane	57	302	—	—	—	359	12
Natural Gasoline	—	4	—	—	—	4	0
Refinery Olefins	329	229	25	—	—	583	19
Ethylene	—	—	—	—	—	—	—
Propylene	329	119	—	—	—	448	15
Normal Butylene	—	110	25	—	—	135	5
Isobutylene	—	—	—	—	—	—	—
Other Liquids	14,221	302	19,888	132	5,500	40,043	1,335
Hydrogen/Biofuels/Other Hydrocarbons	446	70	126	4	468	1,114	37
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	446	70	126	4	468	1,114	37
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	446	70	76	4	76	672	22
Renewable Diesel Fuel	—	—	—	—	392	392	13
Other Biofuels ³	—	—	50	—	—	50	2
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	1,037	—	17,642	37	2,744	21,460	715
Naphthas and Lighter	705	—	45	—	—	750	25
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	332	—	8,191	37	2,744	11,304	377
Residuum	—	—	9,406	—	—	9,406	314
Motor Gasoline Blend.Comp. (MGBC)	12,738	232	2,120	91	2,288	17,469	582
Reformulated - RBOB	5,374	—	—	—	552	5,926	198
Conventional	7,364	232	2,120	91	1,736	11,543	385
CBOB	1,782	—	—	—	—	1,782	59
GTAB	1,738	—	—	—	—	1,738	58
Other	3,844	232	2,120	91	1,736	8,023	267
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	8,960	1,336	5,249	355	5,054	20,954	698
Finished Motor Gasoline	2,237	—	94	19	1,053	3,403	113
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	2,237	—	94	19	1,053	3,403	113
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	2,237	—	94	19	1,053	3,403	113
Finished Aviation Gasoline	—	5	—	—	—	5	0
Kerosene-Type Jet Fuel	1,258	34	—	18	2,376	3,686	123
Bonded Aircraft Fuel	265	—	—	—	370	635	21
Other	993	34	—	18	2,006	3,051	102
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	2,834	130	—	209	685	3,858	129
15 ppm sulfur and under	2,832	116	—	209	684	3,841	128
Bonded	—	—	—	—	—	—	—
Other	2,832	116	—	209	684	3,841	128
Greater than 15 ppm to 500 ppm sulfur	2	3	—	—	—	5	0
Bonded	—	—	—	—	—	—	—
Other	2	3	—	—	—	5	0
Greater than 500 ppm to 2000 ppm sulfur	—	11	—	—	1	12	0
Bonded	—	—	—	—	—	—	—
Other	—	11	—	—	1	12	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	1,325	78	3,444	15	771	5,633	188
Less than 0.31 percent sulfur	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	464	9	119	—	697	1,289	43
Greater than 1.00 percent sulfur	861	69	3,325	15	74	4,344	145
Petrochemical Feedstocks	254	149	114	—	28	545	18
Naphtha for Petro. Feed. Use	254	86	73	—	28	441	15
Other Oils for Petro. Feed. Use	—	63	41	—	—	104	3
Special Naphthas	1	6	245	—	27	279	9
Lubricants	86	245	1,033	—	12	1,376	46
Waxes	94	19	68	—	48	229	8
Petroleum Coke (Marketable)	1	28	251	—	—	280	9
Asphalt and Road Oil	870	642	—	94	54	1,660	55
Miscellaneous Products	—	—	—	—	—	—	—
Total	41,860	77,650	72,220	8,087	47,603	247,420	8,247

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, May 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	18,176	75,869	58,511	6,514	32,002	191,072	6,164
Hydrocarbon Gas Liquids	797	2,015	–	267	1,196	4,275	138
Natural Gas Liquids	472	1,833	–	267	1,196	3,768	122
Ethane	–	–	–	–	–	–	–
Propane	368	1,095	–	262	580	2,305	74
Normal Butane	87	392	–	5	616	1,100	35
Isobutane	17	340	–	–	–	357	12
Natural Gasoline	–	6	–	–	–	6	0
Refinery Olefins	325	182	–	–	–	507	16
Ethylene	–	–	–	–	–	–	–
Propylene	325	112	–	–	–	437	14
Normal Butylene	–	70	–	–	–	70	2
Isobutylene	–	–	–	–	–	–	–
Other Liquids	19,242	377	13,487	198	5,685	38,989	1,258
Hydrogen/Biofuels/Other Hydrocarbons	26	42	146	37	963	1,214	39
Hydrogen	–	–	–	–	–	–	–
Biofuels (including Fuel Ethanol)	26	42	146	37	963	1,214	39
Fuel Ethanol	–	–	–	–	250	250	8
Biodiesel	26	42	146	37	64	315	10
Renewable Diesel Fuel	–	–	–	–	649	649	21
Other Biofuels ³	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils ¹	333	–	12,166	46	2,496	15,041	485
Naphthas and Lighter	–	–	–	–	–	–	–
Kerosene and Lighter Gas Oils	–	–	–	46	–	46	1
Heavy Gas Oils	333	–	6,634	–	2,496	9,463	305
Residuum	–	–	5,532	–	–	5,532	178
Motor Gasoline Blend.Comp. (MGBC)	18,883	335	1,175	115	2,226	22,734	733
Reformulated - RBOB	4,973	–	–	–	310	5,283	170
Conventional	13,910	335	1,175	115	1,916	17,451	563
CBOB	2,173	–	–	–	–	2,173	70
GTAB	4,908	–	32	–	–	4,940	159
Other	6,829	335	1,143	115	1,916	10,338	333
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	11,340	1,352	5,625	399	5,740	24,456	789
Finished Motor Gasoline	3,274	–	85	1	1,110	4,470	144
Reformulated	–	–	–	–	–	–	–
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	3,274	–	85	1	1,110	4,470	144
Conventional Blended with Fuel Ethanol	–	–	–	–	–	–	–
Ed55 and Lower	–	–	–	–	–	–	–
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	3,274	–	85	1	1,110	4,470	144
Finished Aviation Gasoline	32	5	–	–	–	37	1
Kerosene-Type Jet Fuel	586	–	–	58	3,191	3,835	124
Bonded Aircraft Fuel	–	–	–	–	621	621	20
Other	586	–	–	58	2,570	3,214	104
Kerosene	–	–	–	–	–	–	–
Distillate Fuel Oil	3,951	262	–	267	1,088	5,568	180
15 ppm sulfur and under	3,909	213	–	267	773	5,162	167
Bonded	–	–	–	–	–	–	–
Other	3,909	213	–	267	773	5,162	167
Greater than 15 ppm to 500 ppm sulfur	42	17	–	–	315	374	12
Bonded	–	–	–	–	–	–	–
Other	42	17	–	–	315	374	12
Greater than 500 ppm to 2000 ppm sulfur	–	32	–	–	–	32	1
Bonded	–	–	–	–	–	–	–
Other	–	32	–	–	–	32	1
Greater than 2000 ppm	–	–	–	–	–	–	–
Bonded	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–
Residual Fuel Oil	2,184	196	3,826	–	149	6,355	205
Less than 0.31 percent sulfur	–	–	615	–	–	615	20
0.31 to 1.00 percent sulfur	730	6	–	–	–	736	24
Greater than 1.00 percent sulfur	1,454	190	3,211	–	149	5,004	161
Petrochemical Feedstocks	5	122	166	–	35	328	11
Naphtha for Petro. Feed. Use	2	71	142	–	35	250	8
Other Oils for Petro. Feed. Use	3	51	24	–	–	78	3
Special Naphthas	2	7	174	–	19	202	7
Lubricants	149	213	1,103	–	47	1,512	49
Waxes	96	15	13	–	25	149	5
Petroleum Coke (Marketable)	–	17	258	–	–	275	9
Asphalt and Road Oil	1,061	515	–	73	76	1,725	56
Miscellaneous Products	–	–	–	–	–	–	–
Total	49,555	79,613	77,623	7,378	44,623	258,792	8,348

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, June 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	19,813	74,641	52,663	7,952	39,142	194,211	6,474
Hydrocarbon Gas Liquids	616	1,623	1	262	1,237	3,739	125
Natural Gas Liquids	343	1,515	1	262	1,237	3,358	112
Ethane	-	-	-	-	-	-	-
Propane	335	888	-	262	793	2,278	76
Normal Butane	-	425	-	-	444	869	29
Isobutane	8	198	-	-	-	206	7
Natural Gasoline	-	4	1	-	-	5	0
Refinery Olefins	273	108	-	-	-	381	13
Ethylene	-	-	-	-	-	-	-
Propylene	273	85	-	-	-	358	12
Normal Butylene	-	23	-	-	-	23	1
Isobutylene	-	-	-	-	-	-	-
Other Liquids	19,518	424	14,271	340	3,179	37,732	1,258
Hydrogen/Biofuels/Other Hydrocarbons	21	67	71	5	718	882	29
Hydrogen	-	-	-	-	-	-	-
Biofuels (including Fuel Ethanol)	21	67	71	5	718	882	29
Fuel Ethanol	-	-	-	-	-	-	-
Biodiesel	21	67	71	5	182	346	12
Renewable Diesel Fuel	-	-	-	-	536	536	18
Other Biofuels ³	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils ¹	985	-	12,002	262	2,000	15,249	508
Naphthas and Lighter	330	-	-	-	199	529	18
Kerosene and Lighter Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	655	-	6,418	262	1,801	9,136	305
Residuum	-	-	5,584	-	-	5,584	186
Motor Gasoline Blend.Comp. (MGBC)	18,512	357	2,198	73	461	21,601	720
Reformulated - RBOB	5,578	-	-	-	-	5,578	186
Conventional	12,934	357	2,198	73	461	16,023	534
CBOB	2,193	99	-	-	-	2,292	76
GTAB	3,539	-	29	-	-	3,568	119
Other	7,202	258	2,169	73	461	10,163	339
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	8,819	1,580	7,336	377	4,959	23,071	769
Finished Motor Gasoline	3,672	-	-	-	598	4,270	142
Reformulated	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	3,672	-	-	-	598	4,270	142
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	3,672	-	-	-	598	4,270	142
Finished Aviation Gasoline	13	5	-	1	8	27	1
Kerosene-Type Jet Fuel	365	-	-	45	3,392	3,802	127
Bonded Aircraft Fuel	-	-	-	-	726	726	24
Other	365	-	-	45	2,666	3,076	103
Kerosene	-	-	-	-	18	18	1
Distillate Fuel Oil	2,345	275	-	238	642	3,500	117
15 ppm sulfur and under	2,343	239	-	235	452	3,269	109
Bonded	-	-	-	-	-	-	-
Other	2,343	239	-	235	452	3,269	109
Greater than 15 ppm to 500 ppm sulfur	2	13	-	-	-	15	1
Bonded	-	-	-	-	-	-	-
Other	2	13	-	-	-	15	1
Greater than 500 ppm to 2000 ppm sulfur	-	23	-	3	-	26	1
Bonded	-	-	-	-	-	-	-
Other	-	23	-	3	-	26	1
Greater than 2000 ppm	-	-	-	-	190	190	6
Bonded	-	-	-	-	-	-	-
Other	-	-	-	-	190	190	6
Residual Fuel Oil	1,303	131	5,407	10	112	6,963	232
Less than 0.31 percent sulfur	-	-	265	-	-	265	9
0.31 to 1.00 percent sulfur	-	13	630	-	38	681	23
Greater than 1.00 percent sulfur	1,303	118	4,512	10	74	6,017	201
Petrochemical Feedstocks	4	172	246	-	48	470	16
Naphtha for Petro. Feed. Use	2	95	246	-	48	391	13
Other Oils for Petro. Feed. Use	2	77	-	-	-	79	3
Special Naphthas	2	9	323	-	22	356	12
Lubricants	123	227	1,036	-	6	1,392	46
Waxes	127	17	48	-	52	244	8
Petroleum Coke (Marketable)	1	20	245	-	-	266	9
Asphalt and Road Oil	864	724	31	83	61	1,763	59
Miscellaneous Products	-	-	-	-	-	-	-
Total	48,766	78,268	74,271	8,931	48,517	258,753	8,625

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, July 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	20,972	73,223	62,770	9,273	38,273	204,511	6,597
Hydrocarbon Gas Liquids	612	2,188	–	299	1,223	4,322	139
Natural Gas Liquids	283	1,987	–	299	1,223	3,792	122
Ethane	–	–	–	–	–	–	–
Propane	279	1,183	–	299	906	2,667	86
Normal Butane	–	623	–	–	317	940	30
Isobutane	4	175	–	–	–	179	6
Natural Gasoline	–	6	–	–	–	6	0
Refinery Olefins	329	201	–	–	–	530	17
Ethylene	–	–	–	–	–	–	–
Propylene	329	99	–	–	–	428	14
Normal Butylene	–	102	–	–	–	102	3
Isobutylene	–	–	–	–	–	–	–
Other Liquids	14,049	579	18,693	107	4,370	37,798	1,219
Hydrogen/Biofuels/Other Hydrocarbons	16	97	–	4	760	877	28
Hydrogen	–	–	–	–	–	–	–
Biofuels (including Fuel Ethanol)	16	97	–	4	760	877	28
Fuel Ethanol	–	–	–	–	–	–	–
Biodiesel	16	97	–	4	167	284	9
Renewable Diesel Fuel	–	–	–	–	593	593	19
Other Biofuels ³	–	–	–	–	–	–	–
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils ¹	888	–	16,435	–	2,517	19,840	640
Naphthas and Lighter	305	–	–	–	–	305	10
Kerosene and Lighter Gas Oils	–	–	–	–	–	–	–
Heavy Gas Oils	583	–	10,731	–	2,315	13,629	440
Residuum	–	–	5,704	–	202	5,906	191
Motor Gasoline Blend.Comp. (MGBC)	13,145	482	2,258	103	1,093	17,081	551
Reformulated - RBOB	2,721	–	–	–	–	2,721	88
Conventional	10,424	482	2,258	103	1,093	14,360	463
CBOB	1,866	141	–	–	295	2,302	74
GTAB	2,456	–	–	–	–	2,456	79
Other	6,102	341	2,258	103	798	9,602	310
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	11,563	1,639	5,470	350	5,410	24,432	788
Finished Motor Gasoline	3,336	–	–	–	696	4,032	130
Reformulated	–	–	–	–	–	–	–
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–
Conventional	3,336	–	–	–	696	4,032	130
Conventional Blended with Fuel Ethanol	–	–	–	–	–	–	–
Ed55 and Lower	–	–	–	–	–	–	–
Greater than Ed55	–	–	–	–	–	–	–
Conventional Other	3,336	–	–	–	696	4,032	130
Finished Aviation Gasoline	–	7	–	–	7	14	0
Kerosene-Type Jet Fuel	640	–	–	65	3,593	4,298	139
Bonded Aircraft Fuel	212	–	–	–	751	963	31
Other	428	–	–	65	2,842	3,335	108
Kerosene	–	–	–	–	–	–	–
Distillate Fuel Oil	4,021	371	25	204	639	5,260	170
15 ppm sulfur and under	4,020	337	–	204	639	5,200	168
Bonded	–	–	–	–	–	–	–
Other	4,020	337	–	204	639	5,200	168
Greater than 15 ppm to 500 ppm sulfur	1	–	25	–	–	26	1
Bonded	–	–	–	–	–	–	–
Other	1	–	25	–	–	26	1
Greater than 500 ppm to 2000 ppm sulfur	–	34	–	–	–	34	1
Bonded	–	–	–	–	–	–	–
Other	–	34	–	–	–	34	1
Greater than 2000 ppm	–	–	–	–	–	–	–
Bonded	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–
Residual Fuel Oil	1,742	163	2,766	6	304	4,981	161
Less than 0.31 percent sulfur	–	–	–	–	–	–	–
0.31 to 1.00 percent sulfur	160	5	313	–	39	517	17
Greater than 1.00 percent sulfur	1,582	158	2,453	6	265	4,464	144
Petrochemical Feedstocks	64	164	366	–	–	594	19
Naphtha for Petro. Feed. Use	63	95	303	–	–	461	15
Other Oils for Petro. Feed. Use	1	69	63	–	–	133	4
Special Naphthas	1	8	444	–	26	479	15
Lubricants	86	194	1,370	–	71	1,721	56
Waxes	118	15	70	–	4	207	7
Petroleum Coke (Marketable)	–	19	429	–	–	448	14
Asphalt and Road Oil	1,555	698	–	75	70	2,398	77
Miscellaneous Products	–	–	–	–	–	–	–
Total	47,196	77,629	86,933	10,029	49,276	271,063	8,744

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, August 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	20,479	81,312	50,188	8,585	35,761	196,325	6,333
Hydrocarbon Gas Liquids	947	2,357	1	301	1,462	5,068	163
Natural Gas Liquids	632	2,222	1	301	1,462	4,618	149
Ethane	—	—	—	—	—	—	—
Propane	570	1,036	—	283	819	2,708	87
Normal Butane	55	899	—	—	578	1,532	49
Isobutane	7	283	—	18	65	373	12
Natural Gasoline	—	4	1	—	—	5	0
Refinery Olefins	315	135	—	—	—	450	15
Ethylene	—	—	—	—	—	—	—
Propylene	315	116	—	—	—	431	14
Normal Butylene	—	19	—	—	—	19	1
Isobutylene	—	—	—	—	—	—	—
Other Liquids	17,945	451	13,482	18	2,875	34,771	1,122
Hydrogen/Biofuels/Other Hydrocarbons	122	131	71	6	919	1,249	40
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	122	131	71	6	919	1,249	40
Fuel Ethanol	—	—	—	—	445	445	14
Biodiesel	122	131	71	6	41	371	12
Renewable Diesel Fuel	—	—	—	—	421	421	14
Other Biofuels ³	—	—	—	—	12	12	0
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	582	—	11,456	—	1,910	13,948	450
Naphthas and Lighter	582	—	—	—	—	582	19
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	—	—	6,477	—	1,910	8,387	271
Residuum	—	—	4,979	—	—	4,979	161
Motor Gasoline Blend.Comp. (MGBC)	17,241	320	1,955	12	46	19,574	631
Reformulated - RBOB	4,919	—	417	—	—	5,336	172
Conventional	12,322	320	1,538	12	46	14,238	459
CBOB	1,555	79	—	—	—	1,634	53
GTAB	2,710	—	—	—	—	2,710	87
Other	8,057	241	1,538	12	46	9,894	319
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	11,023	1,746	6,069	194	4,193	23,225	749
Finished Motor Gasoline	2,500	—	—	—	413	2,913	94
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	2,500	—	—	—	413	2,913	94
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	2,500	—	—	—	413	2,913	94
Finished Aviation Gasoline	—	2	—	—	1	3	0
Kerosene-Type Jet Fuel	524	—	—	20	2,102	2,646	85
Bonded Aircraft Fuel	180	—	—	—	298	478	15
Other	344	—	—	20	1,804	2,168	70
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	3,680	385	—	104	1,288	5,457	176
15 ppm sulfur and under	3,679	375	—	104	974	5,132	166
Bonded	—	—	—	—	—	—	—
Other	3,679	375	—	104	974	5,132	166
Greater than 15 ppm to 500 ppm sulfur	1	4	—	—	314	319	10
Bonded	—	—	—	—	—	—	—
Other	1	4	—	—	314	319	10
Greater than 500 ppm to 2000 ppm sulfur	—	6	—	—	—	6	0
Bonded	—	—	—	—	—	—	—
Other	—	6	—	—	—	6	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	2,598	148	3,062	17	118	5,943	192
Less than 0.31 percent sulfur	1,025	—	—	—	—	1,025	33
0.31 to 1.00 percent sulfur	724	5	—	—	43	772	25
Greater than 1.00 percent sulfur	849	143	3,062	17	75	4,146	134
Petrochemical Feedstocks	78	120	211	—	70	479	15
Naphtha for Petro. Feed. Use	75	67	178	—	70	390	13
Other Oils for Petro. Feed. Use	3	53	33	—	—	89	3
Special Naphthas	1	8	1,064	—	29	1,102	36
Lubricants	136	215	1,354	—	5	1,710	55
Waxes	104	14	21	—	25	164	5
Petroleum Coke (Marketable)	1	24	357	—	—	382	12
Asphalt and Road Oil	1,401	830	—	53	142	2,426	78
Miscellaneous Products	—	—	—	—	—	—	—
Total	50,394	85,866	69,740	9,098	44,291	259,389	8,367

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, September 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	18,445	75,633	47,332	8,513	38,147	188,070	6,269
Hydrocarbon Gas Liquids	544	2,330	30	317	1,206	4,427	148
Natural Gas Liquids	437	2,122	30	317	1,206	4,112	137
Ethane	—	—	—	—	—	—	—
Propane	357	1,343	—	301	715	2,716	91
Normal Butane	56	628	30	16	470	1,200	40
Isobutane	24	150	—	—	21	195	7
Natural Gasoline	—	1	—	—	—	1	0
Refinery Olefins	107	208	—	—	—	315	11
Ethylene	—	—	—	—	—	—	—
Propylene	107	145	—	—	—	252	8
Normal Butylene	—	63	—	—	—	63	2
Isobutylene	—	—	—	—	—	—	—
Other Liquids	12,193	182	13,143	66	2,078	27,662	922
Hydrogen/Biofuels/Other Hydrocarbons	65	107	142	17	378	709	24
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	65	107	142	17	378	709	24
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	65	107	142	17	74	405	14
Renewable Diesel Fuel	—	—	—	—	304	304	10
Other Biofuels ³	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	610	—	11,617	—	1,035	13,262	442
Naphthas and Lighter	311	—	—	—	—	311	10
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	299	—	6,690	—	1,035	8,024	267
Residuum	—	—	4,927	—	—	4,927	164
Motor Gasoline Blend.Comp. (MGBC)	11,518	75	1,384	49	665	13,691	456
Reformulated - RBOB	4,516	—	—	—	—	4,516	151
Conventional	7,002	75	1,384	49	665	9,175	306
CBOB	689	—	—	—	—	689	23
GTAB	1,653	—	—	—	—	1,653	55
Other	4,660	75	1,384	49	665	6,833	228
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	9,432	1,256	6,308	110	3,609	20,715	691
Finished Motor Gasoline	3,085	—	—	—	553	3,638	121
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	3,085	—	—	—	553	3,638	121
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	3,085	—	—	—	553	3,638	121
Finished Aviation Gasoline	23	6	—	2	2	33	1
Kerosene-Type Jet Fuel	185	—	—	7	2,247	2,439	81
Bonded Aircraft Fuel	—	—	—	—	300	300	10
Other	185	—	—	7	1,947	2,139	71
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	2,925	184	—	50	646	3,805	127
15 ppm sulfur and under	2,920	176	—	50	646	3,792	126
Bonded	—	—	—	—	—	—	—
Other	2,920	176	—	50	646	3,792	126
Greater than 15 ppm to 500 ppm sulfur	5	6	—	—	—	11	0
Bonded	—	—	—	—	—	—	—
Other	5	6	—	—	—	11	0
Greater than 500 ppm to 2000 ppm sulfur	—	2	—	—	—	2	0
Bonded	—	—	—	—	—	—	—
Other	—	2	—	—	—	2	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	1,873	83	3,865	1	71	5,893	196
Less than 0.31 percent sulfur	145	—	—	—	—	145	5
0.31 to 1.00 percent sulfur	497	7	—	—	34	538	18
Greater than 1.00 percent sulfur	1,231	76	3,865	1	37	5,210	174
Petrochemical Feedstocks	4	129	342	—	—	475	16
Naphtha for Petro. Feed. Use	3	67	308	—	—	378	13
Other Oils for Petro. Feed. Use	1	62	34	—	—	97	3
Special Naphthas	2	11	647	—	36	696	23
Lubricants	121	200	1,169	—	6	1,496	50
Waxes	116	11	54	—	7	188	6
Petroleum Coke (Marketable)	1	26	231	—	—	258	9
Asphalt and Road Oil	1,097	606	—	50	41	1,794	60
Miscellaneous Products	—	—	—	—	—	—	—
Total	40,614	79,401	66,813	9,006	45,040	240,874	8,029

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, October 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	20,993	78,178	47,112	9,137	38,002	193,422	6,239
Hydrocarbon Gas Liquids	580	2,983	26	368	1,471	5,428	175
Natural Gas Liquids	530	2,773	—	368	1,471	5,142	166
Ethane	—	—	—	—	—	—	—
Propane	490	2,067	—	325	810	3,692	119
Normal Butane	32	556	—	42	633	1,263	41
Isobutane	8	148	—	—	28	184	6
Natural Gasoline	—	2	—	1	—	3	0
Refinery Olefins	50	210	26	—	—	286	9
Ethylene	—	—	—	—	—	—	—
Propylene	50	139	—	—	—	189	6
Normal Butylene	—	71	26	—	—	97	3
Isobutylene	—	—	—	—	—	—	—
Other Liquids	11,851	511	15,345	33	4,297	32,037	1,033
Hydrogen/Biofuels/Other Hydrocarbons	506	107	114	10	565	1,302	42
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	506	107	114	10	565	1,302	42
Fuel Ethanol	193	—	—	—	—	193	6
Biodiesel	313	107	114	10	114	658	21
Renewable Diesel Fuel	—	—	—	—	451	451	15
Other Biofuels ³	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	1,780	—	13,872	—	1,952	17,604	568
Naphthas and Lighter	746	—	—	—	—	746	24
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	1,034	—	7,513	—	1,952	10,499	339
Residuum	—	—	6,359	—	—	6,359	205
Motor Gasoline Blend.Comp. (MGBC)	9,565	404	1,359	23	1,780	13,131	424
Reformulated - RBOB	3,745	—	—	—	326	4,071	131
Conventional	5,820	404	1,359	23	1,454	9,060	292
CBOB	130	168	—	—	247	545	18
GTAB	2,180	—	280	—	—	2,460	79
Other	3,510	236	1,079	23	1,207	6,055	195
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	9,368	1,400	5,789	111	4,947	21,615	697
Finished Motor Gasoline	1,278	—	—	—	1,182	2,460	79
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	1,278	—	—	—	1,182	2,460	79
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	1,278	—	—	—	1,182	2,460	79
Finished Aviation Gasoline	26	5	—	—	2	33	1
Kerosene-Type Jet Fuel	1,740	—	—	—	2,322	4,062	131
Bonded Aircraft Fuel	—	—	—	—	727	727	23
Other	1,740	—	—	—	1,595	3,335	108
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	2,533	172	—	26	541	3,272	106
15 ppm sulfur and under	2,529	168	—	26	541	3,264	105
Bonded	—	—	—	—	—	—	—
Other	2,529	168	—	26	541	3,264	105
Greater than 15 ppm to 500 ppm sulfur	4	2	—	—	—	6	0
Bonded	—	—	—	—	—	—	—
Other	4	2	—	—	—	6	0
Greater than 500 ppm to 2000 ppm sulfur	—	2	—	—	—	2	0
Bonded	—	—	—	—	—	—	—
Other	—	2	—	—	—	2	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	2,482	87	2,998	10	746	6,323	204
Less than 0.31 percent sulfur	438	—	—	—	—	438	14
0.31 to 1.00 percent sulfur	866	7	—	—	597	1,470	47
Greater than 1.00 percent sulfur	1,178	80	2,998	10	149	4,415	142
Petrochemical Feedstocks	1	152	188	—	—	341	11
Naphtha for Petro. Feed. Use	1	121	161	—	—	283	9
Other Oils for Petro. Feed. Use	—	31	27	—	—	58	2
Special Naphthas	2	9	452	—	28	491	16
Lubricants	171	229	1,776	—	26	2,202	71
Waxes	95	10	20	—	69	194	6
Petroleum Coke (Marketable)	—	22	355	—	—	377	12
Asphalt and Road Oil	1,040	714	—	75	31	1,860	60
Miscellaneous Products	—	—	—	—	—	—	—
Total	42,792	83,072	68,272	9,649	48,717	252,502	8,145

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, November 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	19,686	78,595	40,361	8,212	40,728	187,582	6,253
Hydrocarbon Gas Liquids	1,300	2,468	—	526	1,570	5,864	195
Natural Gas Liquids	1,128	2,118	—	526	1,570	5,342	178
Ethane	—	—	—	—	—	—	—
Propane	1,085	1,447	—	497	947	3,976	133
Normal Butane	28	518	—	29	621	1,196	40
Isobutane	15	146	—	—	2	163	5
Natural Gasoline	—	7	—	—	—	7	0
Refinery Olefins	172	350	—	—	—	522	17
Ethylene	—	—	—	—	—	—	—
Propylene	172	151	—	—	—	323	11
Normal Butylene	—	199	—	—	—	199	7
Isobutylene	—	—	—	—	—	—	—
Other Liquids	14,527	805	13,546	15	3,092	31,985	1,066
Hydrogen/Biofuels/Other Hydrocarbons	746	143	181	7	1,018	2,095	70
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	746	143	181	7	1,018	2,095	70
Fuel Ethanol	251	—	—	—	249	500	17
Biodiesel	495	143	181	7	77	903	30
Renewable Diesel Fuel	—	—	—	—	692	692	23
Other Biofuels ³	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	1,153	—	13,127	—	1,527	15,807	527
Naphthas and Lighter	495	—	—	—	—	495	17
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	658	—	7,916	—	1,527	10,101	337
Residuum	—	—	5,211	—	—	5,211	174
Motor Gasoline Blend.Comp. (MGBC)	12,628	662	238	8	547	14,083	469
Reformulated - RBOB	4,341	—	—	—	—	4,341	145
Conventional	8,287	662	238	8	547	9,742	325
CBOB	741	243	—	—	—	984	33
GTAB	2,092	—	—	—	—	2,092	70
Other	5,454	419	238	8	547	6,666	222
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	14,547	1,552	4,548	146	4,028	24,821	827
Finished Motor Gasoline	2,453	—	—	—	521	2,974	99
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	2,453	—	—	—	521	2,974	99
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	2,453	—	—	—	521	2,974	99
Finished Aviation Gasoline	—	2	18	—	1	21	1
Kerosene-Type Jet Fuel	1,733	—	1	—	2,577	4,311	144
Bonded Aircraft Fuel	222	—	—	—	638	860	29
Other	1,511	—	1	—	1,939	3,451	115
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	5,920	421	—	48	440	6,829	228
15 ppm sulfur and under	5,907	417	—	48	440	6,812	227
Bonded	—	—	—	—	—	—	—
Other	5,907	417	—	48	440	6,812	227
Greater than 15 ppm to 500 ppm sulfur	13	3	—	—	—	16	1
Bonded	—	—	—	—	—	—	—
Other	13	3	—	—	—	16	1
Greater than 500 ppm to 2000 ppm sulfur	—	1	—	—	—	1	0
Bonded	—	—	—	—	—	—	—
Other	—	1	—	—	—	1	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	3,483	115	3,670	5	229	7,502	250
Less than 0.31 percent sulfur	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	2,105	7	—	—	78	2,190	73
Greater than 1.00 percent sulfur	1,378	108	3,670	5	151	5,312	177
Petrochemical Feedstocks	44	137	67	—	69	317	11
Naphtha for Petro. Feed. Use	44	79	36	—	69	228	8
Other Oils for Petro. Feed. Use	—	58	31	—	—	89	3
Special Naphthas	3	3	124	—	39	169	6
Lubricants	115	223	626	—	3	967	32
Waxes	78	9	42	—	11	140	5
Petroleum Coke (Marketable)	—	24	—	—	—	24	1
Asphalt and Road Oil	718	618	—	93	138	1,567	52
Miscellaneous Products	—	—	—	—	—	—	—
Total	50,060	83,420	58,455	8,899	49,418	250,252	8,342

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 25. Imports of Crude Oil and Petroleum Products by PAD District, December 2022
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	19,607	74,976	44,620	8,756	38,023	185,982	5,999
Hydrocarbon Gas Liquids	1,344	2,107	—	958	1,630	6,039	195
Natural Gas Liquids	1,062	1,903	—	958	1,630	5,553	179
Ethane	—	—	—	—	—	—	—
Propane	1,020	1,236	—	922	1,101	4,279	138
Normal Butane	38	467	—	36	529	1,070	35
Isobutane	4	199	—	—	—	203	7
Natural Gasoline	—	1	—	—	—	1	0
Refinery Olefins	282	204	—	—	—	486	16
Ethylene	—	—	—	—	—	—	—
Propylene	282	139	—	—	—	421	14
Normal Butylene	—	65	—	—	—	65	2
Isobutylene	—	—	—	—	—	—	—
Other Liquids	16,728	754	11,655	43	3,240	32,420	1,046
Hydrogen/Biofuels/Other Hydrocarbons	390	98	225	10	850	1,573	51
Hydrogen	—	—	—	—	—	—	—
Biofuels (including Fuel Ethanol)	390	98	225	10	850	1,573	51
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	390	98	173	10	180	851	27
Renewable Diesel Fuel	—	—	—	—	670	670	22
Other Biofuels ³	—	—	52	—	—	52	2
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	961	—	11,303	—	1,761	14,025	452
Naphthas and Lighter	344	—	—	—	—	344	11
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	617	—	6,289	—	1,761	8,667	280
Residuum	—	—	5,014	—	—	5,014	162
Motor Gasoline Blend.Comp. (MGBC)	15,377	656	127	33	629	16,822	543
Reformulated - RBOB	5,553	—	—	—	—	5,553	179
Conventional	9,824	656	127	33	629	11,269	364
CBOB	2,079	300	—	—	179	2,558	83
GTAB	2,209	—	—	—	300	2,509	81
Other	5,536	356	127	33	150	6,202	200
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	13,504	1,636	5,727	147	3,352	24,366	786
Finished Motor Gasoline	2,556	—	—	—	491	3,047	98
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	2,556	—	—	—	491	3,047	98
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	2,556	—	—	—	491	3,047	98
Finished Aviation Gasoline	113	2	—	1	2	118	4
Kerosene-Type Jet Fuel	1,224	—	123	—	2,417	3,764	121
Bonded Aircraft Fuel	219	—	—	—	378	597	19
Other	1,005	—	123	—	2,039	3,167	102
Kerosene	100	—	—	—	—	100	3
Distillate Fuel Oil	5,917	378	57	28	171	6,551	211
15 ppm sulfur and under	5,817	373	57	28	171	6,446	208
Bonded	—	—	—	—	—	—	—
Other	5,817	373	57	28	171	6,446	208
Greater than 15 ppm to 500 ppm sulfur	100	3	—	—	—	103	3
Bonded	—	—	—	—	—	—	—
Other	100	3	—	—	—	103	3
Greater than 500 ppm to 2000 ppm sulfur	—	2	—	—	—	2	0
Bonded	—	—	—	—	—	—	—
Other	—	2	—	—	—	2	0
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	1,881	78	3,622	10	112	5,703	184
Less than 0.31 percent sulfur	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	689	4	—	—	38	731	24
Greater than 1.00 percent sulfur	1,192	74	3,622	10	74	4,972	160
Petrochemical Feedstocks	585	148	85	—	—	818	26
Naphtha for Petro. Feed. Use	584	83	24	—	—	691	22
Other Oils for Petro. Feed. Use	1	65	61	—	—	127	4
Special Naphthas	1	4	312	3	23	343	11
Lubricants	131	196	1,228	—	59	1,614	52
Waxes	77	9	44	—	13	143	5
Petroleum Coke (Marketable)	—	18	256	—	—	274	9
Asphalt and Road Oil	919	803	—	105	64	1,891	61
Miscellaneous Products	—	—	—	—	—	—	—
Total	51,183	79,473	62,002	9,904	46,245	248,807	8,026

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	30,890	43	-	2,093	-	-	-	15	135	150
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	1,911	16	-	-	-	-	-	-	135	135
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	27	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	507	-	-	-	-	-	-	-	-	-
Iraq	7,860	-	-	223	-	-	-	-	-	-
Kuwait	1,428	-	-	-	-	-	-	15	-	15
Libya	2,345	-	-	16	-	-	-	-	-	-
Nigeria	884	-	-	-	-	-	-	-	-	-
Saudi Arabia	15,029	-	-	1,854	-	-	-	-	-	-
United Arab Emirates	926	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	167,425	6,452	455	11,634	-	2,165	2,165	4,490	6,290	10,780
Argentina	2,121	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	273	273	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	3,032	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	122,308	6,201	455	37	-	306	306	2,522	1,662	4,184
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,019	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	2,452	-	-	497	-	-	-	-	-	-
Egypt	-	-	-	1,178	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	432	432
France	-	-	-	481	-	-	-	122	572	694
Germany	-	-	-	-	-	9	9	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	1,564	1,564
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	315	315	-	-	-
Korea, South	-	-	-	-	-	349	349	-	150	150
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	19,283	-	-	2,050	-	-	-	-	-	-
Netherlands	-	-	-	336	-	265	265	470	170	640
Norway	963	196	-	-	-	12	12	320	-	320
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	826	826
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	138	-	-	7,055	-	285	285	-	-	-
Spain	-	-	-	-	-	-	-	-	293	293
Sweden	-	-	-	-	-	-	-	-	621	621
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	2,458	55	-	-	-	-	-	-	-	-
United Kingdom	1,075	-	-	-	-	351	351	1,056	-	1,056
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	7,576	0	0	0	-	0	0	0	0	0
Total	198,315	6,495	455	13,727	-	2,165	2,165	4,505	6,425	10,930
Persian Gulf⁴	25,750	-	-	2,077	-	-	-	15	-	15

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	—	—	—	—	185	—	—	—	185	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	185	—	—	—	185	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	257	388	632	—	6,984	316	11	—	7,311	—	84
Argentina	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	250	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	7	174	—	—	4,927	1	11	—	4,939	—	4
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	49
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Germany	—	197	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	2	—	—	40	315	—	—	355	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	756	—	—	—	756	—	31
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	1,261	—	—	—	1,261	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—
Spain	—	15	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	632	—	0	0	0	—	0	—	0
Total	257	388	632	—	7,169	316	11	—	7,496	—	84
Persian Gulf⁴	—	—	—	—	1,446	—	—	—	1,446	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	382	—	—	—	—	—	70	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	70	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	340	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	42	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,571	217	—	1,320	3,811	5,131	378	103
Argentina	—	—	—	—	—	—	—	—	20
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	48	48	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	208	193	—	150	1,026	1,176	105	83
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	181	—	181	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	148	148	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	15	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	2,271	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	332	1,710	2,042	119	—
Netherlands	—	—	9	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	442	—	—	—	—	—	—	—
Russia	—	—	—	—	400	879	1,279	—	—
Spain	—	—	—	—	—	—	—	25	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	650	0	—	257	0	257	129	0
Total	—	3,953	217	—	1,320	3,811	5,131	448	103
Persian Gulf⁴	—	824	—	—	—	—	—	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	150	—	3,073	33,963	996	99	1,096
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	221	2,132	62	7	69
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	27	27	—	1	1
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	507	16	—	16
Iraq	—	—	—	—	—	223	8,083	254	7	261
Kuwait	—	—	—	—	—	355	1,783	46	11	58
Libya	—	—	—	—	—	16	2,361	76	1	76
Nigeria	—	—	—	—	—	—	884	29	—	29
Saudi Arabia	—	—	—	29	—	2,110	17,139	485	68	553
United Arab Emirates	—	—	—	121	—	121	1,047	30	4	34
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	221	201	1,140	972	—	52,092	219,517	5,401	1,680	7,081
Argentina	—	52	—	1	—	73	2,194	68	2	71
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	321	321	—	10	10
Bahrain	—	—	—	19	—	19	19	—	1	1
Belgium	—	—	—	7	—	7	7	—	0	0
Brazil	—	122	—	—	—	372	3,404	98	12	110
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	92	7	1,103	285	—	19,559	141,867	3,945	631	4,576
Chad	—	—	—	—	—	—	—	—	—	—
China	3	—	—	—	—	3	3	—	0	0
Colombia	—	—	—	—	—	181	6,200	194	6	200
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	645	3,097	79	21	100
Egypt	—	—	—	—	—	1,178	1,178	—	38	38
Estonia	—	—	—	—	—	49	49	—	2	2
Finland	—	—	—	—	—	432	432	—	14	14
France	—	—	—	8	—	1,183	1,183	—	38	38
Germany	—	—	—	6	—	227	227	—	7	7
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,564	1,564	—	50	50
Indonesia	—	—	—	63	—	63	63	—	2	2
Italy	—	—	37	4	—	356	356	—	11	11
Korea, South	—	—	—	138	—	3,265	3,265	—	105	105
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	65	—	—	—	—	65	65	—	2	2
Mexico	—	—	—	—	—	4,211	23,494	622	136	758
Netherlands	—	—	—	117	—	2,154	2,154	—	69	69
Norway	—	—	—	—	—	528	1,491	31	17	48
Oman	—	—	—	65	—	65	65	—	2	2
Portugal	—	—	—	—	—	826	826	—	27	27
Qatar	—	—	—	256	—	1,959	1,959	—	63	63
Russia	—	—	—	2	—	8,621	8,759	4	278	283
Spain	2	—	—	—	—	335	335	—	11	11
Sweden	—	—	—	—	—	621	621	—	20	20
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	55	2,513	79	2	81
United Kingdom	14	18	—	—	—	1,439	2,514	35	46	81
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	45	2	0	1	—	1,716	9,292	246	57	301
Total	221	201	1,140	1,122	—	55,165	253,480	6,397	1,780	8,177
Persian Gulf⁴	—	—	—	425	—	4,787	30,537	831	154	985

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	26,478	746	-	827	-	-	-	-	200	200
Algeria	-	506	-	300	-	-	-	-	-	-
Angola	1,893	-	-	-	-	-	-	-	200	200
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	240	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,586	-	-	-	-	-	-	-	-	-
Kuwait	376	-	-	-	-	-	-	-	-	-
Libya	2,185	-	-	30	-	-	-	-	-	-
Nigeria	3,028	-	-	-	-	-	-	-	-	-
Saudi Arabia	12,410	-	-	497	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	145,994	5,590	469	14,215	-	1,308	1,308	5,428	9,339	14,767
Argentina	559	-	-	-	-	-	-	-	171	171
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	15	15	-	-	-
Brazil	3,821	-	-	679	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	107,246	5,564	469	487	-	279	279	2,762	1,428	4,190
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,390	-	-	134	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	3,435	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	188	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	952	952
France	-	-	-	-	-	-	-	279	295	574
Germany	-	-	-	-	-	96	96	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	1,281	1,281
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	924	924
Korea, South	-	2	-	-	-	703	703	-	7	7
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	16,049	-	-	2,969	-	-	-	-	270	270
Netherlands	-	-	-	250	-	158	158	971	331	1,302
Norway	532	-	-	-	-	-	-	-	312	312
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	33	33	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	2,325	-	-	9,336	-	-	-	-	892	892
Spain	-	-	-	-	-	-	-	-	915	915
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,023	24	-	-	-	-	-	-	-	-
United Kingdom	399	-	-	-	-	24	24	1,416	280	1,696
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	4,215	0	0	172	-	0	0	0	1,281	1,281
Total	172,472	6,336	469	15,042	-	1,308	1,308	5,428	9,539	14,967
Persian Gulf⁴	19,372	-	-	497	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	2,005	-	-	-	2,005	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	534	-	-	-	534	-	-
Saudi Arabia	-	-	-	-	1,471	-	-	-	1,471	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	121	359	-	9,097	2	73	-	9,172	-	3
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	776	-	62	-	838	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	121	-	-	4,291	2	11	-	4,304	-	3
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	20	-	-	-	20	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	45	-	-	-	45	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	1,167	-	-	-	1,167	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	641	-	-	-	641	-	-
Russia	-	-	-	-	2,157	-	-	-	2,157	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	359	-	0	0	0	-	0	-	0
Total	-	121	359	-	11,102	2	73	-	11,177	-	3
Persian Gulf⁴	-	-	-	-	2,112	-	-	-	2,112	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	406	—	—	8	—	8	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	8	—	8	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	16	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	115	—	—	—	—	—	—	—
United Arab Emirates	—	275	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	2,652	133	—	1,734	5,485	7,219	246	105
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	32	263	295	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	26	26	—	—
Brazil	—	—	—	—	92	71	163	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	188	45	—	269	188	457	83	60
Chad	—	—	—	—	—	—	—	—	—
China	—	316	—	—	—	—	—	—	—
Colombia	—	—	—	—	44	107	151	—	—
Denmark	—	—	—	—	68	—	68	—	—
Ecuador	—	—	—	—	100	104	204	—	—
Egypt	—	—	—	—	27	—	27	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	94	94	—	35
Germany	—	—	—	—	272	5	277	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	2,093	45	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	616	616	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	284	2,143	2,427	79	—
Netherlands	—	—	—	—	3	171	174	—	—
Norway	—	—	—	—	361	—	361	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	1,687	1,687	—	—
Spain	—	—	—	—	—	8	8	—	—
Sweden	—	—	—	—	111	—	111	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	10
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	55	43	—	63	2	65	84	0
Total	—	3,058	133	—	1,742	5,485	7,227	246	105
Persian Gulf⁴	—	406	—	—	—	—	—	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	106	—	4,298	30,776	946	154	1,099
Algeria	—	—	—	—	—	806	806	—	29	29
Angola	—	—	—	—	—	200	2,093	68	7	75
Congo (Brazzaville)	—	—	—	—	—	8	8	—	0	0
Equatorial Guinea	—	—	—	—	—	240	240	—	9	9
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	6,586	235	—	235
Kuwait	—	—	—	—	—	16	392	13	1	14
Libya	—	—	—	—	—	30	2,215	78	1	79
Nigeria	—	—	—	—	—	534	3,562	108	19	127
Saudi Arabia	—	—	—	—	—	2,083	14,493	443	74	518
United Arab Emirates	—	—	—	106	—	381	381	—	14	14
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	116	542	1,795	1,200	—	60,012	206,006	5,214	2,143	7,357
Argentina	—	267	—	5	—	443	1,002	20	16	36
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	295	295	—	11	11
Bahrain	—	—	—	192	—	192	192	—	7	7
Belgium	—	—	—	4	—	883	883	—	32	32
Brazil	—	249	—	—	—	1,091	4,912	136	39	175
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	72	6	1,736	260	—	18,324	125,570	3,830	654	4,485
Chad	—	—	—	—	—	—	—	—	—	—
China	24	—	—	—	—	340	340	—	12	12
Colombia	—	—	31	—	—	316	6,706	228	11	240
Denmark	—	—	—	—	—	68	68	—	2	2
Ecuador	—	—	—	—	—	204	3,639	123	7	130
Egypt	—	—	—	—	—	215	215	—	8	8
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	952	952	—	34	34
France	—	—	—	7	—	710	710	—	25	25
Germany	—	—	—	15	—	408	408	—	15	15
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,281	1,281	—	46	46
Indonesia	—	—	—	145	—	145	145	—	5	5
Italy	—	—	—	6	—	930	930	—	33	33
Korea, South	1	—	—	468	—	3,364	3,364	—	120	120
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	616	616	—	22	22
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	5,745	21,794	573	205	778
Netherlands	—	—	28	92	—	3,171	3,171	—	113	113
Norway	—	—	—	—	—	673	1,205	19	24	43
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	33	33	—	1	1
Qatar	—	—	—	—	—	641	641	—	23	23
Russia	—	—	—	3	—	14,075	16,400	83	503	586
Spain	—	—	—	—	—	923	923	—	33	33
Sweden	—	—	—	—	—	111	111	—	4	4
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	24	1,047	37	1	37
United Kingdom	—	1	—	—	—	1,731	2,130	14	62	76
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	19	19	0	3	—	2,100	6,315	151	75	225
Total	116	542	1,795	1,306	—	64,310	236,782	6,160	2,297	8,457
Persian Gulf⁴	—	—	—	298	—	3,313	22,685	692	118	810

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	26,723	78	-	1,612	-	-	-	-	919	919
Algeria	-	-	-	885	-	-	-	-	-	-
Angola	899	-	-	-	-	-	-	-	123	123
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,791	-	-	529	-	-	-	-	-	-
Kuwait	369	-	-	-	-	-	-	-	-	-
Libya	2,992	-	-	-	-	-	-	-	-	-
Nigeria	1,048	78	-	-	-	-	-	-	278	278
Saudi Arabia	15,624	-	-	198	-	-	-	-	518	518
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	172,201	5,407	564	17,693	-	1,867	1,867	4,332	9,316	13,648
Argentina	1,951	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	637	637	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	324	324
Brazil	3,385	-	-	-	-	-	-	-	15	15
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	125,301	5,382	564	300	-	446	446	2,289	1,673	3,962
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	7,048	-	-	335	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	3,391	-	-	906	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	263	263
France	-	-	-	-	-	-	-	-	588	588
Germany	-	-	-	69	-	-	-	-	43	43
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	1,684	1,684
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	45	-	315	315	-	359	359
Korea, South	-	1	-	-	-	229	229	-	407	407
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	20,365	-	-	3,595	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	1,388	410	1,798
Norway	588	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	588	588
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	4,218	-	-	11,376	-	-	-	-	1,260	1,260
Spain	-	-	-	-	-	140	140	-	734	734
Sweden	-	-	-	-	-	100	100	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	900	24	-	-	-	-	-	-	-	-
United Kingdom	924	-	-	-	-	-	-	655	-	655
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	4,130	0	0	1,067	-	0	0	0	968	968
Total	198,924	5,485	564	19,305	-	1,867	1,867	4,332	10,235	14,567
Persian Gulf⁴	21,784	-	-	727	-	-	-	-	518	518

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	159	-	-	-	159	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	111	-	-	-	111	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	48	-	-	-	48	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	636	555	-	5,264	321	111	-	5,696	-	45
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	191	-	-	3,769	5	1	-	3,775	-	5
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	221	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	78	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	43	316	-	-	359	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	598	-	-	-	598	-	40
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	854	-	-	-	854	-	-
Russia	-	-	-	-	-	-	110	-	110	-	-
Spain	-	146	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	555	-	0	0	0	-	0	-	0
Total	-	636	555	-	5,423	321	111	-	5,855	-	45
Persian Gulf⁴	-	-	-	-	902	-	-	-	902	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	547	—	—	—	65	65	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	10	10	—	—
Kuwait	—	308	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	239	—	—	—	51	51	—	—
United Arab Emirates	—	—	—	—	—	4	4	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,306	577	—	112	5,812	5,924	355	115
Argentina	—	—	—	—	—	—	—	—	28
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	293	293	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	3	3	—	—
Brazil	—	—	—	—	—	1,755	1,755	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	463	151	—	112	265	377	107	87
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	581	581	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	179	179	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	8	8	7	—
Germany	—	—	—	—	—	9	9	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	2,249	383	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	10	—	—	—	1,764	1,764	69	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	861	861	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	584	43	—	0	94	94	172	0
Total	—	3,853	577	—	112	5,877	5,989	355	115
Persian Gulf⁴	—	547	—	—	—	65	65	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	211	—	3,591	30,314	862	116	978
Algeria	—	—	—	—	—	885	885	—	29	29
Angola	—	—	—	—	—	123	1,022	29	4	33
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	539	6,330	187	17	204
Kuwait	—	—	—	—	—	308	677	12	10	22
Libya	—	—	—	—	—	—	2,992	97	—	97
Nigeria	—	—	—	—	—	467	1,515	34	15	49
Saudi Arabia	—	—	—	—	—	1,006	16,630	504	32	536
United Arab Emirates	—	—	—	211	—	263	263	—	8	8
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	122	142	1,515	1,224	—	59,391	231,592	5,555	1,916	7,471
Argentina	—	91	—	4	—	123	2,074	63	4	67
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	930	930	—	30	30
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	3	—	330	330	—	11	11
Brazil	—	—	—	—	—	1,770	5,155	109	57	166
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	98	50	1,443	328	—	17,729	143,030	4,042	572	4,614
Chad	—	—	—	—	—	—	—	—	—	—
China	3	—	—	—	—	3	3	—	0	0
Colombia	—	—	—	—	—	916	7,964	227	30	257
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	1,085	4,476	109	35	144
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	263	263	—	8	8
France	—	—	—	11	—	614	614	—	20	20
Germany	—	—	—	10	—	352	352	—	11	11
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	1,685	1,685	—	54	54
Indonesia	—	—	—	123	—	123	123	—	4	4
Italy	—	—	—	14	—	811	811	—	26	26
Korea, South	1	—	—	347	—	3,976	3,976	—	128	128
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	5,438	25,803	657	175	832
Netherlands	—	—	—	75	—	2,511	2,511	—	81	81
Norway	—	—	—	—	—	—	588	19	—	19
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	588	588	—	19	19
Qatar	—	—	—	308	—	1,162	1,162	—	37	37
Russia	—	—	—	—	—	13,607	17,825	136	439	575
Spain	1	—	72	—	—	1,093	1,093	—	35	35
Sweden	—	—	—	—	—	100	100	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	24	924	29	1	30
United Kingdom	—	—	—	—	—	655	1,579	30	21	51
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	19	1	0	0	—	3,503	7,633	134	115	249
Total	122	142	1,515	1,435	—	62,982	261,906	6,417	2,032	8,449
Persian Gulf⁴	—	—	—	519	—	3,278	25,062	703	106	808

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	26,726	97	-	7,644	-	310	310	259	1,651	1,910
Algeria	-	-	-	1,152	-	-	-	-	-	-
Angola	581	-	-	-	-	-	-	-	154	154
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	65	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,541	-	-	1,514	-	-	-	-	-	-
Kuwait	781	-	-	654	-	-	-	-	-	-
Libya	2,452	-	-	-	-	-	-	-	-	-
Nigeria	2,242	32	-	277	-	-	-	-	289	289
Saudi Arabia	12,397	-	-	1,735	-	310	310	259	1,208	1,467
United Arab Emirates	1,732	-	-	2,312	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	155,061	3,956	583	13,816	-	3,093	3,093	5,667	9,892	15,559
Argentina	2,491	-	-	-	-	16	16	-	222	222
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	170	170	-	299	299
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	321	321	-	-	-
Brazil	3,420	-	-	667	-	-	-	-	64	64
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	110,477	3,955	558	791	-	440	440	2,188	1,457	3,645
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	7,774	-	-	57	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	3,952	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	100	-	-	-	-	620	620
France	-	-	-	511	-	48	48	-	231	231
Germany	-	-	-	-	-	55	55	-	62	62
Guatemala	295	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	34	34	328	2,314	2,642
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	413	413	-	390	390
Korea, South	-	1	-	-	-	371	371	-	464	464
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	545	545	-	300	300
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	17,962	-	25	3,074	-	-	-	-	230	230
Netherlands	-	-	-	-	-	135	135	1,199	259	1,458
Norway	1,327	-	-	-	-	-	-	181	125	306
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	244	244	-	276	276
Qatar	-	-	-	-	-	7	7	6	5	11
Russia	709	-	-	8,232	-	46	46	-	150	150
Spain	-	-	-	-	-	83	83	111	327	438
Sweden	-	-	-	-	-	6	6	-	4	4
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	2,085	-	-	-	-	39	39	-	-	-
United Kingdom	397	-	-	-	-	-	-	1,532	125	1,657
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	4,172	0	0	384	-	120	120	122	1,968	2,090
Total	181,787	4,053	583	21,460	-	3,403	3,403	5,926	11,543	17,469
Persian Gulf⁴	21,451	-	-	6,215	-	317	317	265	1,213	1,478

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	672	392	50	3,841	5	12	-	3,858	-	5	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	213	-	-	3,586	5	12	-	3,603	-	5	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	50	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	294	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	255	-	-	-	255	-	-	
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	49	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	165	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	343	0	0	0	0	-	0	-	0	
Total	-	672	392	50	3,841	5	12	-	3,858	-	5	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	175	—	—	54	225	279	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	54	30	84	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	175	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	195	195	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,511	279	—	1,235	4,119	5,354	441	104
Argentina	—	—	—	—	—	—	—	—	27
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	143	143	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	10	10	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	437	112	—	9	158	167	88	63
Chad	—	—	—	—	—	—	—	—	—
China	—	303	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	7	7	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	14
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	578	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	1,881	130	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	503	503	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	37	—	—	2,326	2,326	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	9	—
Russia	—	—	—	—	697	961	1,658	—	—
Spain	—	—	—	—	391	—	391	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	19	11	30	6	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	312	0	—	65	-30	35	338	0
Total	—	3,686	279	—	1,289	4,344	5,633	441	104
Persian Gulf⁴	—	175	—	—	—	195	195	9	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	10,415	37,141	891	347	1,238
Algeria	—	—	—	—	—	1,152	1,152	—	38	38
Angola	—	—	—	—	—	154	735	19	5	25
Congo (Brazzaville)	—	—	—	—	—	84	84	—	3	3
Equatorial Guinea	—	—	—	—	—	65	65	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,514	8,055	218	50	269
Kuwait	—	—	—	—	—	829	1,610	26	28	54
Libya	—	—	—	—	—	—	2,452	82	—	82
Nigeria	—	—	—	—	—	598	2,840	75	20	95
Saudi Arabia	—	—	—	—	—	3,707	16,104	413	124	537
United Arab Emirates	—	—	—	—	—	2,312	4,044	58	77	135
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	229	280	1,660	1,376	—	55,218	210,279	5,169	1,841	7,009
Argentina	—	112	—	5	—	382	2,873	83	13	96
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	612	612	—	20	20
Bahrain	—	—	—	51	—	51	51	—	2	2
Belgium	—	—	—	2	—	323	323	—	11	11
Brazil	—	—	—	—	—	741	4,161	114	25	139
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	92	28	1,660	320	—	16,177	126,654	3,683	539	4,222
Chad	—	—	—	—	—	—	—	—	—	—
China	77	—	—	—	—	380	380	—	13	13
Colombia	—	—	—	—	—	64	7,838	259	2	261
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	3,952	132	—	132
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	770	770	—	26	26
France	—	—	—	9	—	813	813	—	27	27
Germany	—	139	—	8	—	558	558	—	19	19
Guatemala	—	—	—	—	—	—	295	10	—	10
India	—	—	—	—	—	3,254	3,254	—	108	108
Indonesia	—	—	—	112	—	112	112	—	4	4
Italy	—	—	—	6	—	809	809	—	27	27
Korea, South	—	—	—	391	—	3,493	3,493	—	116	116
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	1,348	1,348	—	45	45
Malaysia	4	—	—	—	—	4	4	—	0	0
Mexico	—	—	—	—	—	5,692	23,654	599	190	788
Netherlands	—	—	—	123	—	1,765	1,765	—	59	59
Norway	—	—	—	—	—	306	1,633	44	10	54
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	520	520	—	17	17
Qatar	—	—	—	331	—	358	358	—	12	12
Russia	—	—	—	—	—	10,086	10,795	24	336	360
Spain	1	—	—	—	—	1,078	1,078	—	36	36
Sweden	—	—	—	1	—	11	11	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	39	2,124	70	1	71
United Kingdom	22	—	—	—	—	1,715	2,112	13	57	70
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	33	1	0	17	—	3,673	7,845	138	123	261
Total	229	280	1,660	1,376	—	65,633	247,420	6,060	2,188	8,247
Persian Gulf⁴	—	—	—	382	—	8,771	30,222	715	292	1,007

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, May 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	28,367	45	-	9,208	-	-	-	292	1,664	1,956
Algeria	-	-	-	2,371	-	-	-	-	-	-
Angola	1,013	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	45	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	7,259	-	-	2,101	-	-	-	-	-	-
Kuwait	756	-	-	1,054	-	-	-	2	-	2
Libya	1,671	-	-	-	-	-	-	-	-	-
Nigeria	4,909	-	-	-	-	-	-	-	318	318
Saudi Arabia	12,759	-	-	3,368	-	-	-	290	1,346	1,636
United Arab Emirates	-	-	-	314	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	162,705	3,723	507	5,833	-	4,470	4,470	4,991	15,787	20,778
Argentina	1,473	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	119	119	-	555	555
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	393	393	21	347	368
Brazil	2,864	-	-	502	-	-	-	-	313	313
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	114,240	3,722	507	332	-	486	486	2,339	1,550	3,889
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	8,513	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	4	50	54
Ecuador	5,809	-	-	767	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	1,126	1,126
France	-	-	-	-	-	429	429	306	62	368
Germany	-	-	-	-	-	45	45	-	73	73
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	333	-	79	79	14	2,803	2,817
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	236	236	-	1,575	1,575
Korea, South	-	1	-	-	-	869	869	-	606	606
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	131	131	-	350	350
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	23,924	-	-	2,535	-	-	-	-	-	-
Netherlands	-	-	-	-	-	520	520	1,059	1,097	2,156
Norway	832	-	-	-	-	-	-	306	40	346
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	71	71	3	576	579
Qatar	-	-	-	-	-	-	-	2	-	2
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	617	617	-	1,787	1,787
Sweden	-	-	-	-	-	-	-	-	472	472
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	877	-	-	-	-	-	-	-	-	-
United Kingdom	907	-	-	-	-	475	475	937	1,620	2,557
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,266	0	0	1,364	-	0	0	0	785	785
Total	191,072	3,768	507	15,041	-	4,470	4,470	5,283	17,451	22,734
Persian Gulf⁴	20,774	-	-	6,837	-	-	-	294	1,346	1,640

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	314	-	-	-	314	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	314	-	-	-	314	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	250	315	649	-	4,848	374	32	-	5,254	-	37
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	250	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	169	-	-	3,727	59	32	-	3,818	-	5
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	122	-	-	-	122	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	39	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	166	315	-	-	481	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	329	-	-	-	329	-	32
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	256	-	-	-	256	-	-
Qatar	-	-	-	-	248	-	-	-	248	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	107	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	649	-	0	0	0	-	0	-	0
Total	250	315	649	-	5,162	374	32	-	5,568	-	37
Persian Gulf⁴	-	-	-	-	562	-	-	-	562	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	200	—	615	—	388	1,003	—	—
Algeria	—	—	—	615	—	—	615	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	35	35	—	—
Kuwait	—	200	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	353	353	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,635	202	—	736	4,616	5,352	250	78
Argentina	—	—	—	—	—	1	1	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	482	482	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	479	112	—	6	667	673	73	78
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	830	830	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	1,979	68	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	2,486	2,486	124	—
Netherlands	—	—	—	—	363	109	472	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	292	—	292	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	18	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	1,177	22	0	75	41	116	35	0
Total	—	3,835	202	615	736	5,004	6,355	250	78
Persian Gulf⁴	—	200	—	—	—	388	388	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	264	—	12,990	41,357	915	419	1,334
Algeria	—	—	—	—	—	2,986	2,986	—	96	96
Angola	—	—	—	—	—	—	1,013	33	—	33
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	45	45	—	1	1
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	2,136	9,395	234	69	303
Kuwait	—	—	—	—	—	1,256	2,012	24	41	65
Libya	—	—	—	—	—	—	1,671	54	—	54
Nigeria	—	—	—	—	—	318	5,227	158	10	169
Saudi Arabia	—	—	—	—	—	5,671	18,430	412	183	595
United Arab Emirates	—	—	—	264	—	578	578	—	19	19
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	149	275	1,725	1,248	—	54,730	217,435	5,249	1,765	7,014
Argentina	—	—	—	5	—	6	1,479	48	0	48
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	674	674	—	22	22
Bahrain	—	—	—	78	—	78	78	—	3	3
Belgium	—	—	—	5	—	766	766	—	25	25
Brazil	—	250	—	—	—	1,797	4,661	92	58	150
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	107	16	1,635	278	—	16,379	130,619	3,685	528	4,214
Chad	—	—	—	—	—	—	—	—	—	—
China	3	—	—	—	—	3	3	—	0	0
Colombia	—	—	85	—	—	1,037	9,550	275	33	308
Denmark	—	—	—	—	—	54	54	—	2	2
Ecuador	—	—	—	—	—	767	6,576	187	25	212
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	1,126	1,126	—	36	36
France	—	—	—	14	—	811	811	—	26	26
Germany	—	—	—	10	—	128	128	—	4	4
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	3,230	3,230	—	104	104
Indonesia	—	—	—	61	—	61	61	—	2	2
Italy	—	—	—	13	—	1,863	1,863	—	60	60
Korea, South	1	—	—	376	—	4,381	4,381	—	141	141
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	481	481	—	16	16
Malaysia	13	—	—	—	—	13	13	—	0	0
Mexico	—	—	—	—	—	5,145	29,069	772	166	938
Netherlands	—	—	—	—	—	3,509	3,509	—	113	113
Norway	—	—	—	—	—	346	1,178	27	11	38
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	906	906	—	29	29
Qatar	—	—	—	405	—	655	655	—	21	21
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	5	—	—	2,808	2,808	—	91	91
Sweden	—	1	—	1	—	474	474	—	15	15
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	877	28	—	28
United Kingdom	—	8	—	—	—	3,058	3,965	29	99	128
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	25	0	0	1	—	4,174	7,440	106	135	240
Total	149	275	1,725	1,512	—	67,720	258,792	6,164	2,185	8,348
Persian Gulf⁴	—	—	—	747	—	10,374	31,148	670	335	1,005

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	34,639	49	-	7,885	-	412	412	514	1,440	1,954
Algeria	-	-	-	1,944	-	-	-	-	-	-
Angola	1,329	-	-	-	-	18	18	-	18	18
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	49	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	7,064	-	-	2,971	-	-	-	-	-	-
Kuwait	775	-	-	584	-	-	-	-	-	-
Libya	2,494	-	-	-	-	-	-	-	-	-
Nigeria	4,405	-	-	151	-	-	-	-	118	118
Saudi Arabia	18,572	-	-	2,235	-	394	394	514	1,304	1,818
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	159,572	3,309	381	7,364	-	3,858	3,858	5,064	14,583	19,647
Argentina	1,393	-	-	-	-	-	-	-	469	469
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	371	371	-	227	227
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	733	733	500	474	974
Brazil	4,583	-	-	32	-	-	-	-	378	378
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	114,451	3,260	381	844	-	421	421	1,927	1,353	3,280
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,184	-	-	199	-	-	-	-	14	14
Denmark	-	-	-	-	-	-	-	-	57	57
Ecuador	3,942	-	-	1,341	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	1,121	1,121
France	-	-	-	599	-	435	435	322	183	505
Germany	-	1	-	-	-	125	125	-	324	324
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	183	-	184	184	-	2,833	2,833
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	646	-	134	134	-	519	519
Korea, South	-	-	-	-	-	242	242	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	19,394	-	-	2,168	-	-	-	-	231	231
Netherlands	-	-	-	-	-	791	791	1,081	1,340	2,421
Norway	567	-	-	-	-	37	37	-	667	667
Oman	-	-	-	-	-	-	-	-	158	158
Portugal	-	-	-	-	-	-	-	-	1,115	1,115
Qatar	-	-	-	-	-	1	1	-	3	3
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	225	225	-	1,090	1,090
Sweden	-	-	-	-	-	78	78	-	14	14
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	499	48	-	-	-	-	-	-	-	-
United Kingdom	1,631	-	-	296	-	81	81	1,234	775	2,009
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	6,928	0	0	1,056	-	0	0	0	1,238	1,238
Total	194,211	3,358	381	15,249	-	4,270	4,270	5,578	16,023	21,601
Persian Gulf⁴	26,411	-	-	5,790	-	395	395	514	1,307	1,821

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	447	-	-	-	447	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	447	-	-	-	447	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	346	536	-	2,822	15	26	190	3,053	18	27
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	167	-	-	2,722	15	26	-	2,763	-	7
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	190	190	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	71	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	108	-	-	-	-	-	-	-	18	7
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	13
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	536	-	100	0	0	0	100	0	0
Total	-	346	536	-	3,269	15	26	190	3,500	18	27
Persian Gulf⁴	-	-	-	-	447	-	-	-	447	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	141	—	265	—	583	848	—	—
Algeria	—	—	—	265	—	—	265	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	141	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	583	583	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,661	356	—	681	5,434	6,115	391	79
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	82	82	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	239	239	—	—
Brazil	—	—	—	—	—	935	935	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	310	116	—	51	344	395	97	79
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	802	802	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	61	61	—	—
Korea, South	—	1,966	163	—	—	—	—	28	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	2,485	2,485	118	—
Netherlands	—	—	—	—	—	312	312	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	1	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	232	—	232	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	1,385	76	0	398	174	572	148	0
Total	—	3,802	356	265	681	6,017	6,963	391	79
Persian Gulf⁴	—	141	—	—	—	583	583	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	257	—	11,993	46,632	1,155	400	1,554
Algeria	—	—	—	—	—	2,209	2,209	—	74	74
Angola	—	—	—	—	—	36	1,365	44	1	46
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	49	49	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	2,971	10,035	235	99	335
Kuwait	—	—	—	—	—	725	1,500	26	24	50
Libya	—	—	—	—	—	—	2,494	83	—	83
Nigeria	—	—	—	—	—	269	4,674	147	9	156
Saudi Arabia	—	—	—	—	—	5,477	24,049	619	183	802
United Arab Emirates	—	—	—	257	—	257	257	—	9	9
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	244	266	1,763	1,135	—	52,549	212,121	5,319	1,752	7,071
Argentina	—	—	—	6	—	475	1,868	46	16	62
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	680	680	—	23	23
Bahrain	—	—	—	71	—	71	71	—	2	2
Belgium	—	—	—	1	—	1,947	1,947	—	65	65
Brazil	—	228	—	—	—	1,573	6,156	153	52	205
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	116	19	1,691	304	—	14,250	128,701	3,815	475	4,290
Chad	—	—	—	—	—	—	—	—	—	—
China	36	—	—	—	—	36	36	—	1	1
Colombia	—	—	—	—	—	1,015	7,199	206	34	240
Denmark	—	—	—	—	—	57	57	—	2	2
Ecuador	—	—	—	—	—	1,531	5,473	131	51	182
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	1,121	1,121	—	37	37
France	—	—	—	9	—	1,548	1,548	—	52	52
Germany	—	—	—	17	—	538	538	—	18	18
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	3,201	3,201	—	107	107
Indonesia	—	—	—	52	—	52	52	—	2	2
Italy	—	—	—	20	—	1,380	1,380	—	46	46
Korea, South	1	—	—	289	—	2,822	2,822	—	94	94
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	26	—	—	—	—	26	26	—	1	1
Mexico	—	—	—	—	—	5,002	24,396	646	167	813
Netherlands	—	—	30	—	—	3,567	3,567	—	119	119
Norway	—	—	—	—	—	704	1,271	19	23	42
Oman	—	—	—	—	—	158	158	—	5	5
Portugal	—	—	—	—	—	1,115	1,115	—	37	37
Qatar	—	—	—	361	—	365	365	—	12	12
Russia	—	—	—	—	—	—	—	—	—	—
Spain	5	—	42	—	—	1,363	1,363	—	45	45
Sweden	—	1	—	1	—	94	94	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	48	547	17	2	18
United Kingdom	16	—	—	—	—	2,634	4,265	54	88	142
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	44	18	0	3	—	5,176	12,104	232	173	406
Total	244	266	1,763	1,392	—	64,542	258,753	6,474	2,151	8,625
Persian Gulf⁴	—	—	—	689	—	9,866	36,277	880	329	1,209

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	35,377	53	-	8,977	-	-	-	282	1,446	1,728
Algeria	1,581	-	-	1,704	-	-	-	-	-	-
Angola	1,374	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	53	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	11,949	-	-	4,662	-	-	-	-	-	-
Kuwait	702	-	-	19	-	-	-	-	-	-
Libya	1,662	-	-	-	-	-	-	-	-	-
Nigeria	2,905	-	-	-	-	-	-	-	279	279
Saudi Arabia	14,207	-	-	1,815	-	-	-	-	946	946
United Arab Emirates	997	-	-	777	-	-	-	282	221	503
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	169,134	3,739	530	10,863	-	4,032	4,032	2,439	12,914	15,353
Argentina	2,246	-	-	-	-	-	-	-	372	372
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	700	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	249	249	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	353	-	964	964	-	36	36
Brazil	6,149	-	-	703	-	-	-	-	692	692
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	116,863	3,732	530	1,604	-	428	428	1,361	2,201	3,562
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	8,392	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	3,866	-	-	380	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	41	41	-	8	8
France	-	-	-	-	-	728	728	-	257	257
Germany	-	-	-	14	-	3	3	-	65	65
Guatemala	294	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	2,292	2,292
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	887	-	210	210	-	150	150
Korea, South	-	1	-	-	-	302	302	-	402	402
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	548	-	-	-	-	161	161
Mexico	22,844	-	-	2,607	-	-	-	-	-	-
Netherlands	-	-	-	1,167	-	289	289	310	755	1,065
Norway	651	-	-	-	-	229	229	-	476	476
Oman	-	-	-	-	-	-	-	-	50	50
Portugal	-	-	-	-	-	-	-	-	838	838
Qatar	-	-	-	566	-	-	-	-	4	4
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	348	-	-	-	-	1,005	1,005
Sweden	-	-	-	-	-	46	46	-	441	441
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	885	6	-	-	-	-	-	-	-	-
United Kingdom	1,366	-	-	1	-	226	226	768	381	1,149
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	4,878	0	0	1,685	-	317	317	0	2,328	2,328
Total	204,511	3,792	530	19,840	-	4,032	4,032	2,721	14,360	17,081
Persian Gulf⁴	27,855	-	-	7,839	-	-	-	282	1,171	1,453

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	284	593	-	5,200	26	34	-	5,260	-	14
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	25	-	-	25	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	241	-	-	4,870	1	34	-	4,905	-	8
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	285	-	-	-	285	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	43	-	-	45	-	-	-	45	-	6
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	593	-	0	0	0	-	0	-	0
Total	-	284	593	-	5,200	26	34	-	5,260	-	14
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	—	—	168	168	—	—
Algeria	—	—	—	—	—	5	5	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	163	163	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	4,298	479	—	517	4,296	4,813	461	133
Argentina	—	—	—	—	—	—	—	—	23
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	322	322	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	405	271	—	199	520	719	96	97
Chad	—	—	—	—	—	—	—	—	—
China	—	314	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	531	531	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	130	130	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	62	13
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	2,446	208	—	—	—	—	106	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	2,243	2,243	105	—
Netherlands	—	—	—	—	—	101	101	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	158	—	158	23	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	1,133	0	—	160	449	609	69	0
Total	—	4,298	479	—	517	4,464	4,981	461	133
Persian Gulf⁴	—	—	—	—	—	163	163	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	287	—	11,213	46,590	1,141	362	1,503
Algeria	—	—	—	—	—	1,709	3,290	51	55	106
Angola	—	—	—	—	—	—	1,374	44	—	44
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	53	53	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	4,662	16,611	385	150	536
Kuwait	—	—	—	—	—	19	721	23	1	23
Libya	—	—	—	—	—	—	1,662	54	—	54
Nigeria	—	—	—	—	—	279	3,184	94	9	103
Saudi Arabia	—	—	—	—	—	2,924	17,131	458	94	553
United Arab Emirates	—	—	—	287	—	1,567	2,564	32	51	83
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	207	448	2,398	1,434	—	55,339	224,473	5,456	1,785	7,241
Argentina	—	204	—	4	—	603	2,849	72	19	92
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	700	23	—	23
Bahamas	—	—	—	—	—	249	249	—	8	8
Bahrain	—	—	—	64	—	64	64	—	2	2
Belgium	—	—	—	2	—	1,355	1,355	—	44	44
Brazil	—	225	—	—	—	1,967	8,116	198	63	262
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	105	18	2,228	259	—	19,208	136,071	3,770	620	4,389
Chad	—	—	—	—	—	—	—	—	—	—
China	26	—	—	—	—	340	340	—	11	11
Colombia	—	—	43	—	—	859	9,251	271	28	298
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	510	4,376	125	16	141
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	49	49	—	2	2
France	—	—	—	17	—	1,077	1,077	—	35	35
Germany	—	—	—	14	—	96	96	—	3	3
Guatemala	—	—	—	—	—	—	294	9	—	9
India	—	—	—	2	—	2,294	2,294	—	74	74
Indonesia	—	—	—	169	—	169	169	—	5	5
Italy	—	—	61	13	—	1,321	1,321	—	43	43
Korea, South	1	—	—	403	—	3,963	3,963	—	128	128
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	45	—	—	—	—	754	754	—	24	24
Mexico	—	—	—	—	—	4,955	27,799	737	160	897
Netherlands	—	—	—	—	—	2,622	2,622	—	85	85
Norway	—	—	—	—	—	705	1,356	21	23	44
Oman	—	—	—	—	—	50	50	—	2	2
Portugal	—	—	—	—	—	838	838	—	27	27
Qatar	—	—	—	413	—	983	983	—	32	32
Russia	—	—	—	—	—	—	—	—	—	—
Spain	1	—	9	—	—	1,363	1,363	—	44	44
Sweden	—	1	—	—	—	488	488	—	16	16
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	6	891	29	0	29
United Kingdom	—	—	—	—	—	1,557	2,923	44	50	94
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	29	0	57	74	—	6,894	11,772	157	221	378
Total	207	448	2,398	1,721	—	66,552	271,063	6,597	2,147	8,744
Persian Gulf⁴	—	—	—	764	—	10,219	38,074	899	330	1,228

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, August 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	28,945	334	-	6,893	-	-	-	18	940	958
Algeria	357	-	-	913	-	-	-	18	-	18
Angola	1,543	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	334	-	-	-	-	-	-	-	-
Gabon	708	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,633	-	-	2,861	-	-	-	-	-	-
Kuwait	618	-	-	-	-	-	-	-	-	-
Libya	2,117	-	-	-	-	-	-	-	-	-
Nigeria	4,342	-	-	263	-	-	-	-	438	438
Saudi Arabia	11,894	-	-	2,244	-	-	-	-	502	502
United Arab Emirates	733	-	-	612	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	167,380	4,284	450	7,055	-	2,913	2,913	5,318	13,298	18,616
Argentina	948	-	-	-	-	-	-	-	247	247
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	760	760	-	956	956
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	177	-	414	414	203	162	365
Brazil	4,004	-	-	703	-	-	-	-	455	455
Brunei	-	-	-	-	-	-	-	-	287	287
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	119,544	4,283	450	121	-	533	533	1,252	2,197	3,449
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,651	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	6	33	39
Ecuador	5,446	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	324	324
France	-	-	-	52	-	136	136	150	124	274
Germany	-	1	-	-	-	-	-	-	11	11
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	335	1,843	2,178
Indonesia	549	-	-	-	-	-	-	-	-	-
Italy	-	-	-	306	-	-	-	92	776	868
Korea, South	-	-	-	-	-	239	239	-	1,335	1,335
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	580	580	-	-	-
Malaysia	-	-	-	1,570	-	-	-	-	276	276
Mexico	19,869	-	-	2,681	-	-	-	-	230	230
Netherlands	-	-	-	180	-	158	158	1,155	472	1,627
Norway	-	-	-	-	-	-	-	307	620	927
Oman	-	-	-	298	-	-	-	-	100	100
Portugal	-	-	-	-	-	-	-	-	1,146	1,146
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	267	-	-	-	-	668	668
Sweden	-	-	-	-	-	-	-	11	20	31
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,895	-	-	-	-	-	-	-	-	-
United Kingdom	1,401	-	-	-	-	87	87	1,482	306	1,788
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	7,073	0	0	700	-	6	6	325	710	1,035
Total	196,325	4,618	450	13,948	-	2,913	2,913	5,336	14,238	19,574
Persian Gulf⁴	19,878	-	-	5,717	-	-	-	-	502	502

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	445	371	421	12	5,132	319	6	-	5,457	-	3	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	445	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	371	-	-	4,368	5	6	-	4,379	-	3	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	310	-	-	-	310	-	-	
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	454	314	-	-	768	-	-	
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	1	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	421	11	0	0	0	-	0	-	0	
Total	445	371	421	12	5,132	319	6	-	5,457	-	3	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	349	—	327	676	—	—
Algeria	—	—	—	349	—	—	349	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	327	327	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	2,646	1,102	676	772	3,819	5,267	390	89
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	835	835	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	329	38	371	48	538	957	69	81
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	185	185	—	—
Denmark	—	—	—	—	315	—	315	—	—
Ecuador	—	—	—	—	—	308	308	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	8
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	256	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	1,211	1,064	—	—	—	—	63	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	1,953	1,953	136	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	10	—	10	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	850	0	305	399	0	704	122	0
Total	—	2,646	1,102	1,025	772	4,146	5,943	390	89
Persian Gulf⁴	—	—	—	—	—	327	327	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	155	—	257	—	9,273	38,218	934	299	1,233
Algeria	—	—	—	—	—	1,280	1,637	12	41	53
Angola	—	—	—	—	—	—	1,543	50	—	50
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	334	334	—	11	11
Gabon	—	—	—	—	—	—	708	23	—	23
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	2,861	9,494	214	92	306
Kuwait	—	155	—	—	—	155	773	20	5	25
Libya	—	—	—	—	—	—	2,117	68	—	68
Nigeria	—	—	—	—	—	701	5,043	140	23	163
Saudi Arabia	—	—	—	—	—	3,073	14,967	384	99	483
United Arab Emirates	—	—	—	257	—	869	1,602	24	28	52
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	164	227	2,426	1,453	—	53,791	221,171	5,399	1,735	7,135
Argentina	—	—	—	4	—	251	1,199	31	8	39
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,716	1,716	—	55	55
Bahrain	—	—	—	64	—	64	64	—	2	2
Belgium	—	—	—	3	—	959	959	—	31	31
Brazil	—	1	—	—	—	2,439	6,443	129	79	208
Brunei	—	—	—	—	—	287	287	—	9	9
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	107	23	1,722	302	—	17,217	136,761	3,856	555	4,412
Chad	—	—	—	—	—	—	—	—	—	—
China	24	—	—	—	—	24	24	—	1	1
Colombia	—	—	71	—	—	566	7,217	215	18	233
Denmark	—	—	—	23	—	377	377	—	12	12
Ecuador	—	—	—	—	—	308	5,754	176	10	186
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	324	324	—	10	10
France	—	—	—	11	—	481	481	—	16	16
Germany	—	—	—	19	—	31	31	—	1	1
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	2,435	2,435	—	79	79
Indonesia	—	—	—	194	—	194	743	18	6	24
Italy	—	—	—	11	—	1,185	1,185	—	38	38
Korea, South	—	—	—	364	—	5,044	5,044	—	163	163
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	580	580	—	19	19
Malaysia	12	—	—	—	—	1,859	1,859	—	60	60
Mexico	—	—	—	—	—	5,000	24,869	641	161	802
Netherlands	—	—	33	2	—	2,000	2,000	—	65	65
Norway	—	—	—	—	—	927	927	—	30	30
Oman	—	—	—	—	—	398	398	—	13	13
Portugal	—	—	—	—	—	1,146	1,146	—	37	37
Qatar	—	—	—	431	—	431	431	—	14	14
Russia	—	—	—	—	—	—	—	—	—	—
Spain	2	202	309	—	—	1,448	1,448	—	47	47
Sweden	—	1	—	—	—	32	32	—	1	1
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,895	61	—	61
United Kingdom	—	—	—	—	—	1,885	3,286	45	61	106
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	19	0	291	24	—	4,183	11,256	227	134	361
Total	164	382	2,426	1,710	—	63,064	259,389	6,333	2,034	8,367
Persian Gulf⁴	—	155	—	752	—	7,453	27,331	641	240	882

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	25,845	—	—	6,198	—	—	—	—	1,135	1,135
Algeria	642	—	—	612	—	—	—	—	164	164
Angola	1,931	—	—	100	—	—	—	—	123	123
Congo (Brazzaville)	965	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	6,938	—	—	1,474	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	1,874	—	—	—	—	—	—	—	—	—
Nigeria	1,621	—	—	—	—	—	—	—	203	203
Saudi Arabia	11,874	—	—	2,234	—	—	—	—	645	645
United Arab Emirates	—	—	—	1,778	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	162,225	4,112	315	7,064	—	3,638	3,638	4,516	8,040	12,556
Argentina	1,948	—	—	40	—	14	14	—	203	203
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	595	595	—	569	569
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	359	359	—	111	111
Brazil	5,587	—	—	693	—	—	—	—	402	402
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	116,993	4,025	315	1,246	—	577	577	1,359	854	2,213
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	4,859	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	1	1	—	17	17
Ecuador	7,077	—	—	996	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	22	22
France	—	—	—	—	—	14	14	—	465	465
Germany	—	—	—	—	—	1	1	—	62	62
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	347	—	—	—	—	1,173	1,173
Indonesia	635	—	—	—	—	—	—	—	—	—
Italy	—	—	—	492	—	—	—	72	313	385
Korea, South	—	1	—	—	—	359	359	—	928	928
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	103	103	—	76	76
Malaysia	—	—	—	1,006	—	—	—	—	—	—
Mexico	19,055	—	—	1,308	—	—	—	—	230	230
Netherlands	—	—	—	220	—	593	593	1,294	588	1,882
Norway	439	—	—	—	—	683	683	227	79	306
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	569	569
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	26	26	182	358	540
Sweden	—	—	—	—	—	9	9	—	22	22
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	1,387	56	—	—	—	—	—	—	—	—
United Kingdom	1,660	—	—	—	—	88	88	1,232	621	1,853
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1,620	30	0	716	—	216	216	150	378	528
Total	188,070	4,112	315	13,262	—	3,638	3,638	4,516	9,175	13,691
Persian Gulf⁴	18,812	—	—	5,486	—	—	—	—	645	645

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	405	304	-	3,792	11	2	-	3,805	-	33
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	376	-	-	3,792	11	2	-	3,805	-	10
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	29	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	23
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	304	-	0	0	0	-	0	-	0
Total	-	405	304	-	3,792	11	2	-	3,805	-	33
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	—	—	272	272	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	35	35	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	237	237	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	2,439	696	145	538	4,938	5,621	378	97
Argentina	—	—	—	—	—	—	—	—	15
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	188	416	604	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	204	235	—	41	496	537	70	63
Chad	—	—	—	—	—	—	—	—	—
China	—	300	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	317	317	—	—
Denmark	—	—	—	—	1	—	1	—	—
Ecuador	—	—	—	—	—	77	77	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	19
Germany	—	—	—	145	117	—	262	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	96	96	—	—
Korea, South	—	679	439	—	—	—	—	125	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	169	169	—	—
Mexico	—	—	—	—	—	3,090	3,090	125	—
Netherlands	—	—	—	—	167	160	327	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	24	—	24	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	37	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	1,256	22	0	0	117	117	21	0
Total	—	2,439	696	145	538	5,210	5,893	378	97
Persian Gulf⁴	—	—	—	—	—	272	272	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	243	—	7,848	33,693	862	262	1,123
Algeria	—	—	—	—	—	776	1,418	21	26	47
Angola	—	—	—	—	—	223	2,154	64	7	72
Congo (Brazzaville)	—	—	—	—	—	—	965	32	—	32
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,509	8,447	231	50	282
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,874	62	—	62
Nigeria	—	—	—	—	—	203	1,824	54	7	61
Saudi Arabia	—	—	—	—	—	3,116	14,990	396	104	500
United Arab Emirates	—	—	—	243	—	2,021	2,021	—	67	67
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	188	258	1,794	1,253	—	44,956	207,181	5,408	1,499	6,906
Argentina	—	98	—	5	—	375	2,323	65	13	77
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,164	1,164	—	39	39
Bahrain	—	—	—	55	—	55	55	—	2	2
Belgium	—	—	—	2	—	1,076	1,076	—	36	36
Brazil	—	1	—	—	—	1,096	6,683	186	37	223
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	93	25	1,794	278	—	15,866	132,859	3,900	529	4,429
Chad	—	—	—	—	—	—	—	—	—	—
China	26	—	—	—	—	356	356	—	12	12
Colombia	—	—	—	—	—	317	5,176	162	11	173
Denmark	—	—	—	—	—	19	19	—	1	1
Ecuador	—	—	—	—	—	1,073	8,150	236	36	272
Egypt	22	—	—	—	—	22	22	—	1	1
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	22	22	—	1	1
France	—	—	—	12	—	510	510	—	17	17
Germany	—	—	—	13	—	338	338	—	11	11
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,520	1,520	—	51	51
Indonesia	—	—	—	67	—	67	702	21	2	23
Italy	—	—	—	9	—	982	982	—	33	33
Korea, South	1	—	—	329	—	2,890	2,890	—	96	96
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	179	179	—	6	6
Malaysia	2	—	—	—	—	1,177	1,177	—	39	39
Mexico	—	—	—	—	—	4,753	23,808	635	158	794
Netherlands	—	—	—	74	—	3,119	3,119	—	104	104
Norway	—	—	—	—	—	989	1,428	15	33	48
Oman	—	133	—	—	—	133	133	—	4	4
Portugal	—	—	—	—	—	569	569	—	19	19
Qatar	—	—	—	388	—	388	388	—	13	13
Russia	—	—	—	—	—	—	—	—	—	—
Spain	1	—	—	—	—	567	567	—	19	19
Sweden	—	1	—	1	—	57	57	—	2	2
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	56	1,443	46	2	48
United Kingdom	10	—	—	—	—	1,988	3,648	55	66	122
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	33	0	0	20	—	3,233	4,853	55	106	159
Total	188	258	1,794	1,496	—	52,804	240,874	6,269	1,760	8,029
Persian Gulf⁴	—	—	—	686	—	7,089	25,901	627	236	863

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	28,764	—	—	6,145	—	—	—	—	1,083	1,083
Algeria	648	—	—	1,187	—	—	—	—	—	—
Angola	2,051	—	—	90	—	—	—	—	219	219
Congo (Brazzaville)	932	—	—	7	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	6,034	—	—	3,102	—	—	—	—	—	—
Kuwait	1,259	—	—	—	—	—	—	—	—	—
Libya	3,741	—	—	—	—	—	—	—	—	—
Nigeria	1,267	—	—	26	—	—	—	—	308	308
Saudi Arabia	12,832	—	—	1,473	—	—	—	—	556	556
United Arab Emirates	—	—	—	260	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	164,658	5,142	286	11,459	—	2,460	2,460	4,071	7,977	12,048
Argentina	2,762	55	—	106	—	—	—	—	293	293
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	320	—	—	—	—	26	26
Brazil	6,124	—	—	685	—	—	—	—	76	76
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	116,184	5,028	260	1,565	—	418	418	1,589	583	2,172
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	6,799	—	—	2	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	11	11
Ecuador	3,494	—	—	1,072	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	137	137	—	—	—
Germany	—	—	—	—	—	—	—	—	55	55
Guatemala	279	—	—	—	—	—	—	—	—	—
India	—	—	—	581	—	103	103	—	1,133	1,133
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	140	—	233	233	—	1,668	1,668
Korea, South	—	—	—	—	—	679	679	—	12	12
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	113	—	—	—	—	—	—
Malaysia	—	—	—	1,654	—	—	—	—	184	184
Mexico	21,124	—	—	3,592	—	—	—	—	130	130
Netherlands	—	—	—	471	—	64	64	576	32	608
Norway	190	—	—	—	—	126	126	454	336	790
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	1,128	1,128
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	226	—	—	—	35	1,111	1,146
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	522	—	—	—	—	—	—	—	—	—
United Kingdom	2,098	—	—	381	—	492	492	1,417	655	2,072
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	4,150	59	26	544	—	208	208	0	544	544
Total	193,422	5,142	286	17,604	—	2,460	2,460	4,071	9,060	13,131
Persian Gulf⁴	20,125	—	—	4,835	—	—	—	—	556	556

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	10	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	10	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	193	658	441	-	3,264	6	2	-	3,272	-	33
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	193	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	308	-	-	2,940	6	2	-	2,948	-	7
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	293	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	25	-	-	-	25	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	45	-	-	-	-	-	-	-	26
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	57	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	396	-	299	0	0	-	299	-	0
Total	193	658	451	-	3,264	6	2	-	3,272	-	33
Persian Gulf⁴	-	-	10	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	1,115	28	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	1,115	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	28	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	2,947	463	438	1,470	4,415	6,323	283	58
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	135	135	—	—
Belgium	—	14	—	—	360	—	360	—	—
Brazil	—	—	—	—	—	389	389	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	184	121	—	43	243	286	122	31
Chad	—	—	—	—	—	—	—	—	—
China	—	235	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	888	888	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	122	122	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	27
Germany	—	—	7	—	75	—	75	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	485	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	1,156	274	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	368	368	—	—
Mexico	—	—	—	—	—	1,923	1,923	94	—
Netherlands	—	—	24	—	—	147	147	8	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	37	—	—	—	—	—	—
Sweden	—	—	—	—	90	—	90	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	13	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	873	0	438	902	200	1,540	46	0
Total	—	4,062	491	438	1,470	4,415	6,323	283	58
Persian Gulf⁴	—	1,115	28	—	—	135	135	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	251	—	8,632	37,396	928	278	1,206
Algeria	—	—	—	—	—	1,187	1,835	21	38	59
Angola	—	—	—	—	—	309	2,360	66	10	76
Congo (Brazzaville)	—	—	—	—	—	7	939	30	0	30
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,102	9,136	195	100	295
Kuwait	—	—	—	—	—	1,115	2,374	41	36	77
Libya	—	—	—	—	—	—	3,741	121	—	121
Nigeria	—	—	—	—	—	334	1,601	41	11	52
Saudi Arabia	—	—	—	—	—	2,057	14,889	414	66	480
United Arab Emirates	—	—	—	251	—	521	521	—	17	17
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	194	377	1,860	1,951	—	50,448	215,106	5,312	1,627	6,939
Argentina	—	—	—	5	—	459	3,221	89	15	104
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	28	—	163	163	—	5	5
Belgium	—	—	—	2	—	722	722	—	23	23
Brazil	—	226	—	—	—	1,569	7,693	198	51	248
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	1	1	—	0	0
Canada	78	22	1,682	295	—	15,527	131,711	3,748	501	4,249
Chad	—	—	—	—	—	—	—	—	—	—
China	72	—	—	—	—	307	307	—	10	10
Colombia	—	112	—	—	—	1,002	7,801	219	32	252
Denmark	—	—	—	—	—	11	11	—	0	0
Ecuador	—	—	—	—	—	1,194	4,688	113	39	151
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	13	—	177	177	—	6	6
Germany	—	—	—	18	—	448	448	—	14	14
Guatemala	—	—	—	—	—	—	279	9	—	9
India	—	—	—	1	—	2,303	2,303	—	74	74
Indonesia	—	—	—	167	—	167	167	—	5	5
Italy	—	—	—	53	—	2,094	2,094	—	68	68
Korea, South	1	—	—	671	—	2,818	2,818	—	91	91
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	113	113	—	4	4
Malaysia	20	—	—	—	—	2,226	2,226	—	72	72
Mexico	—	—	—	—	—	5,739	26,863	681	185	867
Netherlands	—	—	26	134	—	1,553	1,553	—	50	50
Norway	—	—	—	—	—	916	1,106	6	30	36
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	1,128	1,128	—	36	36
Qatar	—	—	—	556	—	556	556	—	18	18
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	1,466	1,466	—	47	47
Sweden	—	—	—	1	—	91	91	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	522	17	—	17
United Kingdom	—	—	—	—	—	2,958	5,056	68	95	163
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	23	17	152	7	—	4,733	8,883	134	153	287
Total	194	377	1,860	2,202	—	59,080	252,502	6,239	1,906	8,145
Persian Gulf⁴	—	—	—	835	—	7,514	27,639	649	242	892

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	31,647	237	-	7,156	-	-	-	-	1,106	1,106
Algeria	2,444	-	-	1,287	-	-	-	-	131	131
Angola	950	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	237	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	7,945	-	-	3,272	-	-	-	-	-	-
Kuwait	1,166	-	-	-	-	-	-	-	-	-
Libya	2,285	-	-	-	-	-	-	-	-	-
Nigeria	3,649	-	-	-	-	-	-	-	268	268
Saudi Arabia	13,208	-	-	2,187	-	-	-	-	707	707
United Arab Emirates	-	-	-	410	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	155,935	5,105	522	8,651	-	2,974	2,974	4,341	8,636	12,977
Argentina	3,027	-	-	89	-	-	-	-	292	292
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	313	313	305	602	907
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	382	-	-	-	3	58	61
Brazil	5,526	-	-	-	-	-	-	-	42	42
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	112,952	5,054	522	546	-	423	423	2,056	1,433	3,489
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,160	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	3	5	8
Ecuador	4,773	-	-	1,145	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	593	593
France	-	-	-	-	-	149	149	-	652	652
Germany	-	-	-	195	-	56	56	17	33	50
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	161	-	1	1	161	771	932
Korea, South	-	-	-	50	-	240	240	-	343	343
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	219	219	53	26	79
Malaysia	-	-	-	1,054	-	-	-	-	-	-
Mexico	14,706	-	-	2,580	-	-	-	-	251	251
Netherlands	-	-	-	499	-	379	379	324	450	774
Norway	-	-	-	-	-	530	530	352	108	460
Oman	-	-	-	185	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	435	-	360	360	92	1,206	1,298
Sweden	-	-	-	88	-	-	-	-	307	307
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,537	-	-	-	-	-	-	-	-	-
United Kingdom	1,623	-	-	673	-	147	147	975	73	1,048
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	5,631	-186	0	569	-	157	157	0	1,391	1,391
Total	187,582	5,342	522	15,807	-	2,974	2,974	4,341	9,742	14,083
Persian Gulf⁴	22,319	-	-	5,869	-	-	-	-	707	707

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	22	-	-	-	22	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	22	-	-	-	22	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	500	903	692	-	6,790	16	1	-	6,807	-	21
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	99	-	-	29	-	-	-	29	-	-
Brazil	500	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	344	-	-	3,687	16	1	-	3,704	-	3
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	309	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	151	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	980	-	-	-	980	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	544	-	-	-	544	-	18
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	494	-	-	-	494	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	721	-	-	-	721	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	692	-	335	0	0	-	335	-	0
Total	500	903	692	-	6,812	16	1	-	6,829	-	21
Persian Gulf⁴	-	-	-	-	743	-	-	-	743	-	-

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	698	—	—	—	614	614	—	—
Algeria	—	121	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	174	174	—	—
Kuwait	—	577	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	440	440	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,613	169	—	2,190	4,698	6,888	228	89
Argentina	—	—	—	—	396	—	396	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	116	116	—	—
Belgium	—	—	—	—	435	—	435	—	—
Brazil	—	—	—	—	—	1,063	1,063	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	202	45	—	85	401	486	81	58
Chad	—	—	—	—	—	—	—	—	—
China	—	309	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	532	532	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	1	—	—	340	39	379	52	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	2,763	124	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	126	126	—	—
Mexico	—	—	—	—	—	2,133	2,133	15	31
Netherlands	—	—	—	—	—	234	234	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	171	32	203	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	4	4	4	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	338	0	—	763	18	781	76	0
Total	—	4,311	169	—	2,190	5,312	7,502	228	89
Persian Gulf⁴	—	577	—	—	—	730	730	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	35	—	9,868	41,515	1,055	329	1,384
Algeria	—	—	—	—	—	1,539	3,983	81	51	133
Angola	—	—	—	—	—	—	950	32	—	32
Congo (Brazzaville)	—	—	—	—	—	237	237	—	8	8
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,446	11,391	265	115	380
Kuwait	—	—	—	—	—	599	1,765	39	20	59
Libya	—	—	—	—	—	—	2,285	76	—	76
Nigeria	—	—	—	—	—	268	3,917	122	9	131
Saudi Arabia	—	—	—	35	—	3,369	16,577	440	112	553
United Arab Emirates	—	—	—	—	—	410	410	—	14	14
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	140	24	1,567	932	—	52,802	208,737	5,198	1,760	6,958
Argentina	—	—	—	5	—	782	3,809	101	26	127
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,220	1,220	—	41	41
Bahrain	—	—	—	22	—	138	138	—	5	5
Belgium	—	—	—	2	—	1,008	1,008	—	34	34
Brazil	—	—	—	—	—	1,605	7,131	184	54	238
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	83	24	1,413	292	—	16,769	129,721	3,765	559	4,324
Chad	—	—	—	—	—	—	—	—	—	—
China	2	—	—	—	—	311	311	—	10	10
Colombia	—	—	—	—	—	532	6,692	205	18	223
Denmark	—	—	—	—	—	8	8	—	0	0
Ecuador	—	—	—	—	—	1,145	5,918	159	38	197
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	593	593	—	20	20
France	—	—	—	12	—	813	813	—	27	27
Germany	—	—	—	6	—	1,048	1,048	—	35	35
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	1	1	—	0	0
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	16	—	1,261	1,261	—	42	42
Korea, South	—	—	—	1	—	4,501	4,501	—	150	150
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	298	298	—	10	10
Malaysia	22	—	—	—	—	1,202	1,202	—	40	40
Mexico	—	—	—	—	—	5,010	19,716	490	167	657
Netherlands	—	—	—	116	—	2,564	2,564	—	85	85
Norway	—	—	—	—	—	990	990	—	33	33
Oman	—	—	—	—	—	679	679	—	23	23
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	370	—	1,091	1,091	—	36	36
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	154	—	—	2,247	2,247	—	75	75
Sweden	—	—	—	1	—	599	599	—	20	20
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,537	51	—	51
United Kingdom	12	—	—	52	—	1,940	3,563	54	65	119
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	21	0	0	36	—	4,210	9,841	189	139	328
Total	140	24	1,567	967	—	62,670	250,252	6,253	2,089	8,342
Persian Gulf⁴	—	—	—	427	—	9,053	31,372	744	302	1,046

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	32,860	—	—	5,328	—	—	—	—	886	886
Algeria	166	—	—	1,171	—	—	—	—	—	—
Angola	137	—	—	60	—	—	—	—	263	263
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	8,552	—	—	1,530	—	—	—	—	—	—
Kuwait	1,471	—	—	—	—	—	—	—	—	—
Libya	2,888	—	—	—	—	—	—	—	—	—
Nigeria	4,148	—	—	—	—	—	—	—	—	—
Saudi Arabia	15,498	—	—	2,567	—	—	—	—	623	623
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	153,122	5,553	486	8,697	—	3,047	3,047	5,553	10,383	15,936
Argentina	1,873	—	—	—	—	—	—	—	315	315
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,268	1,268	512	1,573	2,085
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	605	—	8	8	—	249	249
Brazil	4,579	—	—	401	—	—	—	—	45	45
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	109,816	5,496	486	371	—	511	511	2,479	1,855	4,334
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	6,651	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	258	—	—	—	—	108	108
Ecuador	4,337	—	—	1,097	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	583	583
France	—	—	—	212	—	437	437	—	206	206
Germany	—	—	—	—	—	—	—	—	63	63
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	587	587
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	44	—	12	12	—	574	574
Korea, South	—	—	—	—	—	300	300	—	150	150
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	1,468	—	—	—	—	—	—
Mexico	17,851	—	—	3,074	—	—	—	—	—	—
Netherlands	—	—	—	—	—	59	59	644	381	1,025
Norway	768	—	—	—	—	321	321	—	639	639
Oman	—	—	—	98	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	568	568
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	624	624
Sweden	—	—	—	—	—	11	11	—	612	612
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	1,965	—	—	—	—	—	—	—	—	—
United Kingdom	730	—	—	308	—	120	120	1,918	250	2,168
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	4,552	57	0	761	—	0	0	0	1,001	1,001
Total	185,982	5,553	486	14,025	—	3,047	3,047	5,553	11,269	16,822
Persian Gulf⁴	25,521	—	—	4,097	—	—	—	—	623	623

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	100	81
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	100	81
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	851	670	52	6,446	103	2	-	6,551	-	-	37
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	57	-	-	-	57	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	262	-	-	4,992	3	2	-	4,997	-	-	5
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	52	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	445	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	857	100	-	-	957	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	28	-	-	-	-	-	-	-	-	-	-
Korea, South	-	116	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	376	-	-	-	376	-	-	32
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	164	-	-	-	164	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	670	0	0	0	0	-	0	0	0	0
Total	-	851	670	52	6,446	103	2	-	6,551	100	-	118
Persian Gulf⁴	-	-	-	-	164	-	-	-	164	100	-	81

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	415	—	—	—	98	98	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	23	23	—	—
Kuwait	—	415	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	75	75	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	3,349	343	—	731	4,874	5,605	691	127
Argentina	—	—	—	—	272	—	272	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	350	350	—	—
Bahrain	—	—	—	—	—	31	31	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	736	736	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	226	92	—	373	276	649	126	66
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	113	113	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	84	84	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	5
Germany	—	—	29	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	194	—	—	—	—	—	467	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	293	293	74	—
Korea, South	—	2,508	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	14	14	—	—
Mexico	—	—	—	—	—	2,613	2,613	24	56
Netherlands	—	—	168	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	123	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	4	—	—	300	300	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	298	50	—	86	64	150	0	0
Total	—	3,764	343	—	731	4,972	5,703	691	127
Persian Gulf⁴	—	538	—	—	—	129	129	—	—

See footnotes at end of table.

Table 26. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	209	—	7,117	39,977	1,060	230	1,290
Algeria	—	—	—	—	—	1,171	1,337	5	38	43
Angola	—	—	—	—	—	323	460	4	10	15
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,553	10,105	276	50	326
Kuwait	—	—	—	—	—	415	1,886	47	13	61
Libya	—	—	—	—	—	—	2,888	93	—	93
Nigeria	—	—	—	—	—	—	4,148	134	—	134
Saudi Arabia	—	—	—	—	—	3,265	18,763	500	105	605
United Arab Emirates	—	—	—	209	—	390	390	—	13	13
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	143	274	1,891	1,405	—	55,708	208,830	4,939	1,797	6,736
Argentina	—	210	—	5	—	802	2,675	60	26	86
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	3,703	3,703	—	119	119
Bahrain	—	—	—	34	—	65	65	—	2	2
Belgium	—	—	—	2	—	864	864	—	28	28
Brazil	—	38	—	—	—	1,279	5,858	148	41	189
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	79	18	1,891	261	—	19,870	129,686	3,542	641	4,183
Chad	—	—	—	—	—	—	—	—	—	—
China	5	—	—	—	—	5	5	—	0	0
Colombia	—	—	—	—	—	113	6,764	215	4	218
Denmark	—	—	—	—	—	366	366	—	12	12
Ecuador	—	—	—	—	—	1,181	5,518	140	38	178
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	635	635	—	20	20
France	—	—	—	5	—	865	865	—	28	28
Germany	—	—	—	10	—	547	547	—	18	18
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	2,206	2,206	—	71	71
Indonesia	—	—	—	93	—	93	93	—	3	3
Italy	—	—	—	8	—	1,033	1,033	—	33	33
Korea, South	—	—	—	560	—	3,634	3,634	—	117	117
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	17	—	—	—	—	1,499	1,499	—	48	48
Mexico	—	—	—	—	—	5,767	23,618	576	186	762
Netherlands	—	—	—	82	—	1,742	1,742	—	56	56
Norway	—	—	—	—	—	960	1,728	25	31	56
Oman	—	—	—	—	—	98	98	—	3	3
Portugal	—	—	—	—	—	568	568	—	18	18
Qatar	—	—	—	306	—	593	593	—	19	19
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	624	624	—	20	20
Sweden	—	—	—	1	—	624	624	—	20	20
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,965	63	—	63
United Kingdom	11	8	—	—	—	2,919	3,649	24	94	118
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	31	0	0	37	—	3,053	7,605	146	101	248
Total	143	274	1,891	1,614	—	62,825	248,807	5,999	2,027	8,026
Persian Gulf⁴	—	—	—	549	—	6,281	31,802	823	203	1,026

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	6,685	—	—	479	—	—	—	15	135	150
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	1,911	—	—	—	—	—	—	—	135	135
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	15	—	15
Libya	1,347	—	—	—	—	—	—	—	—	—
Nigeria	884	—	—	—	—	—	—	—	—	—
Saudi Arabia	2,543	—	—	479	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	9,985	2,232	294	1,380	—	1,218	1,218	4,490	4,859	9,349
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	3,851	2,036	294	—	—	266	266	2,522	860	3,382
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	202	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	432	432
France	—	—	—	481	—	—	—	122	572	694
Germany	—	—	—	—	—	9	9	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	1,085	1,085
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	315	315	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	299	—	—	—	—	—	—
Netherlands	—	—	—	—	—	265	265	470	170	640
Norway	963	196	—	—	—	12	12	320	—	320
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	826	826
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	138	—	—	398	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	293	293
Sweden	—	—	—	—	—	—	—	—	621	621
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	476	—	—	—	—	351	351	1,056	—	1,056
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	4,557	0	0	0	—	0	0	0	0	0
Total	16,670	2,232	294	1,859	—	1,218	1,218	4,505	4,994	9,499
Persian Gulf⁴	2,543	—	—	479	—	—	—	15	—	15

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	185	-	-	-	185	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	185	-	-	-	185	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	247	-	-	6,040	-	-	-	6,040	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	42	-	-	4,023	-	-	-	4,023	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	197	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	756	-	-	-	756	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	1,261	-	-	-	1,261	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	8	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	247	-	-	6,225	-	-	-	6,225	-	-
Persian Gulf⁴	-	-	-	-	1,446	-	-	-	1,446	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	382	—	—	—	—	—	70	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	70	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	340	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	42	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	551	101	—	515	727	1,242	3	—
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	48	48	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	109	101	—	2	510	512	3	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	181	—	181	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	148	148	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	332	21	353	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	442	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	0	0	0	0	—
Total	—	933	101	—	515	727	1,242	73	—
Persian Gulf⁴	—	824	—	—	—	—	—	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	1,266	7,951	216	41	256
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	205	2,116	62	7	68
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	355	355	—	11	11
Libya	—	—	—	—	—	—	1,347	43	—	43
Nigeria	—	—	—	—	—	—	884	29	—	29
Saudi Arabia	—	—	—	—	—	706	3,249	82	23	105
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	87	4	528	89	—	23,365	33,350	322	754	1,076
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	48	48	—	2	2
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—
Brazil	—	1	—	—	—	1	1	—	0	0
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	82	—	491	76	—	11,417	15,268	124	368	493
Chad	—	—	—	—	—	—	—	—	—	—
China	3	—	—	—	—	3	3	—	0	0
Colombia	—	—	—	—	—	181	181	—	6	6
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	350	350	—	11	11
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	432	432	—	14	14
France	—	—	—	6	—	1,181	1,181	—	38	38
Germany	—	—	—	3	—	209	209	—	7	7
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,085	1,085	—	35	35
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	37	1	—	353	353	—	11	11
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	652	652	—	21	21
Netherlands	—	—	—	—	—	1,661	1,661	—	54	54
Norway	—	—	—	—	—	528	1,491	31	17	48
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	826	826	—	27	27
Qatar	—	—	—	—	—	1,703	1,703	—	55	55
Russia	—	—	—	2	—	400	538	4	13	17
Spain	1	—	—	—	—	302	302	—	10	10
Sweden	—	—	—	—	—	621	621	—	20	20
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	1	—	—	—	1,408	1,884	15	45	61
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	2	0	1	—	4	4,561	148	0	146
Total	87	4	528	89	—	24,631	41,301	538	795	1,332
Persian Gulf⁴	—	—	—	—	—	2,764	5,307	82	89	171

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	6,898	746	-	-	-	-	-	-	200	200
Algeria	-	506	-	-	-	-	-	-	-	-
Angola	35	-	-	-	-	-	-	-	200	200
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	240	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	2,185	-	-	-	-	-	-	-	-	-
Nigeria	3,028	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,650	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	10,184	1,612	290	1,569	-	581	581	5,428	6,119	11,547
Argentina	-	-	-	-	-	-	-	-	171	171
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	15	15	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,919	1,612	290	-	-	255	255	2,762	888	3,650
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	501	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	652	652
France	-	-	-	-	-	-	-	279	295	574
Germany	-	-	-	-	-	96	96	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	517	517
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	596	596
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,492	-	-	1,185	-	-	-	-	270	270
Netherlands	-	-	-	-	-	158	158	971	331	1,302
Norway	532	-	-	-	-	-	-	-	312	312
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	33	33	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	848	-	-	384	-	-	-	-	892	892
Spain	-	-	-	-	-	-	-	-	915	915
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	498	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	24	24	1,416	280	1,696
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	2,394	0	0	0	-	0	0	0	0	0
Total	17,082	2,358	290	1,569	-	581	581	5,428	6,319	11,747
Persian Gulf⁴	1,650	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	2,005	-	-	-	2,005	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	534	-	-	-	534	-	-
Saudi Arabia	-	-	-	-	1,471	-	-	-	1,471	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	66	-	-	8,032	2	62	-	8,096	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	776	-	62	-	838	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	66	-	-	3,407	2	-	-	3,409	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	20	-	-	-	20	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	1,167	-	-	-	1,167	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	641	-	-	-	641	-	-
Russia	-	-	-	-	2,021	-	-	-	2,021	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	-
Total	-	66	-	-	10,037	2	62	-	10,101	-	-
Persian Gulf⁴	-	-	-	-	2,112	-	-	-	2,112	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	406	—	—	8	—	8	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	8	—	8	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	16	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	115	—	—	—	—	—	—	—
United Arab Emirates	—	275	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	500	2	—	1,349	1,643	2,992	1	1
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	32	—	32	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	26	26	—	—
Brazil	—	—	—	—	4	71	75	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	136	2	—	59	—	59	1	1
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	44	107	151	—	—
Denmark	—	—	—	—	68	—	68	—	—
Ecuador	—	—	—	—	100	104	204	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	94	94	—	—
Germany	—	—	—	—	272	5	277	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	364	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	284	195	479	—	—
Netherlands	—	—	—	—	3	171	174	—	—
Norway	—	—	—	—	361	—	361	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	860	860	—	—
Spain	—	—	—	—	—	8	8	—	—
Sweden	—	—	—	—	111	—	111	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	11	2	13	0	0
Total	—	906	2	—	1,357	1,643	3,000	1	1
Persian Gulf⁴	—	406	—	—	—	—	—	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	3,365	10,263	246	120	367
Algeria	—	—	—	—	—	506	506	—	18	18
Angola	—	—	—	—	—	200	235	1	7	8
Congo (Brazzaville)	—	—	—	—	—	8	8	—	0	0
Equatorial Guinea	—	—	—	—	—	240	240	—	9	9
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	16	16	—	1	1
Libya	—	—	—	—	—	—	2,185	78	—	78
Nigeria	—	—	—	—	—	534	3,562	108	19	127
Saudi Arabia	—	—	—	—	—	1,586	3,236	59	57	116
United Arab Emirates	—	—	—	—	—	275	275	—	10	10
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	67	3	1,010	124	—	28,461	38,645	364	1,016	1,380
Argentina	—	—	—	—	—	171	171	—	6	6
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	32	32	—	1	1
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	879	879	—	31	31
Brazil	—	—	—	—	—	75	75	—	3	3
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	64	—	979	78	—	10,602	14,521	140	379	519
Chad	—	—	—	—	—	—	—	—	—	—
China	1	—	—	—	—	1	1	—	0	0
Colombia	—	—	31	—	—	182	683	18	7	24
Denmark	—	—	—	—	—	68	68	—	2	2
Ecuador	—	—	—	—	—	204	204	—	7	7
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	652	652	—	23	23
France	—	—	—	5	—	673	673	—	24	24
Germany	—	—	—	11	—	404	404	—	14	14
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	517	517	—	18	18
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	2	—	598	598	—	21	21
Korea, South	1	—	—	23	—	388	388	—	14	14
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	1,934	3,426	53	69	122
Netherlands	—	—	—	1	—	2,802	2,802	—	100	100
Norway	—	—	—	—	—	673	1,205	19	24	43
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	33	33	—	1	1
Qatar	—	—	—	—	—	641	641	—	23	23
Russia	—	—	—	3	—	4,160	5,008	30	149	179
Spain	—	—	—	—	—	923	923	—	33	33
Sweden	—	—	—	—	—	111	111	—	4	4
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	498	18	—	18
United Kingdom	—	1	—	—	—	1,721	1,721	—	61	61
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	2	0	1	—	17	2,411	86	2	89
Total	67	3	1,010	124	—	31,826	48,908	610	1,137	1,747
Persian Gulf⁴	—	—	—	—	—	2,518	4,168	59	90	149

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	4,614	-	-	-	-	-	-	-	919	919
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	123	123
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,994	-	-	-	-	-	-	-	-	-
Nigeria	1,048	-	-	-	-	-	-	-	278	278
Saudi Arabia	1,572	-	-	-	-	-	-	-	518	518
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	10,592	1,287	352	2,134	-	1,467	1,467	3,905	6,610	10,515
Argentina	490	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	637	637	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	324	324
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	4,668	1,287	352	-	-	275	275	2,289	1,210	3,499
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	501	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	263	263
France	-	-	-	-	-	-	-	-	588	588
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	526	526
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	315	315	-	314	314
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	502	-	-	451	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	961	325	1,286
Norway	588	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	588	588
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	2,112	-	-	1,683	-	-	-	-	1,111	1,111
Spain	-	-	-	-	-	140	140	-	734	734
Sweden	-	-	-	-	-	100	100	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	655	-	655
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,731	0	0	0	-	0	0	0	627	627
Total	15,206	1,287	352	2,134	-	1,467	1,467	3,905	7,529	11,434
Persian Gulf⁴	1,572	-	-	-	-	-	-	-	518	518

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	159	-	-	-	159	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	111	-	-	-	111	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	48	-	-	-	48	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	449	-	-	4,574	2	-	-	4,576	-	40
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	82	-	-	3,122	2	-	-	3,124	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	221	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	598	-	-	-	598	-	40
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	854	-	-	-	854	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	146	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	0
Total	-	449	-	-	4,733	2	-	-	4,735	-	40
Persian Gulf⁴	-	-	-	-	902	-	-	-	902	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	547	—	—	—	8	8	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	308	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	239	—	—	—	4	4	—	—
United Arab Emirates	—	—	—	—	—	4	4	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	849	3	—	—	1,383	1,383	10	—
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	51	51	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	3	3	—	—
Brazil	—	—	—	—	—	134	134	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	342	3	—	—	8	8	3	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	576	576	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	179	179	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	8	8	7	—
Germany	—	—	—	—	—	9	9	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	238	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	10	—	—	—	389	389	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	22	22	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	259	0	—	—	4	4	0	—
Total	—	1,396	3	—	—	1,391	1,391	10	—
Persian Gulf⁴	—	547	—	—	—	8	8	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	42	—	1,675	6,289	149	54	203
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	123	123	—	4	4
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	308	308	—	10	10
Libya	—	—	—	—	—	—	1,994	64	—	64
Nigeria	—	—	—	—	—	389	1,437	34	13	46
Saudi Arabia	—	—	—	—	—	761	2,333	51	25	75
United Arab Emirates	—	—	—	42	—	94	94	—	3	3
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	85	1	742	152	—	24,045	34,637	342	776	1,117
Argentina	—	—	—	—	—	—	490	16	—	16
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	688	688	—	22	22
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	327	327	—	11	11
Brazil	—	—	—	—	—	134	134	—	4	4
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	80	—	742	79	—	9,876	14,544	151	319	469
Chad	—	—	—	—	—	—	—	—	—	—
China	3	—	—	—	—	3	3	—	0	0
Colombia	—	—	—	—	—	576	1,077	16	19	35
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	179	179	—	6	6
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	263	263	—	8	8
France	—	—	—	8	—	611	611	—	20	20
Germany	—	—	—	9	—	239	239	—	8	8
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	526	526	—	17	17
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	3	—	632	632	—	20	20
Korea, South	1	—	—	—	—	239	239	—	8	8
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	850	1,352	16	27	44
Netherlands	—	—	—	53	—	1,977	1,977	—	64	64
Norway	—	—	—	—	—	—	588	19	—	19
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	588	588	—	19	19
Qatar	—	—	—	—	—	854	854	—	28	28
Russia	—	—	—	—	—	2,816	4,928	68	91	159
Spain	1	—	—	—	—	1,021	1,021	—	33	33
Sweden	—	—	—	—	—	100	100	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	655	655	—	21	21
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	1	0	0	—	891	2,622	56	28	83
Total	85	1	742	194	—	25,720	40,926	491	830	1,320
Persian Gulf⁴	—	—	—	42	—	2,017	3,589	51	65	116

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	7,299	—	—	277	—	—	—	—	1,461	1,461
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	581	—	—	—	—	—	—	—	154	154
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	2,452	—	—	—	—	—	—	—	—	—
Nigeria	2,242	—	—	277	—	—	—	—	289	289
Saudi Arabia	2,024	—	—	—	—	—	—	—	1,018	1,018
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	10,348	703	329	760	—	2,237	2,237	5,374	5,903	11,277
Argentina	—	—	—	—	—	16	16	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	321	321	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	4,450	703	329	—	—	260	260	2,188	1,078	3,266
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	100	—	—	—	—	620	620
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	55	55	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	288	1,530	1,818
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	413	413	—	325	325
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	545	545	—	300	300
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	1,991	—	—	332	—	—	—	—	230	230
Netherlands	—	—	—	—	—	135	135	952	221	1,173
Norway	1,327	—	—	—	—	—	—	181	125	306
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	244	244	—	276	276
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	328	—	—	—	—	150	150
Spain	—	—	—	—	—	83	83	111	327	438
Sweden	—	—	—	—	—	6	6	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	499	—	—	—	—	39	39	—	—	—
United Kingdom	—	—	—	—	—	—	—	1,532	125	1,657
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	2,081	0	0	0	—	120	120	122	593	715
Total	17,647	703	329	1,037	—	2,237	2,237	5,374	7,364	12,738
Persian Gulf⁴	2,024	—	—	—	—	—	—	—	1,018	1,018

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	446	-	-	2,832	2	-	-	2,834	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	63	-	-	2,832	2	-	-	2,834	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	294	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	89	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	-	-
Total	-	446	-	-	2,832	2	-	-	2,834	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	175	—	—	54	106	160	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	54	30	84	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	175	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	76	76	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	1,083	1	—	410	755	1,165	254	—
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	143	143	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	385	1	—	—	—	—	2	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	7	7	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	578	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	120	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	594	594	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	391	—	391	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	19	11	30	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	0	0	0	252	—
Total	—	1,258	1	—	464	861	1,325	254	—
Persian Gulf⁴	—	175	—	—	—	76	76	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	2,073	9,372	243	69	312
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	154	735	19	5	25
Congo (Brazzaville)	—	—	—	—	—	84	84	—	3	3
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	175	175	—	6	6
Libya	—	—	—	—	—	—	2,452	82	—	82
Nigeria	—	—	—	—	—	566	2,808	75	19	94
Saudi Arabia	—	—	—	—	—	1,094	3,118	67	36	104
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	94	1	870	86	—	22,140	32,488	345	738	1,083
Argentina	—	—	—	—	—	16	16	—	1	1
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	143	143	—	5	5
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	321	321	—	11	11
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	73	—	870	68	—	8,854	13,304	148	295	443
Chad	—	—	—	—	—	—	—	—	—	—
China	17	—	—	—	—	17	17	—	1	1
Colombia	—	—	—	—	—	7	7	—	0	0
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	720	720	—	24	24
France	—	—	—	8	—	8	8	—	0	0
Germany	—	—	—	6	—	355	355	—	12	12
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,396	2,396	—	80	80
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	2	—	740	740	—	25	25
Korea, South	—	—	—	—	—	120	120	—	4	4
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	845	845	—	28	28
Malaysia	1	—	—	—	—	1	1	—	0	0
Mexico	—	—	—	—	—	1,156	3,147	66	39	105
Netherlands	—	—	—	1	—	1,309	1,309	—	44	44
Norway	—	—	—	—	—	306	1,633	44	10	54
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	520	520	—	17	17
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	478	478	—	16	16
Spain	1	—	—	—	—	1,002	1,002	—	33	33
Sweden	—	—	—	1	—	10	10	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	39	538	17	1	18
United Kingdom	—	—	—	—	—	1,687	1,687	—	56	56
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	2	1	0	0	—	1,090	3,171	70	36	106
Total	94	1	870	86	—	24,213	41,860	588	807	1,395
Persian Gulf⁴	—	—	—	—	—	1,269	3,293	67	42	110

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,795	-	-	-	-	-	-	-	1,562	1,562
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	1,013	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,671	-	-	-	-	-	-	-	-	-
Nigeria	4,909	-	-	-	-	-	-	-	318	318
Saudi Arabia	2,202	-	-	-	-	-	-	-	1,244	1,244
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,381	472	325	333	-	3,274	3,274	4,973	12,348	17,321
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	119	119	-	509	509
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	393	393	21	347	368
Brazil	-	-	-	-	-	-	-	-	298	298
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,966	472	325	-	-	323	323	2,339	964	3,303
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	491	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	4	-	4
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	1,049	1,049
France	-	-	-	-	-	429	429	304	61	365
Germany	-	-	-	-	-	45	45	-	26	26
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	333	-	-	-	-	1,907	1,907
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	236	236	-	1,572	1,572
Korea, South	-	-	-	-	-	-	-	-	16	16
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	131	131	-	332	332
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,495	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	520	520	1,059	1,097	2,156
Norway	832	-	-	-	-	-	-	306	40	346
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	71	71	3	576	579
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	617	617	-	1,772	1,772
Sweden	-	-	-	-	-	-	-	-	300	300
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	498	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	390	390	937	1,286	2,223
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,099	0	0	0	-	0	0	0	196	196
Total	18,176	472	325	333	-	3,274	3,274	4,973	13,910	18,883
Persian Gulf⁴	2,202	-	-	-	-	-	-	-	1,244	1,244

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	314	-	-	-	314	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	314	-	-	-	314	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	26	-	-	3,595	42	-	-	3,637	-	32
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	26	-	-	2,640	42	-	-	2,682	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	122	-	-	-	122	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	329	-	-	-	329	-	32
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	256	-	-	-	256	-	-
Qatar	-	-	-	-	248	-	-	-	248	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	0
Total	-	26	-	-	3,909	42	-	-	3,951	-	32
Persian Gulf⁴	-	-	-	-	562	-	-	-	562	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	200	—	—	—	34	34	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	200	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	34	34	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	386	2	—	730	1,420	2,150	2	3
Argentina	—	—	—	—	—	1	1	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	386	2	—	—	363	363	2	3
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	830	830	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	76	76	—	—
Netherlands	—	—	—	—	363	109	472	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	292	—	292	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	75	41	116	0	0
Total	—	586	2	—	730	1,454	2,184	2	3
Persian Gulf⁴	—	200	—	—	—	34	34	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	26	—	2,136	11,931	316	69	385
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	1,013	33	—	33
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	200	200	—	6	6
Libya	—	—	—	—	—	—	1,671	54	—	54
Nigeria	—	—	—	—	—	318	5,227	158	10	169
Saudi Arabia	—	—	—	—	—	1,592	3,794	71	51	122
United Arab Emirates	—	—	—	26	—	26	26	—	1	1
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	96	—	1,061	123	—	29,243	37,624	270	943	1,214
Argentina	—	—	—	—	—	1	1	—	0	0
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	628	628	—	20	20
Bahrain	—	—	—	19	—	19	19	—	1	1
Belgium	—	—	—	—	—	761	761	—	25	25
Brazil	—	—	—	—	—	298	298	—	10	10
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	92	—	971	59	—	9,009	12,975	128	291	419
Chad	—	—	—	—	—	—	—	—	—	—
China	2	—	—	—	—	2	2	—	0	0
Colombia	—	—	85	—	—	1,037	1,528	16	33	49
Denmark	—	—	—	—	—	4	4	—	0	0
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	1,049	1,049	—	34	34
France	—	—	—	12	—	806	806	—	26	26
Germany	—	—	—	6	—	77	77	—	2	2
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,240	2,240	—	72	72
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	3	—	1,811	1,811	—	58	58
Korea, South	1	—	—	22	—	39	39	—	1	1
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	463	463	—	15	15
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	76	1,571	48	2	51
Netherlands	—	—	—	—	—	3,509	3,509	—	113	113
Norway	—	—	—	—	—	346	1,178	27	11	38
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	906	906	—	29	29
Qatar	—	—	—	—	—	248	248	—	8	8
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	5	—	—	2,686	2,686	—	87	87
Sweden	—	—	—	1	—	301	301	—	10	10
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	498	16	—	16
United Kingdom	—	—	—	—	—	2,613	2,613	—	84	84
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	—	0	1	—	314	1,413	35	11	46
Total	96	—	1,061	149	—	31,379	49,555	586	1,012	1,599
Persian Gulf⁴	—	—	—	45	—	2,085	4,287	71	67	138

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	11,002	–	–	151	–	344	344	514	1,228	1,742
Algeria	–	–	–	–	–	–	–	–	–	–
Angola	1,329	–	–	–	–	18	18	–	18	18
Congo (Brazzaville)	–	–	–	–	–	–	–	–	–	–
Equatorial Guinea	–	–	–	–	–	–	–	–	–	–
Gabon	–	–	–	–	–	–	–	–	–	–
Iran	–	–	–	–	–	–	–	–	–	–
Iraq	–	–	–	–	–	–	–	–	–	–
Kuwait	–	–	–	–	–	–	–	–	–	–
Libya	1,446	–	–	–	–	–	–	–	–	–
Nigeria	4,405	–	–	151	–	–	–	–	118	118
Saudi Arabia	3,822	–	–	–	–	326	326	514	1,092	1,606
United Arab Emirates	–	–	–	–	–	–	–	–	–	–
Venezuela	–	–	–	–	–	–	–	–	–	–
Non-OPEC	8,811	343	273	834	–	3,328	3,328	5,064	11,706	16,770
Argentina	–	–	–	–	–	–	–	–	–	–
Aruba	–	–	–	–	–	–	–	–	–	–
Australia	–	–	–	–	–	–	–	–	–	–
Bahamas	–	–	–	–	–	371	371	–	227	227
Bahrain	–	–	–	–	–	–	–	–	–	–
Belgium	–	–	–	–	–	733	733	500	295	795
Brazil	–	–	–	–	–	–	–	–	309	309
Brunei	–	–	–	–	–	–	–	–	–	–
Cameroon	–	–	–	–	–	–	–	–	–	–
Canada	2,711	343	273	–	–	318	318	1,927	869	2,796
Chad	–	–	–	–	–	–	–	–	–	–
China	–	–	–	–	–	–	–	–	–	–
Colombia	–	–	–	–	–	–	–	–	–	–
Denmark	–	–	–	–	–	–	–	–	7	7
Ecuador	–	–	–	–	–	–	–	–	–	–
Egypt	–	–	–	–	–	–	–	–	–	–
Estonia	–	–	–	–	–	–	–	–	–	–
Finland	–	–	–	–	–	–	–	–	1,121	1,121
France	–	–	–	79	–	435	435	322	183	505
Germany	–	–	–	–	–	125	125	–	309	309
Guatemala	–	–	–	–	–	–	–	–	–	–
India	–	–	–	–	–	–	–	–	2,158	2,158
Indonesia	–	–	–	–	–	–	–	–	–	–
Italy	–	–	–	–	–	134	134	–	519	519
Korea, South	–	–	–	–	–	–	–	–	–	–
Latvia	–	–	–	–	–	–	–	–	–	–
Lithuania	–	–	–	–	–	–	–	–	–	–
Malaysia	–	–	–	–	–	–	–	–	–	–
Mexico	1,494	–	–	340	–	–	–	–	–	–
Netherlands	–	–	–	–	–	791	791	1,081	1,283	2,364
Norway	567	–	–	–	–	37	37	–	667	667
Oman	–	–	–	–	–	–	–	–	158	158
Portugal	–	–	–	–	–	–	–	–	1,115	1,115
Qatar	–	–	–	–	–	–	–	–	–	–
Russia	–	–	–	–	–	–	–	–	–	–
Spain	–	–	–	–	–	225	225	–	762	762
Sweden	–	–	–	–	–	78	78	–	14	14
Syria	–	–	–	–	–	–	–	–	–	–
Trinidad and Tobago	499	–	–	–	–	–	–	–	–	–
United Kingdom	606	–	–	–	–	81	81	1,234	717	1,951
Vietnam	–	–	–	–	–	–	–	–	–	–
Virgin Islands, U.S.	–	–	–	–	–	–	–	–	–	–
Yemen	–	–	–	–	–	–	–	–	–	–
Other	2,934	0	0	415	–	0	0	0	993	993
Total	19,813	343	273	985	–	3,672	3,672	5,578	12,934	18,512
Persian Gulf⁴	3,822	–	–	–	–	326	326	514	1,092	1,606

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	447	-	-	-	447	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	447	-	-	-	447	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	21	-	-	1,896	2	-	-	1,898	-	13
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	21	-	-	1,896	2	-	-	1,898	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	13
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	0
Total	-	21	-	-	2,343	2	-	-	2,345	-	13
Persian Gulf⁴	-	-	-	-	447	-	-	-	447	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	141	—	—	—	59	59	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	141	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	59	59	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	224	2	—	—	1,244	1,244	2	2
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	82	82	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	224	2	—	—	142	142	2	2
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	489	489	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	456	456	—	—
Netherlands	—	—	—	—	—	75	75	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	—	0	0	0	0
Total	—	365	2	—	—	1,303	1,303	2	2
Persian Gulf⁴	—	141	—	—	—	59	59	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	2,884	13,886	367	96	463
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	36	1,365	44	1	46
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	141	141	—	5	5
Libya	—	—	—	—	—	—	1,446	48	—	48
Nigeria	—	—	—	—	—	269	4,674	147	9	156
Saudi Arabia	—	—	—	—	—	2,438	6,260	127	81	209
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	127	1	864	123	—	26,069	34,880	294	869	1,163
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	680	680	—	23	23
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	1,528	1,528	—	51	51
Brazil	—	—	—	—	—	309	309	—	10	10
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	99	—	822	72	—	7,014	9,725	90	234	324
Chad	—	—	—	—	—	—	—	—	—	—
China	20	—	—	—	—	20	20	—	1	1
Colombia	—	—	—	—	—	489	489	—	16	16
Denmark	—	—	—	—	—	7	7	—	0	0
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	1,121	1,121	—	37	37
France	—	—	—	6	—	1,025	1,025	—	34	34
Germany	—	—	—	13	—	447	447	—	15	15
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,158	2,158	—	72	72
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	7	—	660	660	—	22	22
Korea, South	1	—	—	22	—	23	23	—	1	1
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	3	—	—	—	—	3	3	—	0	0
Mexico	—	—	—	—	—	796	2,290	50	27	76
Netherlands	—	—	—	—	—	3,243	3,243	—	108	108
Norway	—	—	—	—	—	704	1,271	19	23	42
Oman	—	—	—	—	—	158	158	—	5	5
Portugal	—	—	—	—	—	1,115	1,115	—	37	37
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	3	—	42	—	—	1,032	1,032	—	34	34
Sweden	—	—	—	1	—	93	93	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	499	17	—	17
United Kingdom	—	—	—	—	—	2,032	2,638	20	68	88
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	1	0	2	—	1,412	4,346	98	48	147
Total	127	1	864	123	—	28,953	48,766	660	965	1,626
Persian Gulf⁴	—	—	—	—	—	2,579	6,401	127	86	213

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,110	—	—	346	—	—	—	282	1,126	1,408
Algeria	1,581	—	—	—	—	—	—	—	—	—
Angola	1,374	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	346	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	634	—	—	—	—	—	—	—	—	—
Nigeria	2,905	—	—	—	—	—	—	—	279	279
Saudi Arabia	2,616	—	—	—	—	—	—	—	626	626
United Arab Emirates	—	—	—	—	—	—	—	282	221	503
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	11,862	283	329	542	—	3,336	3,336	2,439	9,298	11,737
Argentina	476	—	—	—	—	—	—	—	372	372
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	249	249	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	964	964	—	36	36
Brazil	—	—	—	—	—	—	—	—	620	620
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	5,410	283	329	—	—	351	351	1,361	1,586	2,947
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	41	41	—	8	8
France	—	—	—	—	—	728	728	—	257	257
Germany	—	—	—	—	—	3	3	—	65	65
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	1,565	1,565
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	210	210	—	150	150
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	161	161
Mexico	2,478	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	124	—	289	289	310	697	1,007
Norway	651	—	—	—	—	229	229	—	476	476
Oman	—	—	—	—	—	—	—	—	50	50
Portugal	—	—	—	—	—	—	—	—	838	838
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	180	—	—	—	—	976	976
Sweden	—	—	—	—	—	46	46	—	348	348
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	1	—	226	226	768	86	854
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	2,847	0	0	237	—	0	0	0	1,007	1,007
Total	20,972	283	329	888	—	3,336	3,336	2,721	10,424	13,145
Persian Gulf⁴	2,616	—	—	346	—	—	—	282	847	1,129

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	16	-	-	4,020	1	-	-	4,021	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	16	-	-	3,735	1	-	-	3,736	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	285	-	-	-	285	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	-	-
Total	-	16	-	-	4,020	1	-	-	4,021	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	—	—	5	5	—	—
Algeria	—	—	—	—	—	5	5	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	640	1	—	160	1,577	1,737	63	1
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	328	1	—	—	81	81	1	1
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	531	531	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	130	130	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	62	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	312	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	475	475	—	—
Netherlands	—	—	—	—	—	101	101	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	160	259	419	0	0
Total	—	640	1	—	160	1,582	1,742	63	1
Persian Gulf⁴	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	1,759	10,869	294	57	351
Algeria	—	—	—	—	—	5	1,586	51	0	51
Angola	—	—	—	—	—	—	1,374	44	—	44
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	346	346	—	11	11
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	634	20	—	20
Nigeria	—	—	—	—	—	279	3,184	94	9	103
Saudi Arabia	—	—	—	—	—	626	3,242	84	20	105
United Arab Emirates	—	—	—	—	—	503	503	—	16	16
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	118	—	1,555	86	—	24,465	36,327	383	789	1,172
Argentina	—	—	—	—	—	372	848	15	12	27
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	249	249	—	8	8
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1	—	1,001	1,001	—	32	32
Brazil	—	—	—	—	—	620	620	—	20	20
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	90	—	1,385	59	—	9,608	15,018	175	310	484
Chad	—	—	—	—	—	—	—	—	—	—
China	26	—	—	—	—	26	26	—	1	1
Colombia	—	—	43	—	—	859	859	—	28	28
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	130	130	—	4	4
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	49	49	—	2	2
France	—	—	—	12	—	1,059	1,059	—	34	34
Germany	—	—	—	11	—	79	79	—	3	3
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	1,565	1,565	—	50	50
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	61	3	—	424	424	—	14	14
Korea, South	1	—	—	—	—	313	313	—	10	10
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	161	161	—	5	5
Mexico	—	—	—	—	—	475	2,953	80	15	95
Netherlands	—	—	—	—	—	1,521	1,521	—	49	49
Norway	—	—	—	—	—	705	1,356	21	23	44
Oman	—	—	—	—	—	50	50	—	2	2
Portugal	—	—	—	—	—	838	838	—	27	27
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	1	—	9	—	—	1,166	1,166	—	38	38
Sweden	—	—	—	—	—	394	394	—	13	13
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	1,081	1,081	—	35	35
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	—	57	0	—	1,720	4,567	92	54	147
Total	118	—	1,555	86	—	26,224	47,196	677	846	1,522
Persian Gulf⁴	—	—	—	—	—	1,475	4,091	84	48	132

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	11,095	269	-	263	-	-	-	18	940	958
Algeria	357	-	-	-	-	-	-	18	-	18
Angola	1,543	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	269	-	-	-	-	-	-	-	-
Gabon	708	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,517	-	-	-	-	-	-	-	-	-
Nigeria	4,342	-	-	263	-	-	-	-	438	438
Saudi Arabia	2,628	-	-	-	-	-	-	-	502	502
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,384	363	315	319	-	2,500	2,500	4,901	11,382	16,283
Argentina	-	-	-	-	-	-	-	-	226	226
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	760	760	-	956	956
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	414	414	203	162	365
Brazil	-	-	-	-	-	-	-	-	432	432
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,877	363	315	-	-	359	359	1,252	1,819	3,071
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	6	33	39
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	324	324
France	-	-	-	52	-	136	136	150	124	274
Germany	-	-	-	-	-	-	-	-	11	11
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	335	1,843	2,178
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	776	776
Korea, South	-	-	-	-	-	-	-	-	301	301
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	580	580	-	-	-
Malaysia	-	-	-	-	-	-	-	-	276	276
Mexico	2,517	-	-	-	-	-	-	-	230	230
Netherlands	-	-	-	-	-	158	158	1,155	472	1,627
Norway	-	-	-	-	-	-	-	307	620	927
Oman	-	-	-	-	-	-	-	-	100	100
Portugal	-	-	-	-	-	-	-	-	1,146	1,146
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	267	-	-	-	-	668	668
Sweden	-	-	-	-	-	-	-	11	20	31
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	467	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	87	87	1,482	306	1,788
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,815	0	0	0	-	6	6	0	537	537
Total	20,479	632	315	582	-	2,500	2,500	4,919	12,322	17,241
Persian Gulf⁴	2,628	-	-	-	-	-	-	-	502	502

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	122	-	-	3,679	1	-	-	3,680	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	122	-	-	3,369	1	-	-	3,370	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	310	-	-	-	310	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	-	-
Total	-	122	-	-	3,679	1	-	-	3,680	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	349	—	220	569	—	—
Algeria	—	—	—	349	—	—	349	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	220	220	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	524	1	676	724	629	2,029	75	3
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	268	1	371	—	108	479	2	3
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	185	185	—	—
Denmark	—	—	—	—	315	—	315	—	—
Ecuador	—	—	—	—	—	109	109	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	256	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	63	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	227	227	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	10	—	10	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	305	399	0	704	10	0
Total	—	524	1	1,025	724	849	2,598	75	3
Persian Gulf⁴	—	—	—	—	—	220	220	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	2,059	13,154	358	66	424
Algeria	—	—	—	—	—	367	724	12	12	23
Angola	—	—	—	—	—	—	1,543	50	—	50
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	269	269	—	9	9
Gabon	—	—	—	—	—	—	708	23	—	23
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,517	49	—	49
Nigeria	—	—	—	—	—	701	5,043	140	23	163
Saudi Arabia	—	—	—	—	—	722	3,350	85	23	108
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	104	1	1,401	136	—	27,856	37,240	303	899	1,201
Argentina	—	—	—	—	—	226	226	—	7	7
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,716	1,716	—	55	55
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1	—	780	780	—	25	25
Brazil	—	1	—	—	—	433	433	—	14	14
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	96	—	768	81	—	9,298	13,175	125	300	425
Chad	—	—	—	—	—	—	—	—	—	—
China	1	—	—	—	—	1	1	—	0	0
Colombia	—	—	71	—	—	566	566	—	18	18
Denmark	—	—	—	23	—	377	377	—	12	12
Ecuador	—	—	—	—	—	109	109	—	4	4
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	324	324	—	10	10
France	—	—	—	10	—	472	472	—	15	15
Germany	—	—	—	14	—	25	25	—	1	1
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,434	2,434	—	79	79
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	3	—	779	779	—	25	25
Korea, South	—	—	—	—	—	364	364	—	12	12
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	580	580	—	19	19
Malaysia	2	—	—	—	—	278	278	—	9	9
Mexico	—	—	—	—	—	457	2,974	81	15	96
Netherlands	—	—	33	2	—	1,820	1,820	—	59	59
Norway	—	—	—	—	—	927	927	—	30	30
Oman	—	—	—	—	—	100	100	—	3	3
Portugal	—	—	—	—	—	1,146	1,146	—	37	37
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	2	—	238	—	—	1,175	1,175	—	38	38
Sweden	—	—	—	—	—	31	31	—	1	1
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	467	15	—	15
United Kingdom	—	—	—	—	—	1,885	1,885	—	61	61
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	3	0	291	2	—	1,553	3,368	59	50	108
Total	104	1	1,401	136	—	29,915	50,394	661	965	1,626
Persian Gulf⁴	—	—	—	—	—	722	3,350	85	23	108

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,056	—	—	100	—	—	—	—	1,135	1,135
Algeria	642	—	—	—	—	—	—	—	164	164
Angola	1,931	—	—	100	—	—	—	—	123	123
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	1,474	—	—	—	—	—	—	—	—	—
Nigeria	1,621	—	—	—	—	—	—	—	203	203
Saudi Arabia	3,388	—	—	—	—	—	—	—	645	645
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	9,389	437	107	510	—	3,085	3,085	4,516	5,867	10,383
Argentina	627	—	—	40	—	14	14	—	203	203
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	595	595	—	569	569
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	359	359	—	111	111
Brazil	—	—	—	—	—	—	—	—	299	299
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	3,278	437	107	—	—	383	383	1,359	689	2,048
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	1	1	—	17	17
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	22	22
France	—	—	—	—	—	14	14	—	465	465
Germany	—	—	—	—	—	1	1	—	62	62
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	762	762
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	63	—	—	—	72	313	385
Korea, South	—	—	—	—	—	—	—	—	44	44
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	103	103	—	76	76
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	3,687	—	—	—	—	—	—	—	230	230
Netherlands	—	—	—	—	—	593	593	1,294	588	1,882
Norway	439	—	—	—	—	683	683	227	79	306
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	569	569
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	26	26	182	358	540
Sweden	—	—	—	—	—	9	9	—	22	22
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	1,260	—	—	—	—	88	88	1,232	297	1,529
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	98	0	0	407	—	216	216	150	92	242
Total	18,445	437	107	610	—	3,085	3,085	4,516	7,002	11,518
Persian Gulf⁴	3,388	—	—	—	—	—	—	—	645	645

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	65	-	-	2,920	5	-	-	2,925	-	23
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	65	-	-	2,920	5	-	-	2,925	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	23
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	-	0
Total	-	65	-	-	2,920	5	-	-	2,925	-	23
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	185	2	145	497	1,231	1,873	3	1
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	188	105	293	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	185	2	-	-	183	183	3	1
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	262	262	-	-
Denmark	-	-	-	-	1	-	1	-	-
Ecuador	-	-	-	-	-	77	77	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	145	117	-	262	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	604	604	-	-
Netherlands	-	-	-	-	167	-	167	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	24	-	24	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	0	0	0	0	0
Total	-	185	2	145	497	1,231	1,873	3	1
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	1,235	10,291	302	41	343
Algeria	—	—	—	—	—	164	806	21	5	27
Angola	—	—	—	—	—	223	2,154	64	7	72
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,474	49	—	49
Nigeria	—	—	—	—	—	203	1,824	54	7	61
Saudi Arabia	—	—	—	—	—	645	4,033	113	22	134
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	116	1	1,097	121	—	20,934	30,323	313	698	1,011
Argentina	—	—	—	—	—	257	884	21	9	29
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,164	1,164	—	39	39
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	763	763	—	25	25
Brazil	—	1	—	—	—	300	300	—	10	10
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	83	—	1,097	73	—	7,592	10,870	109	253	362
Chad	—	—	—	—	—	—	—	—	—	—
China	26	—	—	—	—	26	26	—	1	1
Colombia	—	—	—	—	—	262	262	—	9	9
Denmark	—	—	—	—	—	19	19	—	1	1
Ecuador	—	—	—	—	—	77	77	—	3	3
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	22	22	—	1	1
France	—	—	—	8	—	487	487	—	16	16
Germany	—	—	—	8	—	333	333	—	11	11
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	762	762	—	25	25
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	3	—	451	451	—	15	15
Korea, South	1	—	—	24	—	69	69	—	2	2
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	179	179	—	6	6
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	834	4,521	123	28	151
Netherlands	—	—	—	—	—	2,665	2,665	—	89	89
Norway	—	—	—	—	—	989	1,428	15	33	48
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	569	569	—	19	19
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	1	—	—	—	—	567	567	—	19	19
Sweden	—	—	—	1	—	56	56	—	2	2
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	1,617	2,877	42	54	96
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	5	0	0	4	—	874	972	3	28	32
Total	116	1	1,097	121	—	22,169	40,614	615	739	1,354
Persian Gulf⁴	—	—	—	—	—	645	4,033	113	22	134

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	11,347	—	—	123	—	—	—	—	1,083	1,083
Algeria	648	—	—	—	—	—	—	—	—	—
Angola	2,051	—	—	90	—	—	—	—	219	219
Congo (Brazzaville)	932	—	—	7	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	2,456	—	—	—	—	—	—	—	—	—
Nigeria	1,267	—	—	26	—	—	—	—	308	308
Saudi Arabia	3,993	—	—	—	—	—	—	—	556	556
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	9,646	530	50	1,657	—	1,278	1,278	3,745	4,737	8,482
Argentina	372	—	—	106	—	—	—	—	293	293
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	26	26
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	2,939	529	50	—	—	314	314	1,589	130	1,719
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	11	11
Ecuador	—	—	—	306	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	49	49	—	—	—
Germany	—	—	—	—	—	—	—	—	55	55
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	392	392
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	140	—	233	233	—	1,229	1,229
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	3,218	—	—	447	—	—	—	—	130	130
Netherlands	—	—	—	51	—	64	64	250	32	282
Norway	190	—	—	—	—	126	126	454	268	722
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	848	848
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	226	—	—	—	35	977	1,012
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	1,195	—	—	381	—	492	492	1,417	346	1,763
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1,732	1	0	0	—	0	0	0	0	0
Total	20,993	530	50	1,780	—	1,278	1,278	3,745	5,820	9,565
Persian Gulf⁴	3,993	—	—	—	—	—	—	—	556	556

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	193	313	-	-	2,529	4	-	-	2,533	-	26
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	193	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	77	-	-	2,529	4	-	-	2,533	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	179	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	26
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	57	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	0	0	-	-	0	-	0
Total	193	313	-	-	2,529	4	-	-	2,533	-	26
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	1,115	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	1,115	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	625	2	438	866	1,178	2,482	1	—
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	135	135	—	—
Belgium	—	—	—	—	360	—	360	—	—
Brazil	—	—	—	—	—	125	125	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	140	2	—	—	4	4	1	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	494	494	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	122	122	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	75	—	75	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	485	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	98	98	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	90	—	90	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	438	341	200	979	0	—
Total	—	1,740	2	438	866	1,178	2,482	1	—
Persian Gulf⁴	—	1,115	—	—	—	135	135	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	43	—	2,364	13,711	366	76	442
Algeria	—	—	—	—	—	—	648	21	—	21
Angola	—	—	—	—	—	309	2,360	66	10	76
Congo (Brazzaville)	—	—	—	—	—	7	939	30	0	30
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	1,115	1,115	—	36	36
Libya	—	—	—	—	—	—	2,456	79	—	79
Nigeria	—	—	—	—	—	334	1,601	41	11	52
Saudi Arabia	—	—	—	—	—	556	4,549	129	18	147
United Arab Emirates	—	—	—	43	—	43	43	—	1	1
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	95	—	1,040	128	—	19,435	29,081	311	627	938
Argentina	—	—	—	—	—	399	771	12	13	25
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	135	135	—	4	4
Belgium	—	—	—	—	—	386	386	—	12	12
Brazil	—	—	—	—	—	318	318	—	10	10
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	1	1	—	0	0
Canada	68	—	862	65	—	6,364	9,303	95	205	300
Chad	—	—	—	—	—	—	—	—	—	—
China	25	—	—	—	—	25	25	—	1	1
Colombia	—	—	—	—	—	494	494	—	16	16
Denmark	—	—	—	—	—	11	11	—	0	0
Ecuador	—	—	—	—	—	428	428	—	14	14
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	8	—	57	57	—	2	2
Germany	—	—	—	10	—	319	319	—	10	10
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	877	877	—	28	28
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	7	—	1,609	1,609	—	52	52
Korea, South	1	—	—	—	—	1	1	—	0	0
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	675	3,893	104	22	126
Netherlands	—	—	26	31	—	480	480	—	15	15
Norway	—	—	—	—	—	848	1,038	6	27	33
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	848	848	—	27	27
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	1,295	1,295	—	42	42
Sweden	—	—	—	1	—	91	91	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	2,636	3,831	39	85	124
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	—	152	6	—	1,138	2,870	55	39	94
Total	95	—	1,040	171	—	21,799	42,792	677	703	1,380
Persian Gulf⁴	—	—	—	43	—	1,849	5,842	129	60	188

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	11,613	237	-	-	-	-	-	-	1,106	1,106
Algeria	2,444	-	-	-	-	-	-	-	131	131
Angola	950	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	237	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,241	-	-	-	-	-	-	-	-	-
Nigeria	3,649	-	-	-	-	-	-	-	268	268
Saudi Arabia	3,329	-	-	-	-	-	-	-	707	707
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,073	891	172	1,153	-	2,453	2,453	4,341	7,181	11,522
Argentina	494	-	-	89	-	-	-	-	277	277
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	313	313	305	602	907
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	3	58	61
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,386	891	172	-	-	299	299	2,056	741	2,797
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	3	5	8
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	593	593
France	-	-	-	-	-	149	149	-	652	652
Germany	-	-	-	4	-	56	56	17	33	50
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	1	1	161	771	932
Korea, South	-	-	-	50	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	219	219	53	26	79
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	979	-	-	-	-	-	-	-	251	251
Netherlands	-	-	-	127	-	379	379	324	414	738
Norway	-	-	-	-	-	530	530	352	108	460
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	102	-	360	360	92	1,136	1,228
Sweden	-	-	-	-	-	-	-	-	307	307
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	478	-	-	-	-	-	-	-	-	-
United Kingdom	1,223	-	-	500	-	147	147	975	73	1,048
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,513	0	0	281	-	0	0	0	1,134	1,134
Total	19,686	1,128	172	1,153	-	2,453	2,453	4,341	8,287	12,628
Persian Gulf⁴	3,329	-	-	-	-	-	-	-	707	707

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	22	-	-	-	22	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	22	-	-	-	22	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	251	495	-	-	5,885	13	-	-	5,898	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	99	-	-	29	-	-	-	29	-	-
Brazil	251	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	117	-	-	2,834	13	-	-	2,847	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	200	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	79	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	928	-	-	-	928	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	544	-	-	-	544	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	494	-	-	-	494	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	721	-	-	-	721	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	335	0	-	-	335	-	-
Total	251	495	-	-	5,907	13	-	-	5,920	-	-
Persian Gulf⁴	-	-	-	-	743	-	-	-	743	-	-

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	698	—	—	—	584	584	—	—
Algeria	—	121	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	144	144	—	—
Kuwait	—	577	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	440	440	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	1,035	3	—	2,105	794	2,899	44	—
Argentina	—	—	—	—	396	—	396	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	116	116	—	—
Belgium	—	—	—	—	435	—	435	—	—
Brazil	—	—	—	—	—	51	51	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	167	3	—	—	16	16	2	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	418	418	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	340	—	340	38	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	530	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	176	176	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	171	—	171	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	4	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	338	0	—	763	17	780	0	—
Total	—	1,733	3	—	2,105	1,378	3,483	44	—
Persian Gulf⁴	—	577	—	—	—	700	700	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	2,647	14,260	387	88	475
Algeria	—	—	—	—	—	252	2,696	81	8	90
Angola	—	—	—	—	—	—	950	32	—	32
Congo (Brazzaville)	—	—	—	—	—	237	237	—	8	8
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	144	144	—	5	5
Kuwait	—	—	—	—	—	599	599	—	20	20
Libya	—	—	—	—	—	—	1,241	41	—	41
Nigeria	—	—	—	—	—	268	3,917	122	9	131
Saudi Arabia	—	—	—	—	—	1,147	4,476	111	38	149
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	78	—	718	115	—	27,727	35,800	269	924	1,193
Argentina	—	—	—	—	—	762	1,256	16	25	42
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	1,220	1,220	—	41	41
Bahrain	—	—	—	—	—	116	116	—	4	4
Belgium	—	—	—	—	—	624	624	—	21	21
Brazil	—	—	—	—	—	302	302	—	10	10
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	74	—	635	67	—	8,087	11,473	113	270	382
Chad	—	—	—	—	—	—	—	—	—	—
China	2	—	—	—	—	2	2	—	0	0
Colombia	—	—	—	—	—	418	418	—	14	14
Denmark	—	—	—	—	—	8	8	—	0	0
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	593	593	—	20	20
France	—	—	—	6	—	807	807	—	27	27
Germany	—	—	—	1	—	689	689	—	23	23
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	4	—	1,016	1,016	—	34	34
Korea, South	—	—	—	—	—	1,508	1,508	—	50	50
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	298	298	—	10	10
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	427	1,406	33	14	47
Netherlands	—	—	—	35	—	1,823	1,823	—	61	61
Norway	—	—	—	—	—	990	990	—	33	33
Oman	—	—	—	—	—	494	494	—	16	16
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	721	721	—	24	24
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	83	—	—	1,773	1,773	—	59	59
Sweden	—	—	—	1	—	479	479	—	16	16
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	478	16	—	16
United Kingdom	—	—	—	—	—	1,699	2,922	41	57	97
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	2	—	0	1	—	2,871	4,384	50	95	146
Total	78	—	718	115	—	30,374	50,060	656	1,012	1,669
Persian Gulf⁴	—	—	—	—	—	2,727	6,056	111	91	202

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,504	-	-	60	-	-	-	-	886	886
Algeria	166	-	-	-	-	-	-	-	-	-
Angola	137	-	-	60	-	-	-	-	263	263
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,854	-	-	-	-	-	-	-	-	-
Nigeria	4,148	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,199	-	-	-	-	-	-	-	623	623
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	10,103	1,062	282	901	-	2,556	2,556	5,553	8,938	14,491
Argentina	477	-	-	-	-	-	-	-	291	291
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	1,268	1,268	512	1,573	2,085
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	194	-	8	8	-	229	229
Brazil	-	-	-	-	-	-	-	-	15	15
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	4,615	1,060	282	-	-	320	320	2,479	1,166	3,645
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	108	108
Ecuador	-	-	-	189	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	583	583
France	-	-	-	-	-	437	437	-	206	206
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	587	587
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	12	12	-	574	574
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,990	-	-	300	-	-	-	-	-	-
Netherlands	-	-	-	-	-	59	59	644	291	935
Norway	768	-	-	-	-	321	321	-	639	639
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	568	568
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	624	624
Sweden	-	-	-	-	-	11	11	-	612	612
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	384	-	-	-	-	-	-	-	-	-
United Kingdom	329	-	-	-	-	120	120	1,918	180	2,098
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,540	2	0	218	-	0	0	0	692	692
Total	19,607	1,062	282	961	-	2,556	2,556	5,553	9,824	15,377
Persian Gulf⁴	3,199	-	-	-	-	-	-	-	623	623

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	100	81
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	100	81
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	390	-	-	5,817	100	-	-	5,917	-	-	32
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	90	-	-	4,420	-	-	-	4,420	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	300	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	857	100	-	-	957	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	376	-	-	-	376	-	-	32
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	164	-	-	-	164	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	-	-	0	0	0	0
Total	-	390	-	-	5,817	100	-	-	5,917	100	-	113
Persian Gulf⁴	-	-	-	-	164	-	-	-	164	100	-	81

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	415	—	—	—	75	75	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	415	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	75	75	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	809	1	—	689	1,117	1,806	584	1
Argentina	—	—	—	—	272	—	272	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	31	31	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	34	34	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	192	1	—	331	55	386	43	1
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	113	113	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	84	84	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	194	—	—	—	—	—	467	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	74	—
Korea, South	—	423	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	436	436	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	300	300	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	86	64	150	0	0
Total	—	1,224	1	—	689	1,192	1,881	584	1
Persian Gulf⁴	—	415	—	—	—	106	106	—	—

See footnotes at end of table.

Table 27. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	1,617	11,121	307	52	359
Algeria	—	—	—	—	—	—	166	5	—	5
Angola	—	—	—	—	—	323	460	4	10	15
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	415	415	—	13	13
Libya	—	—	—	—	—	—	1,854	60	—	60
Nigeria	—	—	—	—	—	—	4,148	134	—	134
Saudi Arabia	—	—	—	—	—	698	3,897	103	23	126
United Arab Emirates	—	—	—	—	—	181	181	—	6	6
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	77	—	919	131	—	29,959	40,062	326	966	1,292
Argentina	—	—	—	—	—	563	1,040	15	18	34
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	3,353	3,353	—	108	108
Bahrain	—	—	—	—	—	31	31	—	1	1
Belgium	—	—	—	—	—	431	431	—	14	14
Brazil	—	—	—	—	—	51	51	—	2	2
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	71	—	919	65	—	11,495	16,110	149	371	520
Chad	—	—	—	—	—	—	—	—	—	—
China	5	—	—	—	—	5	5	—	0	0
Colombia	—	—	—	—	—	113	113	—	4	4
Denmark	—	—	—	—	—	108	108	—	3	3
Ecuador	—	—	—	—	—	273	273	—	9	9
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	583	583	—	19	19
France	—	—	—	3	—	646	646	—	21	21
Germany	—	—	—	8	—	308	308	—	10	10
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	2,205	2,205	—	71	71
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	2	—	662	662	—	21	21
Korea, South	—	—	—	52	—	475	475	—	15	15
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	736	2,726	64	24	88
Netherlands	—	—	—	1	—	1,403	1,403	—	45	45
Norway	—	—	—	—	—	960	1,728	25	31	56
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	568	568	—	18	18
Qatar	—	—	—	—	—	164	164	—	5	5
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	624	624	—	20	20
Sweden	—	—	—	—	—	623	623	—	20	20
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	384	12	—	12
United Kingdom	—	—	—	—	—	2,518	2,847	11	81	92
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	1	—	0	0	—	1,061	2,601	50	35	84
Total	77	—	919	131	—	31,576	51,183	632	1,019	1,651
Persian Gulf⁴	—	—	—	—	—	1,489	4,688	103	48	151

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	84,256	2,155	161	-	-	-	-	-	798	798
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	84,256	2,155	161	-	-	-	-	-	798	798
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	84,256	2,155	161	-	-	-	-	-	798	798
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	107	-	-	436	1	11	-	448	-	2	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	107	-	-	436	1	11	-	448	-	2	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0	
Total	-	107	-	-	436	1	11	-	448	-	2	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	8	-	15	175	190	91	69
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	8	-	15	175	190	91	69
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	8	-	15	175	190	91	69
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	10	7	534	205	—	4,785	89,041	2,718	154	2,872
Argentina	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	10	7	534	204	—	4,784	89,040	2,718	154	2,872
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	1	—	1	1	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	—	0	0	0	0	0
Total	10	7	534	205	—	4,785	89,041	2,718	154	2,872
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—

— = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	72,229	2,074	179	-	-	-	-	-	521	521
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	72,229	2,072	179	-	-	-	-	-	521	521
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	2	0	-	-	-	-	-	0	0
Total	72,229	2,074	179	-	-	-	-	-	521	521
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	18	-	-	248	-	11	-	259	-	3
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	18	-	-	248	-	11	-	259	-	3
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	0	-	0	-	0
Total	-	18	-	-	248	-	11	-	259	-	3
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	7	-	13	51	64	82	59
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	7	-	13	51	64	82	59
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	7	-	13	51	64	82	59
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	8	6	646	177	—	4,103	76,332	2,580	147	2,726
Argentina	—	—	—	1	—	1	1	—	0	0
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	8	6	646	176	—	4,100	76,329	2,580	146	2,726
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	2	2	—	0	0
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	—	0	0	0	1	0
Total	8	6	646	177	—	4,103	76,332	2,580	147	2,726
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	84,977	2,109	212	-	-	-	-	-	427	427
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	84,977	2,108	212	-	-	-	-	-	427	427
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	1	0	-	-	-	-	-	0	0
Total	84,977	2,109	212	-	-	-	-	-	427	427
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	73	-	-	245	3	1	-	249	-	4	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	73	-	-	245	3	1	-	249	-	4	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0	
Total	-	73	-	-	245	3	1	-	249	-	4	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	5	-	18	109	127	104	75
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	5	-	18	109	127	104	75
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	5	-	18	109	127	104	75
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	18	50	575	247	--	4,275	89,252	2,741	138	2,879
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	18	50	575	246	--	4,273	89,250	2,741	138	2,879
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	1	--	1	1	--	0	0
Germany	--	--	--	--	--	--	--	--	--	--
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	1	1	--	0	0
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	0	0	0	0	--	0	0	0	0	0
Total	18	50	575	247	--	4,275	89,252	2,741	138	2,879
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	73,943	1,840	229	-	-	-	-	-	232	232
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	73,943	1,839	229	-	-	-	-	-	232	232
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	1	0	-	-	-	-	-	0	0
Total	73,943	1,840	229	-	-	-	-	-	232	232
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	70	-	-	116	3	11	-	130	-	5
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	70	-	-	116	3	11	-	130	-	5
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0
Total	-	70	-	-	116	3	11	-	130	-	5
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	34	6	-	9	69	78	86	63
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	34	6	-	9	69	78	86	63
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	0	0	0	0
Total	-	34	6	-	9	69	78	86	63
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	19	28	642	245	--	3,707	77,650	2,465	124	2,588
Argentina	--	--	--	1	--	1	1	--	0	0
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	19	28	642	244	--	3,705	77,648	2,465	124	2,588
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	1	1	--	0	0
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	0	0	0	0	--	0	0	0	0	0
Total	19	28	642	245	--	3,707	77,650	2,465	124	2,588
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	75,869	1,833	182	-	-	-	-	-	335	335
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	75,869	1,832	182	-	-	-	-	-	335	335
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	1	0	-	-	-	-	-	0	0
Total	75,869	1,833	182	-	-	-	-	-	335	335
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	42	-	-	213	17	32	-	262	-	-	5
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	42	-	-	213	17	32	-	262	-	-	5
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	-	0
Total	-	42	-	-	213	17	32	-	262	-	-	5
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	7	-	6	190	196	71	51
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	7	-	6	190	196	71	51
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	7	-	6	190	196	71	51
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	15	17	515	213	—	3,744	79,613	2,447	121	2,568
Argentina	—	—	—	1	—	1	1	—	0	0
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	15	16	515	211	—	3,740	79,609	2,447	121	2,568
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	1	—	1	1	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	1	1	—	0	0
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	1	—	—	—	1	1	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	—	0	0	0	0	0
Total	15	17	515	213	—	3,744	79,613	2,447	121	2,568
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	74,641	1,515	108	-	-	-	-	-	357	357
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	74,641	1,515	108	-	-	-	-	-	357	357
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	74,641	1,515	108	-	-	-	-	-	357	357
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	67	-	-	239	13	23	-	275	-	-	5
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	67	-	-	239	13	23	-	275	-	-	5
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	-	0
Total	-	67	-	-	239	13	23	-	275	-	-	5
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	9	-	13	118	131	95	77
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	9	-	13	118	131	95	77
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	9	-	13	118	131	95	77
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	17	20	724	227	--	3,627	78,268	2,488	121	2,609
Argentina	--	--	--	1	--	1	1	--	0	0
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	17	19	724	226	--	3,625	78,266	2,488	121	2,609
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	1	--	--	--	1	1	--	0	0
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	0	0	0	0	--	0	0	0	0	0
Total	17	20	724	227	--	3,627	78,268	2,488	121	2,609
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	73,223	1,987	201	-	-	-	-	-	482	482
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	73,223	1,986	201	-	-	-	-	-	482	482
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	1	0	-	-	-	-	-	0	0
Total	73,223	1,987	201	-	-	-	-	-	482	482
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	97	-	-	337	-	34	-	371	-	-	7
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	97	-	-	337	-	34	-	371	-	-	7
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	0	-	0	-	-	0
Total	-	97	-	-	337	-	34	-	371	-	-	7
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	8	-	5	158	163	95	69
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	8	-	5	158	163	95	69
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	8	-	5	158	163	95	69
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	15	19	698	194	--	4,406	77,629	2,362	142	2,504
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	15	18	698	193	--	4,403	77,626	2,362	142	2,504
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	1	--	1	1	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	1	1	--	0	0
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	1	--	--	--	1	1	--	0	0
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	0	0	0	0	--	0	0	0	0	0
Total	15	19	698	194	--	4,406	77,629	2,362	142	2,504
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	81,312	2,222	135	-	-	-	-	-	320	320
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	81,312	2,222	135	-	-	-	-	-	320	320
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	81,312	2,222	135	-	-	-	-	-	320	320
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	131	-	-	375	4	6	-	385	-	2
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	131	-	-	375	4	6	-	385	-	2
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0
Total	-	131	-	-	375	4	6	-	385	-	2
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	8	-	5	143	148	67	53
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	8	-	5	143	148	67	53
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	8	-	5	143	148	67	53
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	14	24	830	215	--	4,554	85,866	2,623	147	2,770
Argentina	--	--	--	--	--	--	--	--	--	--
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	11	23	830	215	--	4,550	85,862	2,623	147	2,770
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	1	--	--	--	1	1	--	0	0
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	3	0	0	0	--	3	3	0	0	0
Total	14	24	830	215	--	4,554	85,866	2,623	147	2,770
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	75,633	2,122	208	-	-	-	-	-	75	75
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	75,633	2,121	208	-	-	-	-	-	75	75
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	1	0	-	-	-	-	-	0	0
Total	75,633	2,122	208	-	-	-	-	-	75	75
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	107	-	-	176	6	2	-	184	-	6
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	107	-	-	176	6	2	-	184	-	6
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0
Total	-	107	-	-	176	6	2	-	184	-	6
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	11	-	7	76	83	67	62
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	11	-	7	76	83	67	62
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	11	-	7	76	83	67	62
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	11	26	606	200	--	3,768	79,401	2,521	126	2,647
Argentina	--	--	--	1	--	1	1	--	0	0
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	10	25	606	199	--	3,764	79,397	2,521	125	2,647
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	1	1	--	0	0
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	1	--	--	--	1	1	--	0	0
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	1	0	0	0	--	1	1	0	1	0
Total	11	26	606	200	--	3,768	79,401	2,521	126	2,647
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	78,178	2,773	210	-	-	-	-	-	404	404
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	78,178	2,773	210	-	-	-	-	-	404	404
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	78,178	2,773	210	-	-	-	-	-	404	404
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	107	-	-	168	2	2	-	172	-	-	5
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	107	-	-	168	2	2	-	172	-	-	5
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	-	0
Total	-	107	-	-	168	2	2	-	172	-	-	5
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	9	-	7	80	87	121	31
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	9	-	7	80	87	121	31
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	9	-	7	80	87	121	31
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	10	22	714	229	—	4,894	83,072	2,522	158	2,680
Argentina	—	—	—	1	—	1	1	—	0	0
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1	—	1	1	—	0	0
Brazil	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	10	22	714	227	—	4,892	83,070	2,522	158	2,680
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	—	0	0	0	0	0
Total	10	22	714	229	—	4,894	83,072	2,522	158	2,680
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—

-- = Not Applicable.

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	78,595	2,118	350	-	-	-	-	-	662	662
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	78,595	2,118	350	-	-	-	-	-	662	662
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	78,595	2,118	350	-	-	-	-	-	662	662
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	143	-	-	417	3	1	-	421	-	2
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	143	-	-	417	3	1	-	421	-	2
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0
Total	-	143	-	-	417	3	1	-	421	-	2
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	3	-	7	108	115	79	58
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	3	-	7	108	115	79	58
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	3	-	7	108	115	79	58
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	9	24	618	223	--	4,825	83,420	2,620	161	2,781
Argentina	--	--	--	1	--	1	1	--	0	0
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	9	24	618	222	--	4,824	83,419	2,620	161	2,781
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	0	0	0	0	--	0	0	0	0	0
Total	9	24	618	223	--	4,825	83,420	2,620	161	2,781
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	74,976	1,903	204	-	-	-	-	-	656	656
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	74,976	1,903	204	-	-	-	-	-	656	656
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	-	-	-	0	0
Total	74,976	1,903	204	-	-	-	-	-	656	656
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	98	-	-	373	3	2	-	378	-	2	
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	98	-	-	373	3	2	-	378	-	2	
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	0	0	-	0	-	0	
Total	-	98	-	-	373	3	2	-	378	-	2	
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	4	-	4	74	78	83	65
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	4	-	4	74	78	83	65
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	0	0	0
Total	-	-	4	-	4	74	78	83	65
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 28. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	9	18	803	196	--	4,497	79,473	2,419	145	2,564
Argentina	--	--	--	1	--	1	1	--	0	0
Aruba	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	--	--	--	--
Brunei	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--
Canada	8	18	803	194	--	4,494	79,470	2,419	145	2,564
Chad	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	--	--
Denmark	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	--	--	--
Egypt	--	--	--	--	--	--	--	--	--	--
Estonia	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	1	--	1	1	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Italy	--	--	--	--	--	--	--	--	--	--
Korea, South	--	--	--	--	--	--	--	--	--	--
Latvia	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	--	--	--	--	--
Russia	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	--	--
United Kingdom	--	--	--	--	--	--	--	--	--	--
Vietnam	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Yemen	--	--	--	--	--	--	--	--	--	--
Other	1	0	0	0	--	1	1	0	0	0
Total	9	18	803	196	--	4,497	79,473	2,419	145	2,564
Persian Gulf⁴	--	--	--	--	--	--	--	--	--	--

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	10,033	-	-	1,614	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	507	-	-	-	-	-	-	-	-	-
Iraq	1,029	-	-	223	-	-	-	-	-	-
Kuwait	729	-	-	-	-	-	-	-	-	-
Libya	-	-	-	16	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	7,768	-	-	1,375	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	41,900	-	-	9,471	-	-	-	-	479	479
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	18,175	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	3,473	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	295	-	-	-	-	-	-
Egypt	-	-	-	1,178	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	479	479
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	17,704	-	-	1,277	-	-	-	-	-	-
Netherlands	-	-	-	336	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	6,385	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,949	-	-	-	-	-	-	-	-	-
United Kingdom	599	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	0	-	-	-	-	0	0
Total	51,933	-	-	11,085	-	-	-	-	479	479
Persian Gulf⁴	10,033	-	-	1,598	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	7	-	-	-	-	-	-	-	-	80
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	49
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	31
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	7	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	0
Total	-	7	-	-	-	-	-	-	-	-	80
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	76	-	657	2,745	3,402	215	34
Argentina	-	-	-	-	-	-	-	-	20
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	52	-	-	270	270	11	14
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	15	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	1,596	1,596	119	-
Netherlands	-	-	9	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	400	879	1,279	-	-
Spain	-	-	-	-	-	-	-	25	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	257	0	257	60	0
Total	-	-	76	-	657	2,745	3,402	215	34
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	150	—	1,764	11,797	324	57	381
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	507	16	—	16
Iraq	—	—	—	—	—	223	1,252	33	7	40
Kuwait	—	—	—	—	—	—	729	24	—	24
Libya	—	—	—	—	—	16	16	—	1	1
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	29	—	1,404	9,172	251	45	296
United Arab Emirates	—	—	—	121	—	121	121	—	4	4
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	80	190	—	568	—	14,602	56,502	1,352	471	1,823
Argentina	—	52	—	1	—	73	73	—	2	2
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	19	—	19	19	—	1	1
Belgium	—	—	—	7	—	7	7	—	0	0
Brazil	—	121	—	—	—	121	121	—	4	4
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	2	—	349	18,524	586	11	598
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	3,473	112	—	112
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	295	295	—	10	10
Egypt	—	—	—	—	—	1,178	1,178	—	38	38
Estonia	—	—	—	—	—	49	49	—	2	2
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	2	—	2	2	—	0	0
Germany	—	—	—	2	—	17	17	—	1	1
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	479	479	—	15	15
Indonesia	—	—	—	—	—	63	63	—	2	2
Italy	—	—	—	3	—	3	3	—	0	0
Korea, South	—	—	—	115	—	115	115	—	4	4
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	65	—	—	—	—	65	65	—	2	2
Mexico	—	—	—	—	—	2,992	20,696	571	97	668
Netherlands	—	—	—	117	—	493	493	—	16	16
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	65	—	65	65	—	2	2
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	172	—	172	172	—	6	6
Russia	—	—	—	—	—	7,664	7,664	—	247	247
Spain	1	—	—	—	—	33	33	—	1	1
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,949	63	—	63
United Kingdom	14	17	—	—	—	31	630	19	1	20
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	63	—	317	317	1	9	9
Total	80	190	—	718	—	16,366	68,299	1,675	528	2,203
Persian Gulf⁴	—	—	—	341	—	1,939	11,972	324	63	386

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,383	-	-	527	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	949	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	376	-	-	-	-	-	-	-	-	-
Libya	-	-	-	30	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	7,058	-	-	497	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	34,858	-	-	12,124	-	-	-	-	2,123	2,123
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	679	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	16,666	-	-	487	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	3,086	-	-	134	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	188	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	300	300
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	350	350
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	328	328
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	14,182	-	-	1,262	-	-	-	-	-	-
Netherlands	-	-	-	250	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	8,952	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	525	-	-	-	-	-	-	-	-	-
United Kingdom	399	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	172	-	-	-	-	1,145	1,145
Total	43,241	-	-	12,651	-	-	-	-	2,123	2,123
Persian Gulf⁴	7,434	-	-	497	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	136	-	-	-	-	136	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	136	-	-	-	-	136	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	0	-	-	-	-	0	-	-
Total	-	-	-	-	136	-	-	-	-	136	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	88	-	302	3,668	3,970	163	45
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	263	263	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	88	-	88	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	127	14	141	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	27	-	27	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	35
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	45	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	616	616	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	1,948	1,948	79	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	827	827	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	10
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	43	-	60	0	60	84	0
Total	-	-	88	-	302	3,668	3,970	163	45
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	106	—	633	9,016	299	23	322
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	949	34	—	34
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	376	13	—	13
Libya	—	—	—	—	—	30	30	—	1	1
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	497	7,555	252	18	270
United Arab Emirates	—	—	—	106	—	106	106	—	4	4
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	7	533	28	894	—	20,111	54,969	1,245	718	1,963
Argentina	—	267	—	4	—	271	271	—	10	10
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	263	263	—	9	9
Bahrain	—	—	—	192	—	192	192	—	7	7
Belgium	—	—	—	4	—	4	4	—	0	0
Brazil	—	249	—	—	—	1,016	1,016	—	36	36
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	1	—	629	17,295	595	22	618
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	134	3,220	110	5	115
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	215	215	—	8	8
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	300	300	—	11	11
France	—	—	—	2	—	37	37	—	1	1
Germany	—	—	—	4	—	4	4	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	350	350	—	13	13
Indonesia	—	—	—	—	—	145	145	—	5	5
Italy	—	—	—	4	—	332	332	—	12	12
Korea, South	—	—	—	445	—	490	490	—	18	18
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	616	616	—	22	22
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	3,289	17,471	507	117	624
Netherlands	—	—	28	91	—	369	369	—	13	13
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	9,915	9,915	—	354	354
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	525	19	—	19
United Kingdom	—	—	—	—	—	10	409	14	0	15
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	7	17	0	147	—	1,530	1,530	0	55	53
Total	7	533	28	1,000	—	20,744	63,985	1,544	741	2,285
Persian Gulf⁴	—	—	—	298	—	795	8,229	266	28	294

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,367	-	-	727	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	965	-	-	529	-	-	-	-	-	-
Kuwait	369	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	8,033	-	-	198	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	42,510	-	-	13,748	-	-	-	-	713	713
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	15	15
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	17,431	-	-	300	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,079	-	-	335	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	301	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	69	-	-	-	-	43	43
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	270	270
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	45	-	-	-	-	45	45
Korea, South	-	-	-	-	-	-	-	-	156	156
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	17,929	-	-	2,856	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	9,095	-	-	-	-	149	149
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	900	-	-	-	-	-	-	-	-	-
United Kingdom	924	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,247	-	-	747	-	-	-	-	35	35
Total	51,877	-	-	14,475	-	-	-	-	713	713
Persian Gulf⁴	9,367	-	-	727	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	78	-	-	-	-	110	-	110	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	78	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	110	-	110	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	0	-	0	-	-
Total	-	78	-	-	-	-	110	-	110	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	57	57	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	10	10	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	47	47	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	553	-	-	4,172	4,172	211	40
Argentina	-	-	-	-	-	-	-	-	28
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	242	242	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	1,621	1,621	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	127	-	-	-	-	-	12
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	5	5	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	383	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	1,375	1,375	69	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	839	839	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	43	-	-	90	90	142	0
Total	-	-	553	-	-	4,229	4,229	211	40
Persian Gulf⁴	-	-	-	-	-	57	57	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	169	—	953	10,320	302	31	333
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	539	1,504	31	17	49
Kuwait	—	—	—	—	—	—	369	12	—	12
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	245	8,278	259	8	267
United Arab Emirates	—	—	—	169	—	169	169	—	5	5
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	91	—	824	—	20,540	63,050	1,371	663	2,034
Argentina	—	91	—	4	—	123	123	—	4	4
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	242	242	—	8	8
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	3	—	3	3	—	0	0
Brazil	—	—	—	—	—	1,636	1,636	—	53	53
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	2	—	441	17,872	562	14	577
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	340	4,419	132	11	143
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	301	301	—	10	10
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	2	—	2	2	—	0	0
Germany	—	—	—	1	—	113	113	—	4	4
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	271	271	—	9	9
Indonesia	—	—	—	—	—	123	123	—	4	4
Italy	—	—	—	11	—	179	179	—	6	6
Korea, South	—	—	—	347	—	886	886	—	29	29
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	4,300	22,229	578	139	717
Netherlands	—	—	—	22	—	22	22	—	1	1
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	308	—	308	308	—	10	10
Russia	—	—	—	—	—	10,193	10,193	—	329	329
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	900	29	—	29
United Kingdom	—	—	—	—	—	—	924	30	—	30
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	—	0	—	123	—	1,057	2,304	40	32	71
Total	—	91	—	993	—	21,493	73,370	1,673	693	2,367
Persian Gulf⁴	—	—	—	477	—	1,261	10,628	302	41	343

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	7,860	16	-	6,215	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	16	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,217	-	-	1,514	-	-	-	-	-	-
Kuwait	781	-	-	654	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	5,862	-	-	1,735	-	-	-	-	-	-
United Arab Emirates	-	-	-	2,312	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	39,182	-	25	11,427	-	94	94	-	2,120	2,120
Argentina	-	-	-	-	-	-	-	-	222	222
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	667	-	-	-	-	64	64
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	16,531	-	-	638	-	-	-	-	26	26
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,732	-	-	57	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	511	-	48	48	-	231	231
Germany	-	-	-	-	-	-	-	-	62	62
Guatemala	295	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	551	551
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	65	65
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	15,168	-	25	2,105	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	38	38
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	7,284	-	46	46	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	1	1
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,059	-	-	-	-	-	-	-	-	-
United Kingdom	397	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	165	-	0	0	-	860	860
Total	47,042	16	25	17,642	-	94	94	-	2,120	2,120
Persian Gulf⁴	7,860	-	-	6,215	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	76	-	50	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	50	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	76	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	-	-	-	-	-	-	-
Total	-	76	-	50	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	—	—	119	119	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	119	119	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	245	—	119	3,206	3,325	73	41
Argentina	—	—	—	—	—	—	—	—	27
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	10	10	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	78	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	14
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	130	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	503	503	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	37	—	—	1,732	1,732	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	9	—
Russia	—	—	—	—	—	961	961	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	6	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	119	0	119	58	0
Total	—	—	245	—	119	3,325	3,444	73	41
Persian Gulf⁴	—	—	—	—	—	119	119	9	—

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	—	—	6,350	14,210	262	212	474
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	16	16	—	1	1
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,514	2,731	41	50	91
Kuwait	—	—	—	—	—	654	1,435	26	22	48
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	1,854	7,716	195	62	257
United Arab Emirates	—	—	—	—	—	2,312	2,312	—	77	77
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	68	251	—	1,033	—	18,828	58,010	1,306	628	1,934
Argentina	—	112	—	4	—	365	365	—	12	12
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	51	—	51	51	—	2	2
Belgium	—	—	—	2	—	2	2	—	0	0
Brazil	—	—	—	—	—	741	741	—	25	25
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	2	—	744	17,275	551	25	576
Chad	—	—	—	—	—	—	—	—	—	—
China	28	—	—	—	—	28	28	—	1	1
Colombia	—	—	—	—	—	57	5,789	191	2	193
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	50	50	—	2	2
France	—	—	—	1	—	805	805	—	27	27
Germany	—	139	—	2	—	203	203	—	7	7
Guatemala	—	—	—	—	—	—	295	10	—	10
India	—	—	—	—	—	551	551	—	18	18
Indonesia	—	—	—	—	—	112	112	—	4	4
Italy	—	—	—	4	—	69	69	—	2	2
Korea, South	—	—	—	385	—	515	515	—	17	17
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	503	503	—	17	17
Malaysia	3	—	—	—	—	3	3	—	0	0
Mexico	—	—	—	—	—	3,899	19,067	506	130	636
Netherlands	—	—	—	122	—	160	160	—	5	5
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	331	—	340	340	—	11	11
Russia	—	—	—	—	—	8,291	8,291	—	276	276
Spain	—	—	—	—	—	76	76	—	3	3
Sweden	—	—	—	—	—	1	1	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,059	35	—	35
United Kingdom	22	—	—	—	—	28	425	13	1	14
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	15	0	—	129	—	1,234	1,234	0	41	41
Total	68	251	—	1,033	—	25,178	72,220	1,568	839	2,407
Persian Gulf⁴	—	—	—	382	—	6,725	14,585	262	224	486

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	8,903	-	-	7,513	-	-	-	-	-	-
Algeria	-	-	-	1,185	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,253	-	-	2,101	-	-	-	-	-	-
Kuwait	756	-	-	1,054	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	6,894	-	-	2,859	-	-	-	-	-	-
United Arab Emirates	-	-	-	314	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	49,608	-	-	4,653	-	85	85	-	1,175	1,175
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	46	46
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	925	-	-	502	-	-	-	-	15	15
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	20,005	-	-	210	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,131	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	50	50
Ecuador	-	-	-	767	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	77	77
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	47	47
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	3	3
Korea, South	-	-	-	-	-	-	-	-	150	150
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	18	18
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	21,261	-	-	1,911	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	15	15
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	379	-	-	-	-	-	-	-	-	-
United Kingdom	907	-	-	-	-	85	85	-	334	334
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	1,263	-	0	0	-	420	420
Total	58,511	-	-	12,166	-	85	85	-	1,175	1,175
Persian Gulf⁴	8,903	-	-	6,328	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	146	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	39	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	107	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	-
Total	-	146	-	-	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	615	-	319	934	-	-
Algeria	-	-	-	615	-	-	615	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	319	319	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	174	-	-	2,892	2,892	142	24
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	482	482	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	84	-	-	-	-	-	24
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	68	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	2,410	2,410	124	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	18	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	22	0	-	0	0	0	0
Total	-	-	174	615	-	3,211	3,826	142	24
Persian Gulf⁴	-	-	-	-	-	319	319	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	238	—	8,685	17,588	287	280	567
Algeria	—	—	—	—	—	1,800	1,800	—	58	58
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	2,101	3,354	40	68	108
Kuwait	—	—	—	—	—	1,054	1,810	24	34	58
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	3,178	10,072	222	103	325
United Arab Emirates	—	—	—	238	—	552	552	—	18	18
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	13	258	—	865	—	10,427	60,035	1,600	336	1,937
Argentina	—	—	—	4	—	4	4	—	0	0
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	46	46	—	1	1
Bahrain	—	—	—	59	—	59	59	—	2	2
Belgium	—	—	—	5	—	5	5	—	0	0
Brazil	—	250	—	—	—	1,249	2,174	30	40	70
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	4	—	322	20,327	645	10	656
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	6,131	198	—	198
Denmark	—	—	—	—	—	50	50	—	2	2
Ecuador	—	—	—	—	—	767	767	—	25	25
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	77	77	—	2	2
France	—	—	—	2	—	2	2	—	0	0
Germany	—	—	—	3	—	50	50	—	2	2
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	1	1	—	0	0
Indonesia	—	—	—	—	—	61	61	—	2	2
Italy	—	—	—	10	—	52	52	—	2	2
Korea, South	—	—	—	344	—	562	562	—	18	18
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	18	18	—	1	1
Malaysia	13	—	—	—	—	13	13	—	0	0
Mexico	—	—	—	—	—	4,445	25,706	686	143	829
Netherlands	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	372	—	372	372	—	12	12
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	122	122	—	4	4
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	379	12	—	12
United Kingdom	—	8	—	—	—	445	1,352	29	14	44
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	0	—	61	—	1,705	1,705	0	56	55
Total	13	258	—	1,103	—	19,112	77,623	1,887	617	2,504
Persian Gulf⁴	—	—	—	669	—	7,316	16,219	287	236	523

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	10,564	-	-	5,991	-	-	-	-	-	-
Algeria	-	-	-	764	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,716	-	-	2,971	-	-	-	-	-	-
Kuwait	-	-	-	584	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	8,848	-	-	1,672	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	42,099	1	-	6,011	-	-	-	-	2,198	2,198
Argentina	-	-	-	-	-	-	-	-	469	469
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	179	179
Brazil	-	-	-	32	-	-	-	-	69	69
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	18,737	-	-	844	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,465	-	-	-	-	-	-	-	14	14
Denmark	-	-	-	-	-	-	-	-	50	50
Ecuador	-	-	-	1,341	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	520	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	15	15
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	183	-	-	-	-	500	500
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	646	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	15,826	-	-	1,508	-	-	-	-	231	231
Netherlands	-	-	-	-	-	-	-	-	57	57
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	328	328
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	1,025	-	-	296	-	-	-	-	58	58
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,046	1	-	641	-	-	-	-	228	228
Total	52,663	1	-	12,002	-	-	-	-	2,198	2,198
Persian Gulf⁴	10,564	-	-	5,227	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	71	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	71	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	-
Total	-	71	-	-	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	265	—	524	789	—	—
Algeria	—	—	—	265	—	—	265	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	524	524	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	323	—	630	3,988	4,618	246	—
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	239	239	—	—
Brazil	—	—	—	—	—	935	935	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	83	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	313	313	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	61	61	—	—
Korea, South	—	—	163	—	—	—	—	15	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	2,029	2,029	118	—
Netherlands	—	—	—	—	—	237	237	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	1	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	232	—	232	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	76	0	398	174	572	113	—
Total	—	—	323	265	630	4,512	5,407	246	—
Persian Gulf⁴	—	—	—	—	—	524	524	—	—

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	257	—	7,037	17,601	352	235	587
Algeria	—	—	—	—	—	1,029	1,029	—	34	34
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	2,971	4,687	57	99	156
Kuwait	—	—	—	—	—	584	584	—	19	19
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	2,196	11,044	295	73	368
United Arab Emirates	—	—	—	257	—	257	257	—	9	9
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	48	245	31	779	—	14,571	56,670	1,403	486	1,889
Argentina	—	—	—	5	—	474	474	—	16	16
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	71	—	71	71	—	2	2
Belgium	—	—	—	1	—	419	419	—	14	14
Brazil	—	228	—	—	—	1,264	1,264	—	42	42
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	1	—	—	928	19,665	625	31	656
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	327	5,792	182	11	193
Denmark	—	—	—	—	—	50	50	—	2	2
Ecuador	—	—	—	—	—	1,341	1,341	—	45	45
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	3	—	523	523	—	17	17
Germany	—	—	—	4	—	91	91	—	3	3
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	684	684	—	23	23
Indonesia	—	—	—	—	—	52	52	—	2	2
Italy	—	—	—	13	—	720	720	—	24	24
Korea, South	—	—	—	267	—	445	445	—	15	15
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	22	—	—	—	—	22	22	—	1	1
Mexico	—	—	—	—	—	3,886	19,712	528	130	657
Netherlands	—	—	30	—	—	324	324	—	11	11
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	361	—	361	361	—	12	12
Russia	—	—	—	—	—	—	—	—	—	—
Spain	2	—	—	—	—	331	331	—	11	11
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	16	—	—	—	—	602	1,627	34	20	54
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	8	17	0	53	—	1,656	2,702	34	54	89
Total	48	245	31	1,036	—	21,608	74,271	1,755	720	2,476
Persian Gulf⁴	—	—	—	689	—	6,440	17,004	352	215	567

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	13,284	-	-	6,809	-	-	-	-	38	38
Algeria	-	-	-	84	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,741	-	-	4,316	-	-	-	-	-	-
Kuwait	702	-	-	19	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	7,841	-	-	1,613	-	-	-	-	38	38
United Arab Emirates	-	-	-	777	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	49,486	-	-	9,626	-	-	-	-	2,220	2,220
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	353	-	-	-	-	-	-
Brazil	1,018	-	-	703	-	-	-	-	72	72
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	20,254	-	-	1,211	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	6,969	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	380	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	14	-	-	-	-	-	-
Guatemala	294	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	704	704
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	887	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	192	192
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	548	-	-	-	-	-	-
Mexico	19,194	-	-	2,305	-	-	-	-	-	-
Netherlands	-	-	-	1,043	-	-	-	-	58	58
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	566	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	168	-	-	-	-	29	29
Sweden	-	-	-	-	-	-	-	-	93	93
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	391	-	-	-	-	-	-	-	-	-
United Kingdom	1,366	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	1,448	-	-	-	-	1,072	1,072
Total	62,770	-	-	16,435	-	-	-	-	2,258	2,258
Persian Gulf⁴	13,284	-	-	7,291	-	-	-	-	38	38

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	25	-	-	25	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	25	-	-	25	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	0	-	-	0	-	-	-
Total	-	-	-	-	-	25	-	-	25	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	—	—	163	163	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	163	163	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	444	—	313	2,290	2,603	303	63
Argentina	—	—	—	—	—	—	—	—	23
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	322	322	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	236	—	155	200	355	—	27
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	13
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	208	—	—	—	—	106	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	1,768	1,768	105	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	158	—	158	23	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	0	0	0	69	0
Total	—	—	444	—	313	2,453	2,766	303	63
Persian Gulf⁴	—	—	—	—	—	163	163	—	—

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	287	—	7,297	20,581	429	235	664
Algeria	—	—	—	—	—	84	84	—	3	3
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	4,316	9,057	153	139	292
Kuwait	—	—	—	—	—	19	721	23	1	23
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	1,814	9,655	253	59	311
United Arab Emirates	—	—	—	287	—	1,064	1,064	—	34	34
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	70	429	—	1,083	—	16,866	66,352	1,596	544	2,140
Argentina	—	204	—	4	—	231	231	—	7	7
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	64	—	64	64	—	2	2
Belgium	—	—	—	1	—	354	354	—	11	11
Brazil	—	225	—	—	—	1,347	2,365	33	43	76
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	1	—	1,830	22,084	653	59	712
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	6,969	225	—	225
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	380	380	—	12	12
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	5	—	18	18	—	1	1
Germany	—	—	—	2	—	16	16	—	1	1
Guatemala	—	—	—	—	—	—	294	9	—	9
India	—	—	—	2	—	706	706	—	23	23
Indonesia	—	—	—	—	—	169	169	—	5	5
Italy	—	—	—	10	—	897	897	—	29	29
Korea, South	—	—	—	381	—	887	887	—	29	29
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	45	—	—	—	—	593	593	—	19	19
Mexico	—	—	—	—	—	4,178	23,372	619	135	754
Netherlands	—	—	—	—	—	1,101	1,101	—	36	36
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	370	—	936	936	—	30	30
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	197	197	—	6	6
Sweden	—	—	—	—	—	93	93	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	391	13	—	13
United Kingdom	—	—	—	—	—	181	1,547	44	6	50
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	25	0	—	243	—	2,688	2,688	0	87	87
Total	70	429	—	1,370	—	24,163	86,933	2,025	779	2,804
Persian Gulf⁴	—	—	—	721	—	8,213	21,497	429	265	693

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	9,369	-	-	5,216	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	2,516	-	-	2,861	-	-	-	-	-	-
Kuwait	618	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	6,235	-	-	1,743	-	-	-	-	-	-
United Arab Emirates	-	-	-	612	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	40,819	1	-	6,240	-	-	-	417	1,538	1,955
Argentina	-	-	-	-	-	-	-	-	21	21
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	703	-	-	-	-	23	23
Brunei	-	-	-	-	-	-	-	-	287	287
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	18,657	-	-	121	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,152	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	306	-	-	-	92	-	92
Korea, South	-	-	-	-	-	-	-	-	1,034	1,034
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	1,570	-	-	-	-	-	-
Mexico	15,205	-	-	2,362	-	-	-	-	-	-
Netherlands	-	-	-	180	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	298	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	903	-	-	-	-	-	-	-	-	-
United Kingdom	902	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	1	-	700	-	-	-	325	173	498
Total	50,188	1	-	11,456	-	-	-	417	1,538	1,955
Persian Gulf⁴	9,369	-	-	5,216	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	71	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	71	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	-
Total	-	71	-	-	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	—	—	107	107	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	107	107	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	1,064	—	—	2,955	2,955	178	33
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	835	835	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	195	195	—	25
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	199	199	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	8
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	1,064	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	1,726	1,726	136	—
Netherlands	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	42	0
Total	—	—	1,064	—	—	3,062	3,062	178	33
Persian Gulf⁴	—	—	—	—	—	107	107	—	—

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	155	—	257	—	5,735	15,104	302	185	487
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	2,861	5,377	81	92	173
Kuwait	—	155	—	—	—	155	773	20	5	25
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	1,850	8,085	201	60	261
United Arab Emirates	—	—	—	257	—	869	869	—	28	28
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	21	202	—	1,097	—	13,817	54,636	1,317	446	1,762
Argentina	—	—	—	4	—	25	25	—	1	1
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	64	—	64	64	—	2	2
Belgium	—	—	—	2	—	2	2	—	0	0
Brazil	—	—	—	—	—	1,561	1,561	—	50	50
Brunei	—	—	—	—	—	287	287	—	9	9
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	2	—	414	19,071	602	13	615
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	5,152	166	—	166
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	199	199	—	6	6
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	1	—	9	9	—	0	0
Germany	—	—	—	5	—	6	6	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	1	1	—	0	0
Indonesia	—	—	—	—	—	194	194	—	6	6
Italy	—	—	—	8	—	406	406	—	13	13
Korea, South	—	—	—	364	—	2,462	2,462	—	79	79
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	10	—	—	—	—	1,580	1,580	—	51	51
Mexico	—	—	—	—	—	4,224	19,429	490	136	627
Netherlands	—	—	—	—	—	180	180	—	6	6
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	298	298	—	10	10
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	431	—	431	431	—	14	14
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	202	—	—	—	202	202	—	7	7
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	903	29	—	29
United Kingdom	—	—	—	—	—	—	902	29	—	29
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	11	0	—	215	—	1,272	1,272	1	43	42
Total	21	357	—	1,354	—	19,552	69,740	1,619	631	2,250
Persian Gulf⁴	—	155	—	752	—	6,230	15,599	302	201	503

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	6,423	-	-	5,486	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	2,464	-	-	1,474	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,959	-	-	2,234	-	-	-	-	-	-
United Arab Emirates	-	-	-	1,778	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	40,909	30	-	6,131	-	-	-	-	1,384	1,384
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	513	-	-	693	-	-	-	-	103	103
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	21,531	-	-	1,170	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	3,355	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	996	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	411	411
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	429	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	813	813
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	1,006	-	-	-	-	-	-
Mexico	13,723	-	-	1,308	-	-	-	-	-	-
Netherlands	-	-	-	220	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,387	-	-	-	-	-	-	-	-	-
United Kingdom	400	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	30	-	309	-	-	-	-	57	57
Total	47,332	30	-	11,617	-	-	-	-	1,384	1,384
Persian Gulf⁴	6,423	-	-	5,486	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	142	-	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	142	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	-	-
Total	-	142	-	-	-	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	-	-	-	272	272	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	35	35	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	237	237	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	647	-	-	3,593	3,593	308	34
Argentina	-	-	-	-	-	-	-	-	15
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	311	311	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	186	-	-	199	199	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	55	55	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	19
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	96	96	-	-
Korea, South	-	-	439	-	-	-	-	125	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	169	169	-	-
Mexico	-	-	-	-	-	2,486	2,486	125	-
Netherlands	-	-	-	-	-	160	160	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	37	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	22	-	-	117	117	21	0
Total	-	-	647	-	-	3,865	3,865	308	34
Persian Gulf⁴	-	-	-	-	-	272	272	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	243	—	6,001	12,424	214	200	414
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,509	3,973	82	50	132
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	2,471	6,430	132	82	214
United Arab Emirates	—	—	—	243	—	2,021	2,021	—	67	67
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	54	231	—	926	—	13,480	54,389	1,364	449	1,813
Argentina	—	98	—	4	—	117	117	—	4	4
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	55	—	55	55	—	2	2
Belgium	—	—	—	2	—	313	313	—	10	10
Brazil	—	—	—	—	—	796	1,309	17	27	44
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	1,697	23,228	718	57	774
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	30	30	—	1	1
Colombia	—	—	—	—	—	55	3,410	112	2	114
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	996	996	—	33	33
Egypt	22	—	—	—	—	22	22	—	1	1
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	4	—	23	23	—	1	1
Germany	—	—	—	5	—	5	5	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	411	411	—	14	14
Indonesia	—	—	—	—	—	67	67	—	2	2
Italy	—	—	—	6	—	531	531	—	18	18
Korea, South	—	—	—	305	—	1,682	1,682	—	56	56
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	2	—	—	—	—	1,177	1,177	—	39	39
Mexico	—	—	—	—	—	3,919	17,642	457	131	588
Netherlands	—	—	—	74	—	454	454	—	15	15
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	133	—	—	—	133	133	—	4	4
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	388	—	388	388	—	13	13
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,387	46	—	46
United Kingdom	10	—	—	—	—	47	447	13	2	15
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	20	0	—	83	—	562	562	1	17	19
Total	54	231	—	1,169	—	19,481	66,813	1,578	649	2,227
Persian Gulf⁴	—	—	—	686	—	6,444	12,867	214	215	429

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	5,061	-	-	4,835	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,517	-	-	3,102	-	-	-	-	-	-
Kuwait	1,259	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	2,285	-	-	1,473	-	-	-	-	-	-
United Arab Emirates	-	-	-	260	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	42,051	-	26	9,037	-	-	-	-	1,359	1,359
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	320	-	-	-	-	-	-
Brazil	505	-	-	685	-	-	-	-	76	76
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	18,404	-	-	1,565	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,694	-	-	2	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	444	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	279	-	-	-	-	-	-	-	-	-
India	-	-	-	581	-	-	-	-	513	513
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	113	-	-	-	-	-	-
Malaysia	-	-	-	1,654	-	-	-	-	184	184
Mexico	17,266	-	-	2,829	-	-	-	-	-	-
Netherlands	-	-	-	420	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	280	280
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	903	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	26	424	-	-	-	-	306	306
Total	47,112	-	26	13,872	-	-	-	-	1,359	1,359
Persian Gulf⁴	5,061	-	-	4,835	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	114	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	114	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	-
Total	-	114	-	-	-	-	-	-	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	-	-	28	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	28	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	424	-	-	2,998	2,998	161	27
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	264	264	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	82	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	394	394	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	27
Germany	-	-	7	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	274	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	368	368	-	-
Mexico	-	-	-	-	-	1,825	1,825	94	-
Netherlands	-	-	24	-	-	147	147	8	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	37	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	13	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	-	0	0	46	0
Total	-	-	452	-	-	2,998	2,998	161	27
Persian Gulf⁴	-	-	28	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	208	—	5,071	10,132	163	164	327
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,102	4,619	49	100	149
Kuwait	—	—	—	—	—	—	1,259	41	—	41
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	1,501	3,786	74	48	122
United Arab Emirates	—	—	—	208	—	468	468	—	15	15
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	20	355	—	1,568	—	16,089	58,140	1,356	519	1,875
Argentina	—	—	—	4	—	4	4	—	0	0
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	28	—	28	28	—	1	1
Belgium	—	—	—	1	—	321	321	—	10	10
Brazil	—	226	—	—	—	1,251	1,756	16	40	57
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	1,647	20,051	594	53	647
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	112	—	—	—	508	5,202	151	16	168
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	444	444	—	14	14
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	5	—	32	32	—	1	1
Germany	—	—	—	8	—	129	129	—	4	4
Guatemala	—	—	—	—	—	—	279	9	—	9
India	—	—	—	1	—	1,095	1,095	—	35	35
Indonesia	—	—	—	—	—	167	167	—	5	5
Italy	—	—	—	46	—	46	46	—	1	1
Korea, South	—	—	—	648	—	922	922	—	30	30
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	113	113	—	4	4
Malaysia	20	—	—	—	—	2,226	2,226	—	72	72
Mexico	—	—	—	—	—	4,748	22,014	557	153	710
Netherlands	—	—	—	103	—	702	702	—	23	23
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	280	280	—	9	9
Qatar	—	—	—	556	—	556	556	—	18	18
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	37	37	—	1	1
Sweden	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	13	916	29	0	30
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	0	17	—	168	—	820	820	0	29	26
Total	20	355	—	1,776	—	21,160	68,272	1,520	683	2,202
Persian Gulf⁴	—	—	—	792	—	5,655	10,716	163	182	346

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	6,375	-	-	6,460	-	-	-	-	-	-
Algeria	-	-	-	591	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,413	-	-	3,272	-	-	-	-	-	-
Kuwait	417	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,545	-	-	2,187	-	-	-	-	-	-
United Arab Emirates	-	-	-	410	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	33,986	-	-	6,667	-	-	-	-	238	238
Argentina	-	-	-	-	-	-	-	-	15	15
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	509	-	-	-	-	-	-	-	42	42
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	14,590	-	-	487	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,612	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	1,145	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	131	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	1,054	-	-	-	-	-	-
Mexico	12,324	-	-	2,580	-	-	-	-	-	-
Netherlands	-	-	-	372	-	-	-	-	36	36
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	185	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	333	-	-	-	-	70	70
Sweden	-	-	-	88	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	549	-	-	-	-	-	-	-	-	-
United Kingdom	400	-	-	13	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	2	-	-	279	-	-	-	-	75	75
Total	40,361	-	-	13,127	-	-	-	-	238	238
Persian Gulf⁴	6,375	-	-	5,869	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	181	-	-	-	-	-	-	-	-	18
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	-	109	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	72	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	18
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-	-	0
Total	-	181	-	-	-	-	-	-	-	-	18
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	—	—	30	30	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	30	30	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	1	124	—	—	3,640	3,640	36	31
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	1,012	1,012	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	121	121	—	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	114	114	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Germany	—	1	—	—	—	39	39	14	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	124	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	126	126	—	—
Mexico	—	—	—	—	—	1,957	1,957	15	31
Netherlands	—	—	—	—	—	234	234	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	32	32	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	4	4	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	0	—	—	1	1	7	0
Total	—	1	124	—	—	3,670	3,670	36	31
Persian Gulf⁴	—	—	—	—	—	30	30	—	—

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	35	—	6,525	12,900	213	218	430
Algeria	—	—	—	—	—	591	591	—	20	20
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	3,302	4,715	47	110	157
Kuwait	—	—	—	—	—	—	417	14	—	14
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	35	—	2,222	6,767	152	74	226
United Arab Emirates	—	—	—	—	—	410	410	—	14	14
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	42	—	—	591	—	11,569	45,555	1,133	386	1,519
Argentina	—	—	—	4	—	19	19	—	1	1
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	22	—	22	22	—	1	1
Belgium	—	—	—	2	—	2	2	—	0	0
Brazil	—	—	—	—	—	1,054	1,563	17	35	52
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	608	15,198	486	20	507
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	114	5,726	187	4	191
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	1,145	1,145	—	38	38
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	—	—	—	6	—	6	6	—	0	0
Germany	—	—	—	5	—	299	299	—	10	10
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	1	1	—	0	0
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	12	—	84	84	—	3	3
Korea, South	—	—	—	1	—	125	125	—	4	4
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	22	—	—	—	—	1,202	1,202	—	40	40
Mexico	—	—	—	—	—	4,583	16,907	411	153	564
Netherlands	—	—	—	81	—	741	741	—	25	25
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	185	185	—	6	6
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	370	—	370	370	—	12	12
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	403	403	—	13	13
Sweden	—	—	—	—	—	120	120	—	4	4
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	549	18	—	18
United Kingdom	12	—	—	52	—	81	481	13	3	16
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	8	—	—	35	—	405	407	1	14	14
Total	42	—	—	626	—	18,094	58,455	1,345	603	1,949
Persian Gulf⁴	—	—	—	427	—	6,326	12,701	213	211	423

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	7,995	-	-	4,690	-	-	-	-	-	-
Algeria	-	-	-	593	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,163	-	-	1,530	-	-	-	-	-	-
Kuwait	709	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	6,123	-	-	2,567	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	36,625	-	-	6,613	-	-	-	-	127	127
Argentina	-	-	-	-	-	-	-	-	24	24
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	411	-	-	-	-	-	-
Brazil	512	-	-	401	-	-	-	-	30	30
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	13,889	-	-	331	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,687	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	908	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	212	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	35	35
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	1,118	-	-	-	-	-	-
Mexico	15,101	-	-	2,774	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	38	38
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	98	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,034	-	-	-	-	-	-	-	-	-
United Kingdom	401	-	-	241	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,001	-	-	119	-	-	-	-	0	0
Total	44,620	-	-	11,303	-	-	-	-	127	127
Persian Gulf⁴	7,995	-	-	4,097	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	173	-	52	57	-	-	-	57	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	57	-	-	-	57	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	52	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	145	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	28	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	0	-	-	-	0	-	-	-
Total	-	173	-	52	57	-	-	-	57	-	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
OPEC	—	—	—	—	—	23	23	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	23	23	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	123	312	—	—	3,599	3,599	24	61
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	350	350	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	702	702	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	61	—	—	63	63	—	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	5
Germany	—	—	29	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	293	293	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	14	14	—	—
Mexico	—	—	—	—	—	2,177	2,177	24	56
Netherlands	—	—	168	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	123	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	4	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	0	50	—	—	0	0	0	0
Total	—	123	312	—	—	3,622	3,622	24	61
Persian Gulf⁴	—	123	—	—	—	23	23	—	—

See footnotes at end of table.

Table 29. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
OPEC	—	—	—	209	—	4,922	12,917	258	159	417
Algeria	—	—	—	—	—	593	593	—	19	19
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	1,553	2,716	38	50	88
Kuwait	—	—	—	—	—	—	709	23	—	23
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	2,567	8,690	198	83	280
United Arab Emirates	—	—	—	209	—	209	209	—	7	7
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	44	256	—	1,019	—	12,460	49,085	1,181	402	1,583
Argentina	—	210	—	4	—	238	238	—	8	8
Aruba	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	350	350	—	11	11
Bahrain	—	—	—	34	—	34	34	—	1	1
Belgium	—	—	—	2	—	413	413	—	13	13
Brazil	—	38	—	—	—	1,228	1,740	17	40	56
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	455	14,344	448	15	463
Chad	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	4,687	151	—	151
Denmark	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	908	908	—	29	29
Egypt	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	52	52	—	2	2
France	—	—	—	2	—	219	219	—	7	7
Germany	—	—	—	1	—	210	210	—	7	7
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	1	—	1	1	—	0	0
Indonesia	—	—	—	—	—	93	93	—	3	3
Italy	—	—	—	6	—	327	327	—	11	11
Korea, South	—	—	—	508	—	508	508	—	16	16
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	17	—	—	—	—	1,149	1,149	—	37	37
Mexico	—	—	—	—	—	5,031	20,132	487	162	649
Netherlands	—	—	—	81	—	287	287	—	9	9
Norway	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	98	98	—	3	3
Portugal	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	249	—	372	372	—	12	12
Russia	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	1	—	1	1	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	1,034	33	—	33
United Kingdom	11	8	—	—	—	264	665	13	9	21
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—
Other	16	0	—	130	—	222	1,223	32	7	41
Total	44	256	—	1,228	—	17,382	62,002	1,439	561	2,000
Persian Gulf⁴	—	—	—	492	—	4,735	12,730	258	153	411

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,208	618	-	-	-	-	-	-	3	3
Canada	9,208	618	-	-	-	-	-	-	3	3
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	9,208	618	-	-	-	-	-	-	3	3
PAD District 5										
OPEC	14,172	43	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	16	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	27	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,831	-	-	-	-	-	-	-	-	-
Kuwait	699	-	-	-	-	-	-	-	-	-
Libya	998	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,718	-	-	-	-	-	-	-	-	-
United Arab Emirates	926	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	22,076	1,447	-	783	-	947	947	-	151	151
Argentina	2,121	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	3,032	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	6,818	1,392	-	37	-	40	40	-	1	1
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,546	-	-	-	-	-	-	-	-	-
Ecuador	2,452	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	349	349	-	150	150
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,579	-	-	474	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	3,528	55	-	272	-	558	558	-	0	0
Total	36,248	1,490	-	783	-	947	947	-	151	151
Persian Gulf⁴	13,174	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	7	—	—	—	160	—	—	—	160	—	1
Canada	7	—	—	—	160	—	—	—	160	—	1
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	—	—	0	—	—	—	0	—	0
Total	7	—	—	—	160	—	—	—	160	—	1
PAD District 5											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	250	27	632	—	348	315	—	—	663	—	1
Argentina	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Brazil	250	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Canada	—	25	—	—	308	—	—	—	308	—	1
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	2	—	—	40	315	—	—	355	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	632	—	0	0	—	—	0	—	0
Total	250	27	632	—	348	315	—	—	663	—	1
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	53	-	-	-	-	-	-	-
Canada	-	53	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	53	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,967	32	-	133	164	297	69	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	46	32	-	133	71	204	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	2,271	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	93	93	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	650	-	-	-	-	-	69	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	0	0	0	-
Total	-	2,967	32	-	133	164	297	69	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	--	--	55	--	--	897	10,105	297	29	326
Canada	--	--	55	--	--	897	10,105	297	29	326
Ecuador	--	--	--	--	--	--	--	--	--	--
Other	--	--	0	--	--	0	0	0	0	0
Total	--	--	55	--	--	897	10,105	297	29	326
PAD District 5										
OPEC	--	--	--	--	--	43	14,215	457	1	459
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	16	16	--	1	1
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	27	27	--	1	1
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	6,831	220	--	220
Kuwait	--	--	--	--	--	--	699	23	--	23
Libya	--	--	--	--	--	--	998	32	--	32
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	4,718	152	--	152
United Arab Emirates	--	--	--	--	--	--	926	30	--	30
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	44	--	23	110	--	8,443	30,519	712	272	984
Argentina	--	--	--	--	--	--	2,121	68	--	68
Australia	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	250	3,282	98	8	106
Brunei	--	--	--	--	--	--	--	--	--	--
Canada	--	--	23	3	--	2,112	8,930	220	68	288
China	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	2,546	82	--	82
Ecuador	--	--	--	--	--	--	2,452	79	--	79
Finland	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	--	--	--	--
Japan	25	--	--	--	--	25	25	--	1	1
Korea, South	--	--	--	23	--	3,150	3,150	--	102	102
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	567	2,146	51	18	69
Netherlands	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Papua New Guinea	--	--	--	--	--	--	--	--	--	--
Peru	--	--	--	--	--	--	--	--	--	--
Singapore	--	--	--	--	--	632	632	--	20	20
Sweden	--	--	--	--	--	--	--	--	--	--
Taiwan	19	--	--	--	--	738	738	--	24	24
United Kingdom	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Other	0	--	0	84	--	969	4,497	114	31	145
Total	44	--	23	110	--	8,486	44,734	1,169	274	1,443
Persian Gulf⁴	--	--	--	84	--	84	13,258	425	3	428

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,105	545	-	-	-	-	-	-	19	19
Canada	8,105	545	-	-	-	-	-	-	19	19
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,105	545	-	-	-	-	-	-	19	19
PAD District 5										
OPEC	11,197	-	-	300	-	-	-	-	-	-
Algeria	-	-	-	300	-	-	-	-	-	-
Angola	909	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,586	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,702	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	20,618	1,359	-	522	-	727	727	-	557	557
Argentina	559	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	3,821	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	6,327	1,335	-	-	-	24	24	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,803	-	-	-	-	-	-	-	-	-
Ecuador	3,435	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	136	136
Korea, South	-	-	-	-	-	703	703	-	7	7
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	375	-	-	522	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	3,298	24	-	0	-	0	0	-	414	414
Total	31,815	1,359	-	822	-	727	727	-	557	557
Persian Gulf⁴	10,288	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1	-	-	176	-	-	-	176	-	-
Canada	-	1	-	-	176	-	-	-	176	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	1	-	-	176	-	-	-	176	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	36	359	-	505	-	-	-	505	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	36	-	-	460	-	-	-	460	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	45	-	-	-	45	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	359	-	0	-	-	-	0	-	-
Total	-	36	359	-	505	-	-	-	505	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	7	-	-	-	16	16	-	-
Canada	-	7	-	-	-	16	16	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	0	0	-	-
Total	-	7	-	-	-	16	16	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,145	36	-	70	107	177	-	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	45	36	-	70	107	177	-	-
China	-	316	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	1,729	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	55	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	0	0	-	-
Total	-	2,145	36	-	70	107	177	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, February 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	104	—	—	868	8,973	289	31	320
Canada	—	—	104	—	—	868	8,973	289	31	320
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	104	—	—	868	8,973	289	31	320
PAD District 5										
OPEC	—	—	—	—	—	300	11,497	400	11	411
Algeria	—	—	—	—	—	300	300	—	11	11
Angola	—	—	—	—	—	—	909	32	—	32
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	6,586	235	—	235
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	3,702	132	—	132
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	34	—	7	5	—	6,469	27,087	736	231	967
Argentina	—	—	—	—	—	—	559	20	—	20
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	3,821	136	—	136
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	7	5	—	2,125	8,452	226	76	302
China	23	—	—	—	—	339	339	—	12	12
Colombia	—	—	—	—	—	—	2,803	100	—	100
Ecuador	—	—	—	—	—	—	3,435	123	—	123
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	136	136	—	5	5
Korea, South	—	—	—	—	—	2,484	2,484	—	89	89
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	522	897	13	19	32
Netherlands	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	414	414	—	15	15
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	11	—	—	—	—	11	11	—	0	0
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	—	438	3,736	118	15	133
Total	34	—	7	5	—	6,769	38,584	1,136	242	1,378
Persian Gulf⁴	—	—	—	—	—	—	10,288	367	—	367

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,816	396	-	-	-	-	-	-	36	36
Canada	9,816	396	-	-	-	-	-	-	36	36
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	9,816	396	-	-	-	-	-	-	36	36
PAD District 5										
OPEC	12,742	78	-	885	-	-	-	-	-	-
Algeria	-	-	-	885	-	-	-	-	-	-
Angola	899	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,826	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	998	-	-	-	-	-	-	-	-	-
Nigeria	-	78	-	-	-	-	-	-	-	-
Saudi Arabia	6,019	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	24,306	1,615	-	1,811	-	400	400	427	1,530	1,957
Argentina	1,461	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	3,385	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	8,409	1,591	-	-	-	171	171	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,468	-	-	-	-	-	-	-	-	-
Ecuador	3,391	-	-	605	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	320	-	-	-	-	256	256
Korea, South	-	-	-	-	-	229	229	-	251	251
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,934	-	-	288	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	427	85	512
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	50	50
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	3,258	24	-	598	-	0	0	0	888	888
Total	37,048	1,693	-	2,696	-	400	400	427	1,530	1,957
Persian Gulf⁴	10,845	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	4	-	-	114	-	-	-	114	-	1
Canada	-	4	-	-	114	-	-	-	114	-	1
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	0
Total	-	4	-	-	114	-	-	-	114	-	1
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	32	555	-	331	316	-	-	647	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	32	-	-	288	-	-	-	288	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	43	316	-	-	359	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	555	-	0	0	-	-	0	-	-
Total	-	32	555	-	331	316	-	-	647	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	38	-	-	-	-	-	-	-
Canada	-	38	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	38	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,419	16	-	94	148	242	30	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	83	16	-	94	148	242	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	2,011	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	325	-	-	-	-	-	30	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	0	0	0	-
Total	-	2,419	16	-	94	148	242	30	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, March 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	90	—	—	679	10,495	317	22	339
Canada	—	—	90	—	—	679	10,495	317	22	339
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	90	—	—	679	10,495	317	22	339
PAD District 5										
OPEC	—	—	—	—	—	963	13,705	411	31	442
Algeria	—	—	—	—	—	885	885	—	29	29
Angola	—	—	—	—	—	—	899	29	—	29
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	4,826	156	—	156
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	998	32	—	32
Nigeria	—	—	—	—	—	78	78	—	3	3
Saudi Arabia	—	—	—	—	—	—	6,019	194	—	194
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	19	—	108	1	—	9,852	34,158	784	318	1,102
Argentina	—	—	—	—	—	—	1,461	47	—	47
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	3,385	109	—	109
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	36	1	—	2,460	10,869	271	79	351
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	2,468	80	—	80
Ecuador	—	—	—	—	—	605	3,996	109	20	129
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	576	576	—	19	19
Korea, South	—	—	—	—	—	2,850	2,850	—	92	92
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	288	2,222	62	9	72
Netherlands	—	—	—	—	—	512	512	—	17	17
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	555	555	—	18	18
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	19	—	—	—	—	424	424	—	14	14
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	72	0	—	1,582	4,840	106	50	154
Total	19	—	108	1	—	10,815	47,863	1,195	349	1,544
Persian Gulf⁴	—	—	—	—	—	—	10,845	350	—	350

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7,324	276	-	37	-	19	19	-	91	91
Canada	7,324	276	-	37	-	14	14	-	91	91
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	5	5	-	0	0
Total	7,324	276	-	37	-	19	19	-	91	91
PAD District 5										
OPEC	11,567	81	-	1,152	-	310	310	259	190	449
Algeria	-	-	-	1,152	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	49	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,324	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	32	-	-	-	-	-	-	-	-
Saudi Arabia	4,511	-	-	-	-	310	310	259	190	449
United Arab Emirates	1,732	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	24,264	1,137	-	1,592	-	743	743	293	1,546	1,839
Argentina	2,491	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	3,420	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	8,229	1,137	-	116	-	166	166	-	30	30
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,042	-	-	-	-	-	-	-	-	-
Ecuador	3,952	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	219	-	-	-	-	105	105
Korea, South	-	-	-	-	-	371	371	-	464	464
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	803	-	-	637	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	247	-	247
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	73	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	410	410
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	3,254	0	-	620	-	206	206	46	537	583
Total	35,831	1,218	-	2,744	-	1,053	1,053	552	1,736	2,288
Persian Gulf⁴	11,567	-	-	-	-	317	317	265	195	460

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	4	-	-	209	-	-	-	209	-	-
Canada	-	4	-	-	209	-	-	-	209	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	4	-	-	209	-	-	-	209	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	76	392	-	684	-	1	-	685	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	76	-	-	429	-	1	-	430	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	255	-	-	-	255	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	49	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	343	-	0	-	0	-	0	-	-
Total	-	76	392	-	684	-	1	-	685	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	18	-	-	-	15	15	-	-
Canada	-	18	-	-	-	15	15	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	0	0	-	-
Total	-	18	-	-	-	15	15	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,376	27	-	697	74	771	28	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	-	27	-	-	74	74	-	-
China	-	303	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	224	-	-	-	-	-	-	-
Korea, South	-	1,761	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	88	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	28	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	697	0	697	0	-
Total	-	2,376	27	-	697	74	771	28	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, April 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	94	—	—	763	8,087	244	25	270
Canada	—	—	94	—	—	758	8,082	244	25	269
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	5	5	0	0	1
Total	—	—	94	—	—	763	8,087	244	25	270
PAD District 5										
OPEC	—	—	—	—	—	1,992	13,559	386	66	452
Algeria	—	—	—	—	—	1,152	1,152	—	38	38
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	49	49	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	5,324	177	—	177
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	32	32	—	1	1
Saudi Arabia	—	—	—	—	—	759	5,270	150	25	176
United Arab Emirates	—	—	—	—	—	—	1,732	58	—	58
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	48	—	54	12	—	9,780	34,044	809	326	1,135
Argentina	—	—	—	—	—	—	2,491	83	—	83
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	3,420	114	—	114
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	54	6	—	2,116	10,345	274	71	345
China	32	—	—	—	—	335	335	—	11	11
Colombia	—	—	—	—	—	—	2,042	68	—	68
Ecuador	—	—	—	—	—	—	3,952	132	—	132
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	548	548	—	18	18
Korea, South	—	—	—	6	—	2,857	2,857	—	95	95
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	637	1,440	27	21	48
Netherlands	—	—	—	—	—	296	296	—	10	10
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	73	2	—	2
Singapore	—	—	—	—	—	431	431	—	14	14
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	16	—	—	—	—	454	454	—	15	15
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	—	2,106	5,360	109	71	180
Total	48	—	54	12	—	11,772	47,603	1,194	392	1,587
Persian Gulf⁴	—	—	—	—	—	777	12,344	386	26	411

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	6,514	267	-	46	-	1	1	-	115	115
Canada	6,514	267	-	46	-	1	1	-	115	115
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	0	0	-	0	0
Total	6,514	267	-	46	-	1	1	-	115	115
PAD District 5										
OPEC	9,669	45	-	1,695	-	-	-	292	102	394
Algeria	-	-	-	1,186	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	45	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,006	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	2	-	2
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,663	-	-	509	-	-	-	290	102	392
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	22,333	1,151	-	801	-	1,110	1,110	18	1,814	1,832
Argentina	1,473	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	1,939	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	7,886	1,151	-	76	-	162	162	-	136	136
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,891	-	-	-	-	-	-	-	-	-
Ecuador	5,809	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	101	-	-	-	-	144	144
Korea, South	-	-	-	-	-	869	869	-	440	440
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,168	-	-	624	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	172	172
Taiwan	-	-	-	-	-	-	-	-	25	25
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	2,167	0	-	0	-	79	79	18	897	915
Total	32,002	1,196	-	2,496	-	1,110	1,110	310	1,916	2,226
Persian Gulf⁴	9,669	-	-	509	-	-	-	294	102	396

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	37	-	-	267	-	-	-	267	-	-
Canada	-	37	-	-	267	-	-	-	267	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	37	-	-	267	-	-	-	267	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	250	64	649	-	773	315	-	-	1,088	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	250	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	64	-	-	607	-	-	-	607	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	166	315	-	-	481	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	649	-	0	0	-	-	0	-	-
Total	250	64	649	-	773	315	-	-	1,088	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	58	-	-	-	-	-	-	-
Canada	-	58	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	-	-	-	-
Total	-	58	-	-	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	35	35	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	35	35	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3,191	19	-	-	114	114	35	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	35	19	-	-	114	114	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	854	-	-	-	-	-	-	-
Korea, South	-	1,979	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	35	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	323	0	-	-	0	0	0	-
Total	-	3,191	19	-	-	149	149	35	-
Persian Gulf⁴	-	-	-	-	-	35	35	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, May 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	73	—	—	864	7,378	210	28	238
Canada	—	—	73	—	—	864	7,378	210	28	238
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	73	—	—	864	7,378	210	28	238
PAD District 5										
OPEC	—	—	—	—	—	2,169	11,838	312	70	382
Algeria	—	—	—	—	—	1,186	1,186	—	38	38
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	45	45	—	1	1
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	35	6,041	194	1	195
Kuwait	—	—	—	—	—	2	2	—	0	0
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	901	4,564	118	29	147
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	25	—	76	47	—	10,452	32,785	720	337	1,058
Argentina	—	—	—	—	—	—	1,473	48	—	48
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	250	2,189	63	8	71
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	76	4	—	2,444	10,330	254	79	333
China	1	—	—	—	—	1	1	—	0	0
Colombia	—	—	—	—	—	—	1,891	61	—	61
Ecuador	—	—	—	—	—	—	5,809	187	—	187
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	1,099	1,099	—	35	35
Korea, South	—	—	—	10	—	3,779	3,779	—	122	122
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	624	1,792	38	20	58
Netherlands	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	649	649	—	21	21
Sweden	—	—	—	—	—	172	172	—	6	6
Taiwan	24	—	—	—	—	84	84	—	3	3
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	33	—	1,350	3,517	69	43	113
Total	25	—	76	47	—	12,621	44,623	1,032	407	1,439
Persian Gulf⁴	—	—	—	33	—	973	10,642	312	31	343

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	262	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	262	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	7,952	262	-	-	-	-	-	-	73	73
Canada	7,952	262	-	-	-	-	-	-	73	73
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	-	-	-	-	0	0
Total	7,952	262	-	262	-	-	-	-	73	73
PAD District 5										
OPEC	13,073	49	-	1,481	-	68	68	-	212	212
Algeria	-	-	-	1,180	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	49	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,348	-	-	-	-	-	-	-	-	-
Kuwait	775	-	-	-	-	-	-	-	-	-
Libya	1,048	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	5,902	-	-	301	-	68	68	-	212	212
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	26,069	1,188	-	519	-	530	530	-	249	249
Argentina	1,393	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	4,583	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	10,410	1,140	-	-	-	103	103	-	54	54
China	-	-	-	-	-	-	-	-	-	-
Colombia	719	-	-	199	-	-	-	-	-	-
Ecuador	3,942	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	242	242	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	2,074	-	-	320	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	17	17
United Kingdom	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	2,948	48	-	0	-	185	185	-	178	178
Total	39,142	1,237	-	2,000	-	598	598	-	461	461
Persian Gulf⁴	12,025	-	-	301	-	69	69	-	215	215

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	5	—	—	235	—	3	—	238	—	1
Canada	—	5	—	—	235	—	3	—	238	—	1
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	—	—	0	—	0	—	0	—	0
Total	—	5	—	—	235	—	3	—	238	—	1
PAD District 5											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	182	536	—	452	—	—	190	642	18	8
Argentina	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Canada	—	74	—	—	352	—	—	—	352	—	1
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	190	190	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	100	—	—	—	100	—	—
Korea, South	—	108	—	—	—	—	—	—	—	18	7
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	536	—	0	—	—	0	0	0	0
Total	—	182	536	—	452	—	—	190	642	18	8
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	45	-	-	-	10	10	-	-
Canada	-	45	-	-	-	10	10	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	0	0	-	-
Total	-	45	-	-	-	10	10	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3,392	22	-	38	74	112	48	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	41	22	-	38	74	112	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	973	-	-	-	-	-	-	-
Korea, South	-	1,966	-	-	-	-	-	13	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	83	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	35	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	329	0	-	0	0	0	0	-
Total	-	3,392	22	-	38	74	112	48	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	262	262	—	9	9
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	262	262	—	9	9
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	83	—	—	717	8,669	265	24	289
Canada	—	—	83	—	—	717	8,669	265	24	289
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	83	—	—	979	8,931	265	33	298
PAD District 5										
OPEC	—	—	—	—	—	1,810	14,883	436	60	496
Algeria	—	—	—	—	—	1,180	1,180	—	39	39
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	49	49	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	5,348	178	—	178
Kuwait	—	—	—	—	—	—	775	26	—	26
Libya	—	—	—	—	—	—	1,048	35	—	35
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	581	6,483	197	19	216
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	52	—	61	6	—	7,565	33,634	869	252	1,121
Argentina	—	—	—	—	—	—	1,393	46	—	46
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	4,583	153	—	153
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	61	6	—	1,966	12,376	347	66	413
China	16	—	—	—	—	16	16	—	1	1
Colombia	—	—	—	—	—	199	918	24	7	31
Ecuador	—	—	—	—	—	190	4,132	131	6	138
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	12	—	—	—	—	1,085	1,085	—	36	36
Korea, South	—	—	—	—	—	2,354	2,354	—	78	78
Malaysia	1	—	—	—	—	1	1	—	0	0
Mexico	—	—	—	—	—	320	2,394	69	11	80
Netherlands	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	619	619	—	21	21
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	23	—	—	—	—	75	75	—	3	3
United Kingdom	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	—	740	3,688	99	23	121
Total	52	—	61	6	—	9,375	48,517	1,305	313	1,617
Persian Gulf⁴	—	—	—	—	—	585	12,610	401	20	420

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,273	299	-	-	-	-	-	-	103	103
Canada	9,273	299	-	-	-	-	-	-	103	103
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	9,273	299	-	-	-	-	-	-	103	103
PAD District 5										
OPEC	12,983	53	-	1,822	-	-	-	-	282	282
Algeria	-	-	-	1,620	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	53	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	7,208	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,028	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,750	-	-	202	-	-	-	-	282	282
United Arab Emirates	997	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	25,290	1,170	-	695	-	696	696	-	811	811
Argentina	1,770	-	-	-	-	-	-	-	-	-
Australia	700	-	-	-	-	-	-	-	-	-
Brazil	5,131	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	8,703	1,164	-	393	-	77	77	-	30	30
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,423	-	-	-	-	-	-	-	-	-
Ecuador	3,866	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	317	317	-	-	-
Korea, South	-	-	-	-	-	302	302	-	210	210
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,172	-	-	302	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	399	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	249	249
United Kingdom	-	-	-	-	-	-	-	-	295	295
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	2,126	6	-	0	-	0	0	-	27	27
Total	38,273	1,223	-	2,517	-	696	696	-	1,093	1,093
Persian Gulf⁴	11,955	-	-	202	-	-	-	-	286	286

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	4	-	-	204	-	-	-	204	-	-
Canada	-	4	-	-	204	-	-	-	204	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	4	-	-	204	-	-	-	204	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	167	593	-	639	-	-	-	639	-	7
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	124	-	-	594	-	-	-	594	-	1
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	43	-	-	45	-	-	-	45	-	6
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	593	-	0	-	-	-	0	-	0
Total	-	167	593	-	639	-	-	-	639	-	7
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	65	-	-	-	6	6	-	-
Canada	-	65	-	-	-	6	6	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	0	0	-	-
Total	-	65	-	-	-	6	6	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3,593	26	-	39	265	304	-	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	12	26	-	39	75	114	-	-
China	-	314	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	849	-	-	-	-	-	-	-
Korea, South	-	2,134	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	284	0	-	0	190	190	-	-
Total	-	3,593	26	-	39	265	304	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, July 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	75	—	—	756	10,029	299	24	324
Canada	—	—	75	—	—	756	10,029	299	24	324
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	75	—	—	756	10,029	299	24	324
PAD District 5										
OPEC	—	—	—	—	—	2,157	15,140	419	70	488
Algeria	—	—	—	—	—	1,620	1,620	—	52	52
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	53	53	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	7,208	233	—	233
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,028	33	—	33
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	484	4,234	121	16	137
United Arab Emirates	—	—	—	—	—	—	997	32	—	32
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	4	—	70	71	—	8,846	34,136	816	285	1,101
Argentina	—	—	—	—	—	—	1,770	57	—	57
Australia	—	—	—	—	—	—	700	23	—	23
Brazil	—	—	—	—	—	—	5,131	166	—	166
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	70	6	—	2,611	11,314	281	84	365
China	—	—	—	—	—	314	314	—	10	10
Colombia	—	—	—	—	—	—	1,423	46	—	46
Ecuador	—	—	—	—	—	—	3,866	125	—	125
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	1,166	1,166	—	38	38
Korea, South	—	—	—	22	—	2,762	2,762	—	89	89
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	302	1,474	38	10	48
Netherlands	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	399	13	—	13
Singapore	—	—	—	—	—	593	593	—	19	19
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	4	—	—	—	—	253	253	—	8	8
United Kingdom	—	—	—	—	—	295	295	—	10	10
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	43	—	550	2,676	67	17	84
Total	4	—	70	71	—	11,003	49,276	1,235	355	1,590
Persian Gulf⁴	—	—	—	43	—	531	12,486	386	17	403

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,585	301	-	-	-	-	-	-	12	12
Canada	8,585	301	-	-	-	-	-	-	12	12
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,585	301	-	-	-	-	-	-	12	12
PAD District 5										
OPEC	8,481	65	-	1,414	-	-	-	-	-	-
Algeria	-	-	-	913	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	65	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,117	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	600	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,031	-	-	501	-	-	-	-	-	-
United Arab Emirates	733	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	27,280	1,397	-	496	-	413	413	-	46	46
Argentina	948	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	4,004	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	7,113	1,397	-	-	-	174	174	-	46	46
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,499	-	-	-	-	-	-	-	-	-
Ecuador	5,446	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	549	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	239	239	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	2,147	-	-	319	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	321	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	499	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	4,754	0	-	177	-	0	0	-	0	0
Total	35,761	1,462	-	1,910	-	413	413	-	46	46
Persian Gulf⁴	7,881	-	-	501	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	6	—	—	104	—	—	—	104	—	—
Canada	—	6	—	—	104	—	—	—	104	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	—	—	0	—	—	—	0	—	—
Total	—	6	—	—	104	—	—	—	104	—	—
PAD District 5											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	445	41	421	12	974	314	—	—	1,288	—	1
Argentina	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Brazil	445	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Canada	—	41	—	—	520	—	—	—	520	—	1
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	10	—	—	—	—	—	—	—
Korea, South	—	—	—	—	454	314	—	—	768	—	—
Malaysia	—	—	—	1	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	421	1	0	0	—	—	0	—	0
Total	445	41	421	12	974	314	—	—	1,288	—	1
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	20	-	-	-	17	17	-	-
Canada	-	20	-	-	-	17	17	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	0	0	-	-
Total	-	20	-	-	-	17	17	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,102	29	-	43	75	118	70	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	41	29	-	43	75	118	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	850	-	-	-	-	-	-	-
Korea, South	-	1,211	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	70	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	0	0	0	-
Total	-	2,102	29	-	43	75	118	70	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, August 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	53	—	—	513	9,098	277	17	293
Canada	—	—	53	—	—	513	9,098	277	17	293
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	53	—	—	513	9,098	277	17	293
PAD District 5										
OPEC	—	—	—	—	—	1,479	9,960	274	48	321
Algeria	—	—	—	—	—	913	913	—	29	29
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	65	65	—	2	2
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	4,117	133	—	133
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	600	19	—	19
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	501	3,532	98	16	114
United Arab Emirates	—	—	—	—	—	—	733	24	—	24
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	25	—	142	5	—	7,051	34,331	880	227	1,107
Argentina	—	—	—	—	—	—	948	31	—	31
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	445	4,449	129	14	144
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	71	4	—	2,442	9,555	229	79	308
China	23	—	—	—	—	23	23	—	1	1
Colombia	—	—	—	—	—	—	1,499	48	—	48
Ecuador	—	—	—	—	—	—	5,446	176	—	176
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	549	18	—	18
Japan	—	—	—	1	—	861	861	—	28	28
Korea, South	—	—	—	—	—	2,218	2,218	—	72	72
Malaysia	—	—	—	—	—	1	1	—	0	0
Mexico	—	—	—	—	—	319	2,466	69	10	80
Netherlands	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	321	10	—	10
Singapore	—	—	—	—	—	422	422	—	14	14
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	2	—	—	—	—	72	72	—	2	2
United Kingdom	—	—	—	—	—	—	499	16	—	16
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	71	0	—	248	5,002	154	7	159
Total	25	—	142	5	—	8,530	44,291	1,154	275	1,429
Persian Gulf⁴	—	—	—	—	—	501	8,382	254	16	270

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

4 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,513	317	-	-	-	-	-	-	49	49
Canada	8,513	317	-	-	-	-	-	-	49	49
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,513	317	-	-	-	-	-	-	49	49
PAD District 5										
OPEC	10,366	-	-	612	-	-	-	-	-	-
Algeria	-	-	-	612	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,474	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	400	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,527	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	27,781	1,206	-	423	-	553	553	-	665	665
Argentina	1,321	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	5,074	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	8,038	1,150	-	76	-	194	194	-	41	41
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,504	-	-	-	-	-	-	-	-	-
Ecuador	7,077	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	635	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	229	229
Korea, South	-	-	-	-	-	359	359	-	71	71
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,645	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	324	324
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	2,487	56	-	347	-	0	0	-	0	0
Total	38,147	1,206	-	1,035	-	553	553	-	665	665
Persian Gulf⁴	9,001	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	17	—	—	50	—	—	—	50	—	2
Canada	—	17	—	—	50	—	—	—	50	—	2
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	—	—	0	—	—	—	0	—	0
Total	—	17	—	—	50	—	—	—	50	—	2
PAD District 5											
OPEC	—	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	74	304	—	646	—	—	—	646	—	2
Argentina	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Canada	—	45	—	—	646	—	—	—	646	—	2
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	29	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Other	—	0	304	—	0	—	—	—	0	—	0
Total	—	74	304	—	646	—	—	—	646	—	2
Persian Gulf⁴	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	7	-	-	-	1	1	-	-
Canada	-	7	-	-	-	1	1	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	-	0	0	-	-
Total	-	7	-	-	-	1	1	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,247	36	-	34	37	71	-	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	12	36	-	34	37	71	-	-
China	-	300	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	1,195	-	-	-	-	-	-	-
Korea, South	-	679	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	61	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	0	0	-	-
Total	-	2,247	36	-	34	37	71	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, September 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	--	--	--	--	--	--	--	--	--	--
Algeria	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	--	--	50	--	--	493	9,006	284	16	300
Canada	--	--	50	--	--	493	9,006	284	16	300
Ecuador	--	--	--	--	--	--	--	--	--	--
Other	--	--	0	--	--	0	0	0	0	0
Total	--	--	50	--	--	493	9,006	284	16	300
PAD District 5										
OPEC	--	--	--	--	--	612	10,978	346	20	366
Algeria	--	--	--	--	--	612	612	--	20	20
Angola	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	4,474	149	--	149
Kuwait	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	400	13	--	13
Nigeria	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	4,527	151	--	151
United Arab Emirates	--	--	--	--	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Non-OPEC	7	--	41	6	--	6,281	34,062	926	209	1,135
Argentina	--	--	--	--	--	--	1,321	44	--	44
Australia	--	--	--	--	--	--	--	--	--	--
Brazil	--	--	--	--	--	--	5,074	169	--	169
Brunei	--	--	--	--	--	--	--	--	--	--
Canada	--	--	41	6	--	2,320	10,358	268	77	345
China	--	--	--	--	--	300	300	--	10	10
Colombia	--	--	--	--	--	--	1,504	50	--	50
Ecuador	--	--	--	--	--	--	7,077	236	--	236
Finland	--	--	--	--	--	--	--	--	--	--
Germany	--	--	--	--	--	--	--	--	--	--
Indonesia	--	--	--	--	--	--	635	21	--	21
Japan	--	--	--	--	--	1,424	1,424	--	47	47
Korea, South	--	--	--	--	--	1,138	1,138	--	38	38
Malaysia	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	--	--	--	--	1,645	55	--	55
Netherlands	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--
Papua New Guinea	--	--	--	--	--	--	--	--	--	--
Peru	--	--	--	--	--	--	--	--	--	--
Singapore	--	--	--	--	--	365	365	--	12	12
Sweden	--	--	--	--	--	--	--	--	--	--
Taiwan	7	--	--	--	--	7	7	--	0	0
United Kingdom	--	--	--	--	--	324	324	--	11	11
Virgin Islands, U.S.	--	--	--	--	--	--	--	--	--	--
Other	0	--	0	0	--	403	2,890	83	14	97
Total	7	--	41	6	--	6,893	45,040	1,272	230	1,501
Persian Gulf⁴	--	--	--	--	--	--	9,001	300	--	300

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,137	368	-	-	-	-	-	-	23	23
Canada	9,137	368	-	-	-	-	-	-	23	23
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	9,137	368	-	-	-	-	-	-	23	23
PAD District 5										
OPEC	12,356	-	-	1,187	-	-	-	-	-	-
Algeria	-	-	-	1,187	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,517	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,285	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	6,554	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	25,646	1,471	-	765	-	1,182	1,182	326	1,454	1,780
Argentina	2,390	55	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	5,619	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	7,526	1,358	-	-	-	104	104	-	26	26
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,105	-	-	-	-	-	-	-	-	-
Ecuador	3,494	-	-	322	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	140	140
Korea, South	-	-	-	-	-	679	679	-	12	12
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	640	-	-	316	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	326	-	326
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	298	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	208	208	-	98	98
United Kingdom	-	-	-	-	-	-	-	-	309	309
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	3,574	58	-	127	-	191	191	0	869	869
Total	38,002	1,471	-	1,952	-	1,182	1,182	326	1,454	1,780
Persian Gulf⁴	11,071	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	10	-	-	26	-	-	-	26	-	-
Canada	-	10	-	-	26	-	-	-	26	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	10	-	-	26	-	-	-	26	-	-
PAD District 5											
OPEC	-	-	10	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	10	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	114	441	-	541	-	-	-	541	-	2
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	114	-	-	217	-	-	-	217	-	2
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	299	-	-	-	299	-	-
Korea, South	-	-	-	-	25	-	-	-	25	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	45	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	396	-	0	-	-	-	0	-	0
Total	-	114	451	-	541	-	-	-	541	-	2
Persian Gulf⁴	-	-	10	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	10	10	-	-
Canada	-	-	-	-	-	10	10	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	0	0	-	-
Total	-	-	-	-	-	10	10	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,322	28	-	597	149	746	-	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	44	28	-	36	149	185	-	-
China	-	235	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	562	-	-	-	-	-	-	-
Korea, South	-	1,156	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	325	0	-	561	0	561	-	-
Total	-	2,322	28	-	597	149	746	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, October 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	75	—	—	512	9,649	295	17	311
Canada	—	—	75	—	—	512	9,649	295	17	311
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	75	—	—	512	9,649	295	17	311
PAD District 5										
OPEC	—	—	—	—	—	1,197	13,553	399	39	437
Algeria	—	—	—	—	—	1,187	1,187	—	38	38
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	4,517	146	—	146
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	1,285	41	—	41
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	6,554	211	—	211
United Arab Emirates	—	—	—	—	—	10	10	—	0	0
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	69	—	31	26	—	9,518	35,164	827	307	1,134
Argentina	—	—	—	—	—	55	2,445	77	2	79
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	5,619	181	—	181
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	31	3	—	2,112	9,638	243	68	311
China	47	—	—	—	—	282	282	—	9	9
Colombia	—	—	—	—	—	—	2,105	68	—	68
Ecuador	—	—	—	—	—	322	3,816	113	10	123
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	19	—	—	—	—	1,020	1,020	—	33	33
Korea, South	—	—	—	23	—	1,895	1,895	—	61	61
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	316	956	21	10	31
Netherlands	—	—	—	—	—	371	371	—	12	12
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	298	10	—	10
Singapore	—	—	—	—	—	396	396	—	13	13
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	3	—	—	—	—	309	309	—	10	10
United Kingdom	—	—	—	—	—	309	309	—	10	10
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	0	—	2,131	5,705	114	69	183
Total	69	—	31	26	—	10,715	48,717	1,226	346	1,572
Persian Gulf⁴	—	—	—	—	—	10	11,081	357	0	357

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,212	526	-	-	-	-	-	-	8	8
Canada	8,212	526	-	-	-	-	-	-	8	8
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,212	526	-	-	-	-	-	-	8	8
PAD District 5										
OPEC	13,659	-	-	696	-	-	-	-	-	-
Algeria	-	-	-	696	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	6,532	-	-	-	-	-	-	-	-	-
Kuwait	749	-	-	-	-	-	-	-	-	-
Libya	1,044	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	5,334	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	27,069	1,570	-	831	-	521	521	-	547	547
Argentina	2,533	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	5,017	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	8,169	1,519	-	59	-	124	124	-	22	22
China	-	-	-	-	-	-	-	-	-	-
Colombia	548	-	-	-	-	-	-	-	-	-
Ecuador	4,773	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	60	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	157	157	-	182	182
Korea, South	-	-	-	-	-	240	240	-	343	343
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	1,403	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	299	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	160	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	4,327	51	-	552	-	0	0	-	0	0
Total	40,728	1,570	-	1,527	-	521	521	-	547	547
Persian Gulf⁴	12,615	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	7	-	-	48	-	-	-	48	-	-
Canada	-	7	-	-	48	-	-	-	48	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	-
Total	-	7	-	-	48	-	-	-	48	-	-
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	249	77	692	-	440	-	-	-	440	-	1
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	249	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	77	-	-	388	-	-	-	388	-	1
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	52	-	-	-	52	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	692	-	0	-	-	-	0	-	0
Total	249	77	692	-	440	-	-	-	440	-	1
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	5	5	-	-
Canada	-	-	-	-	-	5	5	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	0	0	-	-
Total	-	-	-	-	-	5	5	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,577	39	-	78	151	229	69	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	35	39	-	78	151	229	-	-
China	-	309	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	2,233	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	69	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	0	-	0	0	0	0	-
Total	-	2,577	39	-	78	151	229	69	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	93	—	—	687	8,899	274	23	297
Canada	—	—	93	—	—	687	8,899	274	23	297
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	93	—	—	687	8,899	274	23	297
PAD District 5										
OPEC	—	—	—	—	—	696	14,355	455	23	479
Algeria	—	—	—	—	—	696	696	—	23	23
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	6,532	218	—	218
Kuwait	—	—	—	—	—	—	749	25	—	25
Libya	—	—	—	—	—	—	1,044	35	—	35
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	5,334	178	—	178
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	11	—	138	3	—	7,994	35,063	902	266	1,169
Argentina	—	—	—	—	—	—	2,533	84	—	84
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	249	5,266	167	8	176
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	67	3	—	2,563	10,732	272	85	358
China	—	—	—	—	—	309	309	—	10	10
Colombia	—	—	—	—	—	—	548	18	—	18
Ecuador	—	—	—	—	—	—	4,773	159	—	159
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	60	60	—	2	2
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	339	339	—	11	11
Korea, South	—	—	—	—	—	2,868	2,868	—	96	96
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	1,403	47	—	47
Netherlands	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	299	10	—	10
Singapore	—	—	—	—	—	692	692	—	23	23
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	11	—	—	—	—	80	80	—	3	3
United Kingdom	—	—	—	—	—	160	160	—	5	5
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	71	0	—	674	5,001	145	23	167
Total	11	—	138	3	—	8,690	49,418	1,358	290	1,647
Persian Gulf⁴	—	—	—	—	—	—	12,615	421	—	421

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	8,756	958	-	-	-	-	-	-	33	33
Canada	8,756	958	-	-	-	-	-	-	33	33
Ecuador	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	8,756	958	-	-	-	-	-	-	33	33
PAD District 5										
OPEC	15,361	-	-	578	-	-	-	-	-	-
Algeria	-	-	-	578	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	7,389	-	-	-	-	-	-	-	-	-
Kuwait	762	-	-	-	-	-	-	-	-	-
Libya	1,034	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	6,176	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	22,662	1,630	-	1,183	-	491	491	-	629	629
Argentina	1,396	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	4,067	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	7,580	1,575	-	40	-	191	191	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,964	-	-	-	-	-	-	-	-	-
Ecuador	4,337	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	28	28
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	300	300
Korea, South	-	-	-	-	-	300	300	-	150	150
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	760	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	52	52
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	70	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	67	-	-	-	-	70	70
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	2,558	55	-	656	-	0	0	-	29	29
Total	38,023	1,630	-	1,761	-	491	491	-	629	629
Persian Gulf⁴	14,327	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel	Other Biofuels ³	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	10	-	-	28	-	-	-	28	-	1
Canada	-	10	-	-	28	-	-	-	28	-	1
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	-	-	0	-	0
Total	-	10	-	-	28	-	-	-	28	-	1
PAD District 5											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	180	670	-	171	-	-	-	171	-	2
Argentina	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	64	-	-	171	-	-	-	171	-	2
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	116	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	0	670	-	0	-	-	-	0	-	0
Total	-	180	670	-	171	-	-	-	171	-	2
Persian Gulf⁴	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil				Petrochemical Feedstocks	
				Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total	Naphtha	Other Oils
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	3	-	-	10	10	-	-
Canada	-	-	3	-	-	10	10	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	-	0	0	-	-
Total	-	-	3	-	-	10	10	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	2,417	23	-	38	74	112	-	-
Argentina	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	34	23	-	38	74	112	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	2,085	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	298	0	-	0	0	0	-	-
Total	-	2,417	23	-	38	74	112	-	-
Persian Gulf⁴	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, December 2022
(Thousand Barrels) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
PAD District 4										
OPEC	—	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	105	—	—	1,148	9,904	282	37	319
Canada	—	—	105	—	—	1,148	9,904	282	37	319
Ecuador	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	—	—	0	0	0	0	0
Total	—	—	105	—	—	1,148	9,904	282	37	319
PAD District 5										
OPEC	—	—	—	—	—	578	15,939	496	19	514
Algeria	—	—	—	—	—	578	578	—	19	19
Angola	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	7,389	238	—	238
Kuwait	—	—	—	—	—	—	762	25	—	25
Libya	—	—	—	—	—	—	1,034	33	—	33
Nigeria	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	6,176	199	—	199
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—
Non-OPEC	13	—	64	59	—	7,644	30,306	731	247	978
Argentina	—	—	—	—	—	—	1,396	45	—	45
Australia	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	4,067	131	—	131
Brunei	—	—	—	—	—	—	—	—	—	—
Canada	—	—	64	2	—	2,278	9,858	245	73	318
China	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	1,964	63	—	63
Ecuador	—	—	—	—	—	—	4,337	140	—	140
Finland	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	28	28	—	1	1
Indonesia	—	—	—	—	—	—	—	—	—	—
Japan	—	—	—	—	—	300	300	—	10	10
Korea, South	—	—	—	—	—	2,651	2,651	—	86	86
Malaysia	—	—	—	—	—	350	350	—	11	11
Mexico	—	—	—	—	—	—	760	25	—	25
Netherlands	—	—	—	—	—	52	52	—	2	2
Oman	—	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	740	740	—	24	24
Sweden	—	—	—	—	—	—	—	—	—	—
Taiwan	13	—	—	—	—	13	13	—	0	0
United Kingdom	—	—	—	—	—	137	137	—	4	4
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—
Other	0	—	0	57	—	1,095	3,653	82	36	118
Total	13	—	64	59	—	8,222	46,245	1,227	265	1,492
Persian Gulf⁴	—	—	—	57	—	57	14,384	462	2	464

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, January 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1,721	1,160	101,086	–	–	103,967	3,354
Hydrocarbon Gas Liquids	5,934	8,102	55,267	53	919	70,275	2,267
Natural Gas Liquids	5,934	8,102	55,267	53	919	70,275	2,267
Ethane	2,049	2,523	7,060	1	0	11,633	375
Propane	3,335	134	39,664	1	551	43,685	1,409
Normal Butane	445	43	8,120	0	355	8,963	289
Isobutane	1	1	118	–	1	121	4
Natural Gasoline	104	5,401	306	52	11	5,873	189
Other Liquids	202	2,487	13,297	0	221	16,206	523
Hydrogen/Biofuels/Other Hydrocarbons	105	709	1,794	–	169	2,777	90
Hydrogen	–	–	–	–	–	–	–
Biofuels	105	709	1,794	–	169	2,777	90
Fuel Ethanol	102	645	1,681	–	140	2,568	83
Biodiesel	3	64	113	–	29	209	7
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	20	1,768	8,960	0	27	10,776	348
Naphthas and Lighter	10	1,757	8,605	0	0	10,373	335
Kerosene and Light Gas Oils	10	11	355	0	27	403	13
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	77	10	2,543	–	24	2,654	86
Reformulated	1	–	0	–	1	3	0
Conventional	76	10	2,542	–	23	2,651	86
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,560	776	70,126	11	6,461	78,935	2,546
Finished Motor Gasoline	40	277	21,656	1	683	22,657	731
Reformulated	–	–	–	–	–	–	–
Conventional	40	277	21,656	1	683	22,657	731
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	16	9	3,801	–	397	4,222	136
Kerosene	0	0	27	–	2	30	1
Distillate Fuel Oil	484	62	26,934	0	1,564	29,044	937
15 ppm sulfur and under	480	0	23,132	0	963	24,575	793
Greater than 15 ppm to 500 ppm sulfur	–	33	2,058	–	50	2,140	69
Greater than 500 ppm sulfur	4	29	1,745	–	551	2,329	75
Residual Fuel Oil	627	–	1,662	–	484	2,773	89
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	–	–	1,853	–	–	1,853	60
Special Naphthas	–	–	–	–	–	–	–
Lubricants	148	172	1,904	10	268	2,502	81
Waxes	80	26	24	–	4	134	4
Petroleum Coke	87	144	11,746	–	3,030	15,007	484
Asphalt and Road Oil	64	85	512	0	30	690	22
Miscellaneous Products	15	1	6	–	0	23	1
Total	9,418	12,524	239,777	65	7,600	269,384	8,690

-- = Not Applicable.

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, February 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1,459	1,540	87,236	–	603	90,839	3,244
Hydrocarbon Gas Liquids	6,220	7,109	48,248	39	1,912	63,528	2,269
Natural Gas Liquids	6,220	7,109	48,248	39	1,912	63,528	2,269
Ethane	2,460	2,480	6,247	–	–	11,188	400
Propane	3,135	143	33,747	0	843	37,868	1,352
Normal Butane	553	47	7,600	1	1,023	9,223	329
Isobutane	1	2	268	–	2	272	10
Natural Gasoline	70	4,437	386	37	45	4,976	178
Other Liquids	357	2,410	11,617	1	373	14,758	527
Hydrogen/Biofuels/Other Hydrocarbons	335	601	2,330	1	276	3,544	127
Hydrogen	–	–	–	–	–	–	–
Biofuels	335	601	2,330	1	276	3,544	127
Fuel Ethanol	335	552	2,289	1	244	3,420	122
Biodiesel	0	49	42	1	32	124	4
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	17	1,794	7,821	0	37	9,669	345
Naphthas and Lighter	4	1,782	7,427	0	20	9,233	330
Kerosene and Light Gas Oils	13	12	394	0	17	436	16
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	4	16	1,466	–	60	1,546	55
Reformulated	1	–	0	–	2	3	0
Conventional	3	16	1,465	–	58	1,542	55
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	2,177	653	65,594	13	7,011	75,449	2,695
Finished Motor Gasoline	46	273	20,155	0	1,624	22,098	789
Reformulated	–	–	–	–	–	–	–
Conventional	46	273	20,155	0	1,624	22,098	789
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	22	8	3,743	–	415	4,187	150
Kerosene	1	0	383	–	1	386	14
Distillate Fuel Oil	774	121	22,481	–	1,358	24,735	883
15 ppm sulfur and under	767	0	17,214	–	519	18,500	661
Greater than 15 ppm to 500 ppm sulfur	0	28	1,848	–	43	1,920	69
Greater than 500 ppm sulfur	7	93	3,419	–	795	4,314	154
Residual Fuel Oil	32	–	2,651	–	801	3,484	124
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	235	–	979	–	–	1,214	43
Special Naphthas	–	–	–	–	–	–	–
Lubricants	198	188	2,049	12	114	2,561	91
Waxes	79	26	19	0	4	128	5
Petroleum Coke	646	17	12,819	–	2,666	16,147	577
Asphalt and Road Oil	126	18	300	1	30	475	17
Miscellaneous Products	19	1	15	–	0	35	1
Total	10,212	11,712	212,695	53	9,900	244,573	8,735

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, March 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	714	2,881	94,535	–	945	99,075	3,196
Hydrocarbon Gas Liquids	5,775	7,011	57,248	58	2,087	72,179	2,328
Natural Gas Liquids	5,775	7,011	57,248	58	2,087	72,179	2,328
Ethane	2,161	2,110	9,184	–	2	13,457	434
Propane	2,912	178	37,788	3	1,046	41,926	1,352
Normal Butane	613	64	10,061	1	1,026	11,766	380
Isobutane	0	3	143	–	2	149	5
Natural Gasoline	89	4,657	72	55	11	4,883	158
Other Liquids	147	3,011	13,995	2	509	17,664	570
Hydrogen/Biofuels/Other Hydrocarbons	128	794	1,733	1	209	2,864	92
Hydrogen	–	–	–	–	–	–	–
Biofuels	128	794	1,733	1	209	2,864	92
Fuel Ethanol	103	692	1,732	1	165	2,694	87
Biodiesel	25	102	0	–	44	171	6
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	14	2,174	10,078	0	211	12,477	402
Naphthas and Lighter	5	2,160	9,886	0	202	12,253	395
Kerosene and Light Gas Oils	9	14	192	0	9	224	7
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	5	43	2,184	0	90	2,322	75
Reformulated	2	–	0	–	1	3	0
Conventional	3	43	2,184	0	89	2,320	75
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	3,396	899	79,202	23	8,728	92,247	2,976
Finished Motor Gasoline	33	325	21,529	1	700	22,588	729
Reformulated	–	–	–	–	–	–	–
Conventional	33	325	21,529	1	700	22,588	729
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	24	12	4,738	–	730	5,504	178
Kerosene	4	0	195	–	2	202	7
Distillate Fuel Oil	1,997	183	32,249	–	2,828	37,257	1,202
15 ppm sulfur and under	1,347	2	27,875	–	1,617	30,841	995
Greater than 15 ppm to 500 ppm sulfur	451	26	2,369	–	483	3,328	107
Greater than 500 ppm sulfur	199	155	2,005	–	728	3,087	100
Residual Fuel Oil	14	0	2,815	–	1,067	3,896	126
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	–	–	1,297	–	–	1,297	42
Special Naphthas	–	–	–	–	–	–	–
Lubricants	288	196	2,352	21	574	3,432	111
Waxes	77	48	36	0	3	164	5
Petroleum Coke	876	64	13,668	–	2,783	17,392	561
Asphalt and Road Oil	63	69	260	1	41	433	14
Miscellaneous Products	19	2	62	–	0	82	3
Total	10,032	13,803	244,979	82	12,269	281,165	9,070

-- = Not Applicable.

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, April 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1,462	2,036	101,643	–	–	105,141	3,505
Hydrocarbon Gas Liquids	9,721	7,993	53,206	67	1,641	72,627	2,421
Natural Gas Liquids	9,721	7,993	53,206	67	1,641	72,627	2,421
Ethane	1,867	3,021	5,728	0	0	10,617	354
Propane	5,814	100	35,944	1	757	42,617	1,421
Normal Butane	1,957	62	11,332	20	859	14,230	474
Isobutane	1	3	111	–	1	116	4
Natural Gasoline	82	4,806	91	45	23	5,047	168
Other Liquids	336	3,339	12,452	4	735	16,867	562
Hydrogen/Biofuels/Other Hydrocarbons	140	960	3,733	3	425	5,261	175
Hydrogen	–	–	–	–	–	–	–
Biofuels	140	960	3,733	3	425	5,261	175
Fuel Ethanol	97	756	3,406	0	369	4,628	154
Biodiesel	42	204	327	3	56	632	21
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	186	1,822	7,409	0	28	9,446	315
Naphthas and Lighter	172	1,808	7,142	0	8	9,130	304
Kerosene and Light Gas Oils	14	14	267	0	20	316	11
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	10	557	1,311	1	282	2,161	72
Reformulated	0	–	0	–	2	3	0
Conventional	10	557	1,310	1	279	2,158	72
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	2,208	1,448	84,056	14	7,587	95,314	3,177
Finished Motor Gasoline	51	407	23,414	1	1,112	24,986	833
Reformulated	–	–	–	–	–	–	–
Conventional	51	407	23,414	1	1,112	24,986	833
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	29	25	5,500	–	606	6,160	205
Kerosene	4	1	55	–	2	62	2
Distillate Fuel Oil	323	206	36,114	0	1,373	38,015	1,267
15 ppm sulfur and under	229	0	30,879	0	881	31,990	1,066
Greater than 15 ppm to 500 ppm sulfur	–	35	3,071	–	335	3,441	115
Greater than 500 ppm sulfur	94	171	2,163	–	157	2,584	86
Residual Fuel Oil	85	–	2,867	–	575	3,527	118
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	187	–	889	–	–	1,076	36
Special Naphthas	–	–	–	–	–	–	–
Lubricants	237	217	2,334	11	106	2,904	97
Waxes	79	45	20	–	4	148	5
Petroleum Coke	1,135	529	12,381	–	3,781	17,826	594
Asphalt and Road Oil	58	16	453	1	30	557	19
Miscellaneous Products	20	2	30	–	0	53	2
Total	13,727	14,816	251,357	85	9,963	289,948	9,665

-- = Not Applicable.

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, May 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	747	1,511	100,214	0	–	102,473	3,306
Hydrocarbon Gas Liquids	8,439	7,000	58,390	49	2,043	75,921	2,449
Natural Gas Liquids	8,439	7,000	58,390	49	2,043	75,921	2,449
Ethane	1,769	2,435	7,999	–	0	12,203	394
Propane	4,081	164	37,661	–	640	42,546	1,372
Normal Butane	2,560	86	12,478	–	1,352	16,476	531
Isobutane	1	2	143	–	–	146	5
Natural Gasoline	29	4,313	108	49	52	4,551	147
Other Liquids	234	3,278	10,431	24	441	14,409	465
Hydrogen/Biofuels/Other Hydrocarbons	197	999	2,463	24	330	4,014	129
Hydrogen	–	–	–	–	–	–	–
Biofuels	197	999	2,463	24	330	4,014	129
Fuel Ethanol	126	707	2,255	–	226	3,314	107
Biodiesel	71	292	209	24	103	699	23
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	22	2,214	6,875	–	26	9,137	295
Naphthas and Lighter	8	2,200	6,480	–	12	8,700	281
Kerosene and Light Gas Oils	14	14	394	–	15	436	14
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	15	66	1,093	–	85	1,258	41
Reformulated	3	–	1	–	3	7	0
Conventional	12	66	1,092	–	82	1,251	40
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,388	1,568	86,705	15	8,264	97,939	3,159
Finished Motor Gasoline	43	511	26,368	2	900	27,824	898
Reformulated	–	–	–	–	–	–	–
Conventional	43	511	26,368	2	900	27,824	898
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	21	32	4,061	–	728	4,841	156
Kerosene	4	2	143	–	1	150	5
Distillate Fuel Oil	251	278	33,325	–	2,774	36,627	1,182
15 ppm sulfur and under	10	0	28,153	–	1,900	30,063	970
Greater than 15 ppm to 500 ppm sulfur	241	144	2,634	–	329	3,347	108
Greater than 500 ppm sulfur	–	135	2,537	–	545	3,217	104
Residual Fuel Oil	256	–	3,210	–	557	4,023	130
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	1	–	875	–	21	898	29
Special Naphthas	–	–	–	–	–	–	–
Lubricants	297	190	2,949	10	243	3,688	119
Waxes	102	31	29	0	5	166	5
Petroleum Coke	315	508	15,406	–	3,004	19,232	620
Asphalt and Road Oil	77	14	289	3	31	414	13
Miscellaneous Products	22	1	51	–	0	74	2
Total	10,809	13,357	255,740	88	10,748	290,742	9,379

-- = Not Applicable.

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, June 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	732	3,440	99,454	-	-	103,626	3,454
Hydrocarbon Gas Liquids	10,546	7,436	59,849	49	1,397	79,278	2,643
Natural Gas Liquids	10,546	7,436	59,849	49	1,397	79,278	2,643
Ethane	2,319	1,478	9,993	-	2	13,793	460
Propane	5,096	134	39,908	3	657	45,798	1,527
Normal Butane	3,088	178	9,773	-	713	13,752	458
Isobutane	1	2	138	-	0	141	5
Natural Gasoline	42	5,644	36	46	25	5,793	193
Other Liquids	381	3,948	8,523	15	530	13,396	447
Hydrogen/Biofuels/Other Hydrocarbons	157	1,083	1,289	15	405	2,949	98
Hydrogen	--	--	--	--	--	--	--
Biofuels	157	1,083	1,289	15	405	2,949	98
Fuel Ethanol	96	792	1,241	-	231	2,360	79
Biodiesel	61	291	49	15	173	589	20
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils	209	2,667	3,609	0	15	6,501	217
Naphthas and Lighter	197	2,651	3,152	-	3	6,003	200
Kerosene and Light Gas Oils	11	16	457	0	12	497	17
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)	15	197	3,624	-	110	3,946	132
Reformulated	0	-	1	-	-	1	0
Conventional	15	197	3,624	-	110	3,945	132
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	2,379	1,871	86,990	14	6,392	97,646	3,255
Finished Motor Gasoline	66	508	25,834	1	862	27,270	909
Reformulated	-	-	-	-	-	-	-
Conventional	66	508	25,834	1	862	27,270	909
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	24	24	5,259	-	479	5,787	193
Kerosene	3	1	216	-	-	220	7
Distillate Fuel Oil	681	154	33,881	-	1,588	36,304	1,210
15 ppm sulfur and under	541	1	28,379	-	1,532	30,452	1,015
Greater than 15 ppm to 500 ppm sulfur	1	46	2,753	-	16	2,815	94
Greater than 500 ppm sulfur	140	108	2,749	-	40	3,037	101
Residual Fuel Oil	526	0	3,042	-	237	3,806	127
Naphtha for Petro. Feed. Use	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use	5	4	1,471	-	-	1,480	49
Special Naphthas	-	-	-	-	-	-	-
Lubricants	315	219	3,526	10	79	4,150	138
Waxes	79	36	17	0	4	136	5
Petroleum Coke	570	776	13,417	-	3,117	17,880	596
Asphalt and Road Oil	95	147	273	3	24	541	18
Miscellaneous Products	16	2	54	-	1	72	2
Total	14,038	16,695	254,815	78	8,319	293,946	9,798

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, July 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	3,567	1,259	109,262	–	–	114,088	3,680
Hydrocarbon Gas Liquids	9,419	7,495	53,636	41	1,923	72,515	2,339
Natural Gas Liquids	9,419	7,495	53,636	41	1,923	72,515	2,339
Ethane	2,087	1,342	9,433	–	0	12,863	415
Propane	4,768	150	35,795	–	1,178	41,891	1,351
Normal Butane	2,529	294	8,248	1	742	11,814	381
Isobutane	0	4	111	–	2	116	4
Natural Gasoline	35	5,705	49	41	1	5,831	188
Other Liquids	181	3,982	7,320	25	746	12,254	395
Hydrogen/Biofuels/Other Hydrocarbons	160	1,180	1,545	24	330	3,240	105
Hydrogen	–	–	–	–	–	–	–
Biofuels	160	1,180	1,545	24	330	3,240	105
Fuel Ethanol	105	810	1,482	–	219	2,615	84
Biodiesel	56	371	63	24	112	625	20
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	19	2,488	4,185	1	209	6,902	223
Naphthas and Lighter	8	2,474	3,963	1	206	6,652	215
Kerosene and Light Gas Oils	10	13	223	0	3	249	8
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	2	314	1,590	1	207	2,113	68
Reformulated	–	–	3	–	1	4	0
Conventional	2	314	1,587	1	205	2,109	68
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	2,574	1,565	90,212	14	6,708	101,072	3,260
Finished Motor Gasoline	42	537	22,536	1	546	23,662	763
Reformulated	–	–	–	–	–	–	–
Conventional	42	537	22,536	1	546	23,662	763
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	22	23	5,339	0	823	6,207	200
Kerosene	11	1	30	–	0	42	1
Distillate Fuel Oil	1,592	103	43,788	–	2,008	47,491	1,532
15 ppm sulfur and under	1,343	0	38,398	–	1,726	41,466	1,338
Greater than 15 ppm to 500 ppm sulfur	245	16	2,659	–	104	3,024	98
Greater than 500 ppm sulfur	4	87	2,731	–	179	3,001	97
Residual Fuel Oil	5	1	2,069	–	20	2,096	68
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	282	5	1,004	–	145	1,436	46
Special Naphthas	–	–	–	–	–	–	–
Lubricants	215	207	3,902	8	274	4,606	149
Waxes	81	42	16	–	3	142	5
Petroleum Coke	223	565	11,341	0	2,860	14,989	484
Asphalt and Road Oil	83	80	139	5	27	334	11
Miscellaneous Products	17	1	49	0	0	67	2
Total	15,741	14,301	260,430	81	9,377	299,929	9,675

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, August 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	2,899	1,532	106,065	–	–	110,497	3,564
Hydrocarbon Gas Liquids	9,819	6,759	58,457	13	1,782	76,830	2,478
Natural Gas Liquids	9,819	6,759	58,457	13	1,782	76,830	2,478
Ethane	2,576	1,145	10,237	–	–	13,958	450
Propane	5,454	161	38,735	1	926	45,277	1,461
Normal Butane	1,712	139	9,104	–	828	11,784	380
Isobutane	–	4	294	–	3	301	10
Natural Gasoline	77	5,310	88	12	25	5,512	178
Other Liquids	164	4,079	6,133	23	723	11,123	359
Hydrogen/Biofuels/Other Hydrocarbons	139	1,277	950	23	356	2,745	89
Hydrogen	–	–	–	–	–	–	–
Biofuels	139	1,277	950	23	356	2,745	89
Fuel Ethanol	132	931	628	0	223	1,914	62
Biodiesel	7	346	323	23	133	831	27
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	21	2,707	3,420	–	189	6,338	204
Naphthas and Lighter	8	2,698	2,840	–	176	5,721	185
Kerosene and Light Gas Oils	14	9	581	–	13	617	20
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	3	95	1,763	–	178	2,039	66
Reformulated	0	–	1	–	–	2	0
Conventional	3	95	1,761	–	178	2,038	66
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	2,421	1,339	92,660	17	7,282	103,721	3,346
Finished Motor Gasoline	38	406	28,091	0	608	29,143	940
Reformulated	–	–	–	–	–	–	–
Conventional	38	406	28,091	0	608	29,143	940
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	17	34	5,579	0	765	6,396	206
Kerosene	5	1	254	–	199	458	15
Distillate Fuel Oil	470	188	39,501	–	2,028	42,186	1,361
15 ppm sulfur and under	451	0	33,980	–	1,263	35,695	1,151
Greater than 15 ppm to 500 ppm sulfur	18	28	3,387	–	6	3,440	111
Greater than 500 ppm sulfur	1	159	2,133	–	759	3,051	98
Residual Fuel Oil	462	8	2,573	–	332	3,375	109
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	7	7	819	–	40	873	28
Special Naphthas	–	–	–	–	–	–	–
Lubricants	217	201	1,609	13	152	2,192	71
Waxes	81	43	24	0	5	153	5
Petroleum Coke	995	364	13,651	0	3,133	18,143	585
Asphalt and Road Oil	112	87	514	3	21	736	24
Miscellaneous Products	18	1	46	–	0	65	2
Total	15,304	13,710	263,316	53	9,788	302,170	9,747

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, September 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	936	2,126	108,407	–	–	111,469	3,716
Hydrocarbon Gas Liquids	7,726	8,550	53,482	7	1,679	71,444	2,381
Natural Gas Liquids	7,726	8,550	53,482	7	1,679	71,444	2,381
Ethane	1,855	2,027	7,836	–	2	11,720	391
Propane	4,497	192	33,689	1	602	38,982	1,299
Normal Butane	1,265	232	11,703	0	1,043	14,244	475
Isobutane	2	2	177	–	6	186	6
Natural Gasoline	107	6,097	77	6	26	6,313	210
Other Liquids	395	3,430	7,933	25	589	12,371	412
Hydrogen/Biofuels/Other Hydrocarbons	120	1,165	1,173	15	312	2,785	93
Hydrogen	–	–	–	–	–	–	–
Biofuels	120	1,165	1,173	15	312	2,785	93
Fuel Ethanol	117	801	990	–	237	2,144	71
Biodiesel	3	365	183	15	76	641	21
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	22	2,248	4,890	0	20	7,180	239
Naphthas and Lighter	6	2,239	4,722	0	1	6,968	232
Kerosene and Light Gas Oils	16	9	168	0	19	212	7
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	253	16	1,870	10	257	2,406	80
Reformulated	0	–	1	–	2	3	0
Conventional	253	16	1,869	10	255	2,403	80
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	2,114	937	90,792	13	6,487	100,343	3,345
Finished Motor Gasoline	353	241	29,787	1	447	30,829	1,028
Reformulated	–	–	–	–	–	–	–
Conventional	353	241	29,787	1	447	30,829	1,028
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	9	18	6,018	0	301	6,346	212
Kerosene	7	1	364	–	–	372	12
Distillate Fuel Oil	711	179	36,661	–	1,724	39,275	1,309
15 ppm sulfur and under	694	0	32,997	–	1,072	34,763	1,159
Greater than 15 ppm to 500 ppm sulfur	16	22	1,184	–	25	1,247	42
Greater than 500 ppm sulfur	1	157	2,481	–	627	3,266	109
Residual Fuel Oil	10	1	1,419	–	609	2,040	68
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	162	6	1,323	–	–	1,491	50
Special Naphthas	–	–	–	–	–	–	–
Lubricants	177	185	1,732	10	109	2,213	74
Waxes	81	36	22	–	6	145	5
Petroleum Coke	505	183	13,154	0	3,266	17,108	570
Asphalt and Road Oil	79	86	274	2	25	464	15
Miscellaneous Products	21	0	39	–	0	59	2
Total	11,171	15,043	260,614	45	8,755	295,628	9,854

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, October 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	–	2,545	121,520	–	–	124,064	4,002
Hydrocarbon Gas Liquids	6,063	5,460	61,502	11	1,418	74,454	2,402
Natural Gas Liquids	6,063	5,460	61,502	11	1,418	74,454	2,402
Ethane	1,954	2,097	9,303	–	–	13,354	431
Propane	3,709	128	40,012	0	767	44,616	1,439
Normal Butane	359	106	11,971	1	623	13,059	421
Isobutane	0	2	180	–	3	186	6
Natural Gasoline	41	3,127	36	10	25	3,240	105
Other Liquids	141	3,110	6,644	14	587	10,496	339
Hydrogen/Biofuels/Other Hydrocarbons	122	988	1,127	12	256	2,504	81
Hydrogen	–	–	–	–	–	–	–
Biofuels	122	988	1,127	12	256	2,504	81
Fuel Ethanol	119	818	877	–	223	2,036	66
Biodiesel	3	170	250	12	32	468	15
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	17	2,106	4,208	0	184	6,515	210
Naphthas and Lighter	9	2,094	3,879	0	181	6,163	199
Kerosene and Light Gas Oils	8	12	328	0	4	352	11
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	2	16	1,309	2	147	1,477	48
Reformulated	0	–	1	–	3	4	0
Conventional	2	16	1,308	2	145	1,473	48
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,465	926	78,598	17	6,804	87,810	2,833
Finished Motor Gasoline	24	271	25,472	–	561	26,328	849
Reformulated	–	–	–	–	–	–	–
Conventional	24	271	25,472	–	561	26,328	849
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	202	21	3,830	–	369	4,422	143
Kerosene	3	1	264	–	0	269	9
Distillate Fuel Oil	291	133	29,513	–	1,722	31,660	1,021
15 ppm sulfur and under	201	2	24,725	–	1,471	26,399	852
Greater than 15 ppm to 500 ppm sulfur	89	15	2,195	–	46	2,344	76
Greater than 500 ppm sulfur	1	116	2,594	–	205	2,916	94
Residual Fuel Oil	8	–	2,518	–	415	2,942	95
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	4	–	322	–	60	386	12
Special Naphthas	–	–	–	–	–	–	–
Lubricants	201	180	1,909	15	117	2,422	78
Waxes	65	43	17	0	5	131	4
Petroleum Coke	559	154	14,604	–	3,527	18,843	608
Asphalt and Road Oil	91	121	118	2	26	358	12
Miscellaneous Products	17	1	30	–	1	49	2
Total	7,669	12,041	268,263	42	8,809	296,824	9,575

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, November 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	–	2,556	120,608	0	–	123,164	4,105
Hydrocarbon Gas Liquids	6,151	7,652	55,820	9	1,519	71,152	2,372
Natural Gas Liquids	6,151	7,652	55,820	9	1,519	71,152	2,372
Ethane	2,326	2,308	8,483	–	–	13,117	437
Propane	3,099	104	35,612	0	1,086	39,902	1,330
Normal Butane	674	89	11,548	2	402	12,716	424
Isobutane	1	2	104	–	4	111	4
Natural Gasoline	51	5,148	73	7	27	5,306	177
Other Liquids	124	3,285	6,834	1	559	10,803	360
Hydrogen/Biofuels/Other Hydrocarbons	94	1,023	687	–	331	2,135	71
Hydrogen	–	–	–	–	–	–	–
Biofuels	94	1,023	687	–	331	2,135	71
Fuel Ethanol	91	939	615	–	269	1,914	64
Biodiesel	3	84	72	–	61	221	7
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	28	2,238	4,482	0	27	6,775	226
Naphthas and Lighter	8	2,227	4,205	0	12	6,452	215
Kerosene and Light Gas Oils	20	11	277	–	15	323	11
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	2	25	1,664	1	201	1,894	63
Reformulated	0	–	2	–	2	3	0
Conventional	2	25	1,663	1	199	1,891	63
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,135	605	83,920	16	8,561	94,236	3,141
Finished Motor Gasoline	39	255	28,564	1	1,087	29,946	998
Reformulated	–	–	–	–	–	–	–
Conventional	39	255	28,564	1	1,087	29,946	998
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	18	11	4,232	–	931	5,192	173
Kerosene	2	1	39	–	–	42	1
Distillate Fuel Oil	222	94	32,701	1	2,065	35,083	1,169
15 ppm sulfur and under	10	0	27,059	–	1,968	29,038	968
Greater than 15 ppm to 500 ppm sulfur	211	13	2,751	1	1	2,977	99
Greater than 500 ppm sulfur	1	81	2,891	–	96	3,068	102
Residual Fuel Oil	210	–	2,704	–	1,033	3,947	132
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	–	–	1,400	–	130	1,530	51
Special Naphthas	–	–	–	–	–	–	–
Lubricants	270	177	1,655	12	269	2,382	79
Waxes	65	23	17	–	5	110	4
Petroleum Coke	168	30	12,287	–	3,014	15,500	517
Asphalt and Road Oil	126	12	282	1	23	444	15
Miscellaneous Products	16	1	40	–	3	60	2
Total	7,409	14,098	267,182	27	10,639	299,355	9,979

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 31. Exports of Crude Oil and Petroleum Products by PAD District, December 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	1,383	2,173	112,379	–	980	116,916	3,771
Hydrocarbon Gas Liquids	6,548	7,890	63,246	9	1,551	79,243	2,556
Natural Gas Liquids	6,548	7,890	63,246	9	1,551	79,243	2,556
Ethane	2,450	2,517	10,017	–	–	14,983	483
Propane	2,963	92	41,415	0	1,105	45,575	1,470
Normal Butane	1,095	154	11,594	–	385	13,227	427
Isobutane	1	3	177	–	1	182	6
Natural Gasoline	40	5,124	43	9	60	5,276	170
Other Liquids	330	3,120	9,129	6	301	12,886	416
Hydrogen/Biofuels/Other Hydrocarbons	309	979	710	–	132	2,130	69
Hydrogen	–	–	–	–	–	–	–
Biofuels	309	979	710	–	132	2,130	69
Fuel Ethanol	80	941	545	–	102	1,668	54
Biodiesel	229	39	164	–	29	462	15
Renewable Diesel Fuel	NA	NA	NA	NA	NA	NA	NA
Other Biofuels ²	NA	NA	NA	NA	NA	NA	NA
Other Hydrocarbons	–	–	–	–	–	–	–
Unfinished Oils	17	2,101	4,604	–	21	6,743	218
Naphthas and Lighter	8	2,091	4,247	–	4	6,350	205
Kerosene and Light Gas Oils	10	10	357	–	16	393	13
Heavy Gas Oils	–	–	–	–	–	–	–
Residuum	–	–	–	–	–	–	–
Motor Gasoline Blend.Comp. (MGBC)	4	39	3,815	6	149	4,013	129
Reformulated	0	–	2	–	1	2	0
Conventional	4	39	3,813	6	149	4,011	129
Aviation Gasoline Blend. Comp.	–	–	–	–	–	–	–
Finished Petroleum Products	1,586	679	88,224	17	11,523	102,029	3,291
Finished Motor Gasoline	69	239	26,836	–	2,021	29,165	941
Reformulated	–	–	–	–	–	–	–
Conventional	69	239	26,836	–	2,021	29,165	941
Finished Aviation Gasoline	–	–	–	–	–	–	–
Kerosene-Type Jet Fuel	386	15	4,130	–	1,040	5,571	180
Kerosene	1	0	484	–	–	486	16
Distillate Fuel Oil	163	118	37,969	–	3,485	41,735	1,346
15 ppm sulfur and under	11	2	32,261	–	2,884	35,158	1,134
Greater than 15 ppm to 500 ppm sulfur	150	31	2,829	–	423	3,433	111
Greater than 500 ppm sulfur	1	86	2,879	–	178	3,144	101
Residual Fuel Oil	71	–	3,361	–	866	4,298	139
Naphtha for Petro. Feed. Use	–	–	–	–	–	–	–
Other Oils for Petro. Feed. Use	–	–	562	–	148	710	23
Special Naphthas	–	–	–	–	–	–	–
Lubricants	179	151	1,295	16	71	1,712	55
Waxes	50	28	17	0	4	99	3
Petroleum Coke	531	47	13,025	–	3,867	17,469	564
Asphalt and Road Oil	122	78	517	1	21	740	24
Miscellaneous Products	15	1	27	–	1	44	1
Total	9,848	13,861	272,978	32	14,355	311,074	10,035

-- = Not Applicable.

– = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, January 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	0	—	260	—	274	274	—	—	—
Australia	1,344	—	—	3	—	0	0	0	—	0
Bahamas	—	85	—	52	—	68	68	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	1,779	—	933	—	0	0	—	—	—
Belize	—	25	—	—	—	—	—	—	—	—
Brazil	1,271	1,123	—	1,660	—	658	658	—	—	—
Canada	8,741	8,305	—	1,776	—	458	458	—	527	527
Cayman Islands	—	0	—	—	—	78	78	—	0	0
Chile	—	1,097	—	107	—	873	873	—	0	0
China	5,580	5,352	—	1	—	—	—	—	—	—
Colombia	1,099	85	—	804	—	1,448	1,448	—	—	—
Costa Rica	—	147	—	10	—	606	606	—	—	—
Denmark	1,985	—	—	—	—	0	0	0	—	0
Dominican Republic	501	1,118	—	0	—	517	517	—	—	—
Ecuador	—	922	—	12	—	890	890	—	615	615
Egypt	—	1,255	—	—	—	—	—	—	—	—
El Salvador	—	481	—	0	—	557	557	—	—	—
Finland	—	—	—	120	—	—	—	—	—	—
France	5,755	426	—	20	—	—	—	—	—	—
Germany	3,547	2	—	3	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	1	1	—	—	—
Guatemala	—	413	—	5	—	932	932	—	0	0
Honduras	—	654	—	2	—	593	593	—	—	—
Hong Kong	—	—	—	0	—	0	0	—	—	—
India	16,801	2,385	—	1	—	—	—	—	0	0
Indonesia	—	1,628	—	0	—	—	—	—	—	—
Ireland	1,252	—	—	—	—	—	—	—	—	—
Israel	—	1	—	0	—	—	—	—	—	—
Italy	7,268	250	—	—	—	—	—	—	—	—
Jamaica	—	17	—	—	—	17	17	—	—	—
Japan	—	14,122	—	332	—	1	1	1	—	1
Korea, South	10,782	4,527	—	1,579	—	0	0	1	2	3
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	7,140	—	204	—	12,139	12,139	—	1,432	1,432
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	1,873	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	4,208	3,394	—	988	—	1	1	—	—	—
New Zealand	—	—	—	0	—	—	—	—	—	—
Nicaragua	290	—	—	—	—	27	27	—	—	—
Nigeria	—	409	—	—	—	655	655	—	—	—
Norway	100	1,890	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	—	204	—	0	—	446	446	—	73	73
Peru	725	239	—	438	—	644	644	—	—	—
Philippines	—	—	—	—	—	—	—	—	—	—
Portugal	1,431	450	—	—	—	—	—	—	—	—
Puerto Rico	—	15	—	5	—	1	1	—	0	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	3	—	—	—	—	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	11,704	2,291	—	0	—	—	—	—	—	—
South Africa	—	—	—	—	—	—	—	—	—	—
Spain	4,248	862	—	311	—	—	—	—	—	—
Switzerland	832	188	—	517	—	—	—	—	—	—
Taiwan	3,625	—	—	335	—	—	—	—	—	—
Thailand	796	—	—	2	—	—	—	—	—	—
Trinidad and Tobago	—	1	—	0	—	276	276	—	—	—
Turkiye	—	861	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	0	—	0	0	—	—	—
United Kingdom	7,609	1,245	—	—	—	0	0	—	—	—
Venezuela	—	0	—	0	—	0	0	0	—	0
Other	2,473	3,014	—	293	—	497	497	1	2	3
Total	103,967	70,275	—	10,776	—	22,657	22,657	3	2,651	2,654

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, January 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	—	—	314	—	314	—	—
Australia	0	—	NA	NA	0	—	—	—	0	—	—
Bahamas	—	—	NA	NA	634	—	180	—	814	0	—
Bahrain	0	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	—	—	44	—	44	—	—
Belize	—	—	NA	NA	40	—	—	—	40	—	—
Brazil	207	—	NA	NA	1,885	126	—	—	2,011	—	—
Canada	877	190	NA	NA	202	213	33	—	449	2	—
Cayman Islands	—	—	NA	NA	331	—	—	—	331	—	—
Chile	0	—	NA	NA	5,167	—	—	—	5,167	0	—
China	0	—	NA	NA	2	—	1	—	3	—	—
Colombia	—	—	NA	NA	580	—	—	—	580	1	—
Costa Rica	0	—	NA	NA	472	—	—	—	472	—	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	0	—	NA	NA	171	—	330	—	501	—	—
Ecuador	—	—	NA	NA	277	570	286	—	1,133	1	—
Egypt	0	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	325	—	—	—	325	—	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	—	—	NA	NA	—	—	—	—	—	—	—
Germany	0	2	NA	NA	—	—	—	—	—	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	0	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	1,063	307	—	—	1,370	0	—
Honduras	—	—	NA	NA	599	308	—	—	908	—	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	407	—	NA	NA	—	—	—	—	—	—	—
Indonesia	0	0	NA	NA	2	—	—	—	2	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	0	—	NA	NA	—	—	—	—	—	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	70	—	NA	NA	—	—	70	—	70	—	—
Japan	22	—	NA	NA	0	—	—	—	0	—	—
Korea, South	124	—	NA	NA	2	—	—	—	2	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	159	—	NA	NA	6,769	43	1	—	6,812	1	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	148	—	NA	NA	423	—	—	—	423	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	155	110	—	—	265	21	—
Nigeria	—	—	NA	NA	—	—	—	—	—	—	—
Norway	—	—	NA	NA	307	—	—	—	307	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	1,298	18	571	—	1,887	3	—
Peru	69	17	NA	NA	3,168	—	0	—	3,168	—	—
Philippines	249	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	4	—	NA	NA	0	—	—	—	0	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	60	—	NA	NA	0	—	1	—	1	—	—
Serbia (Excludes Kosovo)	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	24	0	NA	NA	—	—	—	—	—	—	—
South Africa	—	—	NA	NA	0	—	—	—	0	—	—
Spain	—	—	NA	NA	—	—	—	—	—	—	—
Switzerland	0	—	NA	NA	—	—	—	—	—	—	—
Taiwan	1	—	NA	NA	—	—	—	—	—	0	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	557	—	278	—	834	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	—	—	NA	NA	0	—	—	—	0	0	—
United Kingdom	104	—	NA	NA	0	—	—	—	0	—	—
Venezuela	0	—	NA	NA	1	—	—	—	1	—	—
Other	43	—	NA	NA	145	445	220	—	810	1	—
Total	2,568	209	NA	NA	24,575	2,140	2,329	—	29,044	30	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, January 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	-	-	-	0	0
Australia	-	-	-	-	-	-	1	333
Bahamas	-	4	-	535	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	1
Belize	-	7	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	1	2,187
Canada	-	301	-	1,028	-	-	97	312
Cayman Islands	-	55	-	-	-	-	-	-
Chile	-	271	-	39	-	-	1	0
China	-	-	-	4	-	-	4	2,382
Colombia	-	-	-	-	-	-	0	-
Costa Rica	-	130	-	-	-	-	0	165
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	239	-	0	-	-	1	191
Ecuador	-	9	-	-	-	-	0	0
Egypt	-	-	-	-	-	-	-	182
El Salvador	-	40	-	0	-	-	0	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	236
Germany	-	-	-	-	-	-	3	0
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	398
Guatemala	-	40	-	-	-	-	1	204
Honduras	-	197	-	-	-	-	0	-
Hong Kong	-	-	-	-	-	-	0	-
India	-	0	-	-	-	999	2	435
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	-	199
Israel	-	333	-	-	-	-	0	272
Italy	-	-	-	-	-	-	0	761
Jamaica	-	78	-	-	-	-	0	-
Japan	-	-	-	1	-	-	1	1,450
Korea, South	-	-	-	165	-	-	1	0
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	1,533	-	170	-	114	17	2,078
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	722
Mozambique	-	-	-	-	-	-	-	165
Netherlands	-	-	-	-	-	-	2	363
New Zealand	-	-	-	-	-	-	0	-
Nicaragua	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	86
Pakistan	-	-	-	-	-	-	-	-
Panama	-	168	-	607	-	-	-	-
Peru	-	190	-	101	-	-	-	0
Philippines	-	-	-	-	-	-	-	0
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	61
Saudi Arabia	-	-	-	1	-	-	0	0
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	0	-
South Africa	-	-	-	0	-	-	-	55
Spain	-	-	-	-	-	-	0	323
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	-	-	740	0	1
Trinidad and Tobago	-	240	-	-	-	-	-	-
Turkiye	-	-	-	-	-	-	0	950
United Arab Emirates	-	-	-	0	-	-	0	132
United Kingdom	-	-	-	-	-	-	0	-
Venezuela	-	-	-	-	-	-	-	-
Other	-	387	-	122	-	-	2	363
Total	-	4,222	-	2,773	-	1,853	134	15,007

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, January 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	70	2	0	922	922	—	30	30
Australia	1	4	—	342	1,686	43	11	54
Bahamas	2	4	—	1,564	1,564	—	50	50
Bahrain	—	0	—	0	0	—	0	0
Belgium	—	246	1	3,004	3,004	—	97	97
Belize	—	0	—	73	73	—	2	2
Brazil	0	216	0	8,062	9,334	41	260	301
Canada	153	252	5	14,731	23,472	282	475	757
Cayman Islands	0	1	—	466	466	—	15	15
Chile	83	75	—	7,713	7,713	—	249	249
China	0	14	1	7,761	13,341	180	250	430
Colombia	0	54	0	2,973	4,072	35	96	131
Costa Rica	42	13	—	1,585	1,585	—	51	51
Denmark	—	0	—	0	1,985	64	0	64
Dominican Republic	—	10	—	2,579	3,080	16	83	99
Ecuador	0	28	—	3,610	3,610	—	116	116
Egypt	—	0	—	1,437	1,437	—	46	46
El Salvador	0	11	—	1,415	1,415	—	46	46
Finland	—	0	—	121	121	—	4	4
France	—	35	—	717	6,472	186	23	209
Germany	1	2	1	13	3,560	114	0	115
Ghana	—	0	—	0	0	—	0	0
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	399	399	—	13	13
Guatemala	—	15	—	2,980	2,980	—	96	96
Honduras	—	8	0	2,362	2,362	—	76	76
Hong Kong	—	1	—	1	1	—	0	0
India	0	190	0	4,420	21,221	542	143	685
Indonesia	1	0	0	1,631	1,631	—	53	53
Ireland	—	0	—	199	1,452	40	6	47
Israel	—	2	0	608	608	—	20	20
Italy	—	2	—	1,014	8,283	234	33	267
Jamaica	—	4	—	255	255	—	8	8
Japan	1	9	5	15,945	15,945	—	514	514
Korea, South	0	9	—	6,410	17,192	348	207	555
Lebanon	—	0	—	0	0	—	0	0
Mexico	183	920	6	32,909	32,909	—	1,062	1,062
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	2,594	2,594	—	84	84
Mozambique	—	1	—	166	166	—	5	5
Netherlands	1	1	0	5,322	9,530	136	172	307
New Zealand	108	0	—	109	109	—	4	4
Nicaragua	—	3	—	316	606	9	10	20
Nigeria	—	108	—	1,172	1,172	—	38	38
Norway	—	0	—	2,283	2,383	3	74	77
Pakistan	—	0	0	0	0	—	0	0
Panama	42	14	—	3,445	3,445	—	111	111
Peru	—	73	0	4,939	5,664	23	159	183
Philippines	—	1	—	250	250	—	8	8
Portugal	—	—	—	450	1,881	46	15	61
Puerto Rico	0	16	—	42	42	—	1	1
Romania	—	0	—	61	61	—	2	2
Saudi Arabia	—	5	—	70	70	—	2	2
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	2	—	2,317	14,021	378	75	452
South Africa	—	16	—	71	71	—	2	2
Spain	—	2	—	1,499	5,746	137	48	185
Switzerland	—	0	0	705	1,538	27	23	50
Taiwan	—	7	0	343	3,968	117	11	128
Thailand	—	2	—	745	1,541	26	24	50
Trinidad and Tobago	—	3	0	1,355	1,355	—	44	44
Turkiye	—	1	—	1,813	1,813	—	58	58
United Arab Emirates	1	50	—	185	185	—	6	6
United Kingdom	—	2	0	1,352	8,961	245	44	289
Venezuela	—	7	—	8	8	—	0	0
Other	1	61	4	5,584	8,054	82	181	261
Total	690	2,502	23	165,417	269,384	3,354	5,336	8,690

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, February 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	—	—	263	—	—	—	—	—	—
Australia	744	0	—	4	—	—	—	0	—	0
Bahamas	—	21	—	—	—	42	42	—	0	0
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	9	1,335	—	319	—	—	—	—	—	—
Belize	—	0	—	—	—	—	—	—	—	—
Brazil	1,000	3	—	1,206	—	1,171	1,171	—	—	—
Canada	8,886	7,270	—	1,800	—	363	363	—	201	201
Cayman Islands	—	7	—	—	—	—	—	—	0	0
Chile	—	267	—	111	—	900	900	—	—	—
China	7,870	10,364	—	2	—	0	0	—	—	—
Colombia	—	66	—	779	—	300	300	—	—	—
Costa Rica	—	247	—	0	—	607	607	—	0	0
Denmark	600	—	—	—	—	—	—	—	—	—
Dominican Republic	121	854	—	0	—	225	225	—	—	—
Ecuador	—	1,063	—	0	—	900	900	—	—	—
Egypt	—	1,246	—	0	—	—	—	—	—	—
El Salvador	—	240	—	—	—	516	516	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—
France	4,322	848	—	32	—	—	—	—	—	—
Germany	2,766	1	—	3	—	—	—	—	—	—
Ghana	—	374	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	118	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	0	—	4	—	1,737	1,737	—	—	—
Honduras	—	205	—	1	—	159	159	—	0	0
Hong Kong	—	—	—	0	—	—	—	—	—	—
India	9,872	1,598	—	18	—	0	0	—	1	1
Indonesia	—	1,088	—	0	—	—	—	—	—	—
Ireland	1,850	—	—	—	—	—	—	—	—	—
Israel	—	—	—	—	—	—	—	—	—	—
Italy	4,869	261	—	0	—	—	—	—	—	—
Jamaica	—	28	—	0	—	461	461	—	—	—
Japan	—	12,396	—	331	—	1	1	0	—	0
Korea, South	9,182	5,204	—	5	—	1	1	1	0	2
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	6,208	—	411	—	12,048	12,048	0	668	668
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	1,736	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	10,216	1,573	—	3,100	—	1	1	—	—	—
New Zealand	—	0	—	—	—	—	—	—	—	—
Nicaragua	282	—	—	—	—	31	31	—	—	—
Nigeria	—	242	—	—	—	329	329	—	—	—
Norway	722	1,453	—	60	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	826	151	—	—	—	481	481	—	360	360
Peru	—	0	—	250	—	941	941	—	—	—
Philippines	—	—	—	0	—	—	—	—	—	—
Portugal	—	414	—	—	—	—	—	—	—	—
Puerto Rico	—	10	—	1	—	2	2	—	0	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	2	—	1	1	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	9,322	1,185	—	0	—	2	2	—	—	—
South Africa	—	556	—	—	—	321	321	—	—	—
Spain	2,673	803	—	—	—	300	300	—	—	—
Switzerland	—	—	—	0	—	—	—	—	310	310
Taiwan	5,964	—	—	625	—	0	0	—	—	—
Thailand	—	—	—	1	—	—	—	—	—	—
Trinidad and Tobago	—	1	—	0	—	0	0	—	—	—
Turkiye	—	900	—	—	—	0	0	—	—	—
United Arab Emirates	—	—	—	—	—	1	1	—	—	—
United Kingdom	6,450	982	—	0	—	0	0	0	—	0
Venezuela	—	0	—	1	—	3	3	—	—	—
Other	2,293	2,328	—	222	—	254	254	2	2	4
Total	90,839	63,528	—	9,669	—	22,098	22,098	3	1,542	1,546

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, February 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	—	NA	NA	521	452	599	—	1,572	0	—
Australia	0	—	NA	NA	0	—	—	—	0	—	—
Bahamas	0	0	NA	NA	508	—	442	—	950	—	—
Bahrain	0	—	NA	NA	—	—	—	—	—	0	—
Belgium	0	—	NA	NA	338	—	—	—	338	—	—
Belize	—	—	NA	NA	0	—	—	—	0	—	—
Brazil	303	—	NA	NA	1,535	126	—	—	1,661	218	—
Canada	741	82	NA	NA	0	72	99	—	171	142	—
Cayman Islands	—	—	NA	NA	—	—	—	—	—	—	—
Chile	1	—	NA	NA	2,624	—	—	—	2,624	—	—
China	0	—	NA	NA	2	—	—	—	2	—	—
Colombia	22	—	NA	NA	1,303	—	—	—	1,303	2	—
Costa Rica	0	—	NA	NA	704	—	—	—	704	—	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	0	—	NA	NA	37	—	300	—	337	0	—
Ecuador	—	—	NA	NA	—	—	285	—	285	—	—
Egypt	40	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	100	—	143	—	243	—	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	0	—	NA	NA	1	—	—	—	1	—	—
Germany	0	0	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	33	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	642	73	505	—	1,220	—	—
Honduras	0	—	NA	NA	142	—	—	—	142	0	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	493	—	NA	NA	0	—	—	—	0	—	—
Indonesia	0	—	NA	NA	—	—	—	—	—	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	0	—	NA	NA	—	—	—	—	—	0	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	13	—	NA	NA	0	69	258	—	327	0	—
Japan	1	—	NA	NA	—	—	—	—	—	0	—
Korea, South	516	—	NA	NA	0	165	—	—	165	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	127	—	NA	NA	6,042	30	0	—	6,072	4	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	180	—	NA	NA	—	—	354	—	354	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	—	—	147	—	147	20	—
Nigeria	120	—	NA	NA	0	—	—	—	0	—	—
Norway	—	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	1,037	368	102	—	1,507	—	—
Peru	84	42	NA	NA	2,003	—	—	—	2,003	0	—
Philippines	60	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	3	—	NA	NA	1	0	—	—	1	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	0	—	NA	NA	0	—	—	—	0	0	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	120	—	NA	NA	—	—	539	—	539	—	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	—	—	—	—	—	—	—
Switzerland	—	—	NA	NA	—	—	—	—	—	—	—
Taiwan	0	—	NA	NA	—	—	—	—	—	—	—
Thailand	—	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	—	258	400	—	658	—	—
Turkiye	0	—	NA	NA	1	—	—	—	1	—	—
United Arab Emirates	121	—	NA	NA	—	—	—	—	—	0	—
United Kingdom	279	—	NA	NA	0	—	—	—	0	—	—
Venezuela	0	—	NA	NA	0	—	—	—	0	—	—
Other	163	—	NA	NA	959	307	141	—	1,408	—	—
Total	3,420	124	NA	NA	18,500	1,920	4,314	—	24,735	386	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, February 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	32	-	23	-	88	0	-
Australia	-	-	-	-	-	-	1	154
Bahamas	-	102	-	863	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	120
Belize	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	42	1	1,632
Canada	-	945	-	426	-	-	96	369
Cayman Islands	-	-	-	0	-	-	-	-
Chile	-	487	-	0	-	-	-	-
China	-	-	-	2	-	-	4	3,854
Colombia	-	-	-	0	-	-	0	0
Costa Rica	-	192	-	-	-	-	-	182
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	439	-	283	-	-	1	182
Ecuador	-	-	-	-	-	-	0	209
Egypt	-	-	-	-	-	117	-	-
El Salvador	-	27	-	-	-	-	-	273
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	0
Germany	-	-	-	-	-	-	2	-
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	303
Guatemala	-	12	-	-	-	-	0	270
Honduras	-	58	-	-	-	-	0	293
Hong Kong	-	-	-	-	-	-	0	-
India	-	0	-	0	-	522	1	1,855
Indonesia	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	0	0
Italy	-	-	-	-	-	63	0	505
Jamaica	-	-	-	-	-	-	0	-
Japan	-	-	-	-	-	-	1	1,397
Korea, South	-	-	-	0	-	-	0	0
Lebanon	-	-	-	-	-	-	-	116
Mexico	-	1,387	-	331	-	172	17	1,240
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	550
Mozambique	-	-	-	-	-	-	-	41
Netherlands	-	-	-	-	-	-	1	423
New Zealand	-	-	-	-	-	-	0	-
Nicaragua	-	-	-	-	-	-	0	0
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	86
Pakistan	-	-	-	-	-	-	-	-
Panama	-	318	-	651	-	-	0	-
Peru	-	92	-	-	-	-	0	0
Philippines	-	-	-	-	-	-	0	-
Portugal	-	-	-	-	-	-	0	175
Puerto Rico	-	0	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	55
Saudi Arabia	-	-	-	-	-	-	0	0
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	523	-	-	-	325
South Africa	-	-	-	-	-	98	-	41
Spain	-	-	-	-	-	-	1	275
Switzerland	-	-	-	-	-	-	0	-
Taiwan	-	-	-	-	-	-	0	0
Thailand	-	-	-	-	-	112	0	50
Trinidad and Tobago	-	-	-	-	-	-	-	0
Turkiye	-	-	-	-	-	-	0	545
United Arab Emirates	-	-	-	-	-	-	0	-
United Kingdom	-	-	-	-	-	-	0	-
Venezuela	-	-	-	-	-	-	0	-
Other	-	96	-	382	-	-	2	627
Total	-	4,187	-	3,484	-	1,214	128	16,147

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, February 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	45	5	0	2,028	2,028	—	72	72
Australia	0	7	0	167	910	27	6	33
Bahamas	2	1	0	1,981	1,981	—	71	71
Bahrain	—	0	—	0	0	—	0	0
Belgium	—	230	0	2,343	2,352	0	84	84
Belize	—	1	—	1	1	—	0	0
Brazil	0	252	0	6,490	7,490	36	232	268
Canada	95	273	7	12,979	21,865	317	464	781
Cayman Islands	1	1	0	9	9	—	0	0
Chile	63	37	0	4,489	4,489	—	160	160
China	2	8	1	14,239	22,109	281	509	790
Colombia	0	153	0	2,625	2,625	—	94	94
Costa Rica	47	19	0	1,998	1,998	—	71	71
Denmark	—	0	—	0	600	21	0	21
Dominican Republic	1	41	0	2,363	2,485	4	84	89
Ecuador	0	48	—	2,506	2,506	—	90	90
Egypt	—	0	—	1,404	1,404	—	50	50
El Salvador	—	7	—	1,306	1,306	—	47	47
Finland	—	0	—	0	0	—	0	0
France	—	3	—	883	5,205	154	32	186
Germany	1	4	2	13	2,779	99	0	99
Ghana	—	0	—	374	374	—	13	13
Gibraltar	—	—	—	151	151	—	5	5
Greece	—	0	—	303	303	—	11	11
Guatemala	—	22	—	3,264	3,264	—	117	117
Honduras	—	12	—	871	871	—	31	31
Hong Kong	—	1	—	1	1	—	0	0
India	0	112	0	4,601	14,473	353	164	517
Indonesia	—	1	—	1,089	1,089	—	39	39
Ireland	—	0	—	0	1,850	66	0	66
Israel	—	1	0	2	2	—	0	0
Italy	—	0	—	830	5,699	174	30	204
Jamaica	0	3	—	833	833	—	30	30
Japan	2	6	5	14,139	14,139	—	505	505
Korea, South	—	8	0	5,901	15,083	328	211	539
Lebanon	—	0	—	116	116	—	4	4
Mexico	156	1,020	15	29,878	29,878	—	1,067	1,067
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	2,286	2,286	—	82	82
Mozambique	—	—	—	41	41	—	1	1
Netherlands	0	6	1	5,640	15,856	365	201	566
New Zealand	0	1	—	1	1	—	0	0
Nicaragua	—	4	—	202	484	10	7	17
Nigeria	0	11	—	702	702	—	25	25
Norway	—	0	—	1,600	2,321	26	57	83
Pakistan	—	—	—	—	—	—	—	—
Panama	—	22	0	3,490	4,316	29	125	154
Peru	0	28	—	3,440	3,440	—	123	123
Philippines	—	1	—	61	61	—	2	2
Portugal	—	0	—	588	588	—	21	21
Puerto Rico	54	18	—	88	88	—	3	3
Romania	—	1	—	56	56	—	2	2
Saudi Arabia	0	4	—	8	8	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	45	—	2,737	12,059	333	98	431
South Africa	—	1	—	1,017	1,017	—	36	36
Spain	—	1	—	1,381	4,054	95	49	145
Switzerland	—	0	—	310	310	—	11	11
Taiwan	0	3	—	630	6,594	213	22	235
Thailand	—	3	0	165	165	—	6	6
Trinidad and Tobago	—	3	—	663	663	—	24	24
Turkiye	—	52	—	1,500	1,500	—	54	54
United Arab Emirates	1	21	—	144	144	—	5	5
United Kingdom	0	1	0	1,263	7,713	230	45	275
Venezuela	—	6	—	11	11	—	0	0
Other	5	53	4	5,533	7,827	83	199	280
Total	475	2,561	35	153,734	244,573	3,244	5,491	8,735

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, March 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	274	-	-	-	-	-	-
Australia	-	577	-	3	-	-	-	1	0	1
Bahamas	-	22	-	0	-	38	38	-	23	23
Bahrain	-	0	-	0	-	0	0	-	-	-
Belgium	307	3,907	-	334	-	-	-	-	0	0
Belize	-	8	-	-	-	-	-	-	-	-
Brazil	5,694	1,746	-	1,563	-	932	932	-	-	-
Canada	9,084	7,203	-	2,179	-	407	407	-	600	600
Cayman Islands	-	8	-	-	-	36	36	-	0	0
Chile	-	1,393	-	10	-	1,056	1,056	-	-	-
China	5,717	9,426	-	6	-	-	-	-	0	0
Colombia	1,075	60	-	1,785	-	1,419	1,419	-	-	-
Costa Rica	-	194	-	6	-	600	600	-	-	-
Denmark	1,933	-	-	-	-	-	-	-	-	-
Dominican Republic	502	1,394	-	0	-	25	25	-	-	-
Ecuador	-	1,062	-	310	-	308	308	-	299	299
Egypt	-	981	-	0	-	-	-	-	-	-
El Salvador	-	391	-	0	-	275	275	-	-	-
Finland	-	648	-	-	-	-	-	-	-	-
France	6,637	297	-	666	-	1	1	-	-	-
Germany	699	0	-	3	-	-	-	-	-	-
Ghana	-	-	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	413	-	1	-	869	869	-	0	0
Honduras	-	626	-	-	-	659	659	-	0	0
Hong Kong	-	-	-	-	-	-	-	-	-	-
India	4,736	2,585	-	1	-	-	-	0	-	0
Indonesia	-	4,341	-	0	-	-	-	-	-	-
Ireland	1,961	-	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-	-
Italy	4,361	-	-	-	-	-	-	-	-	-
Jamaica	-	36	-	-	-	57	57	-	-	-
Japan	-	11,722	-	1	-	0	0	2	-	2
Korea, South	9,704	4,100	-	202	-	1	1	-	0	0
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	5,883	-	837	-	13,718	13,718	-	1,071	1,071
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	1,600	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	8,864	2,592	-	3,237	-	-	-	-	-	-
New Zealand	-	1	-	0	-	-	-	-	-	-
Nicaragua	288	50	-	-	-	39	39	-	-	-
Nigeria	-	380	-	0	-	-	-	-	-	-
Norway	1,505	-	-	40	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	-	211	-	-	-	674	674	-	325	325
Peru	-	250	-	5	-	1,356	1,356	-	-	-
Philippines	-	0	-	0	-	-	-	-	-	-
Portugal	738	687	-	-	-	-	-	-	-	-
Puerto Rico	-	11	-	3	-	3	3	0	0	0
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	645	-	1	1	-	0	0
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	11,909	1,425	-	8	-	0	0	-	0	0
South Africa	-	0	-	0	-	-	-	-	-	-
Spain	4,929	1,151	-	-	-	-	-	-	-	-
Switzerland	-	-	-	0	-	-	-	-	-	-
Taiwan	6,910	-	-	326	-	0	0	-	-	-
Thailand	2,905	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	-	1	-	0	-	0	0	-	-	-
Turkiye	-	1,072	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	1	1	0	-	0
United Kingdom	5,412	1,766	-	0	-	1	1	-	-	-
Venezuela	-	1	-	0	-	-	-	-	0	0
Other	3,205	1,958	-	31	-	112	112	-	2	1
Total	99,075	72,179	-	12,477	-	22,588	22,588	3	2,320	2,322

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, March 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	—	NA	NA	1,385	—	285	—	1,670	—	—
Australia	0	—	NA	NA	0	—	—	—	0	—	—
Bahamas	—	—	NA	NA	294	—	5	—	299	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	0	NA	NA	628	—	—	—	628	—	—
Belize	—	—	NA	NA	0	75	—	—	75	—	—
Brazil	0	—	NA	NA	3,746	19	407	—	4,171	123	—
Canada	815	147	NA	NA	2	73	357	—	432	1	—
Cayman Islands	0	—	NA	NA	89	—	—	—	89	—	—
Chile	0	—	NA	NA	4,437	—	—	—	4,437	—	—
China	0	—	NA	NA	3	—	—	—	3	0	—
Colombia	57	—	NA	NA	2,369	—	—	—	2,369	1	—
Costa Rica	—	—	NA	NA	721	—	—	—	721	—	—
Denmark	—	—	NA	NA	107	—	—	—	107	—	—
Dominican Republic	2	—	NA	NA	337	249	297	—	883	—	—
Ecuador	—	—	NA	NA	2,019	—	—	—	2,019	—	—
Egypt	34	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	283	208	—	—	491	—	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	0	—	NA	NA	316	—	—	—	316	0	—
Germany	0	2	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	33	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	639	500	—	—	1,140	—	—
Honduras	—	—	NA	NA	149	548	115	—	812	—	—
Hong Kong	0	—	NA	NA	—	—	—	—	—	—	—
India	343	—	NA	NA	1	—	—	—	1	—	—
Indonesia	—	0	NA	NA	—	—	—	—	—	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	0	—	NA	NA	0	—	—	—	0	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	58	—	NA	NA	112	—	20	—	132	—	—
Japan	0	—	NA	NA	—	—	—	—	—	—	—
Korea, South	324	—	NA	NA	2	—	—	—	2	0	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	204	0	NA	NA	5,943	378	0	—	6,322	4	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	183	21	NA	NA	900	163	267	—	1,331	—	—
New Zealand	—	—	NA	NA	0	—	—	—	0	0	—
Nicaragua	—	—	NA	NA	147	85	—	—	232	45	—
Nigeria	257	—	NA	NA	1	—	—	—	1	—	—
Norway	—	—	NA	NA	199	—	—	—	199	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	0	—	NA	NA	1,170	394	340	—	1,905	—	—
Peru	79	—	NA	NA	2,300	296	—	—	2,596	—	—
Philippines	65	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	9	—	NA	NA	292	—	—	—	292	1	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	63	0	NA	NA	0	—	—	—	0	1	—
Serbia (Excludes Kosovo)	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	159	0	NA	NA	263	—	440	—	703	—	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	—	—	—	—	—	—	—
Switzerland	2	—	NA	NA	—	—	—	—	—	—	—
Taiwan	0	—	NA	NA	—	—	—	—	—	—	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	0	—	NA	NA	244	—	240	—	484	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	0	—	NA	NA	—	—	—	—	—	0	—
United Kingdom	0	—	NA	NA	986	—	—	—	986	1	—
Venezuela	—	—	NA	NA	—	—	—	—	—	—	—
Other	7	1	NA	NA	757	340	314	—	1,409	25	—
Total	2,694	171	NA	NA	30,841	3,328	3,087	—	37,257	202	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, March 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	0	-	-	-	273	0	156
Australia	-	-	-	-	-	-	1	173
Bahamas	-	26	-	800	-	-	-	-
Bahrain	-	-	-	-	-	-	0	-
Belgium	-	-	-	-	-	-	0	284
Belize	-	-	-	-	-	-	-	-
Brazil	-	-	-	0	-	78	0	1,581
Canada	-	1,116	-	669	-	-	115	368
Cayman Islands	-	12	-	0	-	-	-	-
Chile	-	490	-	-	-	-	1	-
China	-	-	-	3	-	-	3	3,391
Colombia	-	241	-	-	-	-	1	1
Costa Rica	-	178	-	-	-	-	0	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	126	-	189	-	-	0	-
Ecuador	-	-	-	0	-	-	0	212
Egypt	-	-	-	-	-	151	-	530
El Salvador	-	89	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	278
France	-	-	-	-	-	-	0	51
Germany	-	-	-	-	-	-	1	0
Ghana	-	-	-	-	-	-	-	46
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	138
Guatemala	-	55	-	-	-	-	0	273
Honduras	-	44	-	-	-	-	-	871
Hong Kong	-	-	-	-	-	-	0	-
India	-	0	-	-	-	544	2	2,300
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	0	-
Israel	-	-	-	-	-	-	0	0
Italy	-	-	-	-	-	-	0	596
Jamaica	-	80	-	-	-	-	0	0
Japan	-	0	-	0	-	-	1	641
Korea, South	-	0	-	225	-	-	0	0
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	1,610	-	246	-	57	22	1,814
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	151
Mozambique	-	-	-	-	-	-	-	-
Netherlands	-	100	-	0	-	-	13	364
New Zealand	-	-	-	-	-	-	0	-
Nicaragua	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	83
Pakistan	-	-	-	-	-	-	0	-
Panama	-	675	-	504	-	-	-	-
Peru	-	278	-	10	-	-	0	-
Philippines	-	-	-	-	-	-	-	540
Portugal	-	-	-	-	-	-	-	193
Puerto Rico	-	0	-	-	-	-	0	-
Romania	-	-	-	-	-	-	0	-
Saudi Arabia	-	-	-	4	-	-	0	13
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	851	-	-	0	0
South Africa	-	-	-	-	-	-	-	0
Spain	-	-	-	-	-	-	1	116
Switzerland	-	-	-	-	-	-	0	-
Taiwan	-	-	-	-	-	-	-	-
Thailand	-	-	-	-	-	194	0	-
Trinidad and Tobago	-	290	-	0	-	-	0	0
Turkiye	-	-	-	-	-	-	-	1,366
United Arab Emirates	-	-	-	-	-	-	0	0
United Kingdom	-	-	-	-	-	-	0	-
Venezuela	-	-	-	-	-	-	-	-
Other	-	94	-	395	-	-	3	862
Total	-	5,504	-	3,896	-	1,297	164	17,392

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, March 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	—	34	22	2,430	2,430	—	78	78
Australia	1	7	1	763	763	—	25	25
Bahamas	1	3	0	1,212	1,212	—	39	39
Bahrain	—	—	—	1	1	—	0	0
Belgium	0	682	1	5,837	6,144	10	188	198
Belize	—	1	—	84	84	—	3	3
Brazil	0	303	1	10,501	16,195	184	339	522
Canada	134	303	8	14,497	23,581	293	468	761
Cayman Islands	2	1	—	149	149	—	5	5
Chile	40	122	—	7,549	7,549	—	244	244
China	2	10	0	12,846	18,563	184	414	599
Colombia	0	127	0	6,060	7,135	35	195	230
Costa Rica	42	9	—	1,750	1,750	—	56	56
Denmark	—	—	—	107	2,040	62	3	66
Dominican Republic	44	29	—	2,692	3,194	16	87	103
Ecuador	0	55	8	4,273	4,273	—	138	138
Egypt	—	1	—	1,697	1,697	—	55	55
El Salvador	—	57	—	1,303	1,303	—	42	42
Finland	—	0	—	927	927	—	30	30
France	—	53	—	1,384	8,021	214	45	259
Germany	3	3	0	12	711	23	0	23
Ghana	—	0	—	47	47	—	2	2
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	170	170	—	5	5
Guatemala	0	25	—	2,775	2,775	—	90	90
Honduras	—	14	—	3,026	3,026	—	98	98
Hong Kong	—	1	0	1	1	—	0	0
India	0	156	0	5,933	10,669	153	191	344
Indonesia	1	1	0	4,343	4,343	—	140	140
Ireland	—	—	0	0	1,962	63	0	63
Israel	—	1	—	1	1	—	0	0
Italy	—	1	—	597	4,958	141	19	160
Jamaica	0	5	0	368	368	—	12	12
Japan	3	22	6	12,398	12,398	—	400	400
Korea, South	0	6	0	4,861	14,565	313	157	470
Lebanon	—	0	—	0	0	—	0	0
Mexico	113	753	18	32,671	32,671	—	1,054	1,054
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	1,752	1,752	—	57	57
Mozambique	—	—	—	—	—	—	—	—
Netherlands	0	5	0	7,849	16,712	286	253	539
New Zealand	—	0	—	1	1	—	0	0
Nicaragua	—	4	—	370	658	9	12	21
Nigeria	0	370	—	1,009	1,009	—	33	33
Norway	—	0	—	322	1,827	49	10	59
Pakistan	—	0	0	0	0	—	0	0
Panama	35	22	—	4,351	4,351	—	140	140
Peru	—	81	0	4,656	4,656	—	150	150
Philippines	—	1	0	607	607	—	20	20
Portugal	—	0	—	879	1,617	24	28	52
Puerto Rico	0	26	0	346	346	—	11	11
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	6	—	733	733	—	24	24
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	18	0	3,166	15,075	384	102	486
South Africa	0	1	—	1	1	—	0	0
Spain	—	1	—	1,269	6,198	159	41	200
Switzerland	—	0	—	2	2	—	0	0
Taiwan	1	4	—	330	7,240	223	11	234
Thailand	—	3	0	199	3,103	94	6	100
Trinidad and Tobago	—	22	0	798	798	—	26	26
Turkiye	—	14	—	2,452	2,452	—	79	79
United Arab Emirates	0	11	—	13	13	—	0	0
United Kingdom	0	1	0	2,756	8,168	175	89	263
Venezuela	—	5	—	6	6	—	0	0
Other	11	52	17	4,959	8,164	102	160	262
Total	433	3,432	82	182,091	281,165	3,196	5,874	9,070

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, April 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	—	—	226	—	—	—	—	0	0
Australia	—	6	—	3	—	0	0	0	—	0
Bahamas	—	21	—	0	—	74	74	—	—	—
Bahrain	—	—	—	0	—	—	—	—	—	—
Belgium	9	1,031	—	338	—	—	—	—	—	—
Belize	—	26	—	—	—	—	—	—	—	—
Brazil	4,129	695	—	2,011	—	859	859	—	—	—
Canada	9,827	8,188	—	1,826	—	773	773	—	1,134	1,134
Cayman Islands	—	4	—	—	—	10	10	—	—	—
Chile	—	787	—	151	—	1,129	1,129	0	—	0
China	5,844	9,387	—	4	—	—	—	—	—	—
Colombia	1,125	64	—	828	—	748	748	—	—	—
Costa Rica	—	254	—	24	—	600	600	—	—	—
Denmark	2,557	—	—	—	—	—	—	—	—	—
Dominican Republic	850	1,250	—	—	—	512	512	0	0	0
Ecuador	—	1,065	—	0	—	324	324	—	—	—
Egypt	—	1,960	—	0	—	—	—	—	—	—
El Salvador	—	240	—	0	—	648	648	—	—	—
Finland	—	902	—	0	—	—	—	—	—	—
France	4,502	243	—	336	—	—	—	—	—	—
Germany	4,626	1	—	4	—	—	—	—	—	—
Ghana	—	246	—	0	—	—	—	—	—	—
Gibraltar	—	156	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	413	—	6	—	1,293	1,293	0	0	0
Honduras	—	368	—	9	—	445	445	—	—	—
Hong Kong	—	—	—	0	—	—	—	—	—	—
India	6,507	2,139	—	0	—	—	—	—	0	0
Indonesia	—	2,362	—	0	—	—	—	—	—	—
Ireland	625	—	—	—	—	1	1	—	—	—
Israel	—	—	—	0	—	—	—	—	—	—
Italy	4,801	—	—	8	—	—	—	—	—	—
Jamaica	—	18	—	0	—	68	68	0	—	0
Japan	1,895	9,718	—	117	—	0	0	2	—	2
Korea, South	6,746	6,326	—	8	—	1	1	0	0	1
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	4,440	—	624	—	16,137	16,137	—	915	915
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	2,089	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	10,373	1,846	—	2,259	—	1	1	—	—	—
New Zealand	—	—	—	0	—	—	—	—	—	—
Nicaragua	577	—	—	—	—	45	45	—	—	—
Nigeria	—	—	—	—	—	3	3	—	—	—
Norway	—	529	—	121	—	—	—	—	—	—
Pakistan	—	—	—	13	—	0	0	—	—	—
Panama	—	201	—	0	—	514	514	—	108	108
Peru	1,076	—	—	4	—	697	697	—	—	—
Philippines	—	0	—	—	—	—	—	—	—	—
Portugal	—	810	—	—	—	—	—	—	—	—
Puerto Rico	—	8	—	2	—	1	1	0	0	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	1	—	0	—	0	0	—	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	7,784	2,860	—	176	—	1	1	—	—	—
South Africa	—	752	—	3	—	—	—	0	—	0
Spain	8,546	1,951	—	—	—	—	—	—	—	—
Switzerland	—	1,450	—	0	—	—	—	—	0	0
Taiwan	4,323	—	—	320	—	0	0	—	—	—
Thailand	1,320	—	—	1	—	—	—	—	—	—
Trinidad and Tobago	—	0	—	0	—	0	0	—	—	—
Turkiye	—	1,638	—	—	—	—	—	—	—	—
United Arab Emirates	—	162	—	0	—	1	1	0	—	0
United Kingdom	13,244	2,184	—	0	—	1	1	—	—	—
Venezuela	—	0	—	—	—	—	—	—	—	—
Other	3,855	3,836	—	24	—	100	100	1	1	1
Total	105,141	72,627	—	9,446	—	24,986	24,986	3	2,158	2,161

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, April 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	1,113	265	—	—	1,378	—	—
Australia	0	0	NA	NA	2	—	—	—	2	—	—
Bahamas	—	—	NA	NA	375	—	203	—	578	0	—
Bahrain	0	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	284	—	50	—	334	—	—
Belize	—	—	NA	NA	—	10	—	—	10	—	—
Brazil	807	—	NA	NA	4,168	419	282	—	4,869	—	—
Canada	956	408	NA	NA	15	285	171	—	471	4	—
Cayman Islands	—	—	NA	NA	14	—	—	—	14	—	—
Chile	84	—	NA	NA	3,890	157	—	—	4,048	—	—
China	0	—	NA	NA	2	—	0	—	2	—	—
Colombia	—	—	NA	NA	1,839	—	—	—	1,839	1	—
Costa Rica	0	—	NA	NA	886	—	—	—	886	0	—
Denmark	—	—	NA	NA	—	—	146	—	146	—	—
Dominican Republic	2	—	NA	NA	584	—	291	—	875	0	—
Ecuador	0	—	NA	NA	617	—	—	—	617	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	89	205	—	—	294	—	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	33	—	NA	NA	602	—	—	—	602	—	—
Germany	0	3	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	280	—	280	—	—
Greece	33	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	519	667	—	—	1,186	0	—
Honduras	—	—	NA	NA	443	337	134	—	914	0	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	180	—	NA	NA	2	—	—	—	2	—	—
Indonesia	0	0	NA	NA	—	—	—	—	—	—	—
Ireland	—	—	NA	NA	—	—	—	—	—	—	—
Israel	1	—	NA	NA	0	—	—	—	0	—	—
Italy	16	—	NA	NA	—	—	—	—	—	—	—
Jamaica	18	—	NA	NA	0	157	—	—	157	—	—
Japan	0	—	NA	NA	—	—	—	—	—	—	—
Korea, South	816	—	NA	NA	0	—	—	—	0	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	133	1	NA	NA	10,880	356	0	—	11,237	2	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	0	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	339	39	NA	NA	240	—	361	—	601	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	0	—
Nicaragua	0	—	NA	NA	289	102	—	—	390	50	—
Nigeria	136	—	NA	NA	—	—	—	—	—	—	—
Norway	—	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	0	—	NA	NA	1,074	200	145	—	1,419	2	—
Peru	114	181	NA	NA	2,351	—	—	—	2,351	—	—
Philippines	155	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	3	—	NA	NA	84	—	—	—	84	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	40	—	NA	NA	—	—	—	—	—	1	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	308	1	NA	NA	379	—	170	—	549	—	—
South Africa	—	—	NA	NA	0	—	—	—	0	—	—
Spain	—	—	NA	NA	—	—	—	—	—	—	—
Switzerland	3	—	NA	NA	—	5	—	—	5	—	—
Taiwan	0	—	NA	NA	—	—	—	—	—	—	—
Thailand	—	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	0	—	NA	NA	521	—	—	—	521	—	—
Turkiye	24	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	80	—	NA	NA	—	—	—	—	—	0	—
United Kingdom	305	—	NA	NA	327	—	—	—	327	—	—
Venezuela	0	—	NA	NA	1	—	—	—	1	—	—
Other	42	0	NA	NA	400	276	351	—	1,026	2	—
Total	4,628	632	NA	NA	31,990	3,441	2,584	—	38,015	62	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, April 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	-	-	-	0	203
Australia	-	-	-	-	-	-	1	241
Bahamas	-	154	-	608	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	58
Belize	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	1	1,902
Canada	-	505	-	452	-	-	116	480
Cayman Islands	-	19	-	0	-	-	-	-
Chile	-	459	-	0	-	-	1	0
China	-	0	-	3	-	-	4	4,134
Colombia	-	55	-	-	-	-	0	-
Costa Rica	-	230	-	66	-	-	0	0
Denmark	-	-	-	-	-	-	-	292
Dominican Republic	-	115	-	-	-	-	0	-
Ecuador	-	-	-	1	-	-	0	204
Egypt	-	-	-	-	-	60	-	-
El Salvador	-	33	-	0	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	139
Germany	-	-	-	1	-	-	1	333
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	137	-	-	-	-
Greece	-	-	-	0	-	-	-	165
Guatemala	-	71	-	0	-	-	0	474
Honduras	-	76	-	-	-	-	0	-
Hong Kong	-	-	-	-	-	-	0	-
India	-	-	-	0	-	827	2	595
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	-	-
Israel	-	333	-	0	-	-	0	0
Italy	-	-	-	-	-	-	0	611
Jamaica	-	80	-	-	-	-	0	-
Japan	-	-	-	0	-	-	1	1,026
Korea, South	-	0	-	240	-	-	0	0
Lebanon	-	0	-	-	-	-	-	-
Mexico	-	2,398	-	272	-	57	16	1,653
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	454
Mozambique	-	-	-	-	-	-	-	144
Netherlands	-	-	-	290	-	-	1	577
New Zealand	-	-	-	-	-	-	-	94
Nicaragua	-	0	-	-	-	-	-	66
Nigeria	-	0	-	-	-	-	0	-
Norway	-	-	-	-	-	-	-	86
Pakistan	-	-	-	-	-	-	-	-
Panama	-	474	-	312	-	-	-	99
Peru	-	15	-	-	-	-	0	0
Philippines	-	-	-	-	-	-	0	0
Portugal	-	-	-	-	-	-	-	193
Puerto Rico	-	140	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	0	33
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	348	-	-	-	-
South Africa	-	-	-	-	-	-	0	88
Spain	-	-	-	-	-	-	1	1,002
Switzerland	-	-	-	-	-	-	-	28
Taiwan	-	0	-	-	-	-	0	0
Thailand	-	-	-	0	-	132	0	0
Trinidad and Tobago	-	329	-	-	-	-	-	0
Turkiye	-	-	-	-	-	-	0	1,738
United Arab Emirates	-	-	-	-	-	-	0	-
United Kingdom	-	-	-	-	-	-	0	55
Venezuela	-	-	-	-	-	-	-	-
Other	-	674	-	797	-	-	3	659
Total	-	6,160	-	3,527	-	1,076	148	17,826

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, April 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	70	42	—	1,919	1,919	—	64	64
Australia	0	9	0	262	262	—	9	9
Bahamas	1	2	2	1,439	1,439	—	48	48
Bahrain	—	0	—	0	0	—	0	0
Belgium	1	405	2	2,169	2,178	0	72	73
Belize	—	0	—	36	36	—	1	1
Brazil	0	267	1	11,412	15,541	138	380	518
Canada	78	335	8	15,736	25,563	328	525	852
Cayman Islands	1	1	—	49	49	—	2	2
Chile	40	100	0	6,800	6,800	—	227	227
China	0	15	1	13,550	19,395	195	452	646
Colombia	0	66	0	3,603	4,728	38	120	158
Costa Rica	1	23	0	2,084	2,084	—	69	69
Denmark	—	0	—	438	2,996	85	15	100
Dominican Republic	42	18	0	2,814	3,664	28	94	122
Ecuador	0	87	8	2,308	2,308	—	77	77
Egypt	—	0	—	2,020	2,020	—	67	67
El Salvador	0	8	—	1,224	1,224	—	41	41
Finland	—	0	—	902	902	—	30	30
France	—	56	—	1,409	5,911	150	47	197
Germany	5	2	0	350	4,976	154	12	166
Ghana	—	0	—	247	247	—	8	8
Gibraltar	—	—	—	573	573	—	19	19
Greece	—	—	—	198	198	—	7	7
Guatemala	—	25	—	3,468	3,468	—	116	116
Honduras	42	12	—	1,867	1,867	—	62	62
Hong Kong	—	1	0	1	1	—	0	0
India	0	101	0	3,848	10,355	217	128	345
Indonesia	—	1	—	2,364	2,364	—	79	79
Ireland	—	—	0	1	626	21	0	21
Israel	—	1	—	335	335	—	11	11
Italy	—	2	—	636	5,438	160	21	181
Jamaica	—	9	0	351	351	—	12	12
Japan	0	6	6	10,875	12,770	63	363	426
Korea, South	—	6	0	7,398	14,144	225	247	471
Lebanon	—	0	—	0	0	—	0	0
Mexico	98	652	21	38,655	38,655	—	1,289	1,289
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	2,543	2,543	—	85	85
Mozambique	—	0	—	144	144	—	5	5
Netherlands	1	103	0	6,057	16,430	346	202	548
New Zealand	90	0	—	184	184	—	6	6
Nicaragua	—	4	—	556	1,134	19	19	38
Nigeria	—	22	—	161	161	—	5	5
Norway	—	0	—	736	736	—	25	25
Pakistan	—	0	—	14	14	—	0	0
Panama	—	26	—	3,155	3,155	—	105	105
Peru	—	120	0	3,482	4,558	36	116	152
Philippines	—	1	0	156	156	—	5	5
Portugal	—	0	—	1,003	1,003	—	33	33
Puerto Rico	0	21	0	260	260	—	9	9
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	5	0	80	80	—	3	3
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	3	0	4,247	12,030	259	142	401
South Africa	0	115	—	958	958	—	32	32
Spain	—	3	—	2,957	11,502	285	99	383
Switzerland	—	0	—	1,486	1,486	—	50	50
Taiwan	—	4	—	325	4,648	144	11	155
Thailand	0	2	0	135	1,455	44	5	48
Trinidad and Tobago	—	5	0	856	856	—	29	29
Turkiye	0	76	—	3,477	3,477	—	116	116
United Arab Emirates	2	57	—	303	303	—	10	10
United Kingdom	0	1	0	2,874	16,118	441	96	537
Venezuela	—	9	—	10	10	—	0	0
Other	85	75	4	7,307	11,160	129	238	371
Total	557	2,904	53	184,807	289,948	3,505	6,160	9,665

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, May 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	266	—	169	—	301	301	—	—	—
Australia	751	626	—	3	—	—	—	0	—	0
Bahamas	—	82	—	—	—	330	330	—	248	248
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	1,234	—	8	—	—	—	—	—	—
Belize	—	25	—	—	—	—	—	—	—	—
Brazil	1,077	2,885	—	1,815	—	459	459	—	—	—
Canada	8,646	7,149	—	2,222	—	738	738	—	605	605
Cayman Islands	—	0	—	—	—	—	—	0	—	0
Chile	—	1,269	—	11	—	1,554	1,554	1	—	1
China	2,093	10,665	—	2	—	—	—	—	—	—
Colombia	1,032	152	—	1,686	—	600	600	—	0	0
Costa Rica	—	206	—	24	—	900	900	—	—	—
Denmark	1,280	—	—	—	—	—	—	—	—	—
Dominican Republic	998	1,467	—	0	—	500	500	—	0	0
Ecuador	—	1,111	—	552	—	299	299	—	0	0
Egypt	—	2,355	—	0	—	—	—	—	—	—
El Salvador	—	479	—	0	—	631	631	—	—	—
Finland	—	1,258	—	—	—	—	—	—	—	—
France	6,615	295	—	27	—	—	—	—	—	—
Germany	2,186	—	—	2	—	0	0	—	—	—
Ghana	—	239	—	—	—	—	—	—	—	—
Gibraltar	—	444	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	—	—
Guatemala	—	237	—	3	—	1,189	1,189	—	0	0
Honduras	—	470	—	9	—	339	339	—	—	—
Hong Kong	—	—	—	—	—	—	—	—	—	—
India	8,297	2,879	—	0	—	—	—	—	—	—
Indonesia	629	3,753	—	1	—	—	—	—	—	—
Ireland	580	—	—	—	—	—	—	—	—	—
Israel	—	—	—	—	—	—	—	—	—	—
Italy	7,615	226	—	0	—	—	—	—	—	—
Jamaica	—	0	—	0	—	31	31	—	—	—
Japan	1,584	11,485	—	330	—	0	0	5	—	5
Korea, South	10,746	4,887	—	0	—	1	1	—	0	0
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	4,782	—	431	—	17,826	17,826	0	396	396
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	1,875	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	8,720	2,356	—	686	—	1	1	—	—	—
New Zealand	—	1	—	0	—	—	—	—	—	—
Nicaragua	—	—	—	—	—	40	40	—	—	—
Nigeria	—	241	—	0	—	503	503	—	—	—
Norway	997	643	—	141	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—
Panama	297	209	—	0	—	537	537	0	0	0
Peru	699	515	—	30	—	880	880	—	—	—
Philippines	—	—	—	0	—	—	—	—	—	—
Portugal	710	1,381	—	—	—	—	—	—	—	—
Puerto Rico	—	7	—	1	—	2	2	0	0	0
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	321	—	—	—	—	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	8,980	1,130	—	526	—	—	—	—	0	0
South Africa	—	535	—	—	—	—	—	—	—	—
Spain	7,458	1,131	—	—	—	—	—	—	—	—
Switzerland	744	—	—	—	—	—	—	—	—	—
Taiwan	5,564	—	—	1	—	1	1	—	—	—
Thailand	2,050	0	—	1	—	—	—	—	—	—
Trinidad and Tobago	—	1	—	0	—	0	0	—	—	—
Turkiye	—	783	—	0	—	—	—	—	0	0
United Arab Emirates	—	—	—	0	—	—	—	—	—	—
United Kingdom	10,633	908	—	0	—	1	1	0	—	0
Venezuela	—	—	—	1	—	—	—	—	—	—
Other	1,492	3,279	—	134	—	161	161	1	2	3
Total	102,473	75,921	—	9,137	—	27,824	27,824	7	1,251	1,258

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, May 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	0	NA	NA	1,462	—	—	—	1,462	—	—
Australia	0	—	NA	NA	—	—	—	—	—	—	—
Bahamas	1	—	NA	NA	328	50	225	—	603	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	—	—	—	—	—	—	—
Belize	—	—	NA	NA	2	30	—	—	32	—	—
Brazil	126	—	NA	NA	2,470	119	335	—	2,925	136	—
Canada	997	493	NA	NA	2	745	166	—	913	4	—
Cayman Islands	—	—	NA	NA	75	—	—	—	75	—	—
Chile	85	—	NA	NA	4,995	—	—	—	4,995	—	—
China	1	0	NA	NA	1	—	—	—	1	—	—
Colombia	17	—	NA	NA	1,167	—	—	—	1,167	3	—
Costa Rica	1	—	NA	NA	702	—	—	—	702	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	1	—	NA	NA	401	—	489	—	889	0	—
Ecuador	—	—	NA	NA	1,420	—	—	—	1,420	—	—
Egypt	17	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	118	15	130	—	263	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	29	—	NA	NA	307	—	—	—	307	—	—
Germany	1	2	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	352	375	150	—	877	0	—
Honduras	—	—	NA	NA	198	301	—	—	499	0	—
Hong Kong	0	—	NA	NA	—	—	—	—	—	—	—
India	107	0	NA	NA	1	0	—	—	1	—	—
Indonesia	0	—	NA	NA	—	—	—	—	—	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	2	—	NA	NA	—	—	—	—	—	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	50	—	NA	NA	324	—	94	—	418	—	—
Japan	1	—	NA	NA	0	—	—	—	0	1	—
Korea, South	519	—	NA	NA	3	—	—	—	3	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	85	1	NA	NA	10,484	19	3	—	10,505	1	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	31	—	—	31	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	401	62	NA	NA	194	240	—	—	434	0	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	99	—	—	—	99	0	—
Nigeria	107	—	NA	NA	1	—	—	—	1	2	—
Norway	—	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	0	—	NA	NA	1,096	230	853	—	2,179	1	—
Peru	130	139	NA	NA	1,938	214	—	—	2,152	—	—
Philippines	0	—	NA	NA	—	—	—	—	—	0	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	5	—	NA	NA	0	150	—	—	150	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	40	—	NA	NA	—	—	—	—	—	1	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	50	2	NA	NA	0	—	50	—	50	0	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	40	—	NA	NA	128	—	—	—	128	—	—
Switzerland	30	—	NA	NA	—	—	—	—	—	—	—
Taiwan	1	—	NA	NA	1	—	—	—	1	0	—
Thailand	—	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	1	—	NA	NA	370	220	240	—	830	—	—
Turkiye	—	—	NA	NA	0	—	—	—	0	—	—
United Arab Emirates	80	—	NA	NA	—	—	—	—	—	0	—
United Kingdom	192	—	NA	NA	603	—	—	—	603	—	—
Venezuela	—	—	NA	NA	—	—	—	—	—	—	—
Other	197	—	NA	NA	821	608	482	—	1,912	1	—
Total	3,314	699	NA	NA	30,063	3,347	3,217	—	36,627	150	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, May 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	-	-	-	1	-
Australia	-	-	-	0	-	-	1	286
Bahamas	-	94	-	252	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	0
Belize	-	10	-	-	-	-	-	-
Brazil	-	328	-	-	-	44	1	2,671
Canada	-	374	-	718	-	1	107	636
Cayman Islands	-	37	-	0	-	-	-	-
Chile	-	315	-	-	-	-	0	-
China	-	-	-	3	-	-	4	2,782
Colombia	-	0	-	0	-	-	0	0
Costa Rica	-	215	-	-	-	-	0	28
Denmark	-	-	-	-	-	-	-	127
Dominican Republic	-	160	-	-	-	-	0	182
Ecuador	-	-	-	-	-	-	-	231
Egypt	-	-	-	-	-	-	-	292
El Salvador	-	38	-	-	-	-	0	248
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	-
Germany	-	-	-	-	-	-	1	0
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	605
Guatemala	-	71	-	-	-	-	0	478
Honduras	-	90	-	0	-	-	-	-
Hong Kong	-	-	-	-	-	-	0	-
India	-	-	-	4	-	604	2	2,704
Indonesia	-	-	-	-	-	-	0	0
Ireland	-	-	-	-	-	-	-	189
Israel	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	-	0	445
Jamaica	-	80	-	-	-	-	-	-
Japan	-	-	-	0	-	-	0	2,379
Korea, South	-	-	-	240	-	-	0	177
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	1,725	-	413	-	57	23	2,330
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	118
Mozambique	-	-	-	-	-	-	-	43
Netherlands	-	-	-	58	-	-	7	39
New Zealand	-	-	-	-	-	-	0	0
Nicaragua	-	0	-	-	-	-	-	-
Nigeria	-	0	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	82
Pakistan	-	-	-	-	-	-	-	-
Panama	-	544	-	1,171	-	21	0	-
Peru	-	313	-	-	-	-	0	180
Philippines	-	-	-	-	-	-	0	-
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	-	136	-	-	-	-	-	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	1	-	144	-	-	0	46
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	0	0
South Africa	-	-	-	-	-	-	0	42
Spain	-	-	-	-	-	-	16	807
Switzerland	-	-	-	-	-	-	0	-
Taiwan	-	-	-	0	-	-	0	-
Thailand	-	-	-	-	-	171	0	0
Trinidad and Tobago	-	-	-	-	-	-	0	0
Turkiye	-	-	-	0	-	-	0	-
United Arab Emirates	-	-	-	-	-	-	-	110
United Kingdom	-	-	-	-	-	-	0	162
Venezuela	-	0	-	-	-	-	-	-
Other	-	310	-	1,020	-	-	3	813
Total	-	4,841	-	4,023	-	898	166	19,232

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, May 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	36	148	0	2,383	2,383	—	77	77
Australia	—	8	—	926	1,677	24	30	54
Bahamas	1	2	0	1,612	1,612	—	52	52
Bahrain	—	0	—	0	0	—	0	0
Belgium	—	595	1	1,838	1,838	—	59	59
Belize	—	1	—	68	68	—	2	2
Brazil	0	320	0	11,710	12,787	35	378	412
Canada	98	262	8	15,325	23,971	279	494	773
Cayman Islands	0	2	—	114	114	—	4	4
Chile	—	108	0	8,338	8,338	—	269	269
China	0	11	1	13,470	15,563	68	435	502
Colombia	0	104	0	3,729	4,761	33	120	154
Costa Rica	39	13	0	2,128	2,128	—	69	69
Denmark	—	0	—	127	1,406	41	4	45
Dominican Republic	0	34	0	3,235	4,233	32	104	137
Ecuador	0	69	—	3,682	3,682	—	119	119
Egypt	—	0	—	2,663	2,663	—	86	86
El Salvador	0	58	0	1,718	1,718	—	55	55
Finland	—	3	—	1,261	1,261	—	41	41
France	—	106	0	765	7,380	213	25	238
Germany	3	1	0	11	2,197	71	0	71
Ghana	—	0	—	239	239	—	8	8
Gibraltar	—	—	—	444	444	—	14	14
Greece	—	0	—	605	605	—	20	20
Guatemala	—	23	—	2,878	2,878	—	93	93
Honduras	—	18	—	1,425	1,425	—	46	46
Hong Kong	—	2	0	2	2	—	0	0
India	0	42	1	6,344	14,641	268	205	472
Indonesia	1	2	—	3,757	4,386	20	121	141
Ireland	—	—	0	189	768	19	6	25
Israel	—	326	0	328	328	—	11	11
Italy	0	1	0	672	8,287	246	22	267
Jamaica	—	6	—	586	586	—	19	19
Japan	3	33	7	14,245	15,829	51	460	511
Korea, South	0	5	0	5,833	16,579	347	188	535
Lebanon	—	0	—	0	0	—	0	0
Mexico	66	676	51	39,366	39,366	—	1,270	1,270
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	2,024	2,024	—	65	65
Mozambique	—	—	—	43	43	—	1	1
Netherlands	0	63	0	4,108	12,828	281	133	414
New Zealand	—	2	—	3	3	—	0	0
Nicaragua	—	8	—	148	148	—	5	5
Nigeria	—	93	—	947	947	—	31	31
Norway	—	0	0	865	1,862	32	28	60
Pakistan	—	0	—	0	0	—	0	0
Panama	48	33	—	4,744	5,041	10	153	163
Peru	0	76	0	4,414	5,113	23	142	165
Philippines	—	1	0	1	1	—	0	0
Portugal	—	0	—	1,381	2,091	23	45	67
Puerto Rico	110	16	—	428	428	—	14	14
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	3	—	556	556	—	18	18
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	2	—	1,760	10,741	290	57	346
South Africa	—	55	—	632	632	—	20	20
Spain	—	2	—	2,123	9,581	241	68	309
Switzerland	—	0	—	30	775	24	1	25
Taiwan	1	8	0	12	5,576	179	0	180
Thailand	0	13	0	185	2,235	66	6	72
Trinidad and Tobago	—	4	—	836	836	—	27	27
Turkiye	—	41	—	825	825	—	27	27
United Arab Emirates	0	56	—	247	247	—	8	8
United Kingdom	—	39	—	1,905	12,538	343	61	404
Venezuela	—	10	—	11	11	—	0	0
Other	8	184	5	8,025	9,517	47	257	307
Total	414	3,688	74	188,269	290,742	3,306	6,073	9,379

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, June 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	72	-	-	-	-	-	-
Australia	730	535	-	1	-	-	-	-	0	0
Bahamas	-	55	-	0	-	102	102	-	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	518	4,646	-	305	-	0	0	-	-	-
Belize	-	0	-	-	-	50	50	-	-	-
Brazil	2,228	2,934	-	1,037	-	1,549	1,549	-	-	-
Canada	11,827	7,555	-	2,676	-	1,402	1,402	-	2,121	2,121
Cayman Islands	-	0	-	-	-	31	31	-	0	0
Chile	-	2,279	-	13	-	1,957	1,957	0	-	0
China	1,890	10,163	-	5	-	-	-	-	-	-
Colombia	701	119	-	984	-	1,030	1,030	-	0	0
Costa Rica	-	153	-	7	-	599	599	-	-	-
Denmark	1,361	-	-	-	-	-	-	-	-	-
Dominican Republic	500	1,316	-	10	-	412	412	-	-	-
Ecuador	-	1,217	-	-	-	598	598	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
El Salvador	-	389	-	0	-	593	593	-	-	-
Finland	-	1,293	-	-	-	-	-	-	-	-
France	6,898	1,556	-	24	-	-	-	-	-	-
Germany	3,716	100	-	2	-	-	-	-	-	-
Ghana	-	-	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	412	-	5	-	1,343	1,343	-	0	0
Honduras	-	427	-	1	-	549	549	-	0	0
Hong Kong	-	-	-	0	-	-	-	-	-	-
India	6,448	2,382	-	4	-	-	-	-	-	-
Indonesia	-	2,537	-	-	-	-	-	-	-	-
Ireland	677	-	-	-	-	-	-	-	-	-
Israel	-	-	-	0	-	-	-	-	-	-
Italy	6,478	-	-	8	-	-	-	-	-	-
Jamaica	-	56	-	-	-	180	180	-	-	-
Japan	1,228	8,686	-	331	-	0	0	-	-	-
Korea, South	10,394	5,416	-	3	-	0	0	-	-	-
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	6,132	-	141	-	14,935	14,935	1	1,202	1,203
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	1,559	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	12,368	3,230	-	541	-	-	-	-	-	-
New Zealand	-	1	-	0	-	-	-	-	-	-
Nicaragua	285	-	-	-	-	26	26	-	-	-
Nigeria	-	599	-	0	-	-	-	-	-	-
Norway	-	1,260	-	76	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	-	255	-	1	-	766	766	-	1	1
Peru	794	80	-	6	-	305	305	-	610	610
Philippines	-	-	-	-	-	-	-	-	-	-
Portugal	710	513	-	-	-	-	-	-	-	-
Puerto Rico	-	6	-	0	-	184	184	-	0	0
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	1	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	10,962	2,707	-	9	-	-	-	-	-	-
South Africa	-	-	-	6	-	-	-	-	-	-
Spain	6,654	1,216	-	-	-	-	-	-	-	-
Switzerland	-	549	-	0	-	-	-	-	-	-
Taiwan	4,255	-	-	0	-	0	0	-	-	-
Thailand	3,359	-	-	2	-	-	-	-	-	-
Trinidad and Tobago	-	1	-	0	-	0	0	-	-	-
Turkiye	-	2,444	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	0	-	4	4	0	-	0
United Kingdom	5,420	2,247	-	0	-	1	1	-	9	9
Venezuela	-	0	-	3	-	0	0	0	-	0
Other	3,225	2,253	-	227	-	654	654	-	2	2
Total	103,626	79,278	-	6,501	-	27,270	27,270	1	3,945	3,946

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, June 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	—	NA	NA	2,129	270	598	—	2,997	—	—
Australia	0	—	NA	NA	0	—	—	—	0	—	—
Bahamas	—	—	NA	NA	171	—	356	—	527	25	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	0	NA	NA	—	—	—	—	—	—	—
Belize	—	—	NA	NA	—	40	—	—	40	—	—
Brazil	0	—	NA	NA	3,736	138	105	—	3,979	160	—
Canada	981	483	NA	NA	1	62	286	—	349	3	—
Cayman Islands	—	—	NA	NA	111	—	—	—	111	—	—
Chile	1	1	NA	NA	4,936	—	—	—	4,936	0	—
China	1	—	NA	NA	1	—	—	—	1	—	—
Colombia	44	—	NA	NA	517	—	—	—	517	2	—
Costa Rica	1	—	NA	NA	505	—	—	—	505	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	0	—	NA	NA	534	18	195	—	746	—	—
Ecuador	—	—	NA	NA	868	—	285	—	1,153	2	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	1	443	—	—	444	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	—	—	NA	NA	1	—	—	—	1	—	—
Germany	—	3	NA	NA	1	—	—	—	1	—	—
Ghana	—	—	NA	NA	309	—	—	—	309	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	721	307	59	—	1,087	0	—
Honduras	—	—	NA	NA	250	590	—	—	840	—	—
Hong Kong	0	—	NA	NA	—	—	—	—	—	—	—
India	0	—	NA	NA	391	—	—	—	391	—	—
Indonesia	0	0	NA	NA	—	—	—	—	—	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	—	—	NA	NA	—	—	—	—	—	0	—
Italy	—	0	NA	NA	—	—	—	—	—	—	—
Jamaica	49	—	NA	NA	68	—	—	—	68	—	—
Japan	0	—	NA	NA	—	—	—	—	—	—	—
Korea, South	323	—	NA	NA	0	—	—	—	0	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	111	0	NA	NA	8,314	0	3	—	8,317	1	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	196	51	NA	NA	302	—	—	—	302	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	0	—	NA	NA	110	122	—	—	232	25	—
Nigeria	30	—	NA	NA	1	—	—	—	1	—	—
Norway	—	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	2,278	70	—	—	2,348	0	—
Peru	59	49	NA	NA	2,094	29	—	—	2,122	—	—
Philippines	81	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	3	—	NA	NA	291	—	0	—	291	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	60	—	NA	NA	1	—	—	—	1	0	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	84	1	NA	NA	2	—	—	—	2	—	—
South Africa	—	—	NA	NA	0	—	—	—	0	—	—
Spain	—	—	NA	NA	200	—	—	—	200	—	—
Switzerland	1	—	NA	NA	—	—	—	—	—	—	—
Taiwan	1	—	NA	NA	—	—	—	—	—	—	—
Thailand	—	—	NA	NA	0	—	—	—	0	—	—
Trinidad and Tobago	1	—	NA	NA	170	—	427	—	597	—	—
Turkiye	—	—	NA	NA	300	—	—	—	300	—	—
United Arab Emirates	1	—	NA	NA	—	—	—	—	—	0	—
United Kingdom	286	—	NA	NA	324	—	—	—	324	0	—
Venezuela	0	—	NA	NA	0	—	—	—	0	—	—
Other	46	1	NA	NA	814	726	723	—	2,265	2	—
Total	2,360	589	NA	NA	30,452	2,815	3,037	—	36,304	220	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, June 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	—	18	—	—	—	152	0	—
Australia	—	0	—	—	—	—	2	116
Bahamas	—	83	—	339	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	434	—	14	—	72
Belize	—	10	—	—	—	—	—	—
Brazil	—	644	—	—	—	70	1	1,321
Canada	—	875	—	421	—	8	105	771
Cayman Islands	—	141	—	0	—	—	—	—
Chile	—	224	—	—	—	—	0	1
China	—	—	—	2	—	—	3	2,307
Colombia	—	110	—	—	—	—	0	—
Costa Rica	—	95	—	—	—	—	0	173
Denmark	—	—	—	—	—	—	0	—
Dominican Republic	—	277	—	89	—	—	1	182
Ecuador	—	1	—	—	—	—	—	0
Egypt	—	—	—	—	—	150	—	800
El Salvador	—	42	—	—	—	—	0	—
Finland	—	—	—	—	—	—	0	—
France	—	—	—	0	—	—	0	138
Germany	—	—	—	0	—	—	1	0
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	143
Guatemala	—	40	—	—	—	—	0	262
Honduras	—	31	—	0	—	—	—	283
Hong Kong	—	—	—	—	—	—	0	—
India	—	—	—	3	—	471	3	2,780
Indonesia	—	—	—	—	—	—	0	—
Ireland	—	—	—	—	—	—	—	0
Israel	—	312	—	—	—	—	0	313
Italy	—	—	—	—	—	57	0	1,049
Jamaica	—	118	—	—	—	—	0	—
Japan	—	—	—	—	—	—	1	1,217
Korea, South	—	—	—	240	—	—	0	0
Lebanon	—	—	—	—	—	—	—	121
Mexico	—	1,678	—	197	—	196	14	1,090
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	737
Mozambique	—	—	—	—	—	—	—	105
Netherlands	—	—	—	—	—	—	2	461
New Zealand	—	—	—	—	—	—	0	83
Nicaragua	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	86
Pakistan	—	—	—	—	—	—	—	—
Panama	—	534	—	887	—	—	—	—
Peru	—	140	—	—	—	—	0	0
Philippines	—	—	—	—	—	—	0	0
Portugal	—	—	—	—	—	—	—	129
Puerto Rico	—	0	—	—	—	—	0	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	0	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	—	0	—
South Africa	—	—	—	24	—	137	—	83
Spain	—	—	—	75	—	—	1	247
Switzerland	—	—	—	—	—	—	0	—
Taiwan	—	0	—	—	—	—	0	0
Thailand	—	—	—	—	—	225	0	—
Trinidad and Tobago	—	299	—	—	—	—	—	—
Turkiye	—	—	—	—	—	—	0	846
United Arab Emirates	—	—	—	6	—	—	0	338
United Kingdom	—	0	—	1	—	—	0	407
Venezuela	—	—	—	—	—	—	—	—
Other	—	115	—	1,088	—	—	2	1,219
Total	—	5,787	—	3,806	—	1,480	136	17,880

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, June 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	0	6	0	3,245	3,245	—	108	108
Australia	1	7	—	660	1,390	24	22	46
Bahamas	2	3	0	1,136	1,136	—	38	38
Bahrain	—	0	—	0	0	—	0	0
Belgium	0	245	1	5,718	6,236	17	191	208
Belize	—	1	—	101	101	—	3	3
Brazil	—	319	2	12,015	14,243	74	401	475
Canada	236	295	7	18,289	30,115	394	610	1,004
Cayman Islands	0	1	—	284	284	—	9	9
Chile	70	118	—	9,600	9,600	—	320	320
China	1	12	0	12,494	14,384	63	416	479
Colombia	0	1,736	2	4,544	5,246	23	151	175
Costa Rica	49	17	—	1,599	1,599	—	53	53
Denmark	—	0	—	0	1,361	45	0	45
Dominican Republic	49	23	—	3,105	3,605	17	103	120
Ecuador	—	59	—	3,029	3,029	—	101	101
Egypt	—	1	—	950	950	—	32	32
El Salvador	—	13	—	1,481	1,481	—	49	49
Finland	—	0	—	1,293	1,293	—	43	43
France	—	39	—	1,757	8,655	230	59	289
Germany	3	6	0	117	3,833	124	4	128
Ghana	—	0	—	310	310	—	10	10
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	143	143	—	5	5
Guatemala	—	23	—	3,173	3,173	—	106	106
Honduras	62	15	—	2,208	2,208	—	74	74
Hong Kong	—	0	—	1	1	—	0	0
India	0	9	1	6,045	12,493	215	201	416
Indonesia	1	2	—	2,540	2,540	—	85	85
Ireland	—	—	—	0	678	23	0	23
Israel	—	1	0	627	627	—	21	21
Italy	—	0	—	1,115	7,593	216	37	253
Jamaica	—	6	—	477	477	—	16	16
Japan	1	6	3	10,245	11,474	41	342	382
Korea, South	0	6	0	5,989	16,384	346	200	546
Lebanon	—	0	—	121	121	—	4	4
Mexico	19	731	54	34,819	34,819	—	1,161	1,161
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	2,296	2,296	—	77	77
Mozambique	—	0	—	105	105	—	3	3
Netherlands	1	64	0	4,847	17,215	412	162	574
New Zealand	—	1	—	84	84	—	3	3
Nicaragua	—	8	—	292	576	9	10	19
Nigeria	—	103	—	732	732	—	24	24
Norway	—	0	—	1,422	1,422	—	47	47
Pakistan	—	—	—	—	—	—	—	—
Panama	41	16	0	4,850	4,850	—	162	162
Peru	—	120	0	3,491	4,285	26	116	143
Philippines	—	2	—	83	83	—	3	3
Portugal	—	0	—	642	1,352	24	21	45
Puerto Rico	0	20	—	504	504	—	17	17
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	7	—	69	69	—	2	2
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	6	—	2,809	13,771	365	94	459
South Africa	—	1	—	250	250	—	8	8
Spain	—	3	—	1,742	8,396	222	58	280
Switzerland	—	0	—	550	550	—	18	18
Taiwan	0	2	0	4	4,259	142	0	142
Thailand	0	6	0	234	3,593	112	8	120
Trinidad and Tobago	—	2	—	901	901	—	30	30
Turkiye	0	16	—	3,606	3,606	—	120	120
United Arab Emirates	0	13	0	362	362	—	12	12
United Kingdom	0	1	0	3,277	8,698	181	109	290
Venezuela	—	4	—	8	8	—	0	0
Other	5	55	2	7,929	11,152	109	265	373
Total	541	4,150	72	190,319	293,946	3,454	6,344	9,798

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, July 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	182	-	-	-	-	-	-
Australia	2,831	581	-	1	-	-	-	1	-	1
Bahamas	-	32	-	166	-	1,180	1,180	-	0	0
Bahrain	-	-	-	0	-	-	-	-	-	-
Belgium	-	998	-	0	-	-	-	-	-	-
Belize	-	50	-	-	-	50	50	-	-	-
Brazil	1,699	2,360	-	1,338	-	1,391	1,391	-	-	-
Canada	12,608	7,618	-	2,495	-	1,037	1,037	-	1,166	1,166
Cayman Islands	-	5	-	0	-	13	13	-	-	-
Chile	-	1,107	-	14	-	2,069	2,069	-	-	-
China	8,080	10,426	-	3	-	-	-	-	0	0
Colombia	601	64	-	957	-	1,214	1,214	-	-	-
Costa Rica	-	234	-	12	-	598	598	-	-	-
Denmark	1,363	-	-	-	-	-	-	-	-	-
Dominican Republic	1,000	1,112	-	1	-	394	394	-	-	-
Ecuador	-	1,066	-	298	-	290	290	-	-	-
Egypt	-	1,001	-	-	-	-	-	-	-	-
El Salvador	-	240	-	0	-	499	499	-	-	-
Finland	-	646	-	-	-	-	-	-	-	-
France	6,471	10	-	31	-	-	-	-	0	0
Germany	6,148	111	-	3	-	0	0	0	-	0
Ghana	-	224	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	414	-	4	-	757	757	-	0	0
Honduras	-	1,027	-	0	-	296	296	-	-	-
Hong Kong	-	-	-	0	-	-	-	-	-	-
India	6,249	3,169	-	18	-	-	-	-	-	-
Indonesia	-	1,411	-	1	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	-	-
Israel	-	0	-	-	-	0	0	-	-	-
Italy	7,250	-	-	-	-	-	-	-	-	-
Jamaica	-	43	-	-	-	282	282	-	0	0
Japan	-	10,919	-	525	-	-	-	0	-	0
Korea, South	10,690	4,928	-	0	-	0	0	0	1	1
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	6,747	-	373	-	11,745	11,745	3	940	943
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	2,713	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	11,876	2,327	-	341	-	-	-	-	-	-
New Zealand	-	-	-	0	-	-	-	-	-	-
Nicaragua	275	-	-	-	-	38	38	-	-	-
Nigeria	-	242	-	-	-	-	-	-	-	-
Norway	-	1,130	-	60	-	-	-	-	-	-
Pakistan	-	-	-	-	-	0	0	-	-	-
Panama	-	227	-	0	-	401	401	-	-	-
Peru	-	946	-	33	-	828	828	-	-	-
Philippines	-	-	-	0	-	-	-	-	-	-
Portugal	-	420	-	-	-	-	-	-	-	-
Puerto Rico	-	7	-	0	-	2	2	-	-	-
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	0	-	2	-	-	-	-	0	0
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	7,971	1,735	-	8	-	-	-	-	-	-
South Africa	-	777	-	4	-	-	-	-	-	-
Spain	5,874	-	-	7	-	-	-	-	-	-
Switzerland	-	266	-	0	-	-	-	-	-	-
Taiwan	7,533	577	-	0	-	-	-	-	-	-
Thailand	4,140	-	-	2	-	-	-	-	-	-
Trinidad and Tobago	-	1	-	0	-	1	1	-	-	-
Turkiye	-	1,080	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	0	-	0	0	-	0	0
United Kingdom	9,681	1,128	-	-	-	29	29	-	1	1
Venezuela	-	0	-	-	-	-	-	-	-	-
Other	1,748	2,396	-	23	-	548	548	-	1	1
Total	114,088	72,515	-	6,902	-	23,662	23,662	4	2,109	2,113

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, July 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	3,474	—	290	—	3,764	—	—
Australia	0	—	NA	NA	0	—	2	—	2	0	—
Bahamas	—	—	NA	NA	259	—	450	—	709	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	299	—	24	—	324	—	—
Belize	—	—	NA	NA	—	40	—	—	40	—	—
Brazil	1	—	NA	NA	8,189	0	127	—	8,317	—	—
Canada	993	511	NA	NA	1	336	175	—	513	11	—
Cayman Islands	—	—	NA	NA	59	—	—	—	59	—	—
Chile	0	—	NA	NA	5,854	—	—	—	5,854	—	—
China	4	—	NA	NA	1	—	—	—	1	—	—
Colombia	0	—	NA	NA	808	—	—	—	808	1	—
Costa Rica	1	—	NA	NA	410	—	—	—	410	—	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	0	—	NA	NA	670	—	445	—	1,115	—	—
Ecuador	0	—	NA	NA	1,462	160	—	—	1,622	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	286	80	—	—	366	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	0	—	NA	NA	—	—	—	—	—	—	—
Germany	—	3	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	313	—	—	—	313	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	65	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	308	501	—	—	809	0	—
Honduras	—	—	NA	NA	501	668	—	—	1,169	—	—
Hong Kong	0	—	NA	NA	—	—	—	—	—	—	—
India	0	—	NA	NA	0	—	—	—	0	—	—
Indonesia	0	—	NA	NA	2	—	—	—	2	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	—	—	NA	NA	—	—	—	—	—	—	—
Italy	0	—	NA	NA	—	—	—	—	—	—	—
Jamaica	56	—	NA	NA	149	176	145	—	470	—	—
Japan	1	—	NA	NA	0	—	—	—	0	—	—
Korea, South	221	—	NA	NA	0	—	—	—	0	—	—
Lebanon	—	—	NA	NA	0	—	—	—	0	—	—
Mexico	110	1	NA	NA	8,136	—	3	—	8,139	1	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	1	—	—	—	1	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	333	—	NA	NA	660	—	160	—	820	—	—
New Zealand	—	—	NA	NA	0	—	—	—	0	—	—
Nicaragua	0	—	NA	NA	120	—	—	—	120	25	—
Nigeria	—	—	NA	NA	0	—	—	—	0	—	—
Norway	—	46	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	1,961	369	335	—	2,665	2	—
Peru	143	62	NA	NA	3,560	—	—	—	3,560	—	—
Philippines	0	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	4	—	NA	NA	0	—	—	—	0	0	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	60	—	NA	NA	0	—	—	—	0	0	—
Serbia (Excludes Kosovo)	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	294	1	NA	NA	0	—	90	—	90	0	—
South Africa	0	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	—	—	—	—	—	—	—
Switzerland	3	—	NA	NA	—	—	—	—	—	—	—
Taiwan	0	—	NA	NA	—	—	—	—	—	0	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	1	—	NA	NA	—	—	424	—	424	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	80	—	NA	NA	0	—	—	—	0	0	—
United Kingdom	107	—	NA	NA	1,310	—	—	—	1,310	—	—
Venezuela	—	—	NA	NA	0	—	—	—	0	—	—
Other	138	1	NA	NA	2,673	694	331	—	3,695	2	—
Total	2,615	625	NA	NA	41,466	3,024	3,001	—	47,491	42	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, July 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	57	-	-	-	-	0	-
Australia	-	-	-	-	-	-	1	255
Bahamas	-	237	-	521	-	-	-	-
Bahrain	-	-	-	-	-	-	0	-
Belgium	-	-	-	-	-	-	0	104
Belize	-	10	-	-	-	-	-	-
Brazil	-	305	-	-	-	-	1	741
Canada	-	985	-	158	-	7	111	877
Cayman Islands	-	86	-	-	-	-	-	-
Chile	-	426	-	-	-	-	0	0
China	-	-	-	1	-	-	3	2,226
Colombia	-	-	-	-	-	-	0	-
Costa Rica	-	190	-	-	-	-	0	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	175	-	100	-	-	1	198
Ecuador	-	-	-	-	-	-	0	-
Egypt	-	-	-	-	-	120	-	-
El Salvador	-	-	-	-	-	-	0	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	286
Germany	-	-	-	1	-	-	2	0
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	396
Guatemala	-	79	-	-	-	-	0	267
Honduras	-	36	-	-	-	-	0	-
Hong Kong	-	-	-	-	-	-	0	-
India	-	-	-	1	-	624	3	588
Indonesia	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	201
Israel	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	93	-	541
Jamaica	-	215	-	-	-	-	-	-
Japan	-	-	-	0	-	-	1	2,069
Korea, South	-	-	-	165	-	-	-	1
Lebanon	-	-	-	0	-	-	-	-
Mexico	-	2,164	-	248	-	116	11	1,468
Montenegro	-	-	-	-	-	-	-	110
Morocco	-	-	-	-	-	-	-	725
Mozambique	-	-	-	-	-	-	-	41
Netherlands	-	-	-	440	-	-	4	438
New Zealand	-	-	-	-	-	-	0	-
Nicaragua	-	1	-	-	-	-	-	0
Nigeria	-	-	-	-	-	-	-	187
Norway	-	-	-	-	-	-	-	126
Pakistan	-	-	-	-	-	-	-	-
Panama	-	495	-	348	-	145	-	205
Peru	-	315	-	-	-	-	0	-
Philippines	-	-	-	-	-	-	0	268
Portugal	-	-	-	-	-	-	-	187
Puerto Rico	-	0	-	1	-	-	0	-
Romania	-	-	-	-	-	-	-	165
Saudi Arabia	-	2	-	-	-	-	0	2
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	0	-
South Africa	-	-	-	-	-	-	-	41
Spain	-	-	-	-	-	-	0	157
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	-	-	331	0	333
Trinidad and Tobago	-	-	-	-	-	-	-	-
Turkiye	-	-	-	1	-	-	0	581
United Arab Emirates	-	-	-	-	-	-	0	0
United Kingdom	-	-	-	-	-	-	0	268
Venezuela	-	-	-	-	-	-	0	-
Other	-	429	-	111	-	-	4	937
Total	-	6,207	-	2,096	-	1,436	142	14,989

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, July 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	1	68	0	4,072	4,072	—	131	131
Australia	—	5	—	847	3,678	91	27	119
Bahamas	3	1	0	2,850	2,850	—	92	92
Bahrain	—	0	—	0	0	—	0	0
Belgium	0	563	0	1,989	1,989	—	64	64
Belize	0	1	—	151	151	—	5	5
Brazil	—	321	1	14,776	16,474	55	477	531
Canada	166	325	6	16,979	29,587	407	548	954
Cayman Islands	1	1	—	165	165	—	5	5
Chile	—	97	—	9,569	9,569	—	309	309
China	1	9	1	12,673	20,753	261	409	669
Colombia	0	1,729	0	4,774	5,375	19	154	173
Costa Rica	43	12	0	1,499	1,499	—	48	48
Denmark	—	0	—	0	1,363	44	0	44
Dominican Republic	43	30	—	3,171	4,171	32	102	135
Ecuador	0	71	—	3,348	3,348	—	108	108
Egypt	—	1	—	1,122	1,122	—	36	36
El Salvador	0	6	0	1,110	1,110	—	36	36
Finland	—	0	—	646	646	—	21	21
France	—	78	0	406	6,877	209	13	222
Germany	3	1	0	124	6,272	198	4	202
Ghana	—	0	—	537	537	—	17	17
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	462	462	—	15	15
Guatemala	—	19	—	2,350	2,350	—	76	76
Honduras	—	13	—	2,542	2,542	—	82	82
Hong Kong	—	1	—	1	1	—	0	0
India	—	10	0	4,414	10,663	202	142	344
Indonesia	0	2	0	1,416	1,416	—	46	46
Ireland	—	0	0	202	202	—	7	7
Israel	—	2	—	2	2	—	0	0
Italy	—	0	—	635	7,885	234	20	254
Jamaica	—	4	—	1,071	1,071	—	35	35
Japan	0	12	5	13,532	13,532	—	437	437
Korea, South	0	5	1	5,323	16,012	345	172	517
Lebanon	—	0	—	1	1	—	0	0
Mexico	66	652	49	32,832	32,832	—	1,059	1,059
Montenegro	—	—	—	110	110	—	4	4
Morocco	—	0	—	3,438	3,438	—	111	111
Mozambique	—	—	—	41	41	—	1	1
Netherlands	1	3	1	4,706	16,582	383	152	535
New Zealand	—	1	—	1	1	—	0	0
Nicaragua	—	4	—	187	462	9	6	15
Nigeria	—	108	—	538	538	—	17	17
Norway	—	0	—	1,362	1,362	—	44	44
Pakistan	—	0	0	1	1	—	0	0
Panama	—	32	—	4,520	4,520	—	146	146
Peru	—	64	—	5,951	5,951	—	192	192
Philippines	—	1	0	270	270	—	9	9
Portugal	—	—	—	607	607	—	20	20
Puerto Rico	0	22	—	36	36	—	1	1
Romania	—	1	—	166	166	—	5	5
Saudi Arabia	—	4	—	70	70	—	2	2
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	2	0	2,130	10,101	257	69	326
South Africa	—	76	—	898	898	—	29	29
Spain	—	2	—	166	6,039	189	5	195
Switzerland	—	0	—	269	269	—	9	9
Taiwan	—	4	0	582	8,115	243	19	262
Thailand	—	26	0	691	4,831	134	22	156
Trinidad and Tobago	—	24	—	450	450	—	15	15
Turkiye	0	1	—	1,663	1,663	—	54	54
United Arab Emirates	2	58	—	141	141	—	5	5
United Kingdom	—	63	0	2,905	12,586	312	94	406
Venezuela	—	5	0	5	5	—	0	0
Other	4	66	3	8,347	10,097	56	267	323
Total	334	4,606	67	185,842	299,929	3,680	5,995	9,675

-- = Not Applicable.

— = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, August 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	161	-	-	-	-	-	-
Australia	579	577	-	2	-	0	0	-	-	-
Bahamas	-	31	-	-	-	421	421	-	220	220
Bahrain	-	-	-	-	-	0	0	0	-	0
Belgium	-	1,446	-	15	-	-	-	-	-	-
Belize	-	25	-	-	-	40	40	-	-	-
Brazil	1,068	1,160	-	33	-	1,426	1,426	-	-	-
Canada	10,539	6,922	-	2,717	-	795	795	-	1,047	1,047
Cayman Islands	-	5	-	-	-	20	20	-	0	0
Chile	-	1,188	-	171	-	967	967	-	-	-
China	8,748	12,384	-	2	-	-	-	-	-	-
Colombia	1,610	50	-	1,308	-	1,763	1,763	-	-	-
Costa Rica	-	256	-	1	-	601	601	-	0	0
Denmark	621	-	-	184	-	-	-	-	-	-
Dominican Republic	481	1,795	-	0	-	781	781	1	-	1
Ecuador	-	1,612	-	299	-	298	298	-	-	-
Egypt	-	1,028	-	-	-	-	-	-	-	-
El Salvador	-	240	-	-	-	623	623	-	-	-
Finland	750	622	-	-	-	-	-	-	-	-
France	2,179	520	-	15	-	-	-	-	-	-
Germany	3,121	1	-	3	-	-	-	-	-	-
Ghana	-	-	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	698	0	-	-	-	-	-	-	0	0
Guatemala	-	0	-	-	-	1,223	1,223	0	0	0
Honduras	-	396	-	0	-	535	535	-	-	-
Hong Kong	-	-	-	0	-	-	-	-	-	-
India	2,949	2,371	-	0	-	-	-	-	-	-
Indonesia	723	2,604	-	0	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	-	-
Israel	-	103	-	0	-	-	-	-	-	-
Italy	4,467	-	-	-	-	-	-	-	-	-
Jamaica	-	41	-	-	-	217	217	0	0	0
Japan	2,009	14,957	-	493	-	0	0	-	-	-
Korea, South	12,380	5,030	-	0	-	0	0	-	0	0
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	6,452	-	641	-	16,750	16,750	0	769	769
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	798	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	11,532	1,499	-	37	-	-	-	-	-	-
New Zealand	-	-	-	-	-	-	-	-	-	-
Nicaragua	280	-	-	-	-	125	125	-	-	-
Nigeria	-	1,048	-	-	-	308	308	-	-	-
Norway	-	1,649	-	240	-	-	-	-	-	-
Pakistan	-	-	-	-	-	0	0	-	0	0
Panama	-	80	-	-	-	547	547	-	-	-
Peru	1,609	331	-	0	-	1,009	1,009	-	-	-
Philippines	-	-	-	0	-	-	-	-	-	-
Portugal	-	420	-	-	-	-	-	-	-	-
Puerto Rico	-	8	-	-	-	1	1	-	0	0
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	2	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	8,328	1,115	-	1	-	-	-	-	-	-
South Africa	-	1,096	-	-	-	-	-	-	-	-
Spain	3,885	1,704	-	-	-	-	-	-	-	-
Switzerland	-	354	-	-	-	-	-	-	0	0
Taiwan	9,140	-	-	2	-	-	-	-	-	-
Thailand	1,222	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	-	1	-	0	-	0	0	-	-	-
Turkiye	-	967	-	0	-	-	-	-	-	-
United Arab Emirates	-	0	-	2	-	-	-	-	-	-
United Kingdom	12,865	1,076	-	-	-	300	300	-	0	0
Venezuela	-	0	-	0	-	-	-	-	-	-
Other	8,714	2,868	-	8	-	393	393	1	2	2
Total	110,497	76,830	-	6,338	-	29,143	29,143	2	2,038	2,039

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, August 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	—	NA	NA	2,102	—	209	—	2,311	0	—
Australia	0	—	NA	NA	—	—	—	—	—	—	—
Bahamas	1	—	NA	NA	933	—	—	—	933	0	—
Bahrain	0	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	80	346	—	—	426	—	—
Belize	—	—	NA	NA	40	—	—	—	40	—	—
Brazil	0	—	NA	NA	5,198	13	273	—	5,484	220	—
Canada	1,262	576	NA	NA	0	290	218	—	508	201	—
Cayman Islands	—	—	NA	NA	83	—	—	—	83	—	—
Chile	0	—	NA	NA	3,866	—	—	—	3,866	—	—
China	0	—	NA	NA	0	—	—	—	0	—	—
Colombia	0	—	NA	NA	331	—	—	—	331	7	—
Costa Rica	0	—	NA	NA	974	—	—	—	974	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	2	—	NA	NA	150	—	180	—	330	0	—
Ecuador	—	—	NA	NA	284	410	—	—	694	—	—
Egypt	6	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	147	206	54	—	407	0	—
Finland	52	—	NA	NA	—	—	—	—	—	—	—
France	—	—	NA	NA	—	—	—	—	—	0	—
Germany	0	2	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	33	—	NA	NA	—	—	—	—	—	—	—
Guatemala	0	—	NA	NA	1,067	248	182	—	1,497	1	—
Honduras	—	—	NA	NA	85	268	—	—	353	0	—
Hong Kong	0	—	NA	NA	—	—	—	—	—	—	—
India	0	—	NA	NA	1	—	—	—	1	—	—
Indonesia	0	—	NA	NA	—	—	—	—	—	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	0	—	NA	NA	—	—	—	—	—	—	—
Italy	0	—	NA	NA	—	—	—	—	—	—	—
Jamaica	1	—	NA	NA	460	85	38	—	584	—	—
Japan	0	—	NA	NA	—	—	—	—	—	—	—
Korea, South	164	0	NA	NA	3	—	—	—	3	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	136	0	NA	NA	11,035	100	2	—	11,138	3	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	57	—	NA	NA	1,026	300	389	—	1,714	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	187	223	69	—	479	22	—
Nigeria	14	—	NA	NA	—	—	—	—	—	—	—
Norway	18	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	0	NA	NA	—	—	—	—	—	—	—
Panama	0	—	NA	NA	1,611	53	640	—	2,304	0	—
Peru	14	252	NA	NA	3,080	306	—	—	3,387	—	—
Philippines	—	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	4	—	NA	NA	0	—	—	—	0	—	—
Romania	—	—	NA	NA	1	—	—	—	1	—	—
Saudi Arabia	61	—	NA	NA	1	—	—	—	1	—	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	0	1	NA	NA	286	—	—	—	286	0	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	—	—	—	—	—	0	—
Switzerland	2	—	NA	NA	—	—	—	—	—	—	—
Taiwan	1	1	NA	NA	1	—	—	—	1	2	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	140	—	—	—	140	—	—
Turkiye	—	—	NA	NA	2	—	—	—	2	—	—
United Arab Emirates	—	0	NA	NA	—	—	—	—	—	0	—
United Kingdom	82	0	NA	NA	844	—	—	—	844	1	—
Venezuela	—	—	NA	NA	0	—	—	—	0	—	—
Other	4	0	NA	NA	1,677	592	797	—	3,064	1	—
Total	1,914	831	NA	NA	35,695	3,440	3,051	—	42,186	458	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, August 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	38	-	0	-	-	1	92
Australia	-	-	-	-	-	-	0	117
Bahamas	-	346	-	300	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	394
Belize	-	10	-	-	-	-	0	-
Brazil	-	-	-	-	-	-	1	1,518
Canada	-	991	-	743	-	14	116	1,136
Cayman Islands	-	8	-	0	-	-	-	-
Chile	-	393	-	0	-	-	0	-
China	-	-	-	2	-	-	2	2,314
Colombia	-	-	-	-	-	-	0	-
Costa Rica	-	185	-	-	-	-	0	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	210	-	46	-	-	0	358
Ecuador	-	-	-	-	-	-	0	-
Egypt	-	-	-	-	-	24	-	275
El Salvador	-	40	-	-	-	-	0	0
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	17
Germany	-	-	-	-	-	-	2	0
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	867
Guatemala	-	37	-	-	-	-	-	536
Honduras	-	40	-	-	-	-	0	275
Hong Kong	-	-	-	-	-	-	0	-
India	-	-	-	0	-	678	2	1,788
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	-	0
Israel	-	-	-	-	-	-	0	318
Italy	-	-	-	-	-	-	0	-
Jamaica	-	72	-	-	-	-	-	1
Japan	-	-	-	0	-	-	1	2,555
Korea, South	-	-	-	285	-	-	1	0
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	2,568	-	224	-	117	22	1,596
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	277
Mozambique	-	-	-	-	-	-	-	107
Netherlands	-	298	-	-	-	40	2	53
New Zealand	-	-	-	-	-	-	-	44
Nicaragua	-	145	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	130
Pakistan	-	-	-	-	-	-	0	275
Panama	-	360	-	1,351	-	-	0	-
Peru	-	289	-	-	-	-	0	0
Philippines	-	-	-	-	-	-	0	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	343	-	-	-	-	0	-
Romania	-	-	-	-	-	-	0	-
Saudi Arabia	-	-	-	-	-	-	0	1
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	259	-	-	0	-
South Africa	-	-	-	0	-	-	0	85
Spain	-	-	-	-	-	-	1	843
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	0	-	-	0	0
Thailand	-	-	-	-	-	-	0	336
Trinidad and Tobago	-	0	-	-	-	-	-	-
Turkiye	-	-	-	1	-	-	-	916
United Arab Emirates	-	-	-	-	-	-	0	0
United Kingdom	-	-	-	-	-	-	0	55
Venezuela	-	-	-	-	-	-	-	-
Other	-	23	-	164	-	-	2	864
Total	-	6,396	-	3,375	-	873	153	18,143

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, August 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	—	5	—	2,607	2,607	—	84	84
Australia	0	5	—	702	1,281	19	23	41
Bahamas	3	7	0	2,262	2,262	—	73	73
Bahrain	—	—	—	1	1	—	0	0
Belgium	0	185	0	2,466	2,466	—	80	80
Belize	—	3	—	118	118	—	4	4
Brazil	—	285	1	10,128	11,196	34	327	361
Canada	196	300	14	17,538	28,077	340	566	906
Cayman Islands	0	1	—	118	118	—	4	4
Chile	169	57	—	6,813	6,813	—	220	220
China	1	9	1	14,715	23,463	282	475	757
Colombia	0	110	0	3,571	5,180	52	115	167
Costa Rica	—	19	0	2,036	2,036	—	66	66
Denmark	—	0	—	184	804	20	6	26
Dominican Republic	25	37	—	3,586	4,067	16	116	131
Ecuador	0	100	9	3,012	3,012	—	97	97
Egypt	—	0	—	1,334	1,334	—	43	43
El Salvador	—	35	0	1,345	1,345	—	43	43
Finland	—	1	—	675	1,425	24	22	46
France	—	15	—	567	2,745	70	18	89
Germany	4	1	—	13	3,133	101	0	101
Ghana	—	0	—	0	0	—	0	0
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	901	1,599	23	29	52
Guatemala	0	16	—	3,310	3,310	—	107	107
Honduras	42	15	—	1,656	1,656	—	53	53
Hong Kong	—	1	0	1	1	—	0	0
India	0	46	0	4,885	7,834	95	158	253
Indonesia	0	1	—	2,606	3,329	23	84	107
Ireland	—	—	—	0	0	—	0	0
Israel	—	3	0	425	425	—	14	14
Italy	—	0	0	1	4,468	144	0	144
Jamaica	—	5	0	920	920	—	30	30
Japan	0	6	5	18,018	20,027	65	581	646
Korea, South	—	5	0	5,489	17,870	399	177	576
Lebanon	—	0	—	0	0	—	0	0
Mexico	192	642	29	41,277	41,277	—	1,332	1,332
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	1,076	1,076	—	35	35
Mozambique	—	0	—	108	108	—	3	3
Netherlands	1	3	1	3,705	15,237	372	120	492
New Zealand	98	1	—	143	143	—	5	5
Nicaragua	—	6	—	777	1,057	9	25	34
Nigeria	—	1	—	1,370	1,370	—	44	44
Norway	—	0	—	2,038	2,038	—	66	66
Pakistan	—	0	—	275	275	—	9	9
Panama	—	45	—	4,688	4,688	—	151	151
Peru	0	53	0	5,335	6,945	52	172	224
Philippines	—	4	0	5	5	—	0	0
Portugal	—	—	—	420	420	—	14	14
Puerto Rico	1	9	—	366	366	—	12	12
Romania	—	0	—	1	1	—	0	0
Saudi Arabia	—	7	—	72	72	—	2	2
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	4	0	1,665	9,993	269	54	322
South Africa	—	1	—	1,182	1,182	—	38	38
Spain	0	1	—	2,549	6,433	125	82	208
Switzerland	—	34	—	391	391	—	13	13
Taiwan	0	15	0	21	9,162	295	1	296
Thailand	0	6	—	344	1,567	39	11	51
Trinidad and Tobago	—	5	0	146	146	—	5	5
Turkiye	0	2	—	1,887	1,887	—	61	61
United Arab Emirates	0	17	—	20	20	—	1	1
United Kingdom	0	2	—	2,360	15,226	415	76	491
Venezuela	—	8	—	8	8	—	0	0
Other	4	53	5	7,441	16,155	281	236	517
Total	736	2,192	65	191,673	302,170	3,564	6,183	9,747

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, September 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	10	-	0	0	-	-	-
Australia	1,628	584	-	2	-	-	-	-	-	-
Bahamas	732	53	-	-	-	283	283	-	1	1
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	1,148	-	0	-	-	-	-	-	-
Belize	-	-	-	-	-	42	42	-	-	-
Brazil	1,840	1,095	-	1,063	-	1,515	1,515	-	-	-
Canada	8,985	8,702	-	2,258	-	386	386	-	1,044	1,044
Cayman Islands	-	0	-	-	-	25	25	-	1	1
Chile	-	826	-	167	-	1,068	1,068	-	113	113
China	7,963	5,904	-	5	-	0	0	-	-	-
Colombia	501	47	-	1,270	-	1,350	1,350	-	-	-
Costa Rica	-	222	-	24	-	605	605	-	-	-
Denmark	684	-	-	-	-	-	-	-	-	-
Dominican Republic	570	1,210	-	0	-	612	612	-	-	-
Ecuador	-	1,088	-	299	-	299	299	-	-	-
Egypt	-	1,005	-	-	-	-	-	-	-	-
El Salvador	-	393	-	-	-	502	502	-	-	-
Finland	1,668	661	-	-	-	-	-	-	-	-
France	4,540	930	-	-	-	700	700	-	-	-
Germany	3,128	-	-	2	-	-	-	0	-	0
Ghana	-	240	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	-	-
Guatemala	-	413	-	6	-	1,314	1,314	-	107	107
Honduras	-	535	-	7	-	747	747	-	0	0
Hong Kong	-	-	-	0	-	-	-	-	-	-
India	12,346	2,378	-	13	-	-	-	-	-	-
Indonesia	-	2,909	-	-	-	-	-	-	-	-
Ireland	-	-	-	-	-	-	-	-	-	-
Israel	-	-	-	0	-	-	-	-	0	0
Italy	2,991	-	-	8	-	-	-	-	-	-
Jamaica	-	92	-	-	-	89	89	0	-	0
Japan	-	10,607	-	981	-	0	0	2	-	2
Korea, South	15,191	3,434	-	1	-	0	0	-	0	0
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	6,604	-	462	-	16,239	16,239	1	1,137	1,138
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	3,004	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	12,824	2,229	-	15	-	-	-	-	-	-
New Zealand	-	-	-	0	-	-	-	-	-	-
Nicaragua	689	-	-	-	-	130	130	-	-	-
Nigeria	-	228	-	0	-	-	-	-	-	-
Norway	-	1,380	-	-	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	-	75	-	1	-	1,381	1,381	-	-	-
Peru	699	583	-	202	-	1,584	1,584	-	-	-
Philippines	-	-	-	0	-	-	-	-	-	-
Portugal	-	685	-	-	-	-	-	-	-	-
Puerto Rico	-	7	-	1	-	2	2	-	0	0
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	0	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	10,653	2,906	-	7	-	-	-	-	-	-
South Africa	-	788	-	5	-	310	310	-	-	-
Spain	3,009	1,407	-	13	-	736	736	-	-	-
Switzerland	-	574	-	0	-	-	-	-	-	-
Taiwan	3,266	-	-	331	-	0	0	-	-	-
Thailand	684	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	-	0	-	0	-	609	609	-	-	-
Turkiye	-	1,983	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	0	-	-	-	-	-	-
United Kingdom	13,602	1,440	-	23	-	1	1	-	-	-
Venezuela	-	-	-	0	-	0	0	0	-	0
Other	3,276	3,075	-	3	-	300	300	-	-	-
Total	111,469	71,444	-	7,180	-	30,829	30,829	3	2,403	2,406

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, September 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	960	—	106	—	1,066	—	—
Australia	79	—	NA	NA	2	—	—	—	2	—	—
Bahamas	—	—	NA	NA	120	—	258	—	378	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	643	—	290	—	933	—	—
Belize	—	—	NA	NA	40	37	—	—	77	—	—
Brazil	—	—	NA	NA	5,952	170	—	—	6,122	—	—
Canada	1,007	605	NA	NA	0	63	183	—	246	8	—
Cayman Islands	—	—	NA	NA	183	—	—	—	183	—	—
Chile	1	—	NA	NA	3,492	—	—	—	3,492	0	—
China	3	—	NA	NA	0	—	—	—	0	—	—
Colombia	19	—	NA	NA	206	—	—	—	206	2	—
Costa Rica	—	—	NA	NA	500	—	—	—	500	0	—
Denmark	—	—	NA	NA	293	—	—	—	293	—	—
Dominican Republic	2	—	NA	NA	319	—	508	—	827	—	—
Ecuador	—	—	NA	NA	1,141	—	—	—	1,141	—	—
Egypt	61	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	258	244	—	—	502	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	—	—	NA	NA	608	—	—	—	608	—	—
Germany	0	2	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	1	—	—	—	1	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	66	—	NA	NA	—	—	—	—	—	—	—
Guatemala	—	—	NA	NA	678	257	78	—	1,013	—	—
Honduras	—	—	NA	NA	0	343	269	—	612	—	—
Hong Kong	0	—	NA	NA	—	—	—	—	—	—	—
India	0	—	NA	NA	1	—	—	—	1	—	—
Indonesia	0	0	NA	NA	1	—	—	—	1	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	2	—	NA	NA	—	—	—	—	—	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	49	—	NA	NA	63	—	100	—	163	0	—
Japan	0	—	NA	NA	—	—	—	—	—	—	—
Korea, South	287	—	NA	NA	0	—	—	—	0	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	70	0	NA	NA	9,607	—	2	—	9,608	1	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	163	—	NA	NA	2,229	—	61	—	2,289	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	285	—	62	—	347	40	—
Nigeria	—	—	NA	NA	0	—	—	—	0	—	—
Norway	35	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	1,197	—	722	—	1,919	1	—
Peru	4	33	NA	NA	3,100	—	—	—	3,100	0	—
Philippines	176	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	5	—	NA	NA	618	—	—	—	618	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	—	—	NA	NA	4	—	—	—	4	—	—
Serbia (Excludes Kosovo)	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	1	0	NA	NA	0	—	—	—	0	0	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	—	—	—	—	—	—	—
Switzerland	3	0	NA	NA	102	—	—	—	102	—	—
Taiwan	0	—	NA	NA	0	—	—	—	0	—	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	30	—	259	—	289	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	0	—	NA	NA	0	—	—	—	0	0	—
United Kingdom	74	—	NA	NA	1,480	—	—	—	1,480	320	—
Venezuela	0	—	NA	NA	—	—	—	—	—	—	—
Other	37	1	NA	NA	650	133	368	—	1,152	—	—
Total	2,144	641	NA	NA	34,763	1,247	3,266	—	39,275	372	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, September 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	—	40	—	0	—	51	1	—
Australia	—	—	—	—	—	—	2	209
Bahamas	—	157	—	414	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	67
Belize	—	18	—	—	—	—	—	—
Brazil	—	305	—	—	—	—	0	1,158
Canada	—	1,010	—	173	—	12	105	389
Cayman Islands	—	99	—	44	—	—	—	—
Chile	—	1,113	—	274	—	—	1	1
China	—	—	—	4	—	—	3	2,731
Colombia	—	285	—	—	—	—	0	0
Costa Rica	—	100	—	—	—	—	0	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	63	—	100	—	—	0	183
Ecuador	—	—	—	—	—	—	—	416
Egypt	—	—	—	—	—	—	—	152
El Salvador	—	34	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	0	—
Germany	—	—	—	0	—	—	6	0
Ghana	—	—	—	—	—	—	—	44
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	—	93	—	0	—	—	0	275
Honduras	—	76	—	—	—	—	0	264
Hong Kong	—	—	—	—	—	—	0	—
India	—	0	—	1	—	921	1	2,827
Indonesia	—	—	—	—	—	—	—	55
Ireland	—	—	—	—	—	—	—	194
Israel	—	317	—	—	—	—	0	—
Italy	—	—	—	—	—	—	0	729
Jamaica	—	180	—	—	—	—	—	1
Japan	—	—	—	—	—	—	0	1,836
Korea, South	—	—	—	278	—	—	0	0
Lebanon	—	—	—	—	—	—	—	—
Mexico	—	988	—	158	—	80	17	2,226
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	479
Mozambique	—	—	—	—	—	—	—	—
Netherlands	—	308	—	98	—	—	5	308
New Zealand	—	—	—	—	—	—	0	99
Nicaragua	—	0	—	—	—	—	0	—
Nigeria	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	42
Pakistan	—	—	—	—	—	—	0	—
Panama	—	388	—	382	—	—	—	—
Peru	—	431	—	—	—	—	0	0
Philippines	—	—	—	—	—	—	0	272
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	—	1	—	—	—	—	0	—
Romania	—	—	—	—	—	—	0	—
Saudi Arabia	—	—	—	—	—	—	0	1
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	—	—	0	—	—	0	—
South Africa	—	—	—	—	—	135	0	—
Spain	—	—	—	—	—	—	1	165
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	—	0	—
Thailand	—	—	—	—	—	292	0	0
Trinidad and Tobago	—	—	—	—	—	—	0	—
Turkiye	—	—	—	—	—	—	0	1,447
United Arab Emirates	—	—	—	—	—	—	0	306
United Kingdom	—	—	—	—	—	—	0	149
Venezuela	—	—	—	—	—	—	0	—
Other	—	340	—	114	—	—	3	83
Total	—	6,346	—	2,040	—	1,491	145	17,108

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, September 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	0	82	0	1,250	1,250	—	42	42
Australia	—	9	0	887	2,515	54	30	84
Bahamas	2	3	0	1,289	2,021	24	43	67
Bahrain	—	0	—	0	0	—	0	0
Belgium	0	79	0	2,228	2,228	—	74	74
Belize	—	2	—	138	138	—	5	5
Brazil	—	385	2	11,644	13,484	61	388	449
Canada	162	287	6	16,399	25,384	300	547	846
Cayman Islands	3	2	—	356	356	—	12	12
Chile	0	40	—	7,096	7,096	—	237	237
China	—	8	0	8,658	16,621	265	289	554
Colombia	1	99	1	3,280	3,781	17	109	126
Costa Rica	128	15	—	1,594	1,594	—	53	53
Denmark	—	0	—	293	977	23	10	33
Dominican Republic	1	16	0	3,014	3,584	19	100	119
Ecuador	—	23	—	3,266	3,266	—	109	109
Egypt	—	0	—	1,219	1,219	—	41	41
El Salvador	0	5	—	1,435	1,435	—	48	48
Finland	—	1	—	662	2,330	56	22	78
France	—	31	—	2,271	6,811	151	76	227
Germany	4	2	1	17	3,145	104	1	105
Ghana	—	0	—	285	285	—	10	10
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	67	67	—	2	2
Guatemala	—	12	0	3,232	3,232	—	108	108
Honduras	—	11	—	2,252	2,252	—	75	75
Hong Kong	—	0	1	1	1	—	0	0
India	0	100	0	6,244	18,590	412	208	620
Indonesia	1	12	0	2,978	2,978	—	99	99
Ireland	—	0	0	194	194	—	6	6
Israel	—	6	0	326	326	—	11	11
Italy	—	0	—	737	3,728	100	25	124
Jamaica	—	3	0	576	576	—	19	19
Japan	—	16	6	13,449	13,449	—	448	448
Korea, South	1	10	0	4,012	19,203	506	134	640
Lebanon	—	0	—	0	0	—	0	0
Mexico	68	594	33	38,287	38,287	—	1,276	1,276
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	3,484	3,484	—	116	116
Mozambique	—	—	—	—	—	—	—	—
Netherlands	1	3	—	5,421	18,245	427	181	608
New Zealand	0	0	—	99	99	—	3	3
Nicaragua	—	4	—	520	1,210	23	17	40
Nigeria	—	1	—	230	230	—	8	8
Norway	—	0	0	1,456	1,456	—	49	49
Pakistan	0	0	—	0	0	—	0	0
Panama	—	14	5	4,165	4,165	—	139	139
Peru	—	48	0	5,986	6,685	23	200	223
Philippines	—	1	0	450	450	—	15	15
Portugal	—	0	—	685	685	—	23	23
Puerto Rico	49	13	—	696	696	—	23	23
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	7	—	12	12	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	3	0	2,917	13,570	355	97	452
South Africa	—	38	—	1,275	1,275	—	43	43
Spain	—	2	—	2,323	5,333	100	77	178
Switzerland	—	—	—	680	680	—	23	23
Taiwan	—	3	0	334	3,601	109	11	120
Thailand	0	19	1	312	997	23	10	33
Trinidad and Tobago	—	4	0	901	901	—	30	30
Turkiye	—	37	—	3,467	3,467	—	116	116
United Arab Emirates	—	55	—	361	361	—	12	12
United Kingdom	—	35	—	3,522	17,124	453	117	571
Venezuela	—	8	—	10	10	—	0	0
Other	43	65	3	5,217	8,489	111	172	282
Total	464	2,213	59	184,159	295,628	3,716	6,139	9,854

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, October 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	3	-	44	44	-	-	-
Australia	-	0	-	2	-	-	-	1	0	1
Bahamas	-	11	-	-	-	42	42	0	256	256
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	704	-	14	-	-	-	-	-	-
Belize	-	35	-	-	-	-	-	-	-	-
Brazil	390	3	-	483	-	1,491	1,491	-	-	-
Canada	11,882	5,565	-	2,112	-	463	463	-	299	299
Cayman Islands	-	0	-	-	-	7	7	-	-	-
Chile	-	1,422	-	157	-	2,398	2,398	-	7	7
China	8,861	13,363	-	2	-	-	-	0	-	0
Colombia	525	153	-	1,289	-	1,721	1,721	-	-	-
Costa Rica	-	104	-	30	-	915	915	-	0	0
Denmark	2,620	-	-	-	-	-	-	-	-	-
Dominican Republic	1,001	1,123	-	-	-	282	282	0	-	0
Ecuador	-	784	-	597	-	600	600	-	-	-
Egypt	-	1,232	-	-	-	-	-	-	-	-
El Salvador	-	303	-	0	-	549	549	-	-	-
Finland	-	784	-	1	-	-	-	-	-	-
France	2,074	1,424	-	12	-	-	-	-	-	-
Germany	5,085	-	-	2	-	0	0	-	-	-
Ghana	-	379	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-	0	0
Guatemala	-	-	-	5	-	1,547	1,547	-	-	-
Honduras	-	386	-	9	-	384	384	-	-	-
Hong Kong	-	-	-	-	-	-	-	-	-	-
India	14,260	2,090	-	19	-	-	-	-	-	-
Indonesia	364	2,551	-	0	-	-	-	-	-	-
Ireland	632	-	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	-	-	-
Italy	5,754	278	-	-	-	-	-	-	-	-
Jamaica	-	37	-	-	-	103	103	-	0	0
Japan	3,037	13,583	-	506	-	0	0	0	-	0
Korea, South	13,327	4,635	-	0	-	0	0	1	-	1
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	5,905	-	543	-	13,536	13,536	1	809	810
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	1,821	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	12,495	3,275	-	21	-	-	-	-	-	-
New Zealand	-	-	-	0	-	0	0	-	-	-
Nicaragua	285	-	-	-	-	-	-	-	-	-
Nigeria	-	239	-	0	-	-	-	-	-	-
Norway	731	1,082	-	149	-	-	-	-	-	-
Pakistan	-	-	-	-	-	0	0	-	-	-
Panama	1,400	893	-	0	-	534	534	-	-	-
Peru	-	495	-	214	-	931	931	-	100	100
Philippines	-	-	-	1	-	-	-	-	-	-
Portugal	743	717	-	-	-	-	-	-	-	-
Puerto Rico	-	9	-	0	-	4	4	-	0	0
Romania	-	62	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	1	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	9,024	1,083	-	1	-	-	-	-	-	-
South Africa	-	0	-	8	-	-	-	-	-	-
Spain	4,121	1,998	-	-	-	-	-	-	-	-
Switzerland	-	-	-	-	-	-	-	-	-	-
Taiwan	4,178	-	-	325	-	-	-	-	0	0
Thailand	2,297	0	-	1	-	0	0	-	-	-
Trinidad and Tobago	-	0	-	0	-	0	0	-	-	-
Turkiye	-	1,644	-	0	-	-	-	-	-	-
United Arab Emirates	-	-	-	0	-	2	2	-	-	-
United Kingdom	12,450	1,079	-	-	-	592	592	-	-	-
Venezuela	-	0	-	2	-	-	-	-	-	-
Other	6,528	3,203	-	6	-	183	183	1	2	3
Total	124,064	74,454	-	6,515	-	26,328	26,328	4	1,473	1,477

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, October 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	—	—	—	—	—	—	—
Australia	0	0	NA	NA	—	—	—	—	—	0	—
Bahamas	—	—	NA	NA	542	175	248	—	965	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	—	—	—	—	—	—	—
Belize	—	—	NA	NA	3	37	—	—	40	—	—
Brazil	1	—	NA	NA	2,283	—	—	—	2,283	—	—
Canada	1,067	420	NA	NA	2	299	121	—	422	2	—
Cayman Islands	0	—	NA	NA	145	—	—	—	145	—	—
Chile	0	—	NA	NA	4,407	—	—	—	4,407	—	—
China	1	—	NA	NA	1	—	—	—	1	—	—
Colombia	17	—	NA	NA	906	—	—	—	906	0	—
Costa Rica	0	—	NA	NA	534	—	0	—	534	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	1	—	NA	NA	185	—	329	—	515	0	—
Ecuador	0	—	NA	NA	1,991	570	—	—	2,561	—	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	0	—	NA	NA	71	185	80	—	336	0	—
Finland	—	—	NA	NA	486	—	—	—	486	—	—
France	0	—	NA	NA	—	—	—	—	—	—	—
Germany	—	3	NA	NA	—	—	—	—	—	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	0	—	NA	NA	441	430	140	—	1,011	0	—
Honduras	—	—	NA	NA	224	72	384	—	680	0	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	202	—	NA	NA	41	1	—	—	41	—	—
Indonesia	0	—	NA	NA	—	—	—	—	—	—	—
Ireland	—	—	NA	NA	—	—	—	—	—	—	—
Israel	0	—	NA	NA	—	—	—	—	—	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	50	—	NA	NA	105	—	90	—	195	0	—
Japan	0	—	NA	NA	2	—	—	—	2	—	—
Korea, South	120	—	NA	NA	3	—	—	—	3	—	—
Lebanon	1	—	NA	NA	—	—	—	—	—	—	—
Mexico	155	0	NA	NA	7,560	—	3	—	7,562	4	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	1	—	—	—	1	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	132	—	NA	NA	282	—	483	—	765	243	—
New Zealand	0	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	—	67	64	—	131	17	—
Nigeria	—	—	NA	NA	—	—	—	—	—	—	—
Norway	—	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	1,222	65	27	—	1,314	1	—
Peru	108	45	NA	NA	2,357	—	—	—	2,357	—	—
Philippines	0	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	6	—	NA	NA	235	—	—	—	235	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	56	—	NA	NA	—	—	—	—	—	—	—
Serbia (Excludes Kosovo)	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	0	—	NA	NA	—	—	—	—	—	0	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	32	—	NA	NA	—	—	—	—	—	—	—
Switzerland	2	—	NA	NA	—	—	—	—	—	—	—
Taiwan	0	—	NA	NA	0	—	—	—	0	—	—
Thailand	—	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	0	—	—	—	0	—	—
Turkiye	—	—	NA	NA	—	—	—	—	—	—	—
United Arab Emirates	—	—	NA	NA	0	—	—	—	0	0	—
United Kingdom	82	—	NA	NA	1,100	—	—	—	1,100	—	—
Venezuela	0	—	NA	NA	4	—	—	—	4	—	—
Other	3	—	NA	NA	1,266	443	947	—	2,658	2	—
Total	2,036	468	NA	NA	26,399	2,344	2,916	—	31,660	269	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, October 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	60	-	373	-	-	1	-
Australia	-	-	-	-	-	-	1	143
Bahamas	-	58	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	288
Belize	-	6	-	-	-	-	-	-
Brazil	-	238	-	-	-	-	1	1,476
Canada	-	1,297	-	172	-	4	96	799
Cayman Islands	-	13	-	-	-	-	0	-
Chile	-	315	-	-	-	-	1	-
China	-	-	-	2	-	-	3	4,694
Colombia	-	107	-	-	-	-	0	58
Costa Rica	-	150	-	117	-	-	0	-
Denmark	-	-	-	-	-	-	0	-
Dominican Republic	-	132	-	200	-	-	0	399
Ecuador	-	-	-	-	-	-	0	-
Egypt	-	-	-	-	-	175	-	-
El Salvador	-	182	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	21
Germany	-	-	-	-	-	-	4	0
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-
Guatemala	-	53	-	20	-	-	-	728
Honduras	-	50	-	270	-	-	-	262
Hong Kong	-	-	-	-	-	-	0	0
India	-	-	-	38	-	-	1	3,517
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	-	-
Israel	-	-	-	-	-	-	-	423
Italy	-	-	-	-	-	-	0	578
Jamaica	-	0	-	0	-	-	0	149
Japan	-	-	-	0	-	-	1	712
Korea, South	-	-	-	498	-	-	0	248
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	933	-	224	-	147	15	1,031
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	100
Netherlands	-	-	-	334	-	60	3	1
New Zealand	-	4	-	-	-	-	0	-
Nicaragua	-	-	-	111	-	-	-	347
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	84
Pakistan	-	-	-	-	-	-	-	-
Panama	-	344	-	517	-	-	-	-
Peru	-	179	-	-	-	-	0	55
Philippines	-	-	-	0	-	-	0	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	0	-	-	0	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-
South Africa	-	-	-	-	-	-	1	97
Spain	-	-	-	-	-	-	-	1,073
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	-	-	-	0	-
Trinidad and Tobago	-	130	-	45	-	-	0	-
Turkiye	-	-	-	-	-	-	0	607
United Arab Emirates	-	-	-	-	-	-	-	468
United Kingdom	-	0	-	0	-	-	0	83
Venezuela	-	-	-	-	-	-	-	-
Other	-	171	-	21	-	-	3	402
Total	-	4,422	-	2,942	-	386	131	18,843

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, October 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	24	24	0	529	529	—	17	17
Australia	0	9	0	157	157	—	5	5
Bahamas	1	1	0	1,335	1,335	—	43	43
Bahrain	—	0	—	0	0	—	0	0
Belgium	—	425	0	1,431	1,431	—	46	46
Belize	—	1	—	81	81	—	3	3
Brazil	—	229	2	6,208	6,599	13	200	213
Canada	213	270	4	13,206	25,088	383	426	809
Cayman Islands	1	1	—	166	166	—	5	5
Chile	—	65	—	8,773	8,773	—	283	283
China	1	10	1	18,079	26,940	286	583	869
Colombia	1	114	1	4,367	4,892	17	141	158
Costa Rica	—	18	—	1,867	1,867	—	60	60
Denmark	—	0	—	0	2,620	85	0	85
Dominican Republic	34	22	0	2,708	3,709	32	87	120
Ecuador	0	22	—	4,564	4,564	—	147	147
Egypt	—	0	—	1,408	1,408	—	45	45
El Salvador	—	50	—	1,420	1,420	—	46	46
Finland	—	1	—	1,272	1,272	—	41	41
France	—	117	—	1,575	3,648	67	51	118
Germany	6	5	—	21	5,106	164	1	165
Ghana	—	2	—	381	381	—	12	12
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	0	—	0	0	—	0	0
Guatemala	—	8	—	3,372	3,372	—	109	109
Honduras	—	13	0	2,056	2,056	—	66	66
Hong Kong	—	1	0	2	2	—	0	0
India	0	11	1	5,919	20,179	460	191	651
Indonesia	0	1	0	2,552	2,916	12	82	94
Ireland	—	0	—	0	632	20	0	20
Israel	0	1	0	424	424	—	14	14
Italy	—	0	—	856	6,610	186	28	213
Jamaica	—	6	—	541	541	—	17	17
Japan	0	5	7	14,816	17,854	98	478	576
Korea, South	3	7	0	5,515	18,842	430	178	608
Lebanon	—	0	—	1	1	—	0	0
Mexico	68	608	30	31,571	31,571	—	1,018	1,018
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	1,821	1,821	—	59	59
Mozambique	—	—	—	100	100	—	3	3
Netherlands	0	4	0	4,838	17,332	403	156	559
New Zealand	0	0	—	5	5	—	0	0
Nicaragua	—	5	—	610	895	9	20	29
Nigeria	—	0	—	239	239	—	8	8
Norway	—	0	0	1,315	2,046	24	42	66
Pakistan	—	0	—	0	0	—	0	0
Panama	—	23	—	3,627	5,028	45	117	162
Peru	—	41	0	4,524	4,524	—	146	146
Philippines	—	1	0	3	3	—	0	0
Portugal	—	0	—	717	1,460	24	23	47
Puerto Rico	1	13	—	268	268	—	9	9
Romania	—	0	—	62	62	—	2	2
Saudi Arabia	—	11	0	68	68	—	2	2
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	17	0	1,101	10,125	291	36	327
South Africa	—	97	—	203	203	—	7	7
Spain	—	4	—	3,106	7,228	133	100	233
Switzerland	—	0	—	2	2	—	0	0
Taiwan	0	2	0	328	4,506	135	11	145
Thailand	0	5	1	7	2,303	74	0	74
Trinidad and Tobago	—	7	—	183	183	—	6	6
Turkiye	—	1	—	2,253	2,253	—	73	73
United Arab Emirates	1	68	0	540	540	—	17	17
United Kingdom	0	2	—	2,939	15,389	402	95	496
Venezuela	—	10	—	17	17	—	1	1
Other	4	64	2	6,710	13,238	209	217	428
Total	358	2,422	49	172,759	296,824	4,002	5,573	9,575

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, November 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	-	-	0	-	293	293	-	-	-
Australia	-	0	-	1	-	-	-	0	0	1
Bahamas	-	21	-	0	-	2,128	2,128	-	1,042	1,042
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	879	-	2	-	-	-	-	-	-
Belize	-	18	-	-	-	61	61	-	-	-
Brazil	984	501	-	1,031	-	1,305	1,305	-	-	-
Canada	11,266	7,761	-	2,251	-	314	314	-	525	525
Cayman Islands	-	5	-	-	-	10	10	-	-	-
Chile	-	1,109	-	14	-	1,634	1,634	-	-	-
China	10,229	7,898	-	5	-	-	-	-	0	0
Colombia	525	157	-	1,297	-	2,204	2,204	-	-	-
Costa Rica	-	133	-	0	-	600	600	0	-	0
Denmark	-	-	-	-	-	-	-	-	-	-
Dominican Republic	1,002	1,202	-	0	-	859	859	-	-	-
Ecuador	-	1,605	-	0	-	1,224	1,224	-	-	-
Egypt	-	921	-	-	-	-	-	-	-	-
El Salvador	-	239	-	-	-	510	510	-	-	-
Finland	752	-	-	-	-	-	-	-	-	-
France	6,036	1,056	-	0	-	-	-	-	-	-
Germany	3,313	-	-	7	-	-	-	-	-	-
Ghana	-	-	-	-	-	-	-	-	-	-
Gibraltar	-	899	-	-	-	-	-	-	-	-
Greece	-	249	-	-	-	-	-	-	-	-
Guatemala	-	413	-	0	-	1,606	1,606	-	-	-
Honduras	-	562	-	-	-	412	412	-	0	0
Hong Kong	-	-	-	-	-	-	-	-	-	-
India	18,683	3,811	-	0	-	-	-	-	-	-
Indonesia	-	2,469	-	1	-	-	-	-	-	-
Ireland	1,275	-	-	-	-	-	-	-	-	-
Israel	-	1	-	0	-	-	-	-	-	-
Italy	3,745	104	-	8	-	-	-	-	-	-
Jamaica	-	63	-	-	-	42	42	-	-	-
Japan	-	15,315	-	1,121	-	1	1	0	-	0
Korea, South	15,391	3,410	-	10	-	0	0	-	0	0
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	5,479	-	514	-	14,196	14,196	1	323	324
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	1,924	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	12,365	2,720	-	328	-	-	-	-	-	-
New Zealand	-	0	-	-	-	-	-	-	-	-
Nicaragua	294	-	-	-	-	-	-	-	-	-
Nigeria	-	423	-	-	-	483	483	-	-	-
Norway	3,194	1,312	-	145	-	-	-	-	-	-
Pakistan	-	-	-	-	-	0	0	-	-	-
Panama	3,459	253	-	-	-	915	915	-	-	-
Peru	-	257	-	3	-	921	921	-	-	-
Philippines	-	-	-	0	-	-	-	-	-	-
Portugal	-	370	-	-	-	-	-	-	-	-
Puerto Rico	-	3	-	1	-	1	1	-	0	0
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	7	-	0	0	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	9,733	7	-	1	-	-	-	-	0	0
South Africa	-	401	-	-	-	-	-	-	-	-
Spain	4,989	1,091	-	17	-	-	-	-	-	-
Switzerland	-	-	-	0	-	-	-	-	-	-
Taiwan	5,535	21	-	3	-	0	0	0	-	0
Thailand	298	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	-	0	-	0	-	0	0	-	-	-
Turkiye	-	894	-	-	-	-	-	-	0	0
United Arab Emirates	-	-	-	-	-	1	1	1	-	1
United Kingdom	8,148	738	-	0	-	26	26	-	-	-
Venezuela	-	-	-	1	-	-	-	-	-	-
Other	1,948	4,458	-	6	-	200	200	1	1	1
Total	123,164	71,152	-	6,775	-	29,946	29,946	3	1,891	1,894

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, November 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	—	—	NA	NA	778	—	—	—	778	—	—
Australia	0	—	NA	NA	—	—	—	—	—	—	—
Bahamas	0	—	NA	NA	343	170	330	—	843	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	324	—	—	—	324	—	—
Belize	—	—	NA	NA	1	35	—	—	36	—	—
Brazil	0	—	NA	NA	3,239	—	130	—	3,369	—	—
Canada	1,146	180	NA	NA	51	150	86	—	287	20	—
Cayman Islands	0	—	NA	NA	106	—	—	—	106	—	—
Chile	0	—	NA	NA	1,960	—	—	—	1,960	—	—
China	0	—	NA	NA	1	—	—	—	1	—	—
Colombia	44	—	NA	NA	1,325	—	—	—	1,325	—	—
Costa Rica	0	—	NA	NA	740	—	—	—	740	0	—
Denmark	—	—	NA	NA	—	—	—	—	—	—	—
Dominican Republic	1	—	NA	NA	189	—	439	—	628	0	—
Ecuador	0	—	NA	NA	2,841	—	—	—	2,841	0	—
Egypt	—	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	—	NA	NA	1	240	76	—	317	0	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	0	—	NA	NA	—	—	—	—	—	—	—
Germany	—	3	NA	NA	—	—	—	—	—	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	—	—	—	—	—	—	—
Greece	—	—	NA	NA	—	—	—	—	—	—	—
Guatemala	0	—	NA	NA	6	625	185	—	817	0	—
Honduras	—	—	NA	NA	183	379	—	—	562	—	—
Hong Kong	0	—	NA	NA	—	—	—	—	—	—	—
India	1	—	NA	NA	0	—	3	—	3	—	—
Indonesia	—	0	NA	NA	—	—	—	—	—	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	1	—	NA	NA	0	—	—	—	0	1	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	64	—	NA	NA	200	—	—	—	200	0	—
Japan	0	—	NA	NA	—	—	—	—	—	0	—
Korea, South	148	—	NA	NA	0	—	—	—	0	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	122	0	NA	NA	7,702	38	10	—	7,749	0	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	—	—	—	—	—	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	109	—	NA	NA	1,332	—	283	—	1,615	0	—
New Zealand	—	—	NA	NA	0	—	—	—	0	—	—
Nicaragua	—	—	NA	NA	—	106	74	—	180	20	—
Nigeria	0	—	NA	NA	0	—	—	—	0	—	—
Norway	31	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	1,114	563	451	—	2,129	0	—
Peru	107	37	NA	NA	2,947	—	—	—	2,947	—	—
Philippines	51	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	6	—	NA	NA	130	—	—	—	130	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	0	—	NA	NA	1	—	—	—	1	—	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	0	—	NA	NA	676	—	—	—	676	0	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	—	—	—	—	—	—	—
Switzerland	3	—	NA	NA	0	—	—	—	0	—	—
Taiwan	0	—	NA	NA	—	—	—	—	—	—	—
Thailand	0	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	0	—	NA	NA	307	—	240	—	547	—	—
Turkiye	0	—	NA	NA	0	—	—	—	0	—	—
United Arab Emirates	—	—	NA	NA	—	—	—	—	—	0	—
United Kingdom	78	—	NA	NA	1,233	—	266	—	1,499	—	—
Venezuela	—	—	NA	NA	0	—	—	—	0	—	—
Other	2	1	NA	NA	1,308	671	495	—	2,473	1	—
Total	1,914	221	NA	NA	29,038	2,977	3,068	—	35,083	42	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, November 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	74	-	416	-	154	0	0
Australia	-	-	-	-	-	-	1	319
Bahamas	-	55	-	533	-	-	-	-
Bahrain	-	-	-	-	-	-	0	116
Belgium	-	-	-	-	-	-	-	3
Belize	-	15	-	-	-	-	-	-
Brazil	-	472	-	-	-	-	1	1,975
Canada	-	870	-	663	-	-	79	644
Cayman Islands	-	4	-	0	-	-	-	-
Chile	-	357	-	626	-	-	0	-
China	-	-	-	1	-	-	2	3,781
Colombia	-	105	-	-	-	-	0	-
Costa Rica	-	120	-	-	-	-	0	204
Denmark	-	-	-	-	-	-	0	-
Dominican Republic	-	120	-	0	-	-	0	182
Ecuador	-	-	-	-	-	-	0	-
Egypt	-	-	-	-	-	-	-	292
El Salvador	-	40	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	22
Germany	-	-	-	-	-	-	1	0
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	-
Guatemala	-	55	-	-	-	-	-	-
Honduras	-	54	-	-	-	-	0	290
Hong Kong	-	-	-	-	-	-	0	-
India	-	-	-	25	-	438	2	1,608
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	-	145
Israel	-	333	-	-	-	-	-	-
Italy	-	-	-	-	-	-	0	420
Jamaica	-	152	-	-	-	-	-	-
Japan	-	-	-	1	-	-	1	1,123
Korea, South	-	-	-	270	-	-	0	285
Lebanon	-	-	-	-	-	-	-	126
Mexico	-	600	-	57	-	59	15	1,978
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	295
Mozambique	-	-	-	-	-	-	-	121
Netherlands	-	-	-	471	-	130	3	0
New Zealand	-	-	-	-	-	-	0	66
Nicaragua	-	0	-	-	-	-	0	0
Nigeria	-	-	-	-	-	-	0	-
Norway	-	-	-	-	-	-	0	86
Pakistan	-	-	-	-	-	-	0	-
Panama	-	524	-	231	-	-	-	-
Peru	-	280	-	160	-	-	0	0
Philippines	-	-	-	-	-	-	0	303
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	-	1	-	1	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	0	-	-	-	45
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	378	0	-
South Africa	-	-	-	38	-	97	0	127
Spain	-	-	-	-	-	-	0	27
Switzerland	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	0	-
Thailand	-	-	-	-	-	275	0	0
Trinidad and Tobago	-	0	-	-	-	-	0	-
Turkiye	-	-	-	-	-	-	0	273
United Arab Emirates	-	-	-	-	-	-	0	1
United Kingdom	-	-	-	-	-	-	0	-
Venezuela	-	-	-	-	-	-	-	-
Other	-	961	-	454	-	0	5	643
Total	-	5,192	-	3,947	-	1,530	110	15,500

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, November 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	48	89	—	1,853	1,853	—	62	62
Australia	0	4	1	326	326	—	11	11
Bahamas	2	2	—	4,627	4,627	—	154	154
Bahrain	—	0	—	116	116	—	4	4
Belgium	—	303	1	1,512	1,512	—	50	50
Belize	—	1	—	131	131	—	4	4
Brazil	0	187	1	8,843	9,827	33	295	328
Canada	103	288	5	15,135	26,401	376	505	880
Cayman Islands	0	1	—	126	126	—	4	4
Chile	60	106	—	5,867	5,867	—	196	196
China	1	10	1	11,700	21,929	341	390	731
Colombia	0	121	0	5,254	5,779	17	175	193
Costa Rica	—	8	0	1,806	1,806	—	60	60
Denmark	—	0	—	0	0	—	0	0
Dominican Republic	3	24	0	3,018	4,020	33	101	134
Ecuador	—	31	9	5,710	5,710	—	190	190
Egypt	—	—	—	1,213	1,213	—	40	40
El Salvador	—	8	—	1,115	1,115	—	37	37
Finland	—	0	—	0	752	25	0	25
France	—	34	—	1,113	7,149	201	37	238
Germany	1	2	0	14	3,327	110	0	111
Ghana	—	0	—	0	0	—	0	0
Gibraltar	—	—	—	899	899	—	30	30
Greece	—	0	—	249	249	—	8	8
Guatemala	0	11	—	2,902	2,902	—	97	97
Honduras	—	13	—	1,893	1,893	—	63	63
Hong Kong	—	0	0	1	1	—	0	0
India	0	40	0	5,928	24,612	623	198	820
Indonesia	1	1	0	2,472	2,472	—	82	82
Ireland	—	—	0	145	1,421	43	5	47
Israel	—	24	0	360	360	—	12	12
Italy	—	1	—	532	4,277	125	18	143
Jamaica	—	14	0	535	535	—	18	18
Japan	1	6	6	17,576	17,576	—	586	586
Korea, South	3	8	1	4,136	19,527	513	138	651
Lebanon	—	1	—	127	127	—	4	4
Mexico	88	587	31	31,801	31,801	—	1,060	1,060
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	2,218	2,218	—	74	74
Mozambique	—	—	—	121	121	—	4	4
Netherlands	1	1	0	5,378	17,743	412	179	591
New Zealand	98	1	—	165	165	—	6	6
Nicaragua	—	5	—	205	499	10	7	17
Nigeria	—	129	—	1,035	1,035	—	35	35
Norway	—	0	—	1,575	4,769	106	52	159
Pakistan	—	0	—	0	0	—	0	0
Panama	—	20	0	4,072	7,532	115	136	251
Peru	—	77	0	4,790	4,790	—	160	160
Philippines	—	1	0	355	355	—	12	12
Portugal	—	—	—	370	370	—	12	12
Puerto Rico	1	17	—	161	161	—	5	5
Romania	—	0	—	0	0	—	0	0
Saudi Arabia	—	10	—	63	63	—	2	2
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	13	0	1,075	10,808	324	36	360
South Africa	0	8	—	671	671	—	22	22
Spain	—	2	—	1,137	6,126	166	38	204
Switzerland	—	0	—	4	4	—	0	0
Taiwan	0	2	0	26	5,562	185	1	185
Thailand	0	5	0	282	580	10	9	19
Trinidad and Tobago	—	4	0	552	552	—	18	18
Turkiye	—	35	—	1,202	1,202	—	40	40
United Arab Emirates	—	32	0	35	35	—	1	1
United Kingdom	—	46	0	2,386	10,534	272	80	351
Venezuela	—	9	—	10	10	—	0	0
Other	33	40	4	9,268	11,212	65	310	378
Total	444	2,382	60	176,191	299,355	4,105	5,873	9,979

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, December 2022
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	-	0	-	0	-	250	250	-	-	-
Australia	-	550	-	2	-	-	-	-	-	-
Bahamas	-	28	-	-	-	97	97	-	1,900	1,900
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	2,519	-	145	-	-	-	-	-	-
Belize	-	25	-	-	-	50	50	-	-	-
Brazil	1,181	1,202	-	974	-	978	978	0	-	0
Canada	9,134	7,975	-	2,108	-	491	491	-	1,057	1,057
Cayman Islands	-	-	-	-	-	27	27	-	-	-
Chile	-	947	-	15	-	1,100	1,100	-	-	-
China	6,228	10,794	-	12	-	-	-	-	-	-
Colombia	549	89	-	681	-	1,345	1,345	-	-	-
Costa Rica	-	94	-	9	-	593	593	-	-	-
Denmark	2,799	-	-	-	-	-	-	-	-	-
Dominican Republic	484	1,168	-	45	-	896	896	0	-	0
Ecuador	-	1,074	-	12	-	1,197	1,197	-	-	-
Egypt	-	1,893	-	-	-	-	-	-	-	-
El Salvador	-	480	-	0	-	669	669	-	-	-
Finland	73	-	-	-	-	-	-	-	-	-
France	5,573	1,191	-	0	-	-	-	-	-	-
Germany	1,235	-	-	5	-	-	-	-	-	-
Ghana	-	-	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-	-	-
Greece	-	192	-	-	-	-	-	-	-	-
Guatemala	-	208	-	-	-	1,900	1,900	-	-	-
Honduras	-	633	-	-	-	610	610	-	-	-
Hong Kong	-	-	-	0	-	-	-	-	-	-
India	6,349	2,915	-	17	-	0	0	-	-	-
Indonesia	-	2,702	-	0	-	-	-	-	-	-
Ireland	600	-	-	-	-	-	-	-	-	-
Israel	-	1	-	-	-	-	-	-	-	-
Italy	4,732	591	-	0	-	-	-	-	-	-
Jamaica	-	105	-	0	-	91	91	-	-	-
Japan	-	15,394	-	333	-	0	0	-	-	-
Korea, South	10,260	3,854	-	444	-	0	0	0	0	0
Lebanon	-	-	-	-	-	-	-	-	-	-
Mexico	-	6,588	-	599	-	14,053	14,053	2	1,053	1,055
Montenegro	-	-	-	-	-	-	-	-	-	-
Morocco	-	2,088	-	-	-	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	-	-	-
Netherlands	15,205	1,613	-	656	-	325	325	-	-	-
New Zealand	-	-	-	0	-	-	-	-	-	-
Nicaragua	272	-	-	-	-	80	80	-	-	-
Nigeria	-	240	-	0	-	269	269	-	-	-
Norway	4,078	970	-	110	-	-	-	-	-	-
Pakistan	-	-	-	-	-	-	-	-	-	-
Panama	1,690	379	-	-	-	872	872	-	0	0
Peru	800	519	-	0	-	935	935	-	-	-
Philippines	-	-	-	0	-	536	536	-	-	-
Portugal	797	1,131	-	-	-	-	-	-	-	-
Puerto Rico	-	1	-	1	-	4	4	-	0	0
Romania	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	0	-	-	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-	-	-
Singapore	7,523	1,212	-	1	-	356	356	-	-	-
South Africa	-	-	-	1	-	-	-	-	-	-
Spain	4,030	948	-	21	-	-	-	-	-	-
Switzerland	-	-	-	0	-	-	-	-	-	-
Taiwan	11,193	24	-	1	-	1	1	-	-	-
Thailand	2,716	-	-	1	-	-	-	-	-	-
Trinidad and Tobago	-	1	-	-	-	327	327	-	-	-
Turkiye	-	1,468	-	-	-	-	-	-	-	-
United Arab Emirates	-	0	-	-	-	-	-	-	-	-
United Kingdom	15,449	1,000	-	10	-	0	0	-	-	-
Venezuela	-	-	-	450	-	1	1	-	-	-
Other	3,966	4,437	-	90	-	1,112	1,112	-	1	1
Total	116,916	79,243	-	6,743	-	29,165	29,165	2	4,011	4,013

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, December 2022
(Thousand Barrels) — Continued

Destination	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
Argentina	0	0	NA	NA	1,162	300	—	—	1,462	—	—
Australia	0	—	NA	NA	1	—	—	—	1	—	—
Bahamas	—	—	NA	NA	387	—	275	—	662	—	—
Bahrain	—	—	NA	NA	—	—	—	—	—	—	—
Belgium	0	—	NA	NA	595	—	—	—	595	—	—
Belize	—	—	NA	NA	3	—	—	—	3	—	—
Brazil	0	0	NA	NA	4,174	120	—	—	4,294	459	—
Canada	1,106	442	NA	NA	3	753	89	—	845	1	—
Cayman Islands	0	—	NA	NA	193	—	—	—	193	—	—
Chile	0	—	NA	NA	2,218	—	—	—	2,218	—	—
China	5	—	NA	NA	1	—	—	—	1	—	—
Colombia	24	—	NA	NA	296	—	—	—	296	—	—
Costa Rica	0	—	NA	NA	279	220	—	—	499	0	—
Denmark	—	—	NA	NA	523	—	—	—	523	—	—
Dominican Republic	3	—	NA	NA	638	—	571	—	1,210	0	—
Ecuador	0	—	NA	NA	2,168	130	—	—	2,298	0	—
Egypt	0	—	NA	NA	—	—	—	—	—	—	—
El Salvador	—	0	NA	NA	0	423	—	—	423	—	—
Finland	—	—	NA	NA	—	—	—	—	—	—	—
France	0	—	NA	NA	1,257	—	—	—	1,257	—	—
Germany	0	1	NA	NA	0	—	—	—	0	—	—
Ghana	—	—	NA	NA	—	—	—	—	—	—	—
Gibraltar	—	—	NA	NA	336	—	—	—	336	—	—
Greece	0	—	NA	NA	—	—	—	—	—	—	—
Guatemala	0	—	NA	NA	1,501	286	—	—	1,787	0	—
Honduras	—	—	NA	NA	635	127	—	—	762	0	—
Hong Kong	—	—	NA	NA	—	—	—	—	—	—	—
India	1	—	NA	NA	0	—	—	—	0	0	—
Indonesia	0	0	NA	NA	—	—	—	—	—	—	—
Ireland	0	—	NA	NA	—	—	—	—	—	—	—
Israel	0	—	NA	NA	—	—	—	—	—	—	—
Italy	—	—	NA	NA	—	—	—	—	—	—	—
Jamaica	98	—	NA	NA	210	—	—	—	210	0	—
Japan	0	—	NA	NA	0	—	—	—	0	—	—
Korea, South	101	—	NA	NA	0	—	—	—	0	—	—
Lebanon	—	—	NA	NA	—	—	—	—	—	—	—
Mexico	94	—	NA	NA	9,088	101	2	—	9,191	2	—
Montenegro	—	—	NA	NA	—	—	—	—	—	—	—
Morocco	—	—	NA	NA	1	—	—	—	1	—	—
Mozambique	—	—	NA	NA	—	—	—	—	—	—	—
Netherlands	0	—	NA	NA	2,453	90	100	—	2,643	—	—
New Zealand	—	—	NA	NA	—	—	—	—	—	—	—
Nicaragua	—	—	NA	NA	114	163	—	—	277	19	—
Nigeria	—	—	NA	NA	—	—	—	—	—	—	—
Norway	—	—	NA	NA	—	—	—	—	—	—	—
Pakistan	—	—	NA	NA	—	—	—	—	—	—	—
Panama	—	—	NA	NA	1,970	433	367	—	2,770	—	—
Peru	15	18	NA	NA	2,223	—	—	—	2,223	0	—
Philippines	155	—	NA	NA	—	—	—	—	—	—	—
Portugal	—	—	NA	NA	—	—	—	—	—	—	—
Puerto Rico	5	0	NA	NA	3	—	—	—	3	—	—
Romania	—	—	NA	NA	—	—	—	—	—	—	—
Saudi Arabia	—	—	NA	NA	—	—	—	—	—	—	—
Serbia (Excludes Kosovo) ..	—	—	NA	NA	—	—	—	—	—	—	—
Singapore	0	—	NA	NA	525	—	175	—	700	1	—
South Africa	—	—	NA	NA	—	—	—	—	—	—	—
Spain	—	—	NA	NA	0	—	—	—	0	—	—
Switzerland	3	—	NA	NA	—	—	—	—	—	—	—
Taiwan	0	—	NA	NA	0	—	—	—	0	—	—
Thailand	—	—	NA	NA	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	NA	NA	—	125	—	—	125	—	—
Turkiye	—	0	NA	NA	0	—	—	—	0	—	—
United Arab Emirates	—	—	NA	NA	—	—	—	—	—	2	—
United Kingdom	0	—	NA	NA	1,574	—	—	—	1,574	1	—
Venezuela	0	—	NA	NA	—	—	—	—	—	—	—
Other	58	1	NA	NA	627	162	1,565	—	2,353	1	—
Total	1,668	462	NA	NA	35,158	3,433	3,144	—	41,735	486	—

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, December 2022
(Thousand Barrels) — Continued

Destination	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
Argentina	-	-	-	-	-	74	0	0
Australia	-	-	-	-	-	-	1	165
Bahamas	-	116	-	753	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	111
Belize	-	-	-	-	-	-	-	-
Brazil	-	414	-	-	-	-	0	981
Canada	-	791	-	699	-	-	73	160
Cayman Islands	-	22	-	-	-	-	-	-
Chile	-	418	-	288	-	-	0	-
China	-	-	-	0	-	-	4	3,752
Colombia	-	-	-	-	-	-	0	1
Costa Rica	-	160	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	171
Dominican Republic	-	127	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	0	193
Egypt	-	-	-	-	-	180	-	83
El Salvador	-	38	-	-	-	-	0	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	-
Germany	-	-	-	-	-	-	0	-
Ghana	-	-	-	-	-	-	-	-
Gibraltar	-	-	-	-	-	-	-	-
Greece	-	-	-	-	-	-	-	66
Guatemala	-	157	-	-	-	-	0	207
Honduras	-	60	-	0	-	-	-	237
Hong Kong	-	-	-	-	-	-	0	-
India	-	-	-	139	-	87	0	2,274
Indonesia	-	-	-	-	-	-	0	-
Ireland	-	-	-	-	-	-	-	289
Israel	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	70	0	732
Jamaica	-	80	-	100	-	-	0	1
Japan	-	-	-	0	-	-	1	2,170
Korea, South	-	-	-	271	-	-	0	275
Lebanon	-	-	-	-	-	-	-	-
Mexico	-	2,246	-	293	-	152	14	1,284
Montenegro	-	-	-	-	-	-	-	-
Morocco	-	-	-	-	-	-	-	431
Mozambique	-	-	-	-	-	-	-	69
Netherlands	-	-	-	-	-	-	1	422
New Zealand	-	-	-	-	-	-	0	-
Nicaragua	-	0	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	44
Pakistan	-	-	-	-	-	-	-	-
Panama	-	340	-	825	-	-	-	193
Peru	-	86	-	0	-	-	0	0
Philippines	-	-	-	-	-	-	0	551
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	0	-
Romania	-	-	-	-	-	-	-	-
Saudi Arabia	-	1	-	-	-	-	0	0
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore	-	250	-	257	-	148	0	0
South Africa	-	-	-	-	-	-	1	69
Spain	-	-	-	-	-	-	1	458
Switzerland	-	-	-	-	-	-	0	-
Taiwan	-	0	-	-	-	-	0	-
Thailand	-	-	-	-	-	-	0	0
Trinidad and Tobago	-	120	-	-	-	-	-	-
Turkiye	-	-	-	-	-	-	-	810
United Arab Emirates	-	-	-	106	-	-	0	138
United Kingdom	-	-	-	-	-	-	0	0
Venezuela	-	0	-	-	-	-	-	-
Other	-	145	-	567	-	0	3	1,132
Total	-	5,571	-	4,298	-	710	99	17,469

See footnotes at end of table.

Table 32. Exports of Crude Oil and Petroleum Products by Destination, December 2022
(Thousand Barrels) — Continued

Destination	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
						Crude Oil	Products	Total
Argentina	0	55	—	1,842	1,842	—	59	59
Australia	38	4	0	762	762	—	25	25
Bahamas	1	7	1	3,564	3,564	—	115	115
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	77	1	3,448	3,448	—	111	111
Belize	—	1	—	79	79	—	3	3
Brazil	65	207	2	9,576	10,757	38	309	347
Canada	136	239	6	16,129	25,264	295	520	815
Cayman Islands	1	1	—	244	244	—	8	8
Chile	56	24	—	5,067	5,067	—	163	163
China	2	9	0	14,579	20,807	201	470	671
Colombia	0	122	0	2,558	3,107	18	83	100
Costa Rica	38	10	0	1,404	1,404	—	45	45
Denmark	—	0	—	694	3,494	90	22	113
Dominican Republic	42	15	—	3,506	3,990	16	113	129
Ecuador	0	80	—	4,854	4,854	—	157	157
Egypt	—	1	—	2,156	2,156	—	70	70
El Salvador	—	5	—	1,615	1,615	—	52	52
Finland	—	0	—	0	74	2	0	2
France	—	0	0	2,448	8,021	180	79	259
Germany	1	1	—	8	1,244	40	0	40
Ghana	—	0	—	0	0	—	0	0
Gibraltar	—	—	—	336	336	—	11	11
Greece	—	1	—	258	258	—	8	8
Guatemala	—	7	—	4,266	4,266	—	138	138
Honduras	33	8	0	2,344	2,344	—	76	76
Hong Kong	—	0	—	0	0	—	0	0
India	0	13	0	5,447	11,796	205	176	381
Indonesia	—	1	—	2,704	2,704	—	87	87
Ireland	—	0	—	289	889	19	9	29
Israel	—	1	0	2	2	—	0	0
Italy	—	0	0	1,393	6,124	153	45	198
Jamaica	0	4	—	689	689	—	22	22
Japan	1	16	2	17,916	17,916	—	578	578
Korea, South	1	13	0	4,961	15,221	331	160	491
Lebanon	—	0	—	0	0	—	0	0
Mexico	149	511	23	36,253	36,253	—	1,169	1,169
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	0	—	2,520	2,520	—	81	81
Mozambique	—	0	—	69	69	—	2	2
Netherlands	0	18	0	5,679	20,884	490	183	674
New Zealand	156	1	—	157	157	—	5	5
Nicaragua	—	3	—	380	652	9	12	21
Nigeria	—	1	—	509	509	—	16	16
Norway	—	0	—	1,123	5,201	132	36	168
Pakistan	—	0	—	0	0	—	0	0
Panama	15	13	—	5,406	7,096	55	174	229
Peru	0	48	5	3,850	4,650	26	124	150
Philippines	—	1	0	1,244	1,244	—	40	40
Portugal	—	0	—	1,131	1,928	26	36	62
Puerto Rico	0	8	—	21	21	—	1	1
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	3	—	4	4	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	0	2	0	2,929	10,452	243	94	337
South Africa	—	42	—	112	112	—	4	4
Spain	—	2	—	1,430	5,460	130	46	176
Switzerland	—	1	—	3	3	—	0	0
Taiwan	0	2	0	28	11,222	361	1	362
Thailand	1	3	0	5	2,721	88	0	88
Trinidad and Tobago	—	27	0	599	599	—	19	19
Turkiye	—	2	—	2,280	2,280	—	74	74
United Arab Emirates	—	28	—	274	274	—	9	9
United Kingdom	0	2	—	2,587	18,037	498	83	582
Venezuela	—	8	—	458	458	—	15	15
Other	4	64	4	9,970	13,930	125	325	448
Total	740	1,712	44	194,159	311,074	3,771	6,263	10,035

-- = Not Applicable.

- = No Data Reported.

1 On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

2 EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	996	-12	-	67	-	-21	-21	0	4	5
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	62	1	-	-	-	-	-	-	4	4
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	1	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	16	-	-	-	-	-	-	-	-	-
Iraq	254	-	-	7	-	-	-	-	-	-
Kuwait	46	-	-	-	-	-	-	0	-	0
Libya	76	-	-	1	-	-	-	-	-	-
Nigeria	29	-13	-	-	-	-21	-21	-	-	-
Saudi Arabia	485	-	-	60	-	-	-	-	-	-
United Arab Emirates	30	-	-	0	-	0	0	-	-	-
Venezuela	-	0	-	0	-	0	0	0	-	0
Non-OPEC	2,047	-2,046	15	28	-	-640	-640	145	117	262
Argentina	68	0	-	-8	-	-9	-9	-	-	-
Aruba	-	-	-	0	-	-2	-2	-	-	-
Australia	-43	-	-	0	-	0	0	0	-	0
Bahamas	-	-3	-	-2	-	7	7	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-57	-	-30	-	0	0	-	-	-
Brazil	57	-36	-	-54	-	-21	-21	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,663	-68	15	-56	-	-5	-5	81	37	118
Chad	-	-	-	-	-	-	-	-	-	-
China	-180	-173	-	0	-	-	-	-	-	-
Colombia	159	-3	-	-26	-	-47	-47	-	-	-
Denmark	-64	-	-	-	-	0	0	0	-	0
Dominican Republic	-16	-36	-	0	-	-17	-17	-	-	-
Ecuador	79	-30	-	16	-	-29	-29	-	-20	-20
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-4	-	-	-	-	14	14
France	-186	-14	-	15	-	-	-	4	18	22
Germany	-114	0	-	0	-	0	0	-	-	-
Guatemala	-	-13	-	0	-	-30	-30	-	0	0
Honduras	-	-21	-	0	-	-19	-19	-	-	-
India	-542	-77	-	0	-	-	-	-	50	50
Indonesia	-	-53	-	0	-	-	-	-	-	-
Italy	-234	-8	-	-	-	10	10	-	-	-
Japan	-	-456	-	-11	-	0	0	0	-	0
Korea, South	-348	-146	-	-51	-	11	11	0	5	5
Latvia	-	-	-	-3	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	0	-	-	-	-	-	-
Mexico	622	-230	-	60	-	-392	-392	-	-46	-46
Netherlands	-136	-109	-	-21	-	9	9	15	5	21
Norway	28	-55	-	-	-	0	0	10	-	10
Oman	-	-	-	0	-	-	-	-	-	-
Panama	-	-7	-	0	-	-14	-14	-	-2	-2
Portugal	-46	-15	-	-	-	-	-	-	27	27
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	-	-	-	0	-	-	-	-	-	-
Russia	4	-	-	228	-	9	9	-	-	-
Spain	-137	-28	-	-10	-	-	-	-	9	9
Sweden	-22	-47	-	-6	-	-	-	-	20	20
Trinidad and Tobago	79	2	-	0	-	-9	-9	-	-	-
United Kingdom	-211	-40	-	-	-	11	11	34	-	34
Vietnam	-	-	-	0	-	-	-	-	0	0
Virgin Islands, U.S.	-	-1	-	-	-	0	0	-	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-433	-322	0	-9	-	-103	-103	1	0	0
Total	3,043	-2,057	15	95	-	-661	-661	145	122	267
Persian Gulf⁴	831	-	-	67	-	0	0	0	-	0

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-2	-	-	-	6	-	0	-	6	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-2	-	-	-	6	-	0	-	6	-	-
United Arab Emirates	-	-	-	-	0	-	-	-	0	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-73	6	20	-	-567	-59	-75	-	-701	-1	3
Argentina	-	-	-	-	-	-	-10	-	-10	-	-
Aruba	0	-	-	-	-1	-	-	-	-1	0	-
Australia	0	-	-	-	0	-	-	-	0	-	-
Bahamas	-	-	-	-	-20	-	-6	-	-26	0	-
Bahrain	0	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-	-	-1	-	-1	-	-
Brazil	1	-	-	-	-61	-4	-	-	-65	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-28	-1	-	-	152	-7	-1	-	145	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	0	-	0	-	-
Colombia	-	-	-	-	-19	-	-	-	-19	0	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-6	-	-11	-	-16	-	-
Ecuador	-	-	-	-	-9	-18	-9	-	-37	0	-
Estonia	-	-	-	-	-	-	-	-	-	-	2
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Germany	0	6	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-34	-10	-	-	-44	0	-
Honduras	-	-	-	-	-19	-10	-	-	-29	-	-
India	-13	-	-	-	-	-	-	-	-	-	-
Indonesia	0	0	-	-	0	-	-	-	0	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Japan	-1	-	-	-	0	-	-	-	0	-	-
Korea, South	-4	0	-	-	1	10	-	-	11	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	-	-	-	-	-	-	-	-	-
Mexico	-5	-	-	-	-218	-1	0	-	-220	0	-
Netherlands	-5	-	-	-	11	-	-	-	11	-	1
Norway	-	-	-	-	-10	-	-	-	-10	-	-
Oman	-	-	-	-	0	-	-	-	0	-	-
Panama	-	-	-	-	-42	-1	-18	-	-61	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	0	-	-	-	0	-	-
Qatar	-	-	-	-	41	-	-	-	41	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	0	-	-	-	-	-	-	-	-	-
Sweden	-1	-	-	-	0	-	-	-	0	-	-
Trinidad and Tobago	-	-	-	-	-18	-	-9	-	-27	-	-
United Kingdom	-3	-	-	-	0	-	-	-	0	-	-
Vietnam	-	-	-	-	0	-	-	-	0	-	-
Virgin Islands, U.S.	0	-	-	-	0	-9	-2	-	-11	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-14	1	20	-	-315	-9	-8	-	-332	-1	0
Total	-75	6	20	-	-561	-59	-75	-	-695	-1	3
Persian Gulf⁴	-2	-	-	-	47	-	0	-	47	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	12	-	0	2	-	0	-4
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	2	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	11	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	1	-	0	-	-	0	0
United Arab Emirates	-	-	-	0	-	-	0	-4
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-21	7	76	12	-56	3	-473
Argentina	-	-	-	-	-	1	0	2
Aruba	-	-2	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-11
Bahamas	-	0	-	-16	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	0
Brazil	-	-	-	-	-	-	0	-67
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-3	6	5	3	3	0	-10
Chad	-	-	-	-	-	-	-	-
China	-	-	-	0	-	-	0	-77
Colombia	-	-	-	6	-	-	0	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-8	-	0	-	-	0	-6
Ecuador	-	0	-	5	-	-	0	0
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	-8
Germany	-	-	0	-	-	-	0	0
Guatemala	-	-1	-	-	-	-	0	-7
Honduras	-	-6	-	-	-	-	0	-
India	-	0	-	-	-	-32	0	-14
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	-	0	-25
Japan	-	-	-	0	1	-	1	-47
Korea, South	-	73	-	-5	-	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	2	-1
Mexico	-	-49	-	60	4	-4	-1	-67
Netherlands	-	-	0	-	-	-	0	-12
Norway	-	-	-	-	-	-	-	-3
Oman	-	-	-	-	-	-	-	-2
Panama	-	-5	-	-20	-	-	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	0	-
Qatar	-	14	-	-	-	-	-	-
Russia	-	-	-	41	-	-	-	0
Spain	-	-	-	-	1	-	0	-10
Sweden	-	-	-	-	-	-	0	-
Trinidad and Tobago	-	-8	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	0	1
Vietnam	-	-	-	-	-	-	0	-1
Virgin Islands, U.S.	-	-2	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-24	1	0	3	-24	1	-108
Total	-	-9	7	76	14	-56	3	-478
Persian Gulf⁴	-	27	-	0	-	-	0	-4

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-1	--	53	1,049
Algeria	--	--	--	--	--
Angola	0	0	--	7	69
Congo (Brazzaville)	--	--	--	--	--
Equatorial Guinea	--	0	--	1	1
Gabon	--	--	--	--	--
Iran	--	--	--	--	16
Iraq	--	0	--	7	261
Kuwait	--	0	--	11	57
Libya	--	0	--	0	76
Nigeria	--	-3	--	-38	-9
Saudi Arabia	--	1	--	66	551
United Arab Emirates	0	2	--	-2	28
Venezuela	--	0	--	0	0
Non-OPEC	15	-44	-1	-3,609	-1,562
Argentina	-2	0	0	-27	41
Aruba	--	0	--	-5	-5
Australia	0	0	--	-11	-54
Bahamas	0	0	--	-40	-40
Bahrain	--	1	--	1	1
Belgium	--	-8	0	-97	-97
Brazil	0	-7	0	-248	-191
Brunei	--	--	--	--	--
Cameroon	--	0	--	0	0
Canada	31	1	0	156	3,819
Chad	--	--	--	--	--
China	0	0	0	-250	-430
Colombia	0	-2	0	-90	69
Denmark	--	0	--	0	-64
Dominican Republic	--	0	--	-83	-99
Ecuador	0	-1	--	-96	-17
Estonia	--	0	--	2	2
Finland	--	0	--	10	10
France	--	-1	--	15	-171
Germany	0	0	0	7	-108
Guatemala	--	0	--	-96	-96
Honduras	--	0	0	-76	-76
India	0	-6	0	-92	-634
Indonesia	0	2	0	-51	-51
Italy	1	0	--	-21	-256
Japan	0	0	0	-512	-512
Korea, South	0	4	--	-101	-449
Latvia	--	0	--	-3	-3
Lithuania	--	0	0	0	0
Malaysia	--	0	--	1	1
Mexico	-6	-30	0	-926	-304
Netherlands	0	4	0	-102	-238
Norway	0	0	--	-57	-29
Oman	--	2	--	0	0
Panama	-1	0	--	-111	-111
Portugal	--	--	--	12	-34
Puerto Rico	0	-1	--	-1	-1
Qatar	--	8	--	63	63
Russia	0	0	--	278	282
Spain	--	0	--	-38	-175
Sweden	--	0	--	-34	-56
Trinidad and Tobago	--	0	0	-42	37
United Kingdom	--	0	0	3	-208
Vietnam	--	0	0	-1	-1
Virgin Islands, U.S.	--	0	--	-13	-13
Yemen	--	--	--	--	--
Other	-8	-10	-1	-933	-1,364
Total	15	-45	-1	-3,557	-513
Persian Gulf⁴	0	12	--	146	977

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	946	18	-	29	-	-12	-12	-	7	7
Algeria	-	18	-	11	-	-	-	-	-	-
Angola	68	-	-	-	-	-	-	-	7	7
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	9	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	235	-	-	-	-	-	-	-	-	-
Kuwait	13	-	-	-	-	-	-	-	0	0
Libya	78	-	-	1	-	-	-	-	-	-
Nigeria	108	-9	-	-	-	-12	-12	-	-	-
Saudi Arabia	443	-	-	18	-	0	0	-	0	0
United Arab Emirates	-	-	-	-	-	0	0	-	-	-
Venezuela	-	0	-	0	-	0	0	-	-	-
Non-OPEC	1,970	-2,061	17	162	-	-731	-731	194	278	472
Argentina	20	-	-	-9	-	-	-	-	6	6
Aruba	-	-1	-	0	-	-2	-2	-	-	-
Australia	-27	0	-	0	-	-	-	0	-	0
Bahamas	-	-1	-	-	-	-2	-2	-	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	0	-48	-	-11	-	1	1	-	-	-
Brazil	101	0	-	-19	-	-42	-42	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,513	-61	17	-47	-	-3	-3	99	44	142
Chad	-	-	-	-	-	-	-	-	-	-
China	-281	-370	-	0	-	0	0	-	-	-
Colombia	228	-2	-	-23	-	-11	-11	-	-	-
Denmark	-21	-	-	-	-	-	-	-	-	-
Dominican Republic	-4	-31	-	0	-	-8	-8	-	-	-
Ecuador	123	-38	-	0	-	-32	-32	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	34	34
France	-154	-30	-	-1	-	-	-	10	11	21
Germany	-99	0	-	0	-	3	3	-	-	-
Guatemala	-	0	-	0	-	-62	-62	-	-	-
Honduras	-	-7	-	0	-	-6	-6	-	0	0
India	-353	-57	-	-1	-	0	0	-	46	46
Indonesia	-	-39	-	0	-	-	-	-	-	-
Italy	-174	-9	-	0	-	-	-	-	33	33
Japan	-	-443	-	-12	-	0	0	0	5	5
Korea, South	-328	-186	-	0	-	25	25	0	0	0
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	0	-	-	-	-	-	-
Mexico	573	-222	-	91	-	-430	-430	0	-14	-14
Netherlands	-365	-56	-	-102	-	6	6	35	12	47
Norway	-7	-52	-	-2	-	-	-	-	11	11
Oman	-	-	-	-	-	-	-	-	-	-
Panama	-29	-5	-	-	-	-17	-17	-	-13	-13
Portugal	-	-15	-	-	-	1	1	-	-	-
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	83	0	-	333	-	0	0	-	32	32
Spain	-95	-29	-	-	-	-11	-11	-	33	33
Sweden	-	-53	-	-7	-	-	-	-	-	-
Trinidad and Tobago	37	1	-	0	-	0	0	-	-	-
United Kingdom	-216	-35	-	0	-	1	1	51	10	61
Vietnam	-	-	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	0	-	-	-	0	0	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-555	-272	0	-28	-	-142	-142	-1	28	28
Total	2,915	-2,043	17	192	-	-743	-743	194	286	479
Persian Gulf⁴	692	-	-	18	-	0	0	-	0	0

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-9	-	-	-	72	-	-	-	72	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-4	-	-	-	19	-	-	-	19	-	-
Saudi Arabia	0	-	-	-	53	-	-	-	53	0	-
United Arab Emirates	-4	-	-	-	-	-	-	-	-	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-114	0	13	-	-336	-69	-151	-	-556	-14	0
Argentina	0	-	-	-	-19	-16	-21	-	-56	0	-
Aruba	0	-	-	-	-1	-	-	-	-1	0	-
Australia	0	-	-	-	0	-	-	-	0	-	-
Bahamas	0	0	-	-	-18	-	-16	-	-34	-	-
Bahrain	0	-	-	-	-	-	-	-	-	0	-
Belgium	0	-	-	-	16	-	2	-	18	-	-
Brazil	-11	-	-	-	-55	-5	-	-	-59	-8	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-26	1	-	-	153	-2	-3	-	148	-5	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-1	-	-	-	-47	-	-	-	-47	0	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-1	-	-11	-	-12	0	-
Ecuador	-	-	-	-	-	-	-10	-	-10	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	0	-	-	-	0	-	-	-	0	-	-
Germany	0	0	-	-	1	-	-	-	1	-	-
Guatemala	-	-	-	-	-23	-3	-18	-	-44	-	-
Honduras	0	-	-	-	-5	-	-	-	-5	0	-
India	-18	-	-	-	0	-	-	-	0	-	-
Indonesia	0	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	-	-	-	-	-	0	-
Korea, South	-18	-	-	-	2	-6	-	-	-4	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-	-	-	-
Mexico	-5	-	-	-	-216	-1	0	-	-217	0	-
Netherlands	-6	-	-	-	42	-	-13	-	29	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-4	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-37	-13	-4	-	-54	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	0	0	-	-	0	-	-
Qatar	-	-	-	-	23	-	-	-	23	-	-
Russia	-	-	-	-	77	-	-	-	77	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-1	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-9	-14	-	-23	-	-
United Kingdom	-10	-	-	-	0	-	-	-	0	-	-
Vietnam	-	-	-	-	0	-	-	-	0	-	-
Virgin Islands, U.S.	0	-	-	-	-17	-4	-2	-	-23	0	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-14	-1	13	-	-211	-10	-41	-	-263	-1	0
Total	-122	0	13	-	-264	-69	-151	-	-484	-14	0
Persian Gulf⁴	-4	-	-	-	75	-	-	-	75	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	15	-	0	-	-	0	0
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	1	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	4	-	-	-	-	0	0
United Arab Emirates	-	10	-	-	-	-	0	-
Venezuela	-	-	-	-	-	-	0	-
Non-OPEC	-	-55	5	133	9	-40	0	-557
Argentina	-	-1	-	-1	-	-3	0	10
Aruba	-	-3	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-6
Bahamas	-	-4	-	-20	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	1	-	-	-	-4
Brazil	-	-	-	6	-	-1	0	-49
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-27	2	1	3	2	-1	-13
Chad	-	-	-	-	-	-	-	-
China	-	11	-	0	-	-	1	-138
Colombia	-	-	-	5	-	-	0	0
Denmark	-	-	-	2	-	-	-	-
Dominican Republic	-	-16	-	-10	-	-	0	-6
Ecuador	-	-	-	7	-	-	0	-7
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	3	-	1	0	0
Germany	-	-	-	10	-	-	0	-
Guatemala	-	0	-	-	-	-	0	-10
Honduras	-	-2	-	-	-	-	0	-10
India	-	0	-	0	-	-19	0	-66
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-2	0	-18
Japan	-	-	2	-	3	-	0	-49
Korea, South	-	75	2	0	-	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	22	-	-	-	-
Malaysia	-	-	-	-	-	-	0	-
Mexico	-	-50	-	75	3	-6	-1	-44
Netherlands	-	-	-	6	-	-	0	-15
Norway	-	-	-	13	-	-	-	-3
Oman	-	-	-	-	-	-	-	-
Panama	-	-11	-	-23	-	-	0	-
Portugal	-	-	-	-	-	-	0	-6
Puerto Rico	-	0	-	-	-	-	0	-
Qatar	-	-	-	-	-	-	-	-4
Russia	-	-	-	60	-	-	0	-
Spain	-	-	-	0	-	-	0	-10
Sweden	-	-	-	4	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	0
United Kingdom	-	-	-	-	-	0	0	0
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-	-	-10	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-27	-1	-18	0	-12	1	-109
Total	-	-40	5	134	9	-40	0	-557
Persian Gulf⁴	-	15	-	-	-	-	0	-4

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, February 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	2	-	122	1,068
Algeria	-	-	-	29	29
Angola	-	-	-	7	75
Congo (Brazzaville)	-	-	-	-	-
Equatorial Guinea	-	0	-	9	9
Gabon	-	-	-	-	-
Iran	-	-	-	-	-
Iraq	-	0	-	0	235
Kuwait	-	0	-	1	14
Libya	-	0	-	1	79
Nigeria	0	0	-	-6	102
Saudi Arabia	0	0	-	74	517
United Arab Emirates	0	3	-	8	8
Venezuela	-	0	-	0	0
Non-OPEC	47	-47	-1	-3,316	-1,346
Argentina	-2	0	0	-57	-37
Aruba	-	0	-	-7	-7
Australia	0	0	0	-6	-33
Bahamas	0	0	0	-60	-60
Bahrain	-	7	-	7	7
Belgium	-	-8	0	-52	-52
Brazil	0	-9	0	-193	-92
Brunei	-	-	-	-	-
Cameroon	-	-	-	-	-
Canada	59	0	0	191	3,704
Chad	-	-	-	-	-
China	0	0	0	-496	-777
Colombia	1	-5	0	-82	146
Denmark	-	0	-	2	-19
Dominican Republic	0	-1	0	-84	-89
Ecuador	0	-2	-	-82	40
Estonia	-	-	-	-	-
Finland	-	0	-	34	34
France	-	0	-	-6	-161
Germany	0	0	0	14	-85
Guatemala	-	-1	-	-117	-117
Honduras	-	0	-	-31	-31
India	0	-4	0	-119	-471
Indonesia	-	5	-	-34	-34
Italy	-	0	-	4	-170
Japan	0	0	0	-495	-495
Korea, South	-	16	0	-91	-419
Latvia	-	0	-	0	0
Lithuania	-	0	-	22	22
Malaysia	0	0	-	0	0
Mexico	-6	-36	-1	-862	-289
Netherlands	1	3	0	-88	-453
Norway	-	0	-	-33	-40
Oman	-	0	-	-4	-4
Panama	-	-1	0	-125	-154
Portugal	-	0	-	-20	-20
Puerto Rico	-2	-1	-	-3	-3
Qatar	-	0	-	19	19
Russia	0	0	-	503	586
Spain	-	0	-	-16	-112
Sweden	-	0	-	-58	-58
Trinidad and Tobago	-	0	-	-23	14
United Kingdom	0	0	0	17	-199
Vietnam	-	0	-	0	0
Virgin Islands, U.S.	-	0	-	-34	-34
Yemen	-	-	-	-	-
Other	-4	-10	0	-851	-1,403
Total	47	-45	-1	-3,194	-278
Persian Gulf⁴	0	10	-	109	800

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	862	-10	-	31	-	0	0	0	30	30
Algeria	-	-	-	28	-	-	-	-	-	-
Angola	29	-	-	-	-	-	-	-	4	4
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	187	-	-	17	-	-	-	-	-	-
Kuwait	12	0	-	-	-	0	0	-	-	-
Libya	97	-	-	-	-	-	-	-	-	-
Nigeria	34	-10	-	0	-	-	-	-	9	9
Saudi Arabia	504	-	-	-14	-	0	0	-	17	17
United Arab Emirates	-	-	-	-	-	0	0	0	-	0
Venezuela	-	0	-	0	-	-	-	-	0	0
Non-OPEC	2,359	-2,142	18	189	-	-668	-668	140	226	365
Argentina	63	-	-	-9	-	-	-	-	-	-
Aruba	-	0	-	-	-	0	0	-	-	-
Australia	-	-19	-	0	-	-	-	0	0	0
Bahamas	-	-1	-	0	-	19	19	-	-1	-1
Bahrain	-	0	-	0	-	0	0	-	-	-
Belgium	-10	-126	-	-11	-	-	-	-	10	10
Brazil	-74	-56	-	-50	-	-30	-30	-	0	0
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,749	-59	18	-61	-	1	1	74	35	108
Chad	-	-	-	-	-	-	-	-	-	-
China	-184	-304	-	0	-	-	-	-	0	0
Colombia	193	-2	-	-47	-	-46	-46	-	-	-
Denmark	-62	-	-	-	-	-	-	-	-	-
Dominican Republic	-16	-45	-	0	-	-1	-1	-	-	-
Ecuador	109	-34	-	19	-	-10	-10	-	-10	-10
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-21	-	-	-	-	-	-	8	8
France	-214	-10	-	-21	-	0	0	-	19	19
Germany	-23	0	-	2	-	-	-	-	1	1
Guatemala	-	-13	-	0	-	-28	-28	-	0	0
Honduras	-	-20	-	-	-	-21	-21	-	0	0
India	-153	-83	-	0	-	-	-	0	54	54
Indonesia	-	-140	-	0	-	-	-	-	-	-
Italy	-141	-	-	1	-	10	10	-	12	12
Japan	-	-378	-	10	-	0	0	0	8	8
Korea, South	-313	-132	-	-7	-	7	7	-	13	13
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	-	0	-	0	0	-	-	-
Mexico	657	-190	-	89	-	-443	-443	-	-35	-35
Netherlands	-286	-84	-	-104	-	-	-	45	13	58
Norway	-30	-	-	-1	-	-	-	-	-	-
Oman	-	0	-	0	-	-	-	-	-	-
Panama	-	-7	-	-	-	-22	-22	-	-10	-10
Portugal	-24	-22	-	-	-	-	-	-	19	19
Puerto Rico	-	0	-	0	-	0	0	0	0	0
Qatar	-	-	-	0	-	0	0	0	-	0
Russia	136	-	-	367	-	-	-	-	41	41
Spain	-159	-37	-	-	-	5	5	-	24	24
Sweden	-47	-28	-	-	-	3	3	-	-	-
Trinidad and Tobago	29	1	-	0	-	0	0	-	-	-
United Kingdom	-145	-57	-	0	-	0	0	21	-	21
Vietnam	-	-17	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	0	-	-	-	0	0	0	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-696	-258	0	12	-	-112	-112	0	25	25
Total	3,221	-2,151	18	220	-	-668	-668	140	255	395
Persian Gulf⁴	703	0	-	3	-	0	0	0	17	17

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-10	0	-	-	5	-	-	-	5	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	0	-	-	-	0	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-8	-	-	-	4	-	-	-	4	-	-
Saudi Arabia	-2	0	-	-	0	-	-	-	0	0	-
United Arab Emirates	0	-	-	-	2	-	-	-	2	0	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-77	15	18	-	-825	-97	-96	-	-1,018	-6	1
Argentina	0	-	-	-	-45	-	-9	-	-54	-	-
Aruba	0	-	-	-	0	-	-	-	0	-	-
Australia	0	-	-	-	0	-	-	-	0	-	-
Bahamas	-	-	-	-	-9	-	0	-	-10	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	0	-	-	-20	-	-	-	-20	-	-
Brazil	0	-	-	-	-121	-1	-13	-	-135	-4	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-26	1	-	-	122	-2	-11	-	108	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	0	-
Colombia	-2	-	-	-	-76	-	-	-	-76	0	-
Denmark	-	-	-	-	-3	-	-	-	-3	-	-
Dominican Republic	0	-	-	-	-11	-8	-10	-	-28	-	-
Ecuador	-	-	-	-	-65	-	-	-	-65	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	0	-	-	-	-10	-	-	-	-10	0	-
Germany	0	7	-	-	0	-	-	-	0	-	-
Guatemala	-	-	-	-	-21	-16	-	-	-37	-	-
Honduras	-	-	-	-	-5	-18	-4	-	-26	-	-
India	-11	-	-	-	0	-	-	-	0	-	-
Indonesia	-	0	-	-	-	-	-	-	-	-	-
Italy	-	3	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	-	-	-	-	-	-	-
Korea, South	-10	-	-	-	1	10	-	-	12	0	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	0	-	-	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-	-	0	-
Mexico	-7	0	-	-	-192	-12	0	-	-204	0	-
Netherlands	-6	-1	-	-	-10	-5	-9	-	-24	-	1
Norway	-	-	-	-	-6	-	-	-	-6	-	-
Oman	-	-	-	-	0	-	-	-	0	-	-
Panama	0	-	-	-	-38	-13	-11	-	-61	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-9	-	-	-	-9	0	-
Qatar	-	-	-	-	28	-	-	-	28	-	-
Russia	-	-	-	-	-	-	4	-	4	-	-
Spain	-	5	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	0	-	-	-	-8	-	-8	-	-16	-	-
United Kingdom	0	-	-	-	-32	-	-	-	-32	0	-
Vietnam	-	-	-	-	0	-	-	-	0	-	-
Virgin Islands, U.S.	-	-	-	-	-8	-4	-1	-	-14	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-15	0	18	-	-287	-28	-24	-	-340	-2	0
Total	-87	15	18	-	-820	-97	-96	-	-1,013	-7	1
Persian Gulf⁴	-2	0	-	-	29	-	-	-	29	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	18	-	2	-	-	0	0
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	0	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	0	-	-	-	-
Kuwait	-	10	-	-	-	-	0	0
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	8	-	2	-	-	0	0
United Arab Emirates	-	-	-	0	-	-	0	0
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-71	19	66	11	-38	-1	-556
Argentina	-	0	-	-	-	-8	0	-2
Aruba	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-6
Bahamas	-	-1	-	-16	-	-	-	-
Bahrain	-	-	-	-	-	-	0	-
Belgium	-	-	-	0	-	-	0	-9
Brazil	-	-	-	57	-	-3	0	-51
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-21	5	-9	3	3	-1	-10
Chad	-	-	-	-	-	-	-	-
China	-	-	-	0	-	-	0	-109
Colombia	-	-8	-	19	-	-	0	0
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-4	-	-6	-	-	0	-
Ecuador	-	-	-	6	-	-	0	-7
Estonia	-	-	-	-	-	-	0	-
Finland	-	-	-	-	-	-	-	-9
France	-	-	-	0	0	-	0	-2
Germany	-	-	-	0	-	-	0	0
Guatemala	-	-2	-	-	-	-	0	-28
Honduras	-	-1	-	-	-	-	-	-29
India	-	0	-	-	-	-18	0	-74
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	-	0	-19
Japan	-	8	1	0	1	-	0	-21
Korea, South	-	73	12	-7	-	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	0	-
Mexico	-	-52	-	49	2	-2	-1	-59
Netherlands	-	-3	-	0	-	-	0	-12
Norway	-	-	-	-	-	-	-	-3
Oman	-	-	-	-	-	-	-	-2
Panama	-	-22	-	-16	-	-	-	-
Portugal	-	-	-	-	-	-	-	-6
Puerto Rico	-	0	-	-	-	-	0	-
Qatar	-	-	-	-	-	-	-	-3
Russia	-	-	-	28	-	-	-	-
Spain	-	-	-	-	-	-	0	-4
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-9	-	0	-	-	0	0
United Kingdom	-	-	-	-	-	-	0	-
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-2	-	-10	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-27	1	-29	5	-10	1	-111
Total	-	-53	19	68	11	-38	-1	-556
Persian Gulf⁴	-	18	-	2	-	-	0	-3

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, March 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-6	--	59	921
Algeria	--	0	--	28	28
Angola	--	0	--	4	33
Congo (Brazzaville)	--	--	--	--	--
Equatorial Guinea	--	0	--	0	0
Gabon	--	0	--	0	0
Iran	--	--	--	--	--
Iraq	--	0	--	17	204
Kuwait	--	0	--	10	22
Libya	--	0	--	0	97
Nigeria	0	-12	--	-17	16
Saudi Arabia	--	0	--	9	513
United Arab Emirates	0	6	--	8	8
Venezuela	--	0	--	0	0
Non-OPEC	35	-58	-3	-3,901	-1,542
Argentina	--	-1	-1	-74	-11
Aruba	--	0	--	0	0
Australia	0	0	0	-25	-25
Bahamas	0	0	0	-9	-9
Bahrain	--	--	--	0	0
Belgium	0	-22	0	-178	-188
Brazil	0	-10	0	-282	-356
Brunei	--	--	--	--	--
Cameroon	--	0	--	0	0
Canada	42	1	0	104	3,853
Chad	--	--	--	--	--
China	0	0	0	-414	-599
Colombia	0	-4	0	-166	27
Denmark	--	--	--	-3	-66
Dominican Republic	-1	-1	--	-87	-103
Ecuador	0	-2	0	-103	7
Estonia	--	--	--	0	0
Finland	--	0	--	-21	-21
France	--	-1	--	-25	-239
Germany	0	0	0	11	-12
Guatemala	0	-1	--	-90	-90
Honduras	--	0	--	-98	-98
India	0	-5	0	-137	-290
Indonesia	0	4	0	-136	-136
Italy	0	0	--	7	-134
Japan	0	-1	0	-370	-370
Korea, South	0	11	0	-29	-342
Latvia	--	0	--	0	0
Lithuania	--	--	0	0	0
Malaysia	--	0	0	0	0
Mexico	-4	-24	-1	-878	-222
Netherlands	0	2	0	-172	-458
Norway	--	0	--	-10	-40
Oman	--	0	--	-2	-2
Panama	-1	-1	--	-140	-140
Portugal	--	0	--	-9	-33
Puerto Rico	0	-1	0	-11	-11
Qatar	--	10	--	35	35
Russia	--	0	--	439	575
Spain	2	0	--	-6	-165
Sweden	--	0	--	-25	-72
Trinidad and Tobago	--	-1	0	-25	4
United Kingdom	0	0	0	-68	-213
Vietnam	0	0	0	-17	-17
Virgin Islands, U.S.	0	0	--	-26	-26
Yemen	--	0	--	0	0
Other	-3	-11	-1	-861	-1,555
Total	35	-64	-3	-3,842	-621
Persian Gulf⁴	0	16	--	79	781

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	891	-2	-	255	-	10	10	9	55	64
Algeria	-	-	-	38	-	-	-	-	-	-
Angola	19	0	-	-	-	-	-	-	5	5
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	218	-	-	50	-	-	-	-	-	-
Kuwait	26	-	-	22	-	0	0	-	-	-
Libya	82	-	-	-	-	-	-	-	-	-
Nigeria	75	1	-	9	-	0	0	-	10	10
Saudi Arabia	413	0	-	58	-	10	10	9	40	49
United Arab Emirates	58	-5	-	77	-	0	0	0	-	0
Venezuela	0	0	-	-	-	-	-	-	-	-
Non-OPEC	1,664	-2,284	19	146	-	-730	-730	189	258	447
Argentina	83	-	-	-8	-	1	1	-	7	7
Aruba	-	-	-	-	-	-2	-2	-	0	0
Australia	-	0	-	0	-	0	0	0	-	0
Bahamas	-	-1	-	0	-	3	3	-	10	10
Bahrain	-	-	-	0	-	-	-	-	-	-
Belgium	0	-34	-	-11	-	11	11	-	-	-
Brazil	-24	-23	-	-45	-	-29	-29	-	2	2
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,355	-141	19	-34	-	-11	-11	73	11	84
Chad	-	-	-	-	-	-	-	-	-	-
China	-195	-313	-	0	-	-	-	-	-	-
Colombia	222	-2	-	-26	-	-25	-25	-	-	-
Denmark	-85	-	-	-	-	-	-	-	-	-
Dominican Republic	-28	-42	-	-	-	-17	-17	0	0	0
Ecuador	132	-35	-	0	-	-11	-11	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-30	-	3	-	-	-	-	21	21
France	-150	-8	-	6	-	2	2	-	8	8
Germany	-154	0	-	0	-	2	2	-	2	2
Guatemala	10	-14	-	0	-	-43	-43	0	0	0
Honduras	-	-12	-	0	-	-15	-15	-	-	-
India	-217	-71	-	0	-	1	1	11	77	88
Indonesia	-	-79	-	0	-	-	-	-	-	-
Italy	-160	-	-	0	-	14	14	-	13	13
Japan	-63	-324	-	3	-	0	0	0	4	3
Korea, South	-225	-211	-	0	-	12	12	0	15	15
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	18	18	-	10	10
Malaysia	-	-	-	0	-	-	-	-	-	-
Mexico	599	-148	1	82	-	-538	-538	-	-23	-23
Netherlands	-346	-62	-	-75	-	4	4	40	9	49
Norway	44	-18	-	-4	-	-	-	6	4	10
Oman	-	-	-	-	-	-	-	-	-	-
Panama	-	-7	-	0	-	-17	-17	-	-4	-4
Portugal	-	-27	-	-	-	8	8	-	9	9
Puerto Rico	-	0	-	0	-	0	0	0	0	0
Qatar	-	0	-	-	-	0	0	0	0	0
Russia	24	-	-	274	-	2	2	-	5	5
Spain	-285	-65	-	-	-	3	3	4	11	15
Sweden	-75	-41	-	-	-	0	0	-	0	0
Trinidad and Tobago	70	0	-	0	-	1	1	-	-	-
United Kingdom	-428	-73	-	0	-	0	0	51	4	55
Vietnam	-	-18	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	0	-	-	-	0	0	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-440	-485	-1	-19	-	-104	-104	4	63	68
Total	2,555	-2,286	19	400	-	-719	-719	197	313	510
Persian Gulf⁴	715	-5	-	207	-	11	11	9	40	49

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-9	-	-	-	0	-	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-5	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-1	-	-	-	-	-	-	-	-	0	-
United Arab Emirates	-3	-	-	-	-	-	-	-	-	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-146	1	13	2	-938	-115	-86	-	-1,139	-2	0
Argentina	-	-	-	-	-37	-9	-	-	-46	-	-
Aruba	0	-	-	-	-1	-	-	-	-1	-	-
Australia	0	0	-	-	0	-	-	-	0	-	-
Bahamas	-	-	-	-	-13	-	-7	-	-19	0	-
Bahrain	0	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-9	-	-2	-	-11	-	-
Brazil	-27	-	-	-	-139	-14	-9	-	-162	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-32	-7	-	-	119	-9	-5	-	104	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	0	-	0	-	-
Colombia	-	-	-	-	-61	-	-	-	-61	0	-
Denmark	-	-	-	-	-	-	-5	-	-5	-	-
Dominican Republic	0	-	-	-	-19	-	-10	-	-29	0	-
Ecuador	0	-	-	-	-21	-	-	-	-21	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	2	-	-	-	-	-	-	-
France	-1	-	-	-	-20	-	-	-	-20	-	-
Germany	0	10	-	-	0	-	-	-	0	-	-
Guatemala	-	-	-	-	-17	-22	-	-	-40	0	-
Honduras	-	-	-	-	-15	-11	-4	-	-30	0	-
India	-6	-	-	-	0	-	-	-	0	-	-
Indonesia	0	0	-	-	-	-	-	-	-	-	-
Italy	-1	-	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	-	-	-	-	-	-	-
Korea, South	-27	-	-	-	8	-	-	-	8	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-	-	-	-
Mexico	-4	0	-	-	-363	-12	0	-	-375	0	-
Netherlands	-11	-1	2	-	-8	-	-12	-	-20	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	0	-	-	-	-36	-7	-5	-	-47	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-3	-	-	-	-3	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	6	-	-	-	-	-	-	-	-	-
Sweden	-1	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	0	-	-	-	-17	-	-	-	-17	-	-
United Kingdom	-10	-	-	-	-11	-	-	-	-11	-	-
Vietnam	-	-	-	-	0	-	-	-	0	-	-
Virgin Islands, U.S.	-	-	-	-	-3	-	-2	-	-5	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-26	-7	11	0	-272	-31	-25	-	-328	-2	0
Total	-154	1	13	2	-938	-115	-86	-	-1,139	-2	0
Persian Gulf⁴	-4	-	-	-	-	-	-	-	-	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	6	-	9	-	-	0	-1
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	0	-
Kuwait	-	6	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	0	-	-	-	-	0	-
Saudi Arabia	-	-	-	7	-	-	0	-1
United Arab Emirates	-	-	-	-	-	-	0	-
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-88	9	61	15	-32	3	-584
Argentina	-	-	-	-	-	1	0	-3
Aruba	-	-3	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-8
Bahamas	-	-5	-	-15	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	-2
Brazil	-	-	-	0	-	-	0	-63
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-2
Canada	-	-2	4	-10	3	2	-1	-15
Chad	-	-	-	-	-	-	-	-
China	-	10	-	0	-	-	2	-138
Colombia	-	-2	-	0	-	-	0	-
Denmark	-	-	-	-	-	-	-	-10
Dominican Republic	-	-4	-	-	-	-	0	-
Ecuador	-	-	-	0	-	-	0	-7
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	0	0	-5
Germany	-	-	-	0	-	-	0	-6
Guatemala	-	-2	-	0	-	-	0	-16
Honduras	-	-3	-	-	-	-	0	-
India	-	19	-	0	-	-28	0	-20
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	-	0	-20
Japan	-	7	-	0	1	-	0	-34
Korea, South	-	63	4	-8	-	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	17	-	-	-	-
Malaysia	-	-	-	-	-	-	0	-
Mexico	-	-80	1	68	-	-2	-1	-55
Netherlands	-	-	-	-10	-	-	0	-19
Norway	-	-	-	-	-	-	-	-3
Oman	-	-	-	-	-	-	-	-3
Panama	-	-16	-	-10	-	-	-	-3
Portugal	-	-	-	-	-	-	-	-6
Puerto Rico	-	-5	-	-	-	-	0	-
Qatar	-	-	-	-	0	-	-	-
Russia	-	-	-	55	-	-	-	-
Spain	-	-	-	13	-	-	0	-33
Sweden	-	-	-	-	-	-	0	-
Trinidad and Tobago	-	-11	-	-	-	-	-	0
United Kingdom	-	-	-	1	0	-	1	-2
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-7	-	-24	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-47	0	-16	11	-5	2	-111
Total	-	-82	9	70	15	-32	3	-585
Persian Gulf⁴	-	6	-	7	0	-	0	-1

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, April 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-3	0	329	1,219
Algeria	-	-	-	38	38
Angola	-	-	-	5	24
Congo (Brazzaville)	-	-	-	-	-
Equatorial Guinea	-	-	-	2	2
Gabon	-	-	-	-	-
Iran	-	-	-	-	-
Iraq	-	0	-	50	268
Kuwait	-	0	-	28	54
Libya	-	0	-	0	82
Nigeria	-	-1	-	15	89
Saudi Arabia	-	0	0	121	534
United Arab Emirates	0	-2	-	67	125
Venezuela	-	0	-	0	0
Non-OPEC	37	-48	-2	-4,301	-2,637
Argentina	-2	-1	-	-51	32
Aruba	-	0	-	-5	-5
Australia	0	0	0	-9	-9
Bahamas	0	0	0	-28	-28
Bahrain	-	2	-	2	2
Belgium	0	-13	0	-62	-62
Brazil	0	-9	0	-356	-379
Brunei	-	0	-	0	0
Cameroon	-	0	-	-2	-2
Canada	53	-1	0	15	3,370
Chad	-	-	-	-	-
China	0	0	0	-439	-634
Colombia	0	-2	0	-118	104
Denmark	-	0	-	-15	-100
Dominican Republic	-1	-1	0	-94	-122
Ecuador	0	-3	0	-77	55
Estonia	-	0	-	0	0
Finland	-	0	-	-4	-4
France	-	-2	-	-20	-170
Germany	0	0	0	7	-147
Guatemala	-	-1	-	-116	-106
Honduras	-1	0	-	-62	-62
India	0	-3	0	-20	-237
Indonesia	-	4	-	-75	-75
Italy	-	0	-	6	-154
Japan	0	0	0	-343	-406
Korea, South	-	13	0	-130	-355
Latvia	-	0	-	0	0
Lithuania	-	-	-	45	45
Malaysia	0	0	0	0	0
Mexico	-3	-22	-1	-1,099	-500
Netherlands	0	1	0	-143	-489
Norway	-	0	-	-14	30
Oman	-	0	-	-3	-3
Panama	-	-1	-	-105	-105
Portugal	-	0	-	-16	-16
Puerto Rico	0	-1	0	-9	-9
Qatar	-	11	-	12	12
Russia	-	0	-	336	360
Spain	-	0	-	-63	-347
Sweden	-	0	-	-42	-117
Trinidad and Tobago	-	0	0	-27	42
United Kingdom	0	0	0	-39	-467
Vietnam	0	0	-	-18	-18
Virgin Islands, U.S.	0	0	-	-36	-36
Yemen	-	0	-	0	0
Other	-9	-19	-1	-1,084	-1,525
Total	37	-51	-2	-3,972	-1,418
Persian Gulf⁴	0	10	0	279	994

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, May 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	915	-6	-	287	-	-16	-16	9	54	63
Algeria	-	-	-	76	-	0	0	-	-	-
Angola	33	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	1	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	234	-	-	68	-	-	-	-	-	-
Kuwait	24	-	-	34	-	0	0	0	-	0
Libya	54	-	-	0	-	0	0	-	-	-
Nigeria	158	-8	-	0	-	-16	-16	-	10	10
Saudi Arabia	412	-	-	98	-	-	-	9	43	53
United Arab Emirates	-	-	-	10	-	-	-	-	-	-
Venezuela	-	-	-	0	-	-	-	-	-	-
Non-OPEC	1,943	-2,321	16	-96	-	-737	-737	161	469	630
Argentina	48	-9	-	-5	-	-10	-10	-	-	-
Aruba	-	-	-	0	-	-2	-2	-	-	-
Australia	-24	-20	-	0	-	-	-	0	-	0
Bahamas	-	-3	-	-	-	-7	-7	-	10	10
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-40	-	0	-	13	13	1	11	12
Brazil	58	-93	-	-42	-	-15	-15	-	10	10
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,406	-111	16	-61	-	-8	-8	75	30	106
Chad	-	-	-	-	-	-	-	-	-	-
China	-68	-344	-	0	-	-	-	-	-	-
Colombia	241	-5	-	-54	-	-19	-19	-	0	0
Denmark	-41	-	-	-	-	-	-	0	2	2
Dominican Republic	-32	-47	-	0	-	-16	-16	-	0	0
Ecuador	187	-36	-	7	-	-10	-10	-	0	0
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-41	-	-	-	-	-	-	36	36
France	-213	-10	-	-1	-	14	14	10	2	12
Germany	-71	-	-	0	-	1	1	-	2	2
Guatemala	-	-8	-	0	-	-38	-38	-	0	0
Honduras	-	-15	-	0	-	-11	-11	-	-	-
India	-268	-93	-	11	-	3	3	0	90	91
Indonesia	-20	-121	-	0	-	-	-	-	-	-
Italy	-246	-7	-	0	-	8	8	-	51	51
Japan	-51	-370	-	-7	-	0	0	0	5	4
Korea, South	-347	-158	-	0	-	28	28	-	20	20
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-23	-	-	0	-	4	4	-	11	11
Malaysia	-	-	-	0	-	-	-	-	-	-
Mexico	772	-154	-	68	-	-575	-575	0	-13	-13
Netherlands	-281	-76	-	-22	-	17	17	34	35	70
Norway	-5	-21	-	-5	-	-	-	10	1	11
Oman	-	-	-	0	-	-	-	-	0	0
Panama	-10	-7	-	0	-	-17	-17	0	0	0
Portugal	-23	-45	-	-	-	2	2	0	19	19
Puerto Rico	-	0	-	0	-	0	0	0	0	0
Qatar	-	-	-	-	-	0	0	0	-	0
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-241	-36	-	-	-	20	20	-	58	58
Sweden	-	-25	-	-4	-	-	-	-	15	15
Trinidad and Tobago	28	0	-	0	-	0	0	-	-	-
United Kingdom	-314	-29	-	0	-	15	15	30	52	82
Vietnam	-	-35	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-1	-	-	-	0	0	-	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-519	-361	0	19	-	-134	-134	1	22	21
Total	2,858	-2,328	16	190	-	-753	-753	170	523	693
Persian Gulf⁴	670	-	-	210	-	0	0	9	43	53

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, May 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-7	-	-	-	10	-	-	-	10	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	0	-	-	-	0	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-3	-	-	-	0	-	-	-	0	0	-
Saudi Arabia	-1	-	-	-	10	-	-	-	10	0	-
United Arab Emirates	-3	-	-	-	-	-	-	-	-	0	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-92	-12	21	-	-813	-96	-103	-	-1,012	-5	1
Argentina	-	0	-	-	-47	-	-	-	-47	-	-
Aruba	-	-	-	-	-1	-	-	-	-1	-	-
Australia	0	-	-	-	-	-	-	-	-	-	-
Bahamas	0	-	-	-	-11	-2	-7	-	-19	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-	-	-	-	-	-	-
Brazil	4	-	-	-	-80	-4	-11	-	-94	-4	-
Brunei	-	-	-	-	-1	-	-	-	-1	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-32	-10	-	-	120	-22	-4	-	94	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	-	-	0	-	-	-	0	-	-
Colombia	-1	-	-	-	-34	-	-	-	-34	0	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-13	-	-16	-	-29	0	-
Ecuador	-	-	-	-	-46	-	-	-	-46	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-1	-	-	-	-10	-	-	-	-10	-	-
Germany	0	0	-	-	0	-	-	-	0	-	-
Guatemala	-	-	-	-	-11	-12	-5	-	-28	0	-
Honduras	-	-	-	-	-6	-10	-	-	-16	0	-
India	-3	0	-	-	0	0	-	-	0	-	-
Indonesia	0	-	-	-	-	-	-	-	-	-	-
Italy	-	1	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	0	-	-	-	0	0	-
Korea, South	-17	-	-	-	5	10	-	-	15	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	0	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	0	-
Mexico	-3	0	-	-	-338	-1	0	-	-339	0	-
Netherlands	-13	-2	-	-	4	-8	-	-	-3	0	1
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-3	-	-	-	-	-	-	-	-	-	-
Panama	0	-	-	-	-35	-7	-28	-	-70	0	-
Portugal	-	-	-	-	8	-	-	-	8	-	-
Puerto Rico	0	-	-	-	0	-5	-	-	-5	-	-
Qatar	0	-	-	-	8	-	-	-	8	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-1	3	-	-	-4	-	-	-	-4	-	-
Sweden	-3	-	-	-	-	-8	-	-	-8	-	-
Trinidad and Tobago	0	-	-	-	-12	-7	-8	-	-27	-	-
United Kingdom	-6	-	-	-	-19	-	-	-	-19	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	0	-	-	-	0	-	-2	-	-2	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-13	-4	21	-	-290	-20	-22	-	-335	-1	0
Total	-99	-12	21	-	-803	-96	-103	-	-1,002	-5	1
Persian Gulf⁴	-4	-	-	-	18	-	-	-	18	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, May 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	6	-	28	-	-	0	-5
Algeria	-	-	-	20	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	0	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	1	-	-	-	-
Kuwait	-	6	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	0	-	-	-	-	-	-
Saudi Arabia	-	0	-	7	-	-	0	-1
United Arab Emirates	-	-	-	-	-	-	-	-4
Venezuela	-	0	-	-	-	-	-	-
Non-OPEC	-	-39	7	48	8	-26	-1	-606
Argentina	-	-	-	0	-	-	0	-
Aruba	-	-3	-	-	-	-	-	-
Australia	-	-	-	0	-	-	0	-9
Bahamas	-	-3	-	-8	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	0	0
Brazil	-	-11	-	16	-	-1	0	-78
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	3	4	-1	2	2	0	-20
Chad	-	-	-	-	-	-	-	-
China	-	-	-	0	-	-	0	-90
Colombia	-	0	-	27	-	-	0	0
Denmark	-	-	-	-	-	-	-	-4
Dominican Republic	-	-5	-	0	-	-	0	-6
Ecuador	-	-	-	-	-	-	-	-7
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	-
Germany	-	-	-	-	-	-	0	0
Guatemala	-	-2	-	-	-	-	0	-15
Honduras	-	-3	-	0	-	-	-	-
India	-	-	-	0	-	-19	0	-87
Indonesia	-	-	-	-	-	-	0	0
Italy	-	-	-	-	-	-	0	-14
Japan	-	28	1	0	-	-	0	-77
Korea, South	-	64	2	-8	-	-	0	-6
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	0	-
Malaysia	-	-	-	-	-	-	0	-
Mexico	-	-56	-	67	4	-2	-1	-75
Netherlands	-	-	-	13	-	-	0	-1
Norway	-	-	-	-	-	-	-	-3
Oman	-	-	-	-	-	-	-	-8
Panama	-	-18	-	-38	-	-1	0	-
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	-	-4	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	9	-	-	-1	-26
Sweden	-	-	-	-	-	-	-	0
Trinidad and Tobago	-	-	-	-	-	-	0	0
United Kingdom	-	-	-	-	1	-	0	-5
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-3	-	-32	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-26	0	3	1	-5	1	-75
Total	-	-32	7	75	8	-26	-1	-612
Persian Gulf⁴	-	6	-	8	-	-	0	-5

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, May 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	2	-	361	1,276
Algeria	-	-	-	96	96
Angola	-	-1	-	-1	31
Congo (Brazzaville)	-	-	-	-	-
Equatorial Guinea	-	0	-	1	1
Gabon	-	0	-	0	0
Iran	-	-	-	-	-
Iraq	-	0	-	69	303
Kuwait	-	0	-	40	65
Libya	-	0	-	0	54
Nigeria	-	-3	-	-20	138
Saudi Arabia	-	0	-	165	577
United Arab Emirates	0	7	-	11	11
Venezuela	-	0	-	0	0
Non-OPEC	42	-72	-2	-4,249	-2,306
Argentina	-1	-5	0	-77	-29
Aruba	-	0	-	-5	-5
Australia	-	0	-	-30	-54
Bahamas	0	0	0	-30	-30
Bahrain	-	3	-	3	3
Belgium	-	-19	0	-35	-35
Brazil	0	-10	0	-320	-262
Brunei	-	0	-	-1	-1
Cameroon	-	0	-	0	0
Canada	50	1	0	34	3,440
Chad	-	-	-	-	-
China	0	0	0	-434	-502
Colombia	3	-3	0	-87	154
Denmark	-	0	-	-2	-44
Dominican Republic	0	-1	0	-104	-136
Ecuador	0	-2	-	-94	93
Estonia	-	-	-	-	-
Finland	-	0	-	-4	-4
France	-	-3	0	1	-212
Germany	0	0	0	4	-67
Guatemala	-	-1	-	-93	-93
Honduras	-	-1	-	-46	-46
India	0	-1	0	-100	-368
Indonesia	0	2	-	-119	-140
Italy	0	0	0	38	-207
Japan	0	-1	0	-423	-474
Korea, South	0	12	0	-47	-393
Latvia	-	-2	-	-2	-2
Lithuania	-	0	-	16	-7
Malaysia	0	0	0	0	0
Mexico	-2	-22	-2	-1,104	-332
Netherlands	0	-2	0	-19	-301
Norway	-	0	0	-17	-22
Oman	-	0	-	-11	-11
Panama	-2	-1	-	-153	-163
Portugal	-	0	-	-15	-38
Puerto Rico	-4	-1	-	-14	-14
Qatar	-	13	-	21	21
Russia	-	0	-	0	0
Spain	0	0	-	22	-218
Sweden	-	0	0	-24	-24
Trinidad and Tobago	-	0	-	-27	1
United Kingdom	-	-1	-	37	-277
Vietnam	0	0	0	-35	-35
Virgin Islands, U.S.	-	0	-	-38	-38
Yemen	-	0	-	0	0
Other	-2	-27	0	-915	-1,434
Total	42	-70	-2	-3,889	-1,031
Persian Gulf⁴	0	22	-	309	979

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,155	-18	-	263	-	14	14	17	48	65
Algeria	-	-	-	65	-	0	0	-	-	-
Angola	44	-	-	-	-	1	1	-	1	1
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	235	-	-	99	-	-	-	-	-	-
Kuwait	26	-	-	19	-	-	-	-	-	-
Libya	83	-	-	-	-	-	-	-	-	-
Nigeria	147	-20	-	5	-	-	-	-	4	4
Saudi Arabia	619	-	-	74	-	13	13	17	43	61
United Arab Emirates	-	-	-	0	-	0	0	0	-	0
Venezuela	-	0	-	0	-	0	0	0	-	0
Non-OPEC	1,865	-2,512	13	29	-	-780	-780	169	355	523
Argentina	46	-	-	-2	-	-	-	-	16	16
Aruba	-	-1	-	0	-	-	-	-	-	-
Australia	-24	-18	-	0	-	-	-	-	0	0
Bahamas	-	-2	-	0	-	9	9	-	8	8
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-17	-155	-	-10	-	24	24	17	16	32
Brazil	79	-98	-	-33	-	-52	-52	-	13	13
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,421	-143	13	-61	-	-33	-33	64	-26	39
Chad	-	-	-	-	-	-	-	-	-	-
China	-63	-339	-	0	-	-	-	-	-	-
Colombia	183	-4	-	-26	-	-34	-34	-	0	0
Denmark	-45	-	-	-	-	-	-	-	2	2
Dominican Republic	-17	-44	-	0	-	-14	-14	-	-	-
Ecuador	131	-41	-	45	-	-20	-20	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-43	-	-	-	-	-	-	37	37
France	-230	-52	-	19	-	15	15	11	6	17
Germany	-124	-3	-	0	-	4	4	-	11	11
Guatemala	-	-14	-	0	-	-45	-45	-	0	0
Honduras	-	-14	-	0	-	-18	-18	-	0	0
India	-215	-79	-	6	-	6	6	-	94	94
Indonesia	-	-85	-	-	-	-	-	-	-	-
Italy	-216	-	-	21	-	4	4	-	17	17
Japan	-41	-290	-	-11	-	0	0	-	-	-
Korea, South	-346	-181	-	0	-	8	8	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	0	0
Mexico	646	-204	-	68	-	-498	-498	0	-32	-32
Netherlands	-412	-108	-	-18	-	26	26	36	45	81
Norway	19	-42	-	-3	-	1	1	-	22	22
Oman	-	-	-	0	-	-	-	-	5	5
Panama	-	-9	-	0	-	-26	-26	-	0	0
Portugal	-24	-17	-	-	-	-	-	-	37	37
Puerto Rico	-	0	-	0	-	-6	-6	-	0	0
Qatar	-	-	-	-	-	0	0	-	0	0
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-222	-41	-	-	-	8	8	-	36	36
Sweden	-23	-38	-	-8	-	3	3	-	0	0
Trinidad and Tobago	17	2	-	0	-	0	0	-	-	-
United Kingdom	-126	-75	-	10	-	3	3	41	26	67
Vietnam	-15	-	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	0	-	0	-	-19	-19	-	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-517	-374	0	32	-	-126	-126	0	22	21
Total	3,019	-2,531	13	292	-	-767	-767	186	403	588
Persian Gulf⁴	880	-	-	193	-	13	13	17	44	61

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-3	-	-	-	15	-	-	-	15	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	0	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-1	-	-	-	0	-	-	-	0	-	-
Saudi Arabia	-2	-	-	-	15	-	-	-	15	0	-
United Arab Emirates	0	-	-	-	-	-	-	-	-	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-76	-8	18	-	-921	-93	-100	6	-1,108	-7	1
Argentina	0	-	-	-	-71	-9	-20	-	-100	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	0	-	-	-	0	-	-	-	0	-	-
Bahamas	-	-	-	-	-6	-	-12	-	-18	-1	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	0	-	-	-	-	-	-	-	-	-
Brazil	0	-	-	-	-125	-5	-4	-	-133	-5	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-33	-11	-	-	91	-2	-9	-	80	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-1	-	-	-	-17	-	-	-	-17	0	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-18	-1	-7	-	-25	-	-
Ecuador	-	-	-	-	-29	-	-10	6	-32	0	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	0	-	-	-	0	-	-
Germany	-	2	-	-	0	-	-	-	0	-	-
Guatemala	-	-	-	-	-24	-10	-2	-	-36	0	-
Honduras	-	-	-	-	-8	-20	-	-	-28	-	-
India	0	-	-	-	-13	-	-	-	-13	-	-
Indonesia	0	0	-	-	-	-	-	-	-	-	-
Italy	-	0	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	3	-	-	-	3	-	-
Korea, South	-11	4	-	-	0	-	-	-	0	1	0
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-4	0	-	-	-277	0	0	-	-277	0	-
Netherlands	-7	-2	-	-	-10	-	-	-	-10	-	0
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-76	-2	-	-	-78	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-10	-	0	-	-10	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-7	-	-	-	-7	-	-
Sweden	-1	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	0	-	-	-	-6	-	-14	-	-20	-	-
United Kingdom	-10	-	-	-	-11	-	-	-	-11	0	-
Vietnam	-	-	-	-	0	-	-	-	0	-	-
Virgin Islands, U.S.	0	-	-	-	-6	-	-10	-	-16	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-9	-1	18	-	-301	-44	-12	0	-360	-2	1
Total	-79	-8	18	-	-906	-93	-100	6	-1,093	-7	1
Persian Gulf⁴	-2	-	-	-	15	-	-	-	15	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	5	-	28	-	-	0	-16
Algeria	-	-	-	9	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	0	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	5	-	-	-	-	-	-5
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	19	-	-	0	-
United Arab Emirates	-	-	-	0	-	-	0	-11
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-71	12	77	13	-47	4	-571
Argentina	-	-1	-	-	-	-5	0	-
Aruba	-	-	-	-	-	-	-	-
Australia	-	0	-	-	-	-	0	-4
Bahamas	-	-3	-	-9	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-7	-	0	-	-2
Brazil	-	-21	-	31	-	-2	0	-36
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-19	4	-1	3	2	0	-25
Chad	-	-	-	-	-	-	-	-
China	-	-	-	0	-	-	1	-77
Colombia	-	-4	-	27	-	-	0	-
Denmark	-	-	-	-	-	-	0	-
Dominican Republic	-	-9	-	-3	-	-	0	-6
Ecuador	-	0	-	-	-	-	-	0
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	0	-
France	-	-	-	0	-	-	0	-5
Germany	-	-	-	0	-	-	0	0
Guatemala	-	-1	-	-	-	-	0	-9
Honduras	-	-1	-	0	-	-	-	-9
India	-	-	-	0	-	-16	0	-93
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	2	-	-2	0	-35
Japan	-	32	2	-	1	-	0	-40
Korea, South	-	66	5	-8	1	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	1	-1
Mexico	-	-56	-	76	4	-7	0	-36
Netherlands	-	-	-	10	-	-	0	-15
Norway	-	-	-	-	-	-	-	-3
Oman	-	-	-	-	-	-	-	-2
Panama	-	-18	-	-30	-	-	-	-
Portugal	-	-	-	-	-	-	-	-4
Puerto Rico	-	0	-	-	-	-	0	-
Qatar	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	0	-3	-	-	0	-8
Sweden	-	-	-	-	-	-	0	0
Trinidad and Tobago	-	-10	-	-	-	-	-	-
United Kingdom	-	0	-	8	-	-	1	-14
Vietnam	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-2	-	-34	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-24	1	18	4	-17	1	-147
Total	-	-66	12	105	13	-47	4	-587
Persian Gulf⁴	-	5	-	19	-	-	0	-16

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	4	0	356	1,510
Algeria	—	—	—	74	74
Angola	—	0	—	1	45
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	2	2
Gabon	—	0	—	0	0
Iran	—	—	—	—	—
Iraq	—	0	—	99	334
Kuwait	—	0	—	20	45
Libya	—	0	—	0	83
Nigeria	—	-3	—	-15	131
Saudi Arabia	—	0	—	180	799
United Arab Emirates	0	8	0	-4	-4
Venezuela	—	0	—	0	0
Non-OPEC	41	-96	-2	-4,548	-2,684
Argentina	0	0	0	-92	-46
Aruba	—	0	—	-1	-1
Australia	0	0	—	-22	-46
Bahamas	0	0	0	-15	-15
Bahrain	—	2	—	2	2
Belgium	0	-8	0	-126	-143
Brazil	—	-11	0	-348	-270
Brunei	—	0	—	0	0
Cameroon	—	0	—	0	0
Canada	49	0	0	-135	3,286
Chad	—	—	—	—	—
China	0	0	0	-415	-478
Colombia	0	-58	0	-118	65
Denmark	—	0	—	2	-43
Dominican Republic	-2	-1	—	-103	-120
Ecuador	—	-2	—	-50	81
Estonia	—	—	—	—	—
Finland	—	0	—	-6	-6
France	—	-1	—	-7	-237
Germany	0	0	0	14	-110
Guatemala	—	-1	—	-106	-106
Honduras	-2	0	—	-74	-74
India	0	0	0	-95	-310
Indonesia	0	2	—	-83	-83
Italy	—	1	—	9	-207
Japan	0	0	0	-301	-342
Korea, South	0	9	0	-106	-452
Latvia	—	0	—	0	0
Lithuania	—	0	—	0	0
Malaysia	0	0	—	0	0
Mexico	-1	-24	-2	-994	-347
Netherlands	1	-2	0	-43	-455
Norway	—	0	—	-24	-5
Oman	—	0	—	3	3
Panama	-1	-1	0	-162	-162
Portugal	—	0	—	16	-8
Puerto Rico	0	-1	—	-17	-17
Qatar	—	12	—	12	12
Russia	—	—	—	—	—
Spain	1	0	—	-13	-234
Sweden	—	0	—	-44	-67
Trinidad and Tobago	—	0	—	-28	-12
United Kingdom	0	0	0	-21	-148
Vietnam	0	0	—	0	-15
Virgin Islands, U.S.	0	0	—	-71	-71
Yemen	—	0	—	0	0
Other	-4	-12	0	-986	-1,503
Total	41	-92	-2	-4,193	-1,173
Persian Gulf⁴	0	22	0	310	1,190

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, July 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,141	-6	-	289	-	0	0	9	47	56
Algeria	51	-	-	55	-	-	-	-	-	-
Angola	44	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	2	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	385	-	-	150	-	-	-	-	-	-
Kuwait	23	-	-	1	-	-	-	-	-	-
Libya	54	-	-	0	-	0	0	-	-	-
Nigeria	94	-8	-	-	-	-	-	-	9	9
Saudi Arabia	458	0	-	58	-	-	-	-	31	31
United Arab Emirates	32	-	-	25	-	0	0	9	7	16
Venezuela	-	0	-	-	-	-	-	-	-	-
Non-OPEC	1,776	-2,211	17	128	-	-633	-633	79	349	427
Argentina	72	-	-	-6	-	-	-	-	12	12
Aruba	-	-	-	-	-	-2	-2	-	-	-
Australia	-69	-19	-	0	-	-	-	0	-	0
Bahamas	-	-1	-	-5	-	-30	-30	-	0	0
Bahrain	-	-	-	0	-	-	-	-	-	-
Belgium	-	-32	-	11	-	31	31	-	1	1
Brazil	144	-76	-	-20	-	-45	-45	-	22	22
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,363	-125	17	-29	-	-20	-20	44	33	77
Chad	-	-	-	-	-	-	-	-	-	-
China	-261	-336	-	0	-	-	-	-	0	0
Colombia	251	-2	-	-31	-	-39	-39	-	-	-
Denmark	-44	-	-	-	-	-	-	-	-	-
Dominican Republic	-32	-36	-	0	-	-13	-13	-	-	-
Ecuador	125	-34	-	3	-	-9	-9	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-21	-	-	-	1	1	-	0	0
France	-209	0	-	-1	-	23	23	-	8	8
Germany	-198	-4	-	0	-	0	0	0	2	2
Guatemala	9	-13	-	0	-	-24	-24	-	0	0
Honduras	-	-33	-	0	-	-10	-10	-	-	-
India	-202	-102	-	-1	-	-	-	-	74	74
Indonesia	-	-46	-	0	-	-	-	-	-	-
Italy	-234	-	-	29	-	7	7	-	5	5
Japan	-	-352	-	-17	-	10	10	0	10	10
Korea, South	-345	-159	-	0	-	10	10	0	13	13
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	-	18	-	-	-	-	5	5
Mexico	737	-218	-	72	-	-379	-379	0	-30	-30
Netherlands	-383	-75	-	27	-	9	9	10	24	34
Norway	21	-36	-	-2	-	7	7	-	15	15
Oman	-	-	-	0	-	-	-	-	2	2
Panama	-	-7	-	0	-	-13	-13	-	-	-
Portugal	-	-14	-	-	-	-	-	-	27	27
Puerto Rico	-	0	-	0	-	0	0	-	-	-
Qatar	-	-	-	18	-	-	-	-	0	0
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-189	-	-	11	-	-	-	-	32	32
Sweden	-	-42	-	-	-	1	1	-	14	14
Trinidad and Tobago	29	0	-	0	-	0	0	-	-	-
United Kingdom	-268	-36	-	0	-	6	6	25	12	37
Vietnam	-	-	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-1	-	-	-	-3	-3	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-541	-391	0	51	-	-151	-151	0	68	67
Total	2,917	-2,217	17	417	-	-633	-633	88	395	483
Persian Gulf⁴	899	0	-	253	-	0	0	9	38	47

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, July 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-5	-	-	-	0	-	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	0	-	-	-	0	-	-
Saudi Arabia	-2	-	-	-	0	-	-	-	0	0	-
United Arab Emirates	-3	-	-	-	0	-	-	-	0	0	-
Venezuela	-	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-80	-11	19	-	-1,170	-97	-96	-	-1,362	-1	0
Argentina	-	-	-	-	-112	-	-9	-	-121	-	-
Aruba	0	-	-	-	-1	-	-	-	-1	-	-
Australia	0	-	-	-	0	-	0	-	0	0	-
Bahamas	-	-	-	-	-8	-	-15	-	-23	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-10	-	-1	-	-10	-	-
Brazil	0	-	-	-	-264	1	-4	-	-267	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-32	-9	-	-	157	-11	-5	-	142	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	0	-	-	-	-17	-	-	-	-17	0	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-22	-	-14	-	-36	-	-
Ecuador	0	-	-	-	-47	-5	-	-	-52	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	0	-	-	-	-	-	-	-	-	-	-
Germany	-	0	-	-	0	-	-	-	0	-	-
Guatemala	-	-	-	-	-10	-16	-	-	-26	0	-
Honduras	-	-	-	-	-16	-22	-	-	-38	-	-
India	0	-	-	-	0	-	-	-	0	-	-
Indonesia	0	-	-	-	0	-	-	-	0	-	-
Italy	0	-	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	0	-	-	-	0	-	-
Korea, South	-7	1	-	-	1	-	-	-	1	-	0
Latvia	-	-	-	-	-	-	-	-	-	0	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-4	0	-	-	-262	-	0	-	-263	0	-
Netherlands	-11	-	-	-	-21	-	-5	-	-26	-	-
Norway	-	-1	-	-	-	-	-	-	-	-	-
Oman	-3	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-63	-12	-11	-	-86	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	0	-	-	-	0	0	-
Qatar	0	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-2	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	0	-	-	-	-	-	-14	-	-14	-	-
United Kingdom	-3	-	-	-	-42	-	-	-	-42	-	-
Vietnam	-	-	-	-	0	-	-	-	0	-	-
Virgin Islands, U.S.	-	-	-	-	-32	-	-6	-	-38	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-18	-2	19	-	-401	-32	-12	-	-445	-1	0
Total	-84	-11	19	-	-1,170	-97	-96	-	-1,362	-1	0
Persian Gulf⁴	-5	-	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, July 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	0	-	5	-	-	0	-11
Algeria	-	-	-	0	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-5
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-6
Saudi Arabia	-	0	-	5	-	-	0	0
United Arab Emirates	-	-	-	-	-	-	0	0
Venezuela	-	-	-	-	-	-	0	-
Non-OPEC	-	-62	15	88	15	-42	2	-458
Argentina	-	-2	-	-	-	1	0	7
Aruba	-	-2	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-8
Bahamas	-	-8	-	-17	-	-	-	-
Bahrain	-	-	-	-	-	-	0	-
Belgium	-	-	-	-	-	-	0	-3
Brazil	-	-10	-	10	-	-	0	-17
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-19	9	18	3	3	0	-28
Chad	-	-	-	-	-	-	-	-
China	-	10	-	0	-	-	1	-72
Colombia	-	-	-	17	-	-	0	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-6	-	-3	-	-	0	-6
Ecuador	-	-	-	4	-	-	0	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	2	0	0	-9
Germany	-	-	-	0	-	-	0	0
Guatemala	-	-3	-	-	-	-	0	-9
Honduras	-	-1	-	-	-	-	0	-
India	-	-	-	0	-	-20	0	-19
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-3	-	-17
Japan	-	27	-	0	-	-	0	-67
Korea, South	-	79	7	-5	3	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	1	-
Mexico	-	-70	-	64	3	-4	0	-47
Netherlands	-	-	-	-11	-	-	0	-14
Norway	-	-	-	-	-	-	-	-4
Oman	-	-	-	-	-	-	-	-3
Panama	-	-16	-	-5	-	-5	-	-7
Portugal	-	-	-	-	-	-	-	-6
Puerto Rico	-	0	-	0	-	-	0	-
Qatar	-	-	-	-	-	-	0	-3
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	0	-5
Sweden	-	-	-	-	-	-	-	0
Trinidad and Tobago	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	5	1	-	0	-9
Vietnam	-	-	-	-	-	-	0	0
Virgin Islands, U.S.	-	-8	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-33	-1	11	3	-14	0	-112
Total	-	-62	15	93	15	-42	2	-469
Persian Gulf⁴	-	0	-	5	-	-	0	-8

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, July 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	3	0	332	1,473
Algeria	—	—	—	55	106
Angola	—	0	—	0	44
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	2	2
Gabon	—	0	—	0	0
Iran	—	—	—	—	—
Iraq	—	0	—	150	536
Kuwait	—	0	—	-4	18
Libya	—	0	—	0	54
Nigeria	—	-3	—	-8	85
Saudi Arabia	—	0	—	92	550
United Arab Emirates	0	7	—	46	78
Venezuela	—	0	0	0	0
Non-OPEC	67	-96	-2	-4,180	-2,405
Argentina	0	-2	0	-112	-39
Aruba	—	0	—	-5	-5
Australia	—	0	—	-27	-96
Bahamas	0	0	0	-84	-84
Bahrain	—	2	—	2	2
Belgium	0	-18	0	-20	-20
Brazil	—	-10	0	-413	-270
Brunei	—	0	—	0	0
Cameroon	—	0	—	0	0
Canada	67	-2	0	72	3,435
Chad	—	—	—	—	—
China	0	0	0	-398	-658
Colombia	1	-56	0	-126	125
Denmark	—	0	—	0	-44
Dominican Republic	-1	-1	—	-102	-135
Ecuador	0	-2	—	-92	33
Estonia	—	—	—	—	—
Finland	—	0	—	-19	-19
France	—	-2	0	22	-187
Germany	0	0	0	-1	-199
Guatemala	—	-1	—	-76	-66
Honduras	—	0	—	-82	-82
India	—	0	0	-68	-270
Indonesia	0	5	0	-40	-40
Italy	2	0	—	22	-212
Japan	0	0	0	-389	-389
Korea, South	0	13	0	-44	-389
Latvia	—	0	—	0	0
Lithuania	—	—	0	0	0
Malaysia	—	0	0	24	24
Mexico	-2	-21	-2	-899	-162
Netherlands	0	0	0	-67	-450
Norway	—	0	—	-21	0
Oman	—	0	—	-4	-4
Panama	—	-1	—	-140	-140
Portugal	—	—	—	7	7
Puerto Rico	0	-1	—	-1	-1
Qatar	—	13	—	29	29
Russia	—	—	—	—	—
Spain	0	0	—	39	-151
Sweden	—	0	—	-28	-28
Trinidad and Tobago	—	-1	—	-14	14
United Kingdom	—	-2	0	-43	-312
Vietnam	—	0	—	0	0
Virgin Islands, U.S.	0	0	—	-50	-50
Yemen	—	0	—	0	0
Other	0	-9	0	-1,032	-1,572
Total	67	-93	-2	-3,848	-931
Persian Gulf⁴	0	22	—	315	1,214

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, August 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	934	-23	-	222	-	-10	-10	1	30	31
Algeria	12	-	-	29	-	-	-	1	-	1
Angola	50	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	11	-	-	-	-	-	-	-	-
Gabon	23	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	214	-	-	92	-	-	-	-	-	-
Kuwait	20	-	-	0	-	-	-	-	-	-
Libya	68	-	-	0	-	-	-	-	-	-
Nigeria	140	-34	-	8	-	-10	-10	-	14	14
Saudi Arabia	384	-	-	72	-	-	-	-	16	16
United Arab Emirates	24	0	-	20	-	-	-	-	-	-
Venezuela	-	0	-	0	-	-	-	-	-	-
Non-OPEC	1,835	-2,306	15	23	-	-836	-836	171	363	535
Argentina	31	-	-	-5	-	-	-	-	8	8
Aruba	-	0	-	0	-	0	0	-	-	-
Australia	-19	-19	-	0	-	0	0	-	-	-
Bahamas	-	-1	-	-	-	11	11	-	24	24
Bahrain	-	-	-	-	-	0	0	0	-	0
Belgium	-	-47	-	5	-	13	13	7	5	12
Brazil	95	-37	-	22	-	-46	-46	-	15	15
Brunei	-	-	-	-	-	-	-	-	9	9
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,516	-85	15	-84	-	-8	-8	40	37	77
Chad	-	-	-	-	-	-	-	-	-	-
China	-282	-399	-	0	-	-	-	-	-	-
Colombia	163	-2	-	-42	-	-57	-57	-	-	-
Denmark	-20	-	-	-6	-	-	-	0	1	1
Dominican Republic	-16	-58	-	0	-	-25	-25	0	-	0
Ecuador	176	-52	-	-10	-	-10	-10	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-24	-20	-	-	-	-	-	-	10	10
France	-70	-17	-	1	-	4	4	5	4	9
Germany	-101	0	-	0	-	-	-	-	0	0
Guatemala	-	0	-	-	-	-39	-39	0	0	0
Honduras	-	-13	-	0	-	-17	-17	-	-	-
India	-95	-76	-	0	-	-	-	11	59	70
Indonesia	-6	-84	-	0	-	-	-	-	-	-
Italy	-144	-	-	10	-	-	-	3	25	28
Japan	-65	-482	-	-16	-	0	0	-	1	1
Korea, South	-399	-162	-	0	-	8	8	-	43	43
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-24	-	-	-	-	19	19	-	-	-
Malaysia	-43	-	-	51	-	-	-	-	9	9
Mexico	641	-208	-	66	-	-540	-540	0	-17	-17
Netherlands	-372	-48	-	5	-	5	5	37	15	52
Norway	-	-53	-	-8	-	-	-	10	20	30
Oman	-	-	-	10	-	-	-	-	3	3
Panama	-	-3	-	-	-	-18	-18	-	-	-
Portugal	-	-14	-	-	-	-	-	-	37	37
Puerto Rico	-	0	-	-	-	0	0	-	0	0
Qatar	-	-	-	0	-	0	0	0	-	0
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-125	-55	-	9	-	-	-	-	22	22
Sweden	-79	-25	-	-	-	-	-	0	1	1
Trinidad and Tobago	61	0	-	0	-	0	0	-	-	-
United Kingdom	-370	-35	-	-35	-	-7	-7	48	10	58
Vietnam	-	-25	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-1	-	-	-	-4	-4	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-594	-285	0	15	-	-125	-125	10	22	33
Total	2,769	-2,329	15	245	-	-846	-846	172	394	566
Persian Gulf⁴	641	0	-	184	-	0	0	0	16	16

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, August 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-2	0	-	-	0	-	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	0	-	-	-	0	-	-	-	0	-	-
Nigeria	0	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-2	-	-	-	0	-	-	-	0	-	-
United Arab Emirates	-	0	-	-	-	-	-	-	-	0	-
Venezuela	-	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-45	-15	14	0	-986	-101	-98	-	-1,185	-15	0
Argentina	0	-	-	-	-68	-	-7	-	-75	0	-
Aruba	0	-	-	-	0	-	-	-	0	-	-
Australia	0	-	-	-	-	-	-	-	-	-	-
Bahamas	0	-	-	-	-30	-	-	-	-30	0	-
Bahrain	0	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-3	-11	-	-	-14	-	-
Brazil	14	-	-	-	-168	0	-9	-	-177	-7	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-41	-7	-	-	141	-9	-7	-	125	-6	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	0	-	-	-	-1	-	-	-	-1	0	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-5	-	-6	-	-11	0	-
Ecuador	-	-	-	-	-9	-13	-	-	-22	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-2	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	0	-
Germany	0	0	-	-	0	-	-	-	0	-	-
Guatemala	0	-	-	-	-34	-8	-6	-	-48	0	-
Honduras	-	-	-	-	-3	-9	-	-	-11	0	-
India	0	-	-	-	0	-	-	-	0	-	-
Indonesia	0	-	-	-	-	-	-	-	-	-	-
Italy	0	-	-	-	-	-	-	-	-	-	-
Japan	0	-	-	0	-	-	-	-	-	-	-
Korea, South	-5	0	-	-	15	10	-	-	25	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	0	-	-	-	-	-	-	-
Mexico	-4	0	-	-	-356	-3	0	-	-359	0	-
Netherlands	-2	-	-	-	-33	-10	-13	-	-55	-	-
Norway	-1	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	0	-	-	-	-52	-2	-21	-	-74	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	0	-	-	-	0	-	-
Qatar	0	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	0	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-5	-	-	-	-5	-	-
United Kingdom	-3	0	-	-	-27	-	-	-	-27	0	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-39	-	-9	-	-48	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-1	-8	14	0	-309	-46	-20	-	-378	-2	0
Total	-47	-15	14	0	-986	-101	-98	-	-1,185	-15	0
Persian Gulf⁴	-2	0	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, August 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	-	-	22	-	-	0	5
Algeria	-	-	-	11	-	-	-	0
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	0	5
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	11	-	-	0	0
United Arab Emirates	-	-	-	-	-	-	0	0
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-121	36	61	13	-25	0	-573
Argentina	-	-1	-	0	-	-	0	-3
Aruba	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-4
Bahamas	-	-11	-	-10	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-13
Brazil	-	-	-	27	-	-	0	-49
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-21	1	7	2	2	0	-36
Chad	-	-	-	-	-	-	-	-
China	-	-	-	0	-	-	1	-75
Colombia	-	-	-	6	-	-	0	-
Denmark	-	-	-	10	-	-	-	-
Dominican Republic	-	-7	-	-1	-	-	0	-12
Ecuador	-	-	-	10	-	-	0	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	0	0	-1
Germany	-	-	-	-	-	-	0	0
Guatemala	-	-1	-	-	-	-	-	-17
Honduras	-	-1	-	-	-	-	0	-9
India	-	8	-	0	-	-22	0	-58
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	-	0	-
Japan	-	27	-	0	-	-	0	-82
Korea, South	-	39	34	-9	2	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	0	-
Mexico	-	-83	-	56	4	-4	-1	-51
Netherlands	-	-10	-	-	-	-1	0	-2
Norway	-	-	-	-	-	-	-	-4
Oman	-	-	-	-	-	-	-	-6
Panama	-	-12	-	-44	-	-	0	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-11	-	-	-	-	0	-
Qatar	-	-	-	-	-	-	0	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	0	-21
Sweden	-	-	-	-	-	-	-	0
Trinidad and Tobago	-	0	-	-	-	-	-	-
United Kingdom	-	-	-	0	-	-	0	-2
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-37	1	9	5	0	0	-133
Total	-	-121	36	83	13	-25	0	-573
Persian Gulf⁴	-	-	-	11	-	-	0	5

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, August 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	7	0	252	1,185
Algeria	—	0	—	41	53
Angola	—	—	—	—	50
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	11	11
Gabon	—	0	—	0	23
Iran	—	—	—	—	—
Iraq	—	0	—	92	306
Kuwait	—	0	0	5	25
Libya	—	0	—	0	68
Nigeria	—	0	—	-22	118
Saudi Arabia	—	0	—	97	481
United Arab Emirates	0	8	—	27	51
Venezuela	—	0	—	0	0
Non-OPEC	55	-23	-2	-4,400	-2,565
Argentina	—	0	—	-76	-45
Aruba	—	0	—	-1	-1
Australia	0	0	—	-23	-41
Bahamas	0	0	0	-18	-18
Bahrain	—	2	—	2	2
Belgium	0	-6	0	-49	-49
Brazil	—	-9	0	-248	-153
Brunei	—	—	—	9	9
Cameroon	—	—	—	—	—
Canada	49	0	0	-10	3,506
Chad	—	—	—	—	—
China	0	0	0	-474	-756
Colombia	2	-4	0	-97	66
Denmark	—	1	—	6	-14
Dominican Republic	-1	-1	—	-116	-131
Ecuador	0	-3	0	-87	88
Estonia	—	—	—	—	—
Finland	—	0	—	-11	-36
France	—	0	—	-3	-73
Germany	0	1	—	1	-100
Guatemala	0	-1	—	-107	-107
Honduras	-1	0	—	-53	-53
India	0	-1	0	-79	-174
Indonesia	0	6	—	-78	-83
Italy	—	0	0	38	-106
Japan	0	0	0	-552	-617
Korea, South	—	12	0	-14	-414
Latvia	—	0	—	0	0
Lithuania	—	0	—	19	-5
Malaysia	0	0	—	60	17
Mexico	-6	-21	-1	-1,170	-529
Netherlands	1	0	0	-55	-427
Norway	—	0	—	-36	-36
Oman	—	0	—	6	6
Panama	—	-1	—	-151	-151
Portugal	—	—	—	23	23
Puerto Rico	0	0	—	-12	-12
Qatar	—	14	—	14	14
Russia	—	—	—	—	—
Spain	10	0	—	-36	-161
Sweden	—	0	—	-24	-103
Trinidad and Tobago	—	0	0	-5	56
United Kingdom	0	0	—	-15	-385
Vietnam	—	0	—	-25	-25
Virgin Islands, U.S.	0	0	—	-53	-53
Yemen	—	0	—	0	0
Other	1	-12	-1	-900	-1,494
Total	55	-16	-2	-4,149	-1,380
Persian Gulf⁴	0	23	0	237	879

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	862	-8	-	207	-	0	0	0	38	38
Algeria	21	-	-	20	-	-	-	-	5	5
Angola	64	-	-	3	-	-	-	-	4	4
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	231	-	-	49	-	0	0	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	62	-	-	-	-	0	0	-	-	-
Nigeria	54	-8	-	0	-	-	-	-	7	7
Saudi Arabia	396	-	-	74	-	-	-	-	22	22
United Arab Emirates	-	-	-	59	-	-	-	-	-	-
Venezuela	-	-	-	0	-	0	0	0	-	0
Non-OPEC	1,692	-2,237	11	-4	-	-906	-906	150	188	338
Argentina	65	-	-	1	-	0	0	-	7	7
Aruba	-	-	-	-	-	-2	-2	-	-	-
Australia	-54	-19	-	0	-	-	-	-	-	-
Bahamas	-24	-2	-	-	-	10	10	-	19	19
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-38	-	0	-	12	12	-	4	4
Brazil	125	-36	-	-12	-	-51	-51	-	13	13
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,600	-156	11	-34	-	6	6	45	-6	39
Chad	-	-	-	-	-	-	-	-	-	-
China	-265	-196	-	0	-	0	0	-	-	-
Colombia	145	-2	-	-42	-	-45	-45	-	-	-
Denmark	-23	-	-	-	-	0	0	-	1	1
Dominican Republic	-19	-40	-	0	-	-20	-20	-	-	-
Ecuador	236	-36	-	23	-	-10	-10	-	-	-
Estonia	-	-	-	-	-	-1	-1	-	0	0
Finland	-56	-22	-	-	-	-	-	-	1	1
France	-151	-31	-	-	-	-23	-23	-	16	16
Germany	-104	-	-	0	-	0	0	0	2	2
Guatemala	-	-14	-	0	-	-44	-44	-	-4	-4
Honduras	-	-18	-	0	-	-25	-25	-	0	0
India	-412	-79	-	11	-	-	-	-	39	39
Indonesia	21	-97	-	-	-	-	-	-	-	-
Italy	-100	-	-	16	-	-	-	2	10	13
Japan	-	-354	-	-33	-	0	0	0	10	9
Korea, South	-506	-114	-	0	-	12	12	-	31	31
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-24	-	-	-	-	3	3	-	3	3
Malaysia	-13	-	-	34	-	0	0	-	-	-
Mexico	635	-220	-	28	-	-541	-541	0	-30	-30
Netherlands	-427	-74	-	7	-	20	20	43	20	63
Norway	15	-46	-	-	-	23	23	8	3	10
Oman	-	-	-	-	-	-	-	-	-	-
Panama	-	-2	-	0	-	-46	-46	-	-	-
Portugal	-	-23	-	-	-	-	-	-	19	19
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-100	-47	-	0	-	-24	-24	6	12	18
Sweden	-24	-52	-	0	-	0	0	-	1	1
Trinidad and Tobago	46	2	-	0	-	-20	-20	-	-	-
United Kingdom	-398	-48	-	-1	-	3	3	41	21	62
Vietnam	-	0	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	-6	-	-	-	0	0	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-496	-467	0	-2	-	-143	-143	5	-4	2
Total	2,553	-2,244	11	203	-	-906	-906	150	226	376
Persian Gulf⁴	627	-	-	183	-	0	0	-	22	22

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	0	-	-	-	0	-	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	0	-	-	-	0	-	-
Saudi Arabia	-	-	-	-	0	-	-	-	0	-	-
United Arab Emirates	0	-	-	-	0	-	-	-	0	0	-
Venezuela	0	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-71	-8	10	-	-1,032	-41	-109	-	-1,182	-12	1
Argentina	-	-	-	-	-32	-	-4	-	-36	-	-
Aruba	-	-	-	-	-1	-	-	-	-1	0	-
Australia	-3	-	-	-	0	-	-	-	0	-	-
Bahamas	-	-	-	-	-4	-	-9	-	-13	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-21	-	-10	-	-31	-	-
Brazil	-	-	-	-	-198	-6	-	-	-204	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-34	-8	-	-	126	-2	-6	-	119	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-1	-	-	-	-7	-	-	-	-7	0	-
Denmark	-	-	-	-	-10	-	-	-	-10	-	-
Dominican Republic	0	-	-	-	-11	-	-17	-	-28	-	-
Ecuador	-	-	-	-	-38	-	-	-	-38	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-20	-	-	-	-20	-	-
Germany	0	0	-	-	0	-	-	-	0	-	-
Guatemala	-	-	-	-	-23	-9	-3	-	-34	-	-
Honduras	-	-	-	-	0	-11	-9	-	-20	-	-
India	0	-	-	-	0	-	-	-	0	-	-
Indonesia	0	0	-	-	0	-	-	-	0	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	-	-	-	-	-	-	-
Korea, South	-10	1	-	-	0	-	-	-	0	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	0	-	-	-	0	-	-
Mexico	-2	0	-	-	-320	-	0	-	-320	0	-
Netherlands	-5	-	-	-	-74	-	-2	-	-76	-	1
Norway	-1	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-40	-	-24	-	-64	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-21	-	-	-	-21	-	-
Qatar	0	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-12	-	-	-	-12	-	-
Trinidad and Tobago	-	-	-	-	-1	-	-9	-	-10	-	-
United Kingdom	-2	-	-	-	-49	-	-	-	-49	-11	-
Vietnam	-	-	-	-	0	-	-	-	0	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-9	-	-9	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-13	-1	10	-	-276	-13	-7	-	-298	-1	0
Total	-71	-8	10	-	-1,032	-41	-109	-	-1,182	-12	1
Persian Gulf⁴	0	-	-	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	-	-	9	-	-	0	-10
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	0	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	1	-	-	-	-
Kuwait	-	-	-	-	-	-	0	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	8	-	-	0	0
United Arab Emirates	-	-	-	-	-	-	0	-10
Venezuela	-	-	-	-	-	-	0	-
Non-OPEC	-	-130	23	119	13	-46	1	-551
Argentina	-	-1	-	0	-	-1	0	3
Aruba	-	-3	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-7
Bahamas	-	-5	-	-14	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	20	-	-	-	-2
Brazil	-	-10	-	-	-	-	0	-39
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-27	8	12	2	2	0	-12
Chad	-	-	-	-	-	-	-	-
China	-	10	-	0	-	-	1	-91
Colombia	-	-10	-	11	-	-	0	0
Denmark	-	-	-	0	-	-	-	-
Dominican Republic	-	-2	-	-3	-	-	0	-6
Ecuador	-	-	-	3	-	-	-	-14
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	1	0	-
Germany	-	-	-	9	-	-	0	0
Guatemala	-	-3	-	0	-	-	0	-9
Honduras	-	-3	-	-	-	-	0	-9
India	-	0	-	0	-	-31	0	-94
Indonesia	-	-	-	-	-	-	-	-2
Italy	-	-	-	3	-	-	0	-24
Japan	-	40	1	-	-	-	0	-61
Korea, South	-	23	15	-9	4	-	0	0
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	6	-	-	0	0
Mexico	-	-33	-	98	4	-3	-1	-74
Netherlands	-	-10	-	8	-	-	0	-10
Norway	-	-	-	-	-	-	-	-1
Oman	-	-	-	-	-	-	-	4
Panama	-	-13	-	-13	-	-	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	0	-	-	-	-	0	-
Qatar	-	-	-	-	-	-	0	0
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	0	-6
Sweden	-	-	-	1	-	-	-	0
Trinidad and Tobago	-	-	-	-	-	-	0	-
United Kingdom	-	-	-	-	1	-	0	-5
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-1	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-82	-1	-13	2	-14	1	-92
Total	-	-130	23	128	13	-46	1	-562
Persian Gulf⁴	-	-	-	9	-	-	0	-10

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, September 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	—	5	—	241	1,102
Algeria	—	—	—	26	47
Angola	—	0	—	7	72
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	0	0
Gabon	—	—	—	—	—
Iran	—	—	—	—	—
Iraq	—	0	—	50	282
Kuwait	—	0	—	0	0
Libya	—	0	—	0	62
Nigeria	—	0	—	-1	53
Saudi Arabia	—	0	—	103	499
United Arab Emirates	—	6	—	55	55
Venezuela	—	0	—	0	0
Non-OPEC	44	-29	-2	-4,619	-2,927
Argentina	0	-3	0	-29	36
Aruba	—	0	—	-5	-5
Australia	—	0	0	-30	-84
Bahamas	0	0	0	-4	-29
Bahrain	—	2	—	2	2
Belgium	0	-3	0	-38	-38
Brazil	—	-13	0	-352	-227
Brunei	—	—	—	—	—
Cameroon	—	—	—	—	—
Canada	54	0	0	-18	3,583
Chad	—	0	—	0	0
China	—	0	0	-277	-542
Colombia	0	-3	0	-99	47
Denmark	—	0	—	-9	-32
Dominican Republic	0	-1	0	-100	-119
Ecuador	—	-1	—	-73	163
Estonia	—	0	—	-1	-1
Finland	—	0	—	-21	-77
France	—	-1	—	-59	-210
Germany	0	0	0	11	-94
Guatemala	—	0	0	-108	-108
Honduras	—	0	—	-75	-75
India	0	-3	0	-157	-569
Indonesia	0	2	0	-97	-76
Italy	—	0	—	8	-92
Japan	—	-1	0	-398	-398
Korea, South	0	11	0	-37	-544
Latvia	—	0	—	0	0
Lithuania	—	—	0	6	-18
Malaysia	0	0	0	39	26
Mexico	-2	-20	-1	-1,118	-483
Netherlands	0	2	—	-77	-504
Norway	—	0	0	-16	-1
Oman	—	0	—	4	4
Panama	—	0	0	-139	-139
Portugal	—	0	—	-4	-4
Puerto Rico	-2	0	—	-23	-23
Qatar	—	13	—	13	13
Russia	—	0	—	0	0
Spain	—	0	—	-59	-159
Sweden	—	0	0	-62	-86
Trinidad and Tobago	—	0	0	-28	18
United Kingdom	—	-1	—	-51	-449
Vietnam	—	0	—	0	0
Virgin Islands, U.S.	0	0	—	-16	-16
Yemen	—	—	—	—	—
Other	-6	-9	-1	-1,122	-1,617
Total	44	-24	-2	-4,378	-1,825
Persian Gulf⁴	—	20	—	223	850

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	928	-8	-	198	-	0	0	-	35	35
Algeria	21	-	-	38	-	-	-	-	-	-
Angola	66	-	-	3	-	-	-	-	7	7
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	195	-	-	100	-	-	-	-	-	-
Kuwait	41	0	-	-	-	0	0	-	-	-
Libya	121	-	-	-	-	0	0	-	-	-
Nigeria	41	-8	-	1	-	-	-	-	10	10
Saudi Arabia	414	-	-	47	-	-	-	-	18	18
United Arab Emirates	-	-	-	8	-	0	0	-	-	-
Venezuela	-	0	-	0	-	-	-	-	-	-
Non-OPEC	1,309	-2,228	9	160	-	-770	-770	131	210	341
Argentina	89	2	-	3	-	-1	-1	-	9	9
Aruba	-	-	-	0	-	-	-	-	-	-
Australia	-	0	-	0	-	-	-	0	0	0
Bahamas	-	0	-	-	-	-1	-1	0	-8	-8
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-23	-	10	-	-	-	-	1	1
Brazil	185	0	-	7	-	-48	-48	-	2	2
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	0	-	-	-	-	-	-	-	-
Canada	3,365	-17	8	-18	-	-1	-1	51	9	60
Chad	-	-	-	-	-	-	-	-	-	-
China	-286	-431	-	0	-	-	-	0	-	0
Colombia	202	-5	-	-42	-	-56	-56	-	-	-
Denmark	-85	-	-	-	-	-	-	-	0	0
Dominican Republic	-32	-36	-	-	-	-9	-9	0	-	0
Ecuador	113	-25	-	15	-	-19	-19	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-25	-	0	-	-	-	-	-	-
France	-67	-46	-	0	-	4	4	-	-	-
Germany	-164	-	-	0	-	0	0	-	2	2
Guatemala	9	-	-	0	-	-50	-50	-	-	-
Honduras	-	-12	-	0	-	-12	-12	-	-	-
India	-460	-67	-	18	-	3	3	-	37	37
Indonesia	-12	-82	-	0	-	-	-	-	-	-
Italy	-186	-9	-	5	-	8	8	-	54	54
Japan	-98	-438	-	-16	-	0	0	0	5	5
Korea, South	-430	-150	-	0	-	22	22	0	0	0
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	4	-	-	-	-	-	-
Malaysia	-61	-	-	53	-	-	-	-	6	6
Mexico	681	-190	-	98	-	-437	-437	0	-22	-22
Netherlands	-403	-106	-	15	-	2	2	19	1	20
Norway	-17	-35	-	-5	-	4	4	15	11	25
Oman	-	-	-	-	-	-	-	-	-	-
Panama	-45	-29	-	0	-	-17	-17	-	-	-
Portugal	-24	-23	-	-	-	-	-	-	36	36
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-133	-64	-	7	-	-	-	1	36	37
Sweden	-34	-44	-	-	-	-	-	-	-	-
Trinidad and Tobago	17	0	-	0	-	0	0	-	-	-
United Kingdom	-334	-35	-	12	-	-3	-3	46	21	67
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-4	-	-	-	-	-	-	-	-
Yemen	-	-	-	0	-	-	-	-	-	-
Other	-481	-334	1	-6	-	-159	-159	-1	10	10
Total	2,237	-2,236	9	358	-	-770	-770	131	245	376
Persian Gulf⁴	649	0	-	156	-	0	0	-	18	18

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	-2	-	0	-	0	-	-	-	0	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-2	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	0	-	0	-	-	-	0	0	-
Venezuela	0	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-58	6	14	-	-746	-75	-94	-	-916	-9	1
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	0	-
Australia	0	0	-	-	-	-	-	-	-	0	-
Bahamas	-	-	-	-	-17	-6	-8	-	-31	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	-	-	-	-	-	-	-	-	-	-
Brazil	6	-	-	-	-74	-	-	-	-74	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-34	-4	-	-	95	-9	-4	-	81	0	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-1	-	-	-	-29	-	-	-	-29	0	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-6	-	-11	-	-17	0	-
Ecuador	0	-	-	-	-64	-18	-	-	-83	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-16	-	-	-	-16	-	-
France	0	-	-	-	-	-	-	-	-	-	-
Germany	-	9	-	-	-	-	-	-	-	-	-
Guatemala	0	-	-	-	-14	-14	-5	-	-33	0	-
Honduras	-	-	-	-	-7	-2	-12	-	-22	0	-
India	-7	-	-	-	-1	0	-	-	-1	-	-
Indonesia	0	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	10	-	-	-	10	-	-
Korea, South	-4	-	-	-	1	-	-	-	1	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-5	0	-	-	-244	-	0	-	-244	0	-
Netherlands	-4	-	1	-	-9	-	-16	-	-25	-8	1
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	0	-	-	-	-	-	-	-	-	-	-
Panama	-	-	-	-	-39	-2	-1	-	-42	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-8	-	-	-	-8	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-1	2	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	0	-	-	-	0	-	-
United Kingdom	-3	-	-	-	-35	-	-	-	-35	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	0	-	-	-	-30	-	-8	-	-38	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-5	-1	13	-	-259	-24	-29	-	-310	-1	0
Total	-59	6	15	-	-746	-75	-94	-	-916	-9	1
Persian Gulf⁴	-2	-	0	-	0	-	-	-	0	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	36	1	0	-	-	0	-15
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	0	-
Kuwait	-	36	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	1	0	-	-	0	-
United Arab Emirates	-	-	-	-	-	-	-	-15
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-48	15	109	9	-11	2	-581
Argentina	-	-2	-	-12	-	-	0	-
Aruba	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-5
Bahamas	-	-2	-	-	-	-	-	-
Bahrain	-	-	-	4	-	-	-	-
Belgium	-	0	-	12	-	-	-	-9
Brazil	-	-8	-	13	-	-	0	-40
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-36	4	4	4	1	-1	-25
Chad	-	-	-	-	-	-	-	-
China	-	8	-	0	-	-	2	-151
Colombia	-	-3	-	29	-	-	0	2
Denmark	-	-	-	-	-	-	0	-
Dominican Republic	-	-4	-	-6	-	-	0	-13
Ecuador	-	-	-	4	-	-	0	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	1	0	-1
Germany	-	-	0	2	-	-	0	0
Guatemala	-	-2	-	-1	-	-	-	-23
Honduras	-	-2	-	-9	-	-	-	-8
India	-	16	-	-1	-	-	0	-113
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	-	0	-19
Japan	-	18	-	0	1	-	1	-22
Korea, South	-	37	9	-16	-	-	0	-8
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	12	-	-	1	-
Mexico	-	-30	-	55	3	-5	0	-33
Netherlands	-	-	1	-6	0	-2	0	0
Norway	-	-	-	-	-	-	-	-3
Oman	-	0	-	-	-	-	-	-2
Panama	-	-11	-	-17	-	-	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	0	-
Qatar	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	1	-	-	-	-	-35
Sweden	-	-	-	3	-	-	-	-
Trinidad and Tobago	-	-4	-	-1	-	-	0	-
United Kingdom	-	0	-	0	0	-	0	-3
Vietnam	-	0	-	-	-	-	0	-
Virgin Islands, U.S.	-	-3	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-20	0	40	1	-6	-1	-70
Total	-	-12	16	109	9	-11	2	-596
Persian Gulf⁴	-	36	1	4	-	-	0	-15

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, October 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	5	0	250	1,178
Algeria	—	—	—	38	59
Angola	—	—	—	10	76
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	0	0
Gabon	—	0	—	0	0
Iran	—	—	—	—	—
Iraq	—	0	—	100	295
Kuwait	—	0	—	36	76
Libya	—	0	—	0	121
Nigeria	—	0	—	3	44
Saudi Arabia	—	0	0	64	478
United Arab Emirates	0	6	0	-1	-1
Venezuela	—	0	—	-1	-1
Non-OPEC	48	-12	-2	-3,917	-2,608
Argentina	-1	-1	0	-2	87
Aruba	—	0	—	0	0
Australia	0	0	0	-5	-5
Bahamas	0	0	0	-43	-43
Bahrain	—	1	—	5	5
Belgium	—	-14	0	-23	-23
Brazil	—	-7	0	-150	35
Brunei	—	0	—	0	0
Cameroon	—	0	—	0	0
Canada	47	1	0	75	3,439
Chad	—	—	—	—	—
China	0	0	0	-573	-859
Colombia	0	-4	0	-109	94
Denmark	—	0	—	0	-84
Dominican Republic	-1	-1	0	-87	-120
Ecuador	0	-1	—	-109	4
Estonia	—	0	—	0	0
Finland	—	0	—	-41	-41
France	—	-3	—	-45	-112
Germany	0	0	—	14	-150
Guatemala	—	0	—	-109	-100
Honduras	—	0	0	-66	-66
India	0	0	0	-117	-577
Indonesia	0	5	0	-77	-89
Italy	—	2	—	40	-146
Japan	0	0	0	-443	-541
Korea, South	0	21	0	-87	-517
Latvia	—	0	—	0	0
Lithuania	—	0	0	4	4
Malaysia	0	0	0	72	11
Mexico	-2	-20	-1	-833	-152
Netherlands	1	4	0	-106	-509
Norway	—	0	0	-13	-30
Oman	—	0	—	-2	-2
Panama	—	-1	—	-117	-162
Portugal	—	0	—	13	-11
Puerto Rico	0	0	—	-9	-9
Qatar	—	18	—	18	18
Russia	—	—	—	—	—
Spain	—	0	—	-53	-186
Sweden	—	0	—	-41	-75
Trinidad and Tobago	—	0	—	-6	11
United Kingdom	0	0	—	1	-333
Vietnam	—	0	0	0	0
Virgin Islands, U.S.	0	0	—	-44	-44
Yemen	—	0	—	0	0
Other	4	-12	-1	-849	-1,330
Total	48	-7	-2	-3,667	-1,430
Persian Gulf⁴	0	24	0	223	872

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,055	-6	-	238	-	-16	-16	0	37	37
Algeria	81	-	-	43	-	-	-	-	4	4
Angola	32	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	265	-	-	109	-	-	-	-	-	-
Kuwait	39	-	-	-	-	0	0	0	-	0
Libya	76	-	-	-	-	-	-	-	-	-
Nigeria	122	-14	-	-	-	-16	-16	-	9	9
Saudi Arabia	440	-	-	73	-	0	0	-	24	24
United Arab Emirates	-	-	-	14	-	0	0	0	-	0
Venezuela	-	-	-	0	-	-	-	-	-	-
Non-OPEC	1,092	-2,187	17	63	-	-883	-883	145	225	369
Argentina	101	-	-	3	-	-10	-10	-	10	10
Aruba	-	-	-	0	-	-2	-2	-	-	-
Australia	-	0	-	0	-	-	-	0	0	0
Bahamas	-	-1	-	0	-	-61	-61	10	-15	-5
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-29	-	13	-	-	-	0	2	2
Brazil	151	-17	-	-34	-	-43	-43	-	1	1
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,390	-90	17	-57	-	4	4	69	30	99
Chad	-	-	-	-	-	-	-	-	-	-
China	-341	-263	-	0	-	-	-	-	0	0
Colombia	188	-5	-	-43	-	-73	-73	-	-	-
Denmark	-	-	-	-	-	-	-	0	0	0
Dominican Republic	-33	-40	-	0	-	-29	-29	-	-	-
Ecuador	159	-54	-	38	-	-41	-41	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-25	-	-	-	-	-	-	-	20	20
France	-201	-35	-	0	-	5	5	-	22	22
Germany	-110	-	-	6	-	2	2	1	1	2
Guatemala	-	-14	-	0	-	-54	-54	-	-	-
Honduras	-	-19	-	-	-	-14	-14	-	0	0
India	-623	-127	-	0	-	-	-	-	-	-
Indonesia	-	-82	-	0	-	-	-	-	-	-
Italy	-125	-3	-	5	-	0	0	5	26	31
Japan	-	-511	-	-37	-	5	5	0	6	6
Korea, South	-513	-114	-	1	-	8	8	-	11	11
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-24	-	-	-	-	7	7	2	1	3
Malaysia	-	-	-	35	-	-	-	-	-	-
Mexico	490	-183	-	69	-	-473	-473	0	-2	-2
Netherlands	-412	-91	-	6	-	13	13	11	15	26
Norway	-106	-44	-	-5	-	18	18	12	4	15
Oman	-	-	-	6	-	-	-	-	-	-
Panama	-115	-8	-	-	-	-31	-31	-	-	-
Portugal	-	-12	-	-	-	-	-	-	-	-
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-166	-36	-	14	-	12	12	3	40	43
Sweden	-	-98	-	3	-	-	-	-	10	10
Trinidad and Tobago	51	0	-	0	-	0	0	-	-	-
United Kingdom	-217	-25	-	22	-	4	4	33	2	35
Vietnam	-	-	-	0	-	0	0	-	-	-
Virgin Islands, U.S.	-	-2	-	-	-	0	0	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-427	-284	0	18	-	-130	-130	-1	41	40
Total	2,147	-2,194	17	301	-	-899	-899	145	262	406
Persian Gulf⁴	744	-	-	195	-	0	0	0	24	24

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total		
OPEC	0	-	-	-	1	-	-	-	1	0	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	0	-	-	-	1	-	-	-	1	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	0	-	-	-	0	-	-	-	0	-	-
Saudi Arabia	0	-	-	-	0	-	-	-	0	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	0	-
Venezuela	-	-	-	-	0	-	-	-	0	-	-
Non-OPEC	-47	23	23	-	-742	-99	-102	-	-942	-1	1
Argentina	-	-	-	-	-26	-	-	-	-26	-	-
Aruba	0	-	-	-	-1	-	-	-	-1	0	-
Australia	0	-	-	-	-	-	-	-	-	-	-
Bahamas	0	-	-	-	-11	-6	-11	-	-28	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	3	-	-	-10	-	-	-	-10	-	-
Brazil	17	-	-	-	-108	-	-4	-	-112	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-38	5	-	-	121	-4	-3	-	114	-1	0
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	-	-	-	0	-	-	-	0	-	-
Colombia	-1	-	-	-	-44	-	-	-	-44	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	0	-	-	-	-6	-	-15	-	-21	0	-
Ecuador	0	-	-	-	-95	-	-	-	-95	0	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	0	-	-	-	-	-	-	-	-	-	-
Germany	-	10	-	-	-	-	-	-	-	-	-
Guatemala	0	-	-	-	0	-21	-6	-	-27	0	-
Honduras	-	-	-	-	-6	-13	-	-	-19	-	-
India	0	-	-	-	0	-	0	-	0	-	-
Indonesia	-	0	-	-	-	-	-	-	-	-	-
Italy	-	5	-	-	-	-	-	-	-	-	-
Japan	0	-	-	-	-	-	-	-	-	0	-
Korea, South	-5	-	-	-	33	-	-	-	33	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	0	-	-	-	0	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-4	0	-	-	-257	-1	0	-	-258	0	-
Netherlands	-4	-	-	-	-26	-	-9	-	-36	0	1
Norway	-1	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	16	-	-	-	16	-	-
Panama	-	-	-	-	-37	-19	-15	-	-71	0	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	0	-	-	-	-4	-	-	-	-4	-	-
Qatar	0	-	-	-	24	-	-	-	24	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	0	-	-	-	-10	-	-8	-	-18	-	-
United Kingdom	-3	-	-	-	-41	-	-9	-	-50	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	0	-	-	-	-27	-	-5	-	-32	0	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-8	0	23	-	-227	-35	-17	-	-277	0	0
Total	-47	23	23	-	-741	-99	-102	-	-942	-1	1
Persian Gulf⁴	0	-	-	-	25	-	-	-	25	0	-

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	23	-	20	-	-	0	-2
Algeria	-	4	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	6	-	-	-	-
Kuwait	-	19	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	0	-
Saudi Arabia	-	-	-	15	-	-	-	-1
United Arab Emirates	-	-	-	-	-	-	0	0
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-	-53	6	98	8	-48	1	-514
Argentina	-	-2	-	-1	-	-5	0	0
Aruba	-	-3	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-11
Bahamas	-	-2	-	-18	-	-	-	-
Bahrain	-	-	-	4	-	-	0	-4
Belgium	-	-	-	15	-	-	-	0
Brazil	-	-16	-	35	-	-	0	-66
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-2
Canada	-	-22	2	-6	3	2	0	-21
Chad	-	-	-	-	-	-	-	-
China	-	10	-	0	-	-	0	-126
Colombia	-	-4	-	18	-	-	0	-
Denmark	-	-	-	-	-	-	0	-
Dominican Republic	-	-4	-	0	-	-	0	-6
Ecuador	-	-	-	-	-	-	0	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	0	-1
Germany	-	0	-	13	2	-	0	0
Guatemala	-	-2	-	-	-	-	-	-
Honduras	-	-2	-	-	-	-	0	-10
India	-	-	-	-1	-	-15	0	-54
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	-	-	-	0	-14
Japan	-	9	-	0	-	-	0	-37
Korea, South	-	92	4	-9	-	-	0	-9
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	4	-	-	1	-9
Mexico	-	-20	-	69	1	-1	-1	-66
Netherlands	-	-	-	-8	-	-4	0	0
Norway	-	-	-	-	-	-	0	-3
Oman	-	-	-	-	-	-	-	0
Panama	-	-17	-	-8	-	-	-	-
Portugal	-	-	-	-	-	-	0	-
Puerto Rico	-	0	-	0	-	-	0	-
Qatar	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	0	-1
Sweden	-	-	-	7	-	-	-	-
Trinidad and Tobago	-	0	-	-	-	-	0	-
United Kingdom	-	-	-	0	0	-	0	-
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-6	-	-11	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-64	0	-5	2	-25	1	-74
Total	-	-29	6	119	8	-48	1	-516
Persian Gulf⁴	-	19	-	24	-	-	0	-5

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	—	-5	0	291	1,346
Algeria	—	0	—	51	133
Angola	—	0	—	0	32
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—
Gabon	—	—	—	—	—
Iran	—	—	—	—	—
Iraq	—	0	—	115	380
Kuwait	—	0	—	20	59
Libya	—	0	—	0	76
Nigeria	—	-4	—	-26	96
Saudi Arabia	—	1	—	110	550
United Arab Emirates	—	-1	0	12	12
Venezuela	—	0	—	0	0
Non-OPEC	37	-42	-2	-4,075	-2,982
Argentina	-2	-3	—	-36	65
Aruba	—	0	—	-6	-6
Australia	0	0	0	-11	-11
Bahamas	0	0	—	-114	-114
Bahrain	—	1	—	1	1
Belgium	—	-10	0	-17	-17
Brazil	0	-6	0	-241	-90
Brunei	—	0	—	0	0
Cameroon	—	—	—	-2	-2
Canada	44	0	0	54	3,444
Chad	—	—	—	—	—
China	0	0	0	-380	-721
Colombia	0	-4	0	-157	30
Denmark	—	0	—	0	0
Dominican Republic	0	-1	0	-101	-134
Ecuador	—	-1	0	-152	7
Estonia	—	—	—	—	—
Finland	—	0	—	20	-5
France	—	-1	—	-10	-211
Germany	0	0	0	34	-76
Guatemala	0	0	—	-97	-97
Honduras	—	0	—	-63	-63
India	0	-1	0	-198	-820
Indonesia	0	0	0	-82	-82
Italy	—	1	—	24	-101
Japan	0	0	0	-566	-566
Korea, South	0	0	0	12	-501
Latvia	—	0	—	0	0
Lithuania	—	—	—	10	-14
Malaysia	0	0	0	31	31
Mexico	-3	-20	-1	-893	-403
Netherlands	0	4	0	-94	-506
Norway	—	0	—	-19	-126
Oman	—	—	—	23	23
Panama	—	-1	0	-136	-251
Portugal	—	—	—	-12	-12
Puerto Rico	0	-1	—	-5	-5
Qatar	0	12	—	36	36
Russia	—	—	—	—	—
Spain	5	0	—	37	-129
Sweden	—	0	—	-78	-78
Trinidad and Tobago	—	0	0	-18	33
United Kingdom	—	0	0	-15	-232
Vietnam	—	0	—	0	0
Virgin Islands, U.S.	0	0	—	-52	-52
Yemen	—	—	—	—	—
Other	-7	-11	-1	-802	-1,227
Total	37	-47	-2	-3,784	-1,637
Persian Gulf⁴	0	13	0	294	1,038

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2022
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,060	-8	-	157	-	-9	-9	-	29	29
Algeria	5	-	-	38	-	0	0	-	-	-
Angola	4	-	-	2	-	-	-	-	8	8
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	276	0	-	49	-	-	-	-	-	-
Kuwait	47	0	-	-	-	-	-	-	-	-
Libya	93	-	-	0	-	0	0	-	-	-
Nigeria	134	-8	-	0	-	-9	-9	-	-	-
Saudi Arabia	500	-	-	83	-	-	-	-	20	20
United Arab Emirates	-	0	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-15	-	0	0	-	-	-
Non-OPEC	1,168	-2,369	16	78	-	-834	-834	179	206	385
Argentina	60	0	-	0	-	-8	-8	-	10	10
Aruba	-	0	-	-	-	-2	-2	-	-	-
Australia	-	-18	-	0	-	-	-	-	-	-
Bahamas	-	-1	-	-	-	38	38	17	-11	6
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-81	-	15	-	0	0	-	8	8
Brazil	110	-39	-	-18	-	-32	-32	0	1	1
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,248	-80	16	-56	-	1	1	80	26	106
Chad	-	-	-	-	-	-	-	-	-	-
China	-201	-348	-	0	-	-	-	-	-	-
Colombia	197	-3	-	-22	-	-43	-43	-	-	-
Denmark	-90	-	-	8	-	-	-	-	3	3
Dominican Republic	-16	-38	-	-1	-	-29	-29	0	-	0
Ecuador	140	-35	-	35	-	-39	-39	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-2	-	-	-	-	-	-	-	19	19
France	-180	-38	-	7	-	14	14	-	7	7
Germany	-40	-	-	0	-	-	-	-	2	2
Guatemala	-	-7	-	-	-	-61	-61	-	-	-
Honduras	-	-20	-	-	-	-20	-20	-	-	-
India	-205	-94	-	-1	-	0	0	-	19	19
Indonesia	-	-87	-	0	-	-	-	-	-	-
Italy	-153	-19	-	1	-	0	0	-	19	19
Japan	-	-497	-	-11	-	0	0	-	10	10
Korea, South	-331	-124	-	-14	-	10	10	0	5	5
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	-	47	-	-	-	-	0	0
Mexico	576	-213	-	80	-	-453	-453	0	-34	-34
Netherlands	-490	-52	-	-21	-	-9	-9	21	12	33
Norway	-107	-31	-	-4	-	10	10	-	21	21
Oman	-	-	-	3	-	-	-	-	-	-
Panama	-55	-12	-	-	-	-28	-28	-	0	0
Portugal	-26	-36	-	-	-	-	-	-	18	18
Puerto Rico	-	0	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-130	-31	-	-1	-	-	-	-	20	20
Sweden	-58	-69	-	-3	-	0	0	-	20	20
Trinidad and Tobago	63	0	-	-	-	-11	-11	-	-	-
United Kingdom	-475	-32	-	10	-	4	4	62	8	70
Vietnam	-	-	-	0	-	-	-	-	-	-
Virgin Islands, U.S.	-	0	-	0	-	-26	-26	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-667	-364	0	24	-	-150	-150	-1	23	22
Total	2,228	-2,377	16	235	-	-843	-843	179	234	413
Persian Gulf⁴	823	0	-	132	-	-	-	-	20	20

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Biofuels				Distillate Fuel Oil					Kerosene	Finished Aviation Gasoline	
	Fuel Ethanol	Biodiesel	Renewable Diesel Fuel ²	Other Biofuels ^{2,3}	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total			
OPEC	0	—	—	—	—	—	—	—	—	—	3	3
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	0	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	3	3
Venezuela	0	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	-54	13	22	2	-926	-107	-101	—	-1,135	-16	—	1
Argentina	0	0	—	—	-37	-10	—	—	-47	—	—	—
Aruba	—	—	—	—	0	—	—	—	0	0	—	—
Australia	0	—	—	—	0	—	—	—	0	—	—	—
Bahamas	—	—	—	—	-12	—	-9	—	-21	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	0	—	—	—	-19	—	—	—	-19	—	—	—
Brazil	0	0	—	—	-133	-4	—	—	-137	-15	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	-36	-6	—	—	161	-24	-3	—	134	0	0	0
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	0	—	—	—	0	—	—	—	0	—	—	—
Colombia	-1	—	—	—	-10	—	—	—	-10	—	—	—
Denmark	—	—	—	—	-17	—	—	—	-17	—	—	—
Dominican Republic	0	—	—	—	-21	—	-18	—	-39	0	—	—
Ecuador	0	—	—	—	-70	-4	—	—	-74	0	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	2	—	—	—	—	—	—	—	—
France	0	—	—	—	-41	—	—	—	-41	—	—	—
Germany	0	14	—	—	0	—	—	—	0	—	—	—
Guatemala	0	—	—	—	-48	-9	—	—	-58	0	—	—
Honduras	—	—	—	—	-20	-4	—	—	-25	0	—	—
India	0	—	—	—	28	3	—	—	31	0	—	—
Indonesia	0	0	—	—	—	—	—	—	—	—	—	—
Italy	—	1	—	—	—	—	—	—	—	—	—	—
Japan	0	—	—	—	0	—	—	—	0	—	—	—
Korea, South	-3	4	—	—	0	—	—	—	0	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	0	—	—	—	—	—	—	—	—	—	—	—
Mexico	-3	—	—	—	-293	-3	0	—	-296	0	—	—
Netherlands	0	—	—	—	-67	-3	-3	—	-73	—	—	1
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	0	—	—	—	0	—	—	—
Panama	—	—	—	—	-64	-14	-12	—	-89	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	0	0	—	—	0	—	—	—	0	—	—	—
Qatar	0	—	—	—	5	—	—	—	5	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	0	—	—	—	0	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	-4	—	—	-4	—	—	—
United Kingdom	0	—	—	—	-51	—	—	—	-51	0	—	—
Vietnam	-2	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	0	—	—	—	-7	—	-31	—	-38	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	-9	0	22	0	-210	-31	-25	—	-266	-1	0	0
Total	-54	13	22	2	-926	-107	-101	—	-1,135	-12	—	4
Persian Gulf⁴	0	—	—	—	5	—	—	—	5	3	—	3

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks		Waxes	Petroleum Coke
					Naphtha	Other Oils		
OPEC	-	13	-	0	-	-	0	-4
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	1	-	-	-	-
Kuwait	-	13	-	-	-	-	0	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	0	-	2	-	-	0	0
United Arab Emirates	-	-	-	-3	-	-	0	-4
Venezuela	-	0	-	-	-	-	-	-
Non-OPEC	-	-72	11	46	22	-19	1	-550
Argentina	-	-	-	9	-	-2	0	7
Aruba	-	-3	-	-	-	-	-	-
Australia	-	-	-	-	-	-	0	-5
Bahamas	-	-4	-	-13	-	-	-	-
Bahrain	-	-	-	1	-	-	-	-
Belgium	-	-	-	-	-	-	-	-4
Brazil	-	-13	-	24	-	-	0	-30
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-	-18	3	-2	4	2	0	-5
Chad	-	-	-	-	-	-	-	-
China	-	-	-	0	-	-	0	-121
Colombia	-	-	-	4	-	-	0	0
Denmark	-	-	-	-	-	-	-	-6
Dominican Republic	-	-4	-	-	-	-	-	-
Ecuador	-	-	-	3	-	-	0	-6
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-
France	-	-	-	-	-	0	0	-
Germany	-	-	1	-	-	-	0	-
Guatemala	-	-5	-	-	-	-	0	-7
Honduras	-	-2	-	0	-	-	-	-8
India	-	6	-	-4	15	-3	0	-73
Indonesia	-	-	-	-	-	-	0	-
Italy	-	-	-	9	2	-2	0	-24
Japan	-	-	1	0	-	-	0	-70
Korea, South	-	81	-	-9	-	-	0	-9
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	-	-	-	0	-	-	1	-8
Mexico	-	-72	-	75	1	-3	0	-41
Netherlands	-	-	5	-	-	-	0	-14
Norway	-	-	-	-	-	-	-	-1
Oman	-	-	-	-	-	-	-	-9
Panama	-	-11	-	-27	-	-	-	-6
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	0	-
Qatar	-	4	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	0	-15
Sweden	-	-	-	-	-	-	0	0
Trinidad and Tobago	-	-4	-	-	-	-	-	-
United Kingdom	-	-	0	10	-	-	0	0
Vietnam	-	-	-	-	-	-	0	-
Virgin Islands, U.S.	-	-	-	-15	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	-	-27	1	-19	0	-11	0	-95
Total	-	-58	11	45	22	-19	1	-555
Persian Gulf⁴	-	17	-	1	-	-	0	-4

See footnotes at end of table.

Table 33. Net Imports of Crude Oil and Petroleum Products into the United States by Country, December 2022
(Thousand Barrels per Day) — Continued

Country of Origin	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	—	5	0	189	1,249
Algeria	—	—	—	38	43
Angola	—	—	—	10	15
Congo (Brazzaville)	—	—	—	—	—
Equatorial Guinea	—	0	—	0	0
Gabon	—	0	—	0	0
Iran	—	—	—	—	—
Iraq	—	0	—	50	326
Kuwait	—	0	0	13	61
Libya	—	0	—	0	93
Nigeria	—	0	—	-16	117
Saudi Arabia	—	0	—	105	605
United Arab Emirates	—	6	—	4	4
Venezuela	—	0	—	-15	-15
Non-OPEC	37	-9	-1	-4,426	-3,258
Argentina	0	-2	—	-34	27
Aruba	—	0	—	-5	-5
Australia	-1	0	0	-25	-25
Bahamas	0	0	0	4	4
Bahrain	—	1	—	2	2
Belgium	—	-2	0	-83	-83
Brazil	-2	-7	0	-268	-158
Brunei	—	—	—	—	—
Cameroon	—	0	—	0	0
Canada	57	1	0	121	3,368
Chad	—	—	—	—	—
China	0	0	0	-470	-671
Colombia	0	-4	0	-79	118
Denmark	—	0	—	-11	-101
Dominican Republic	-1	0	—	-113	-129
Ecuador	0	-3	—	-118	21
Estonia	—	—	—	—	—
Finland	—	0	—	20	18
France	—	0	0	-51	-231
Germany	0	0	—	17	-22
Guatemala	—	0	—	-138	-138
Honduras	-1	0	0	-76	-76
India	0	0	0	-105	-309
Indonesia	—	3	—	-84	-84
Italy	—	0	0	-12	-164
Japan	0	-1	0	-566	-566
Korea, South	0	18	0	-43	-374
Latvia	—	0	—	0	0
Lithuania	—	0	0	0	0
Malaysia	0	0	0	40	40
Mexico	-5	-16	-1	-983	-408
Netherlands	0	2	0	-127	-617
Norway	—	0	—	-5	-112
Oman	—	0	—	-6	-6
Panama	0	0	—	-174	-229
Portugal	—	0	—	-18	-44
Puerto Rico	0	0	—	-1	-1
Qatar	—	10	—	19	19
Russia	—	—	—	—	—
Spain	—	0	—	-26	-156
Sweden	—	0	—	-51	-109
Trinidad and Tobago	—	-1	0	-19	44
United Kingdom	0	0	—	11	-464
Vietnam	—	0	—	-2	-2
Virgin Islands, U.S.	—	0	—	-79	-79
Yemen	—	—	—	—	—
Other	-10	-8	0	-888	-1,556
Total	37	-3	-1	-4,237	-2,009
Persian Gulf⁴	—	17	0	194	1,017

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization. Quantities are gross imports because exports are excluded from EIA data.

³ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Includes gross imports of refinery olefins, renewable diesel, other biofuels, and petrochemical feedstocks. See footnote 2.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

² EIA is unable to report exports of renewable diesel fuel and other biofuels because of limitations of product classification information available in export data from the U.S. Census Bureau.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, January 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,035	110,478	809,576	23,746	51,196	1,002,031
Refinery	5,527	13,290	43,014	2,542	22,146	86,519
Tank Farms and Pipelines (Includes Cushing, OK)	1,508	97,188	178,245	21,204	23,009	321,154
Cushing, Oklahoma	--	28,914	--	--	--	28,914
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	588,317	--	--	588,317
Alaskan In Transit	--	--	--	--	6,041	6,041
Total Stocks, All Oils (excluding Crude Oil)²	144,947	181,579	331,464	25,780	92,619	776,389
Refinery	12,424	49,628	116,674	11,128	48,104	237,958
Bulk Terminal	104,103	92,819	156,547	7,854	39,432	400,755
Pipeline	28,168	38,078	57,353	6,638	4,847	135,084
Natural Gas Processing Plant	252	1,054	890	160	236	2,592
Natural Gas Liquids	7,787	40,282	101,735	6,156	3,061	159,020
Refinery	275	3,048	4,388	311	1,495	9,517
Bulk Terminal	5,280	18,695	72,610	1,149	1,330	99,063
Pipeline	1,980	17,485	23,847	4,536	--	47,848
Natural Gas Processing Plant	252	1,054	890	160	236	2,592
Ethane	788	6,062	46,427	1,313	--	54,590
Refinery	--	--	20	--	--	20
Bulk Terminal	270	2,247	37,145	--	--	39,662
Pipeline	518	3,721	9,174	1,309	--	14,722
Natural Gas Processing Plant	--	94	88	4	--	186
Propane	5,412	15,469	23,613	2,461	1,064	48,019
Refinery	78	816	854	30	99	1,877
Bulk Terminal	3,966	10,369	15,606	758	869	31,568
Pipeline	1,251	3,841	7,026	1,610	--	13,728
Natural Gas Processing Plant	117	443	127	63	96	846
Normal Butane	1,244	6,716	16,067	1,184	1,627	26,838
Refinery	142	1,362	2,293	130	1,081	5,008
Bulk Terminal	924	3,955	11,126	386	457	16,848
Pipeline	125	1,220	2,541	642	--	4,528
Natural Gas Processing Plant	53	179	107	26	89	454
Isobutane	111	2,213	5,986	478	339	9,127
Refinery	55	547	874	136	314	1,926
Bulk Terminal	--	691	3,798	--	--	4,489
Pipeline	45	858	1,220	325	--	2,448
Natural Gas Processing Plant	11	117	94	17	25	264
Natural Gasoline	232	9,822	9,642	720	31	20,446
Refinery	--	323	347	15	1	686
Bulk Terminal	120	1,433	4,935	5	4	6,496
Pipeline	41	7,845	3,886	650	--	12,422
Natural Gas Processing Plant	71	221	474	50	26	842
Refinery Olefins	276	475	933	139	34	1,857
Refinery	276	475	933	139	34	1,857
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	102	425	659	3	15	1,204
Refinery	102	425	659	3	15	1,204
Normal Butylene	128	50	260	136	19	593
Refinery	128	50	260	136	19	593
Isobutylene	46	0	14	0	0	60
Refinery	46	0	14	0	0	60
Other Hydrocarbons	--	14	--	--	--	14
Refinery	--	14	--	--	--	14
Biofuels (Including Fuel Ethanol)²	8,666	12,181	6,150	489	5,851	33,338
Refinery	334	136	1,070	143	805	2,488
Bulk Terminal	8,332	12,045	5,080	341	5,046	30,845
Pipeline	--	--	--	5	--	5
Fuel Ethanol	7,401	10,741	4,391	421	2,921	25,874
Refinery	326	103	977	131	138	1,675
Bulk Terminal	7,075	10,638	3,414	285	2,783	24,194
Pipeline	--	--	--	5	--	5
Biodiesel	1,257	1,355	1,140	17	775	4,544
Refinery	8	33	93	12	1	147
Bulk Terminal	1,249	1,322	1,047	5	774	4,397
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	8	50	533	52	2,068	2,710
Refinery	--	--	--	--	666	666
Bulk Terminal	8	50	533	52	1,402	2,044
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	36	87	--	88	211
Refinery	--	--	--	--	--	--
Bulk Terminal	--	36	87	--	88	211
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, January 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,786	13,095	44,772	2,779	18,420	82,852
Naphthas and Lighter	781	3,953	10,416	559	3,544	19,253
Refinery	770	3,939	9,407	559	3,130	17,805
Bulk Terminal	11	14	1,009	—	414	1,448
Kerosene and Light Gas Oils	334	2,653	8,355	531	2,851	14,724
Refinery	334	2,653	6,643	531	2,741	12,902
Bulk Terminal	—	—	1,712	—	110	1,822
Heavy Gas Oils	2,001	4,220	19,474	1,280	9,061	36,036
Refinery	1,977	4,133	17,843	1,280	8,311	33,544
Bulk Terminal	24	87	1,631	—	750	2,492
Residuum	670	2,269	6,527	409	2,964	12,839
Refinery	670	2,269	6,216	409	2,964	12,528
Bulk Terminal	—	—	311	—	—	311
Motor Gasoline Blending Components²	62,908	54,111	79,354	7,246	30,073	233,692
Refinery	3,533	14,555	26,773	3,652	13,784	62,297
Bulk Terminal	47,264	31,178	34,993	2,642	13,468	129,545
Pipeline	12,111	8,378	17,588	952	2,821	41,850
Reformulated - RBOB	18,929	5,629	11,185	—	15,410	51,153
Refinery	1,265	1,293	1,726	—	4,956	9,240
Bulk Terminal	14,407	3,624	5,443	—	8,924	32,398
Pipeline	3,257	712	4,016	—	1,530	9,515
Conventional	43,979	48,482	68,169	7,246	14,663	182,539
Refinery	2,268	13,262	25,047	3,652	8,828	53,057
Bulk Terminal	32,857	27,554	29,550	2,642	4,544	97,147
Pipeline	8,854	7,666	13,572	952	1,291	32,335
CBOB	31,065	40,434	37,350	5,727	7,810	122,386
Refinery	420	6,700	10,798	2,136	2,483	22,537
Bulk Terminal	21,888	26,165	13,382	2,639	4,036	68,110
Pipeline	8,757	7,569	13,170	952	1,291	31,739
GTAB	1,246	—	—	—	—	1,246
Refinery	—	—	—	—	—	—
Bulk Terminal	1,246	—	—	—	—	1,246
Pipeline	—	—	—	—	—	—
Other	11,668	8,048	30,819	1,519	6,853	58,907
Refinery	1,848	6,562	14,249	1,516	6,345	30,520
Bulk Terminal	9,723	1,389	16,168	3	508	27,791
Pipeline	97	97	402	—	—	596
Aviation Gasoline Blending Components	—	—	31	—	—	31
Refinery	—	—	31	—	—	31
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,633	4,651	7,032	1,664	2,109	18,089
Refinery	22	845	3,201	925	686	5,679
Bulk Terminal	762	1,384	3,421	528	1,329	7,424
Pipeline	1,849	2,422	410	211	94	4,986
Reformulated	4	—	—	—	14	18
Refinery	—	—	—	—	14	14
Bulk Terminal	4	—	—	—	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	4	—	—	—	14	18
Refinery	—	—	—	—	14	14
Bulk Terminal	4	—	—	—	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,629	4,651	7,032	1,664	2,095	18,071
Refinery	22	845	3,201	925	672	5,665
Bulk Terminal	758	1,384	3,421	528	1,329	7,420
Pipeline	1,849	2,422	410	211	94	4,986
Conventional (Blended with Fuel Ethanol)	—	167	—	51	12	230
Refinery	—	—	—	51	—	51
Bulk Terminal	—	167	—	—	12	179
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	167	—	51	—	218
Refinery	—	—	—	51	—	51
Bulk Terminal	—	167	—	—	—	167
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	12	12
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	12	12
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,629	4,484	7,032	1,613	2,083	17,841
Refinery	22	845	3,201	874	672	5,614
Bulk Terminal	758	1,217	3,421	528	1,317	7,241
Pipeline	1,849	2,422	410	211	94	4,986

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, January 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	249	171	647	9	299	1,375
Refinery	—	53	451	9	202	715
Bulk Terminal	249	118	196	—	97	660
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,574	7,336	11,713	862	10,098	38,583
Refinery	546	2,054	5,190	325	3,639	11,754
Bulk Terminal	4,243	3,112	3,083	404	5,681	16,523
Pipeline	3,785	2,170	3,440	133	778	10,306
Kerosene	1,300	180	273	2	18	1,773
Refinery	73	145	28	2	1	249
Bulk Terminal	1,126	35	117	—	17	1,295
Pipeline	101	—	128	—	—	229
Distillate Fuel Oil²	35,701	32,632	40,004	4,145	12,800	125,282
Refinery	1,245	6,296	14,451	1,712	4,853	28,557
Bulk Terminal	26,114	18,713	13,613	1,632	6,793	66,865
Pipeline	8,342	7,623	11,940	801	1,154	29,860
15 ppm sulfur and Under	32,779	31,924	34,525	3,929	11,852	115,009
Refinery	1,002	5,845	11,746	1,559	4,266	24,418
Bulk Terminal	23,817	18,647	11,047	1,569	6,506	61,586
Pipeline	7,960	7,432	11,732	801	1,080	29,005
Greater than 15 ppm to 500 ppm sulfur	841	308	1,335	173	337	2,994
Refinery	83	74	433	110	300	1,000
Bulk Terminal	755	48	773	63	1	1,640
Pipeline	3	186	129	—	36	354
Greater than 500 ppm sulfur	2,081	400	4,144	43	611	7,279
Refinery	160	377	2,272	43	287	3,139
Bulk Terminal	1,542	18	1,793	—	286	3,639
Pipeline	379	5	79	—	38	501
Residual Fuel Oil	4,254	1,039	16,553	223	5,001	27,070
Refinery	271	855	3,882	223	2,436	7,667
Bulk Terminal	3,983	184	12,671	—	2,565	19,403
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	400	63	1,191	23	1,023	2,700
Refinery	21	56	103	23	37	240
Bulk Terminal	379	7	1,088	—	986	2,460
0.31% to 1.00% Sulfur	1,323	220	4,493	23	708	6,767
Refinery	89	207	783	23	473	1,575
Bulk Terminal	1,234	13	3,710	—	235	5,192
Greater than 1.00% Percent Sulfur	2,531	756	10,869	177	3,270	17,603
Refinery	161	592	2,996	177	1,926	5,852
Bulk Terminal	2,370	164	7,873	—	1,344	11,751
Petrochemical Feedstocks	—	571	2,012	—	—	2,583
Refinery	—	571	2,012	—	—	2,583
Naphtha for Petrochemical Feedstock Use	—	458	1,360	—	—	1,818
Other Oils for Petrochemical Feedstock Use	—	113	652	—	—	765
Special Naphthas	19	124	1,214	—	46	1,403
Refinery	10	51	1,205	—	46	1,312
Bulk Terminal	9	73	9	—	—	91
Lubricants	1,577	733	8,923	—	1,111	12,344
Refinery	1,010	241	5,724	—	832	7,807
Bulk Terminal	567	492	3,199	—	279	4,537
Waxes	232	38	269	—	—	539
Refinery	232	38	269	—	—	539
Petroleum Coke	—	2,548	4,324	201	1,280	8,353
Refinery	—	2,548	4,324	201	1,280	8,353
Asphalt and Road Oil	6,936	11,265	4,879	1,846	2,335	27,261
Refinery	797	4,577	2,047	688	782	8,891
Bulk Terminal	6,139	6,688	2,832	1,158	1,553	18,370
Miscellaneous Products	49	132	646	19	83	929
Refinery	49	132	586	19	83	869
Bulk Terminal	—	—	60	—	—	60
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	151,982	292,057	1,141,040	49,526	143,815	1,778,420

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

3 Includes stocks held at biofuel production facilities.

4 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, February 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,823	102,418	803,457	24,060	49,640	987,398
Refinery	6,330	12,412	42,096	2,521	21,854	85,213
Tank Farms and Pipelines (Includes Cushing, OK)	1,493	90,006	182,489	21,539	24,523	320,050
Cushing, Oklahoma	--	22,705	--	--	--	22,705
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	578,872	--	--	578,872
Alaskan In Transit	--	--	--	--	3,263	3,263
Total Stocks, All Oils (excluding Crude Oil)²	137,730	179,053	325,585	25,188	89,533	757,088
Refinery	11,465	48,235	119,042	10,866	47,392	237,000
Bulk Terminal	97,711	91,398	148,417	7,486	37,108	382,119
Pipeline	28,278	38,126	57,112	6,655	4,879	135,050
Natural Gas Processing Plant	276	1,294	1,014	181	154	2,919
Natural Gas Liquids	6,058	34,485	89,798	5,819	2,921	139,081
Refinery	334	2,579	3,516	336	1,406	8,171
Bulk Terminal	3,485	13,035	61,991	793	1,361	80,665
Pipeline	1,963	17,577	23,277	4,509	--	47,326
Natural Gas Processing Plant	276	1,294	1,014	181	154	2,919
Ethane	780	5,954	41,006	1,396	--	49,136
Refinery	--	--	22	--	--	22
Bulk Terminal	257	2,207	32,481	--	--	34,945
Pipeline	523	3,600	8,463	1,391	--	13,977
Natural Gas Processing Plant	--	147	40	5	--	192
Propane	3,783	10,456	20,617	2,136	742	37,734
Refinery	78	593	538	39	105	1,353
Bulk Terminal	2,367	5,401	12,756	453	612	21,589
Pipeline	1,188	3,952	7,175	1,565	--	13,880
Natural Gas Processing Plant	150	510	148	79	25	912
Normal Butane	1,166	5,532	14,741	1,169	1,716	24,324
Refinery	191	981	1,922	156	879	4,129
Bulk Terminal	767	3,163	9,858	336	746	14,870
Pipeline	167	1,161	2,732	639	--	4,699
Natural Gas Processing Plant	41	227	229	38	91	626
Isobutane	123	2,183	5,838	450	430	9,024
Refinery	65	613	887	125	419	2,109
Bulk Terminal	--	601	3,498	--	--	4,099
Pipeline	45	830	1,379	309	--	2,563
Natural Gas Processing Plant	13	139	74	16	11	253
Natural Gasoline	206	10,360	7,596	668	33	18,863
Refinery	--	392	147	16	3	558
Bulk Terminal	94	1,663	3,398	4	3	5,162
Pipeline	40	8,034	3,528	605	--	12,207
Natural Gas Processing Plant	72	271	523	43	27	936
Refinery Olefins	196	405	1,082	244	70	1,997
Refinery	196	405	1,082	244	70	1,997
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	82	316	762	2	16	1,178
Refinery	82	316	762	2	16	1,178
Normal Butylene	107	89	309	242	54	801
Refinery	107	89	309	242	54	801
Isobutylene	7	0	11	0	0	18
Refinery	7	0	11	0	0	18
Other Hydrocarbons	--	18	--	--	--	18
Refinery	--	18	--	--	--	18
Biofuels (Including Fuel Ethanol)²	8,604	12,700	6,405	460	5,848	34,017
Refinery	161	133	1,040	140	968	2,442
Bulk Terminal	8,443	12,567	5,365	316	4,880	31,571
Pipeline	--	--	--	4	--	4
Fuel Ethanol	7,638	11,282	4,446	384	2,771	26,521
Refinery	153	107	914	129	135	1,438
Bulk Terminal	7,485	11,175	3,532	251	2,636	25,079
Pipeline	--	--	--	4	--	4
Biodiesel	966	1,337	1,231	17	906	4,457
Refinery	8	26	126	11	1	172
Bulk Terminal	958	1,311	1,105	6	905	4,285
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	48	571	59	2,070	2,748
Refinery	--	--	--	--	832	832
Bulk Terminal	--	48	571	59	1,238	1,916
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	33	157	--	101	290
Refinery	--	--	--	--	--	--
Bulk Terminal	--	33	157	--	101	290
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, February 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,225	12,211	48,357	2,781	18,764	85,338
Naphthas and Lighter	786	3,280	11,193	600	3,673	19,532
Refinery	765	3,259	9,905	600	3,239	17,768
Bulk Terminal	21	21	1,288	—	434	1,764
Kerosene and Light Gas Oils	258	2,336	8,255	422	3,589	14,860
Refinery	258	2,336	6,502	422	3,492	13,010
Bulk Terminal	—	—	1,753	—	97	1,850
Heavy Gas Oils	1,559	4,401	21,349	1,427	8,748	37,484
Refinery	1,535	4,267	19,366	1,427	8,285	34,880
Bulk Terminal	24	134	1,983	—	463	2,604
Residuum	622	2,194	7,560	332	2,754	13,462
Refinery	622	2,194	7,258	332	2,754	13,160
Bulk Terminal	—	—	302	—	—	302
Motor Gasoline Blending Components²	58,716	56,343	82,001	6,721	27,908	231,689
Refinery	3,236	14,312	27,167	3,375	13,018	61,108
Bulk Terminal	42,871	32,352	37,052	2,344	12,161	126,780
Pipeline	12,609	9,679	17,782	1,002	2,729	43,801
Reformulated - RBOB	17,604	6,563	10,999	—	13,355	48,521
Refinery	1,060	1,082	1,496	—	4,367	8,005
Bulk Terminal	14,253	4,406	5,049	—	7,411	31,119
Pipeline	2,291	1,075	4,454	—	1,577	9,397
Conventional	41,112	49,779	71,002	6,721	14,553	183,167
Refinery	2,176	13,230	25,671	3,375	8,651	53,103
Bulk Terminal	28,618	27,945	32,003	2,344	4,750	95,660
Pipeline	10,318	8,604	13,328	1,002	1,152	34,404
CBOB	28,096	40,990	38,057	5,128	7,913	120,184
Refinery	447	6,389	11,081	1,785	2,604	22,306
Bulk Terminal	17,670	26,044	13,760	2,341	4,157	63,972
Pipeline	9,979	8,557	13,216	1,002	1,152	33,906
GTAB	1,533	—	—	—	—	1,533
Refinery	—	—	—	—	—	—
Bulk Terminal	1,533	—	—	—	—	1,533
Pipeline	—	—	—	—	—	—
Other	11,483	8,789	32,945	1,593	6,640	61,450
Refinery	1,729	6,841	14,590	1,590	6,047	30,797
Bulk Terminal	9,415	1,901	18,243	3	593	30,155
Pipeline	339	47	112	—	—	498
Aviation Gasoline Blending Components	—	—	37	—	—	37
Refinery	—	—	37	—	—	37
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	3,168	4,412	7,171	1,581	2,240	18,572
Refinery	23	760	3,687	851	697	6,018
Bulk Terminal	697	1,417	2,974	483	1,454	7,025
Pipeline	2,448	2,235	510	247	89	5,529
Reformulated	5	—	—	—	14	19
Refinery	—	—	—	—	14	14
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	—	14	19
Refinery	—	—	—	—	14	14
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	3,163	4,412	7,171	1,581	2,226	18,553
Refinery	23	760	3,687	851	683	6,004
Bulk Terminal	692	1,417	2,974	483	1,454	7,020
Pipeline	2,448	2,235	510	247	89	5,529
Conventional (Blended with Fuel Ethanol)	—	203	—	51	7	261
Refinery	—	—	—	51	—	51
Bulk Terminal	—	203	—	—	7	210
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	203	—	51	—	254
Refinery	—	—	—	51	—	51
Bulk Terminal	—	203	—	—	—	203
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	7	7
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	7	7
Pipeline	—	—	—	—	—	—
Conventional (Other)	3,163	4,209	7,171	1,530	2,219	18,292
Refinery	23	760	3,687	800	683	5,953
Bulk Terminal	692	1,214	2,974	483	1,447	6,810
Pipeline	2,448	2,235	510	247	89	5,529

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, February 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	211	200	549	9	269	1,238
Refinery	—	68	395	9	186	658
Bulk Terminal	211	132	154	—	83	580
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	9,003	8,352	12,002	670	9,831	39,858
Refinery	574	2,205	5,034	322	3,243	11,378
Bulk Terminal	4,787	3,867	2,800	264	5,692	17,410
Pipeline	3,642	2,280	4,168	84	896	11,070
Kerosene	989	144	329	2	12	1,476
Refinery	48	115	36	2	2	203
Bulk Terminal	867	29	293	—	10	1,199
Pipeline	74	—	—	—	—	74
Distillate Fuel Oil²	32,818	31,707	39,516	4,319	12,250	120,610
Refinery	1,388	6,177	15,423	1,694	4,943	29,625
Bulk Terminal	23,888	19,175	12,718	1,816	6,142	63,739
Pipeline	7,542	6,355	11,375	809	1,165	27,246
15 ppm sulfur and Under	30,652	31,107	34,298	4,105	11,341	111,503
Refinery	1,164	5,836	12,817	1,538	4,384	25,739
Bulk Terminal	22,452	19,109	10,618	1,758	5,856	59,793
Pipeline	7,036	6,162	10,863	809	1,101	25,971
Greater than 15 ppm to 500 ppm sulfur	642	276	1,002	151	312	2,383
Refinery	59	37	394	93	275	858
Bulk Terminal	580	51	513	58	1	1,203
Pipeline	3	188	95	—	36	322
Greater than 500 ppm sulfur	1,524	324	4,216	63	597	6,724
Refinery	165	304	2,212	63	284	3,028
Bulk Terminal	856	15	1,587	—	285	2,743
Pipeline	503	5	417	—	28	953
Residual Fuel Oil	4,702	1,318	17,001	251	4,766	28,038
Refinery	238	1,124	3,764	251	2,388	7,765
Bulk Terminal	4,464	194	13,237	—	2,378	20,273
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	461	100	891	22	614	2,088
Refinery	17	93	49	22	19	200
Bulk Terminal	444	7	842	—	595	1,888
0.31% to 1.00% Sulfur	1,285	238	4,730	38	479	6,770
Refinery	70	222	872	38	226	1,428
Bulk Terminal	1,215	16	3,858	—	253	5,342
Greater than 1.00% Percent Sulfur	2,956	980	11,380	191	3,673	19,180
Refinery	151	809	2,843	191	2,143	6,137
Bulk Terminal	2,805	171	8,537	—	1,530	13,043
Petrochemical Feedstocks	—	612	2,032	—	—	2,644
Refinery	—	612	2,032	—	—	2,644
Naphtha for Petrochemical Feedstock Use	—	498	1,534	—	—	2,032
Other Oils for Petrochemical Feedstock Use	—	114	498	—	—	612
Special Naphthas	21	131	837	—	26	1,015
Refinery	14	79	828	—	26	947
Bulk Terminal	7	52	9	—	—	68
Lubricants	1,549	713	9,204	—	1,063	12,529
Refinery	985	239	5,652	—	805	7,681
Bulk Terminal	564	474	3,552	—	258	4,848
Waxes	233	41	261	—	—	535
Refinery	233	41	261	—	—	535
Petroleum Coke	—	2,884	3,824	204	1,233	8,145
Refinery	—	2,884	3,824	204	1,233	8,145
Asphalt and Road Oil	8,189	12,250	4,835	2,106	2,243	29,623
Refinery	807	4,301	1,898	636	548	8,190
Bulk Terminal	7,382	7,949	2,937	1,470	1,695	21,433
Miscellaneous Products	48	127	344	21	89	629
Refinery	48	127	335	21	89	620
Bulk Terminal	—	—	9	—	—	9
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	145,553	281,471	1,129,042	49,248	139,173	1,744,486

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

3 Includes stocks held at biofuel production facilities.

Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, March 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	6,984	106,991	793,798	25,698	46,797	980,268
Refinery	5,500	13,124	41,286	2,607	18,556	81,073
Tank Farms and Pipelines (Includes Cushing, OK)	1,484	93,867	186,451	23,091	24,249	329,142
Cushing, Oklahoma	--	26,158	--	--	--	26,158
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	566,061	--	--	566,061
Alaskan In Transit	--	--	--	--	3,992	3,992
Total Stocks, All Oils (excluding Crude Oil)²	128,395	171,402	327,178	24,248	88,808	740,031
Refinery	11,820	48,337	116,976	10,276	50,116	237,525
Bulk Terminal	91,435	84,920	151,868	7,138	33,450	368,811
Pipeline	24,884	36,600	57,229	6,640	5,035	130,388
Natural Gas Processing Plant	256	1,545	1,105	194	207	3,307
Natural Gas Liquids	7,034	32,878	92,075	5,848	2,577	140,411
Refinery	396	2,295	4,049	375	1,453	8,568
Bulk Terminal	4,370	11,950	63,843	743	917	81,822
Pipeline	2,012	17,088	23,078	4,536	--	46,714
Natural Gas Processing Plant	256	1,545	1,105	194	207	3,307
Ethane	1,112	6,285	40,615	1,631	--	49,643
Refinery	--	--	17	--	--	17
Bulk Terminal	593	2,214	31,432	--	--	34,239
Pipeline	519	3,861	9,133	1,625	--	15,138
Natural Gas Processing Plant	--	210	33	6	--	249
Propane	4,003	8,937	20,905	1,885	536	36,266
Refinery	86	624	675	51	105	1,541
Bulk Terminal	2,575	4,177	13,399	280	370	20,801
Pipeline	1,211	3,500	6,649	1,465	--	12,825
Natural Gas Processing Plant	131	636	182	89	61	1,099
Normal Butane	1,574	5,402	16,058	1,288	1,562	25,884
Refinery	221	841	2,007	205	935	4,209
Bulk Terminal	1,112	3,358	11,374	460	537	16,841
Pipeline	196	947	2,398	587	--	4,128
Natural Gas Processing Plant	45	256	279	36	90	706
Isobutane	148	2,317	5,906	410	439	9,220
Refinery	89	564	966	107	411	2,137
Bulk Terminal	--	770	3,248	--	--	4,018
Pipeline	45	825	1,544	288	--	2,702
Natural Gas Processing Plant	14	158	148	15	28	363
Natural Gasoline	197	9,937	8,591	634	40	19,398
Refinery	--	266	384	12	2	664
Bulk Terminal	90	1,431	4,390	3	10	5,923
Pipeline	41	7,955	3,354	571	--	11,921
Natural Gas Processing Plant	66	285	463	48	28	890
Refinery Olefins	233	313	915	197	42	1,700
Refinery	233	313	915	197	42	1,700
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	103	291	663	2	12	1,071
Refinery	103	291	663	2	12	1,071
Normal Butylene	104	22	241	195	30	592
Refinery	104	22	241	195	30	592
Isobutylene	26	0	11	0	0	37
Refinery	26	0	11	0	0	37
Other Hydrocarbons	--	9	--	--	--	9
Refinery	--	9	--	--	--	9
Biofuels (Including Fuel Ethanol)²	9,537	12,008	6,906	461	5,478	34,389
Refinery	204	113	1,251	131	907	2,606
Bulk Terminal	9,327	11,895	5,655	325	4,571	31,772
Pipeline	6	--	--	5	--	11
Fuel Ethanol	8,211	10,579	4,913	381	2,616	26,700
Refinery	197	99	1,140	120	181	1,737
Bulk Terminal	8,008	10,480	3,773	256	2,435	24,952
Pipeline	6	--	--	5	--	11
Biodiesel	1,326	1,340	1,258	15	753	4,692
Refinery	7	14	111	11	4	147
Bulk Terminal	1,319	1,326	1,147	4	749	4,545
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	55	576	65	2,009	2,705
Refinery	--	--	--	--	722	722
Bulk Terminal	--	55	576	65	1,287	1,983
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	34	159	--	99	292
Refinery	--	--	--	--	--	--
Bulk Terminal	--	34	159	--	99	292
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, March 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,799	13,229	48,158	2,694	20,187	88,067
Naphthas and Lighter	888	3,873	11,131	633	3,353	19,878
Refinery	881	3,858	9,922	633	2,867	18,161
Bulk Terminal	7	15	1,209	—	486	1,717
Kerosene and Light Gas Oils	440	2,145	8,875	459	3,980	15,899
Refinery	440	2,145	6,080	459	3,886	13,010
Bulk Terminal	—	—	2,795	—	94	2,889
Heavy Gas Oils	1,723	5,071	21,747	1,219	9,513	39,273
Refinery	1,699	5,013	19,378	1,219	8,914	36,223
Bulk Terminal	24	58	2,369	—	599	3,050
Residuum	748	2,140	6,405	383	3,341	13,017
Refinery	748	2,140	6,115	383	3,341	12,727
Bulk Terminal	—	—	290	—	—	290
Motor Gasoline Blending Components²	54,514	52,158	79,971	6,520	28,079	221,242
Refinery	3,141	13,917	26,359	3,282	14,616	61,315
Bulk Terminal	41,177	30,213	35,357	2,176	10,620	119,543
Pipeline	10,196	8,028	18,255	1,062	2,843	40,384
Reformulated - RBOB	15,984	5,890	12,497	—	13,234	47,605
Refinery	858	988	2,172	—	5,177	9,195
Bulk Terminal	12,598	3,841	5,245	—	6,567	28,251
Pipeline	2,528	1,061	5,080	—	1,490	10,159
Conventional	38,530	46,267	67,474	6,520	14,845	173,636
Refinery	2,283	12,929	24,187	3,282	9,439	52,120
Bulk Terminal	28,579	26,371	30,112	2,176	4,053	91,291
Pipeline	7,668	6,967	13,175	1,062	1,353	30,225
CBOB	26,335	37,718	36,128	5,027	7,853	113,061
Refinery	537	6,685	10,364	1,792	2,579	21,957
Bulk Terminal	18,448	24,255	12,729	2,173	3,921	61,526
Pipeline	7,350	6,778	13,035	1,062	1,353	29,578
GTAB	1,083	—	—	—	—	1,083
Refinery	—	—	—	—	—	—
Bulk Terminal	1,083	—	—	—	—	1,083
Pipeline	—	—	—	—	—	—
Other	11,112	8,549	31,346	1,493	6,992	59,492
Refinery	1,746	6,244	13,823	1,490	6,860	30,163
Bulk Terminal	9,048	2,116	17,383	3	132	28,682
Pipeline	318	189	140	—	—	647
Aviation Gasoline Blending Components	—	—	30	—	—	30
Refinery	—	—	30	—	—	30
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,470	4,383	6,995	1,563	1,850	17,260
Refinery	29	849	3,318	848	615	5,659
Bulk Terminal	926	1,106	3,250	507	1,188	6,976
Pipeline	1,515	2,428	427	208	47	4,625
Reformulated	5	—	—	—	26	31
Refinery	—	—	—	—	26	26
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	—	26	31
Refinery	—	—	—	—	26	26
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,465	4,383	6,995	1,563	1,824	17,229
Refinery	29	849	3,318	848	589	5,633
Bulk Terminal	921	1,106	3,250	507	1,188	6,971
Pipeline	1,515	2,428	427	208	47	4,625
Conventional (Blended with Fuel Ethanol)	—	151	—	64	14	228
Refinery	—	—	—	63	—	63
Bulk Terminal	—	151	—	1	14	165
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	150	—	64	—	214
Refinery	—	—	—	63	—	63
Bulk Terminal	—	150	—	1	—	151
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	1	—	—	14	14
Refinery	—	—	—	—	—	—
Bulk Terminal	—	1	—	—	14	14
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,465	4,232	6,995	1,499	1,810	17,001
Refinery	29	849	3,318	785	589	5,570
Bulk Terminal	921	955	3,250	506	1,174	6,806
Pipeline	1,515	2,428	427	208	47	4,625

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, March 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	185	181	573	6	236	1,181
Refinery	—	48	403	6	171	628
Bulk Terminal	185	133	170	—	65	553
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	7,336	7,476	11,833	601	8,361	35,607
Refinery	421	1,993	5,262	270	3,413	11,359
Bulk Terminal	3,647	3,494	3,418	233	4,033	14,825
Pipeline	3,268	1,989	3,153	98	915	9,423
Kerosene	816	116	372	2	13	1,319
Refinery	109	91	26	2	1	229
Bulk Terminal	690	25	325	—	12	1,052
Pipeline	17	—	21	—	—	38
Distillate Fuel Oil²	27,504	29,489	40,705	3,679	13,280	114,658
Refinery	1,371	6,074	16,232	1,550	5,523	30,750
Bulk Terminal	18,263	16,348	12,178	1,398	6,527	54,715
Pipeline	7,870	7,067	12,295	731	1,230	29,193
15 ppm sulfur and Under	25,488	28,790	34,841	3,465	12,149	104,734
Refinery	1,063	5,563	13,267	1,376	4,825	26,094
Bulk Terminal	16,893	16,275	9,734	1,358	6,235	50,496
Pipeline	7,532	6,952	11,840	731	1,089	28,144
Greater than 15 ppm to 500 ppm sulfur	650	272	1,387	163	369	2,841
Refinery	118	111	662	123	287	1,301
Bulk Terminal	531	53	491	40	—	1,115
Pipeline	1	108	234	—	82	425
Greater than 500 ppm sulfur	1,366	427	4,477	51	762	7,083
Refinery	190	400	2,303	51	411	3,355
Bulk Terminal	839	20	1,953	—	292	3,104
Pipeline	337	7	221	—	59	624
Residual Fuel Oil	4,467	1,112	18,256	228	4,032	28,095
Refinery	282	856	3,885	228	1,666	6,917
Bulk Terminal	4,185	256	14,371	—	2,366	21,178
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	364	68	910	27	865	2,234
Refinery	16	61	23	27	36	163
Bulk Terminal	348	7	887	—	829	2,071
0.31% to 1.00% Sulfur	861	196	5,393	24	438	6,912
Refinery	62	157	1,084	24	276	1,603
Bulk Terminal	799	39	4,309	—	162	5,309
Greater than 1.00% Percent Sulfur	3,242	848	11,953	177	2,729	18,949
Refinery	204	638	2,778	177	1,354	5,151
Bulk Terminal	3,038	210	9,175	—	1,375	13,798
Petrochemical Feedstocks	—	546	1,878	—	—	2,424
Refinery	—	546	1,878	—	—	2,424
Naphtha for Petrochemical Feedstock Use	—	453	1,260	—	—	1,713
Other Oils for Petrochemical Feedstock Use	—	93	618	—	—	711
Special Naphthas	31	134	835	—	60	1,060
Refinery	19	75	826	—	60	980
Bulk Terminal	12	59	9	—	—	80
Lubricants	1,341	625	8,504	—	900	11,370
Refinery	826	162	5,243	—	667	6,898
Bulk Terminal	515	463	3,261	—	233	4,472
Waxes	227	39	244	—	—	510
Refinery	227	39	244	—	—	510
Petroleum Coke	—	3,068	3,116	93	1,257	7,534
Refinery	—	3,068	3,116	93	1,257	7,534
Asphalt and Road Oil	8,841	13,531	5,448	2,341	2,382	32,543
Refinery	734	4,625	2,087	586	642	8,674
Bulk Terminal	8,107	8,906	3,361	1,755	1,740	23,869
Miscellaneous Products	60	108	365	14	75	622
Refinery	60	108	357	14	75	614
Bulk Terminal	—	—	8	—	—	8
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	135,379	278,393	1,120,976	49,946	135,605	1,720,299

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, April 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,739	105,393	780,525	23,192	48,399	965,248
Refinery	6,157	11,974	44,063	2,497	20,132	84,823
Tank Farms and Pipelines (Includes Cushing, OK)	1,582	93,419	188,596	20,695	23,066	327,358
Cushing, Oklahoma	--	29,082	--	--	--	29,082
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	547,866	--	--	547,866
Alaskan In Transit	--	--	--	--	5,201	5,201
Total Stocks, All Oils (excluding Crude Oil)²	119,293	163,263	339,517	24,908	89,467	736,448
Refinery	12,085	46,460	117,346	10,492	46,794	233,177
Bulk Terminal	79,750	79,526	164,334	7,704	37,529	368,843
Pipeline	27,191	35,996	56,844	6,538	4,901	131,470
Natural Gas Processing Plant	267	1,281	993	174	243	2,958
Natural Gas Liquids	6,242	33,778	103,954	6,045	2,651	152,671
Refinery	374	2,583	4,738	330	1,413	9,438
Bulk Terminal	3,459	13,130	75,257	1,045	995	93,887
Pipeline	2,142	16,784	22,966	4,496	--	46,388
Natural Gas Processing Plant	267	1,281	993	174	243	2,958
Ethane	1,006	5,959	43,009	1,350	--	51,324
Refinery	--	--	26	--	--	26
Bulk Terminal	489	2,120	33,856	--	--	36,465
Pipeline	517	3,684	9,056	1,345	--	14,602
Natural Gas Processing Plant	--	155	71	5	--	231
Propane	3,233	9,099	25,269	2,064	549	40,214
Refinery	89	600	883	54	105	1,731
Bulk Terminal	1,677	4,275	17,371	349	339	24,011
Pipeline	1,340	3,719	6,883	1,583	--	13,525
Natural Gas Processing Plant	127	505	132	78	105	947
Normal Butane	1,654	6,771	19,996	1,486	1,646	31,553
Refinery	217	1,150	2,439	140	908	4,854
Bulk Terminal	1,179	4,426	14,709	692	646	21,652
Pipeline	198	959	2,759	627	--	4,543
Natural Gas Processing Plant	60	236	89	27	92	504
Isobutane	122	2,352	6,218	446	419	9,557
Refinery	68	486	1,119	114	398	2,185
Bulk Terminal	--	897	3,720	--	--	4,617
Pipeline	45	838	1,188	314	--	2,385
Natural Gas Processing Plant	9	131	191	18	21	370
Natural Gasoline	227	9,597	9,462	699	37	20,023
Refinery	--	347	271	22	2	642
Bulk Terminal	114	1,412	5,601	4	10	7,142
Pipeline	42	7,584	3,080	627	--	11,333
Natural Gas Processing Plant	71	254	510	46	25	906
Refinery Olefins	176	324	922	177	23	1,622
Refinery	176	324	922	177	23	1,622
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	114	276	588	2	11	991
Refinery	114	276	588	2	11	991
Normal Butylene	50	48	323	175	12	608
Refinery	50	48	323	175	12	608
Isobutylene	12	0	11	0	0	23
Refinery	12	0	11	0	0	23
Other Hydrocarbons	--	11	--	--	--	11
Refinery	--	11	--	--	--	11
Biofuels (Including Fuel Ethanol)²	8,866	11,459	5,947	576	4,778	31,627
Refinery	212	118	864	144	912	2,250
Bulk Terminal	8,595	11,341	5,083	427	3,866	29,313
Pipeline	59	--	--	5	--	64
Fuel Ethanol	7,632	10,149	3,929	402	2,172	24,284
Refinery	204	99	726	137	128	1,294
Bulk Terminal	7,369	10,050	3,203	260	2,044	22,926
Pipeline	59	--	--	5	--	64
Biodiesel	1,234	1,207	1,159	10	602	4,212
Refinery	8	19	138	7	3	175
Bulk Terminal	1,226	1,188	1,021	3	599	4,037
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	76	699	164	1,933	2,872
Refinery	--	--	--	--	781	781
Bulk Terminal	--	76	699	164	1,152	2,091
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	27	160	0	71	258
Refinery	--	--	--	--	--	--
Bulk Terminal	--	27	160	0	71	258
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, April 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	4,305	13,677	48,074	3,113	19,344	88,513
Naphthas and Lighter	1,120	3,560	10,689	797	3,070	19,236
Refinery	1,113	3,535	9,585	797	2,662	17,692
Bulk Terminal	7	25	1,104	—	408	1,544
Kerosene and Light Gas Oils	586	2,415	8,560	503	3,431	15,495
Refinery	586	2,415	6,507	503	3,329	13,340
Bulk Terminal	—	—	2,053	—	102	2,155
Heavy Gas Oils	1,736	5,139	21,564	1,488	9,973	39,900
Refinery	1,712	5,070	18,460	1,488	8,475	35,205
Bulk Terminal	24	69	3,104	—	1,498	4,695
Residuum	863	2,563	7,261	325	2,870	13,882
Refinery	863	2,563	6,960	325	2,870	13,581
Bulk Terminal	—	—	301	—	—	301
Motor Gasoline Blending Components²	50,198	45,795	81,155	6,439	28,603	212,190
Refinery	2,939	12,050	27,272	3,186	12,985	58,432
Bulk Terminal	34,501	25,923	36,034	2,356	12,883	111,697
Pipeline	12,758	7,822	17,849	897	2,735	42,061
Reformulated - RBOB	16,953	5,807	11,689	—	14,029	48,478
Refinery	680	891	2,371	—	4,900	8,842
Bulk Terminal	11,578	3,418	4,699	—	7,665	27,360
Pipeline	4,695	1,498	4,619	—	1,464	12,276
Conventional	33,245	39,987	69,466	6,439	14,574	163,711
Refinery	2,259	11,159	24,901	3,186	8,085	49,590
Bulk Terminal	22,923	22,504	31,335	2,356	5,218	84,336
Pipeline	8,063	6,324	13,230	897	1,271	29,785
CBOB	24,229	32,552	36,088	4,979	7,879	105,727
Refinery	372	5,697	10,510	1,729	2,099	20,407
Bulk Terminal	16,401	20,749	13,048	2,353	4,519	57,070
Pipeline	7,456	6,106	12,530	897	1,261	28,250
GTAB	682	—	—	—	—	682
Refinery	—	—	—	—	—	—
Bulk Terminal	677	—	—	—	—	677
Pipeline	5	—	—	—	—	5
Other	8,334	7,435	33,378	1,460	6,695	57,302
Refinery	1,887	5,462	14,391	1,457	5,986	29,183
Bulk Terminal	5,845	1,755	18,287	3	699	26,589
Pipeline	602	218	700	—	10	1,530
Aviation Gasoline Blending Components	—	—	23	—	—	23
Refinery	—	—	23	—	—	23
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,588	4,527	7,166	1,512	2,037	17,830
Refinery	27	725	3,320	779	589	5,440
Bulk Terminal	775	1,174	3,375	521	1,401	7,246
Pipeline	1,786	2,628	471	212	47	5,144
Reformulated	4	—	—	—	25	29
Refinery	—	—	—	—	25	25
Bulk Terminal	4	—	—	—	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	4	—	—	—	25	29
Refinery	—	—	—	—	25	25
Bulk Terminal	4	—	—	—	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,584	4,527	7,166	1,512	2,012	17,801
Refinery	27	725	3,320	779	564	5,415
Bulk Terminal	771	1,174	3,375	521	1,401	7,242
Pipeline	1,786	2,628	471	212	47	5,144
Conventional (Blended with Fuel Ethanol)	—	106	20	59	23	208
Refinery	—	—	—	58	—	58
Bulk Terminal	—	106	20	1	23	150
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	106	20	59	—	185
Refinery	—	—	—	58	—	58
Bulk Terminal	—	106	20	1	—	127
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	23	23
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	23	23
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,584	4,421	7,146	1,453	1,989	17,593
Refinery	27	725	3,320	721	564	5,357
Bulk Terminal	771	1,068	3,355	520	1,378	7,092
Pipeline	1,786	2,628	471	212	47	5,144

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, April 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	227	172	504	5	267	1,175
Refinery	—	65	322	5	160	552
Bulk Terminal	227	107	182	—	107	623
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,707	7,073	11,827	662	9,440	37,709
Refinery	428	1,946	5,196	276	3,560	11,406
Bulk Terminal	3,433	3,212	2,870	262	5,237	15,014
Pipeline	4,846	1,915	3,761	124	643	11,289
Kerosene	627	105	497	2	8	1,239
Refinery	151	80	76	2	3	312
Bulk Terminal	461	25	398	—	5	889
Pipeline	15	—	23	—	—	38
Distillate Fuel Oil²	22,404	27,123	40,453	3,771	12,541	106,291
Refinery	1,422	5,847	15,130	1,612	4,734	28,745
Bulk Terminal	15,397	14,429	13,549	1,355	6,331	51,060
Pipeline	5,585	6,847	11,774	804	1,476	26,486
15 ppm sulfur and Under	20,311	26,643	33,911	3,519	11,503	95,886
Refinery	1,090	5,576	12,346	1,381	4,075	24,468
Bulk Terminal	14,117	14,338	10,500	1,334	6,062	46,350
Pipeline	5,104	6,729	11,065	804	1,366	25,068
Greater than 15 ppm to 500 ppm sulfur	576	228	1,319	185	407	2,715
Refinery	140	91	680	164	351	1,426
Bulk Terminal	434	25	405	21	1	886
Pipeline	2	112	234	—	55	403
Greater than 500 ppm sulfur	1,517	252	5,223	67	631	7,690
Refinery	192	180	2,104	67	308	2,851
Bulk Terminal	846	66	2,644	—	268	3,824
Pipeline	479	6	475	—	55	1,015
Residual Fuel Oil	4,828	1,203	18,418	202	4,842	29,493
Refinery	338	945	4,208	202	2,060	7,753
Bulk Terminal	4,490	258	14,210	—	2,782	21,740
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	307	54	1,099	12	1,035	2,507
Refinery	17	48	75	12	32	184
Bulk Terminal	290	6	1,024	—	1,003	2,323
0.31% to 1.00% Sulfur	1,006	261	5,401	34	575	7,277
Refinery	84	209	1,142	34	274	1,743
Bulk Terminal	922	52	4,259	—	301	5,534
Greater than 1.00% Percent Sulfur	3,515	888	11,918	156	3,232	19,709
Refinery	237	688	2,991	156	1,754	5,826
Bulk Terminal	3,278	200	8,927	—	1,478	13,883
Petrochemical Feedstocks	—	498	2,115	—	—	2,613
Refinery	—	498	2,115	—	—	2,613
Naphtha for Petrochemical Feedstock Use	—	397	1,397	—	—	1,794
Other Oils for Petrochemical Feedstock Use	—	101	718	—	—	819
Special Naphthas	29	152	776	—	16	973
Refinery	21	84	764	—	16	885
Bulk Terminal	8	68	12	—	—	88
Lubricants	1,368	573	8,293	—	807	11,041
Refinery	833	95	4,988	—	609	6,525
Bulk Terminal	535	478	3,305	—	198	4,516
Waxes	200	28	282	—	—	510
Refinery	200	28	282	—	—	510
Petroleum Coke	—	2,732	3,012	60	1,483	7,287
Refinery	—	2,732	3,012	60	1,483	7,287
Asphalt and Road Oil	8,472	13,936	5,622	2,324	2,550	32,904
Refinery	634	4,649	2,222	586	834	8,925
Bulk Terminal	7,838	9,287	3,400	1,738	1,716	23,979
Miscellaneous Products	56	97	477	20	77	727
Refinery	56	97	380	20	77	630
Bulk Terminal	—	—	97	—	—	97
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	127,032	268,656	1,120,042	48,100	137,866	1,701,696

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

3 Includes stocks held at biofuel production facilities.

Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, May 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,120	103,433	755,399	25,732	46,490	938,174
Refinery	5,239	13,021	44,507	2,830	18,268	83,865
Tank Farms and Pipelines (Includes Cushing, OK)	1,881	90,412	187,783	22,902	23,779	326,757
Cushing, Oklahoma	--	23,874	--	--	--	23,874
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	523,109	--	--	523,109
Alaskan In Transit	--	--	--	--	4,443	4,443
Total Stocks, All Oils (excluding Crude Oil)²	124,298	165,814	350,638	23,411	92,930	757,091
Refinery	11,741	48,015	117,328	9,438	50,642	237,164
Bulk Terminal	83,560	79,590	173,222	7,332	37,201	380,905
Pipeline	28,695	36,756	58,647	6,439	4,839	135,376
Natural Gas Processing Plant	302	1,453	1,441	202	248	3,646
Natural Gas Liquids	8,516	41,029	116,753	6,694	2,817	175,809
Refinery	329	2,992	4,902	361	1,412	9,996
Bulk Terminal	5,765	19,255	87,106	1,647	1,157	114,930
Pipeline	2,120	17,329	23,304	4,484	--	47,237
Natural Gas Processing Plant	302	1,453	1,441	202	248	3,646
Ethane	1,412	6,659	44,286	1,394	--	53,751
Refinery	--	--	25	--	--	25
Bulk Terminal	847	2,733	35,286	--	--	38,866
Pipeline	565	3,786	8,921	1,387	--	14,659
Natural Gas Processing Plant	--	140	54	7	--	201
Propane	4,909	12,226	29,580	2,188	768	49,671
Refinery	86	662	957	47	87	1,839
Bulk Terminal	3,416	7,622	21,925	513	581	34,057
Pipeline	1,260	3,269	6,539	1,533	--	12,601
Natural Gas Processing Plant	147	673	159	95	100	1,174
Normal Butane	1,768	9,400	24,541	1,993	1,624	39,326
Refinery	191	1,453	2,657	199	939	5,439
Bulk Terminal	1,322	6,360	19,076	1,130	567	28,455
Pipeline	206	1,346	2,678	629	--	4,859
Natural Gas Processing Plant	49	241	130	35	118	573
Isobutane	119	2,101	6,821	425	390	9,856
Refinery	52	450	1,078	100	383	2,063
Bulk Terminal	--	837	4,202	--	--	5,039
Pipeline	45	667	1,234	306	--	2,252
Natural Gas Processing Plant	22	147	307	19	7	502
Natural Gasoline	308	10,643	11,525	694	35	23,205
Refinery	--	427	185	15	3	630
Bulk Terminal	180	1,703	6,617	4	9	8,513
Pipeline	44	8,261	3,932	629	--	12,866
Natural Gas Processing Plant	84	252	791	46	23	1,196
Refinery Olefins	177	373	986	116	22	1,674
Refinery	177	373	986	116	22	1,674
Ethylene	0	0	0	0	0	0
Refinery	--	--	0	--	--	0
Propylene	104	278	698	3	11	1,094
Refinery	104	278	698	3	11	1,094
Normal Butylene	1	95	270	113	11	490
Refinery	1	95	270	113	11	490
Isobutylene	72	0	18	0	0	90
Refinery	72	0	18	0	0	90
Other Hydrocarbons	20	20	20	20	20	20
Refinery	--	20	--	--	--	20
Biofuels (Including Fuel Ethanol)²	7,746	10,846	6,289	573	5,301	30,756
Refinery	242	114	1,124	150	1,050	2,680
Bulk Terminal	7,504	10,732	5,165	418	4,251	28,071
Pipeline	--	--	--	5	--	5
Fuel Ethanol	6,685	9,619	4,516	388	2,218	23,426
Refinery	235	96	984	143	71	1,529
Bulk Terminal	6,450	9,523	3,532	240	2,147	21,892
Pipeline	--	--	--	5	--	5
Biodiesel	1,061	1,073	1,048	10	647	3,839
Refinery	7	18	140	7	4	176
Bulk Terminal	1,054	1,055	908	3	643	3,663
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	125	600	171	2,377	3,273	3,273
Refinery	--	--	--	975	975	975
Bulk Terminal	--	125	600	171	1,402	2,298
Pipeline	--	--	--	--	--	--
Other Biofuels³	28	125	5	59	217	217
Refinery	--	--	--	--	--	--
Bulk Terminal	--	28	125	5	59	217
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, May 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,757	13,931	47,569	3,046	20,881	89,184
Naphthas and Lighter	1,034	3,547	10,213	847	3,490	19,131
Refinery	990	3,515	9,349	847	3,049	17,750
Bulk Terminal	44	32	864	—	441	1,381
Kerosene and Light Gas Oils	389	2,100	8,996	467	3,678	15,630
Refinery	389	2,100	6,746	467	3,588	13,290
Bulk Terminal	—	—	2,250	—	90	2,340
Heavy Gas Oils	1,617	5,578	22,337	1,354	11,066	41,952
Refinery	1,593	5,416	19,157	1,354	10,087	37,607
Bulk Terminal	24	162	3,180	—	979	4,345
Residuum	717	2,706	6,023	378	2,647	12,471
Refinery	717	2,706	6,023	378	2,647	12,471
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	51,220	41,747	76,319	4,950	29,204	203,440
Refinery	3,075	12,663	26,385	2,478	13,592	58,193
Bulk Terminal	35,817	20,942	32,066	1,623	12,894	103,342
Pipeline	12,328	8,142	17,868	849	2,718	41,905
Reformulated - RBOB	15,702	5,199	12,727	—	14,121	47,749
Refinery	845	882	1,945	—	4,620	8,292
Bulk Terminal	11,454	3,087	4,563	—	8,123	27,227
Pipeline	3,403	1,230	6,219	—	1,378	12,230
Conventional	35,518	36,547	63,592	4,950	15,083	155,690
Refinery	2,230	11,781	24,440	2,478	8,972	49,901
Bulk Terminal	24,363	17,854	27,503	1,623	4,771	76,114
Pipeline	8,925	6,912	11,649	849	1,340	29,675
CBOB	28,009	29,114	34,061	3,810	7,840	102,834
Refinery	467	5,657	10,481	1,341	2,699	20,645
Bulk Terminal	18,889	16,717	12,500	1,620	3,894	53,620
Pipeline	8,653	6,740	11,080	849	1,247	28,569
GTAB	1,267	—	—	—	—	1,267
Refinery	—	—	—	—	—	—
Bulk Terminal	1,267	—	—	—	—	1,267
Pipeline	—	—	—	—	—	—
Other	6,242	7,433	29,531	1,140	7,243	51,589
Refinery	1,763	6,124	13,959	1,137	6,273	29,256
Bulk Terminal	4,207	1,137	15,003	3	877	21,227
Pipeline	272	172	569	—	93	1,106
Aviation Gasoline Blending Components	—	—	33	—	—	33
Refinery	—	—	33	—	—	33
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,769	3,822	7,449	1,190	2,053	17,283
Refinery	28	616	3,520	609	669	5,442
Bulk Terminal	834	1,052	3,477	383	1,298	7,044
Pipeline	1,907	2,154	452	198	86	4,797
Reformulated	4	—	—	—	27	31
Refinery	—	—	—	—	27	27
Bulk Terminal	4	—	—	—	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	4	—	—	—	27	31
Refinery	—	—	—	—	27	27
Bulk Terminal	4	—	—	—	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,765	3,822	7,449	1,190	2,026	17,252
Refinery	28	616	3,520	609	642	5,415
Bulk Terminal	830	1,052	3,477	383	1,298	7,040
Pipeline	1,907	2,154	452	198	86	4,797
Conventional (Blended with Fuel Ethanol)	—	107	—	51	30	188
Refinery	—	—	—	50	—	50
Bulk Terminal	—	107	—	1	30	138
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	107	—	51	—	158
Refinery	—	—	—	50	—	50
Bulk Terminal	—	107	—	1	—	108
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	30	30
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	30	30
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,765	3,715	7,449	1,139	1,996	17,064
Refinery	28	616	3,520	559	642	5,365
Bulk Terminal	830	945	3,477	382	1,268	6,902
Pipeline	1,907	2,154	452	198	86	4,797

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, May 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	249	190	624	3	310	1,376
Refinery	—	68	436	3	211	718
Bulk Terminal	249	122	188	—	99	658
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	10,913	7,180	12,231	742	10,276	41,342
Refinery	625	2,032	5,577	277	3,782	12,293
Bulk Terminal	4,877	3,336	3,327	318	5,703	17,561
Pipeline	5,411	1,812	3,327	147	791	11,488
Kerosene	564	84	406	2	7	1,063
Refinery	151	60	133	2	3	349
Bulk Terminal	402	24	265	—	4	695
Pipeline	11	—	8	—	—	19
Distillate Fuel Oil²	23,705	27,120	43,250	3,551	12,086	109,712
Refinery	1,466	5,744	14,946	1,450	4,804	28,410
Bulk Terminal	15,321	14,057	14,616	1,345	6,038	51,377
Pipeline	6,918	7,319	13,688	756	1,244	29,925
15 ppm sulfur and Under	21,631	26,508	36,393	3,343	11,106	98,981
Refinery	1,090	5,410	11,397	1,262	4,117	23,276
Bulk Terminal	14,087	13,991	11,840	1,325	5,841	47,084
Pipeline	6,454	7,107	13,156	756	1,148	28,621
Greater than 15 ppm to 500 ppm sulfur	581	329	1,363	165	299	2,737
Refinery	143	71	894	145	277	1,530
Bulk Terminal	433	54	402	20	1	910
Pipeline	5	204	67	—	21	297
Greater than 500 ppm sulfur	1,493	283	5,494	43	681	7,994
Refinery	233	263	2,655	43	410	3,604
Bulk Terminal	801	12	2,374	—	196	3,383
Pipeline	459	8	465	—	75	1,007
Residual Fuel Oil	5,352	1,214	17,868	214	4,837	29,485
Refinery	228	1,001	4,014	214	2,512	7,969
Bulk Terminal	5,124	213	13,854	—	2,325	21,516
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	397	59	1,109	24	780	2,369
Refinery	23	50	70	24	36	203
Bulk Terminal	374	9	1,039	—	744	2,166
0.31% to 1.00% Sulfur	1,325	296	5,179	23	521	7,344
Refinery	49	286	1,095	23	222	1,675
Bulk Terminal	1,276	10	4,084	—	299	5,669
Greater than 1.00% Percent Sulfur	3,630	859	11,580	167	3,536	19,772
Refinery	156	665	2,849	167	2,254	6,091
Bulk Terminal	3,474	194	8,731	—	1,282	13,681
Petrochemical Feedstocks	—	492	2,017	—	—	2,509
Refinery	—	492	2,017	—	—	2,509
Naphtha for Petrochemical Feedstock Use	—	371	1,344	—	—	1,715
Other Oils for Petrochemical Feedstock Use	—	121	673	—	—	794
Special Naphthas	24	155	983	—	49	1,211
Refinery	18	87	972	—	49	1,126
Bulk Terminal	6	68	11	—	—	85
Lubricants	1,291	642	8,127	—	976	11,036
Refinery	775	139	4,819	—	754	6,487
Bulk Terminal	516	503	3,308	—	222	4,549
Waxes	188	40	261	—	—	489
Refinery	188	40	261	—	—	489
Petroleum Coke	—	2,875	3,222	48	1,511	7,656
Refinery	—	2,875	3,222	48	1,511	7,656
Asphalt and Road Oil	7,788	13,954	5,732	2,261	2,523	32,258
Refinery	711	4,862	2,252	663	822	9,310
Bulk Terminal	7,077	9,092	3,480	1,598	1,701	22,948
Miscellaneous Products	39	100	519	21	78	757
Refinery	39	100	454	21	78	692
Bulk Terminal	—	—	65	—	—	65
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	131,418	269,247	1,106,037	49,143	139,420	1,695,265

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, June 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	8,711	103,711	728,278	24,100	46,323	911,123
Refinery	6,397	13,677	43,160	2,270	18,959	84,463
Tank Farms and Pipelines (Includes Cushing, OK)	2,314	90,034	191,794	21,830	21,109	327,081
Cushing, Oklahoma	--	21,540	--	--	--	21,540
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	493,324	--	--	493,324
Alaskan In Transit	--	--	--	--	6,255	6,255
Total Stocks, All Oils (excluding Crude Oil)²	124,714	169,810	351,712	23,819	92,556	762,611
Refinery	11,675	49,509	118,068	9,546	52,180	240,978
Bulk Terminal	84,520	82,114	175,057	7,678	35,505	384,874
Pipeline	28,226	36,654	56,946	6,434	4,658	132,918
Natural Gas Processing Plant	293	1,533	1,641	161	213	3,841
Natural Gas Liquids	8,868	45,892	119,928	7,029	3,218	184,934
Refinery	380	2,986	5,878	336	1,409	10,989
Bulk Terminal	5,874	24,707	89,094	2,046	1,596	123,316
Pipeline	2,321	16,666	23,315	4,486	--	46,788
Natural Gas Processing Plant	293	1,533	1,641	161	213	3,841
Ethane	879	6,441	41,076	1,477	--	49,873
Refinery	--	--	26	--	--	26
Bulk Terminal	331	2,466	32,230	--	--	35,027
Pipeline	548	3,798	8,758	1,472	--	14,576
Natural Gas Processing Plant	--	177	62	5	--	244
Propane	5,569	16,245	29,209	2,181	923	54,127
Refinery	94	729	1,036	41	68	1,968
Bulk Terminal	3,868	11,500	21,345	601	804	38,118
Pipeline	1,460	3,370	6,691	1,475	--	12,996
Natural Gas Processing Plant	147	646	137	64	51	1,045
Normal Butane	1,910	11,464	31,396	2,241	1,826	48,837
Refinery	192	1,430	3,286	179	944	6,031
Bulk Terminal	1,448	8,524	25,119	1,440	782	37,313
Pipeline	225	1,220	2,647	593	--	4,685
Natural Gas Processing Plant	45	290	344	29	100	808
Isobutane	153	1,967	6,410	448	429	9,407
Refinery	94	500	1,057	102	396	2,149
Bulk Terminal	--	623	3,772	--	--	4,395
Pipeline	44	714	1,341	329	--	2,428
Natural Gas Processing Plant	15	130	240	17	33	435
Natural Gasoline	357	9,775	11,837	682	40	22,690
Refinery	--	327	473	14	1	815
Bulk Terminal	227	1,594	6,628	5	10	8,463
Pipeline	44	7,564	3,878	617	--	12,103
Natural Gas Processing Plant	86	290	858	46	29	1,309
Refinery Olefins	154	497	1,001	88	55	1,795
Refinery	154	497	1,001	88	55	1,795
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	94	358	765	1	10	1,228
Refinery	94	358	765	1	10	1,228
Normal Butylene	1	139	225	87	45	497
Refinery	1	139	225	87	45	497
Isobutylene	59	0	11	0	0	70
Refinery	59	0	11	0	0	70
Other Hydrocarbons	--	15	--	--	--	15
Refinery	--	15	--	--	--	15
Biofuels (Including Fuel Ethanol)²	7,999	10,008	6,039	543	5,133	29,721
Refinery	182	120	1,189	162	911	2,564
Bulk Terminal	7,817	9,888	4,850	381	4,222	27,157
Pipeline	--	--	--	--	--	--
Fuel Ethanol	7,096	8,964	4,474	402	2,448	23,384
Refinery	172	100	1,103	155	178	1,708
Bulk Terminal	6,924	8,864	3,371	247	2,270	21,676
Pipeline	--	--	--	--	--	--
Biodiesel	902	901	869	13	719	3,404
Refinery	10	20	86	7	6	129
Bulk Terminal	892	881	783	6	713	3,275
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	112	602	119	1,908	2,742
Refinery	--	--	--	--	727	727
Bulk Terminal	--	112	602	119	1,181	2,015
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	31	93	9	58	191
Refinery	--	--	--	--	--	--
Bulk Terminal	--	31	93	9	58	191
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, June 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,755	14,423	47,766	2,706	20,214	88,864
Naphthas and Lighter	1,083	3,452	10,183	633	3,644	18,995
Refinery	1,077	3,433	9,259	633	3,213	17,615
Bulk Terminal	6	19	924	—	431	1,380
Kerosene and Light Gas Oils	332	2,393	9,178	520	3,077	15,500
Refinery	332	2,393	6,752	520	2,993	12,990
Bulk Terminal	—	—	2,426	—	84	2,510
Heavy Gas Oils	1,405	5,896	21,666	1,093	10,623	40,683
Refinery	1,381	5,654	18,368	1,093	9,893	36,389
Bulk Terminal	24	242	3,298	—	730	4,294
Residuum	935	2,682	6,739	460	2,870	13,686
Refinery	935	2,682	6,739	460	2,870	13,686
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	50,749	42,283	77,205	5,321	28,323	203,881
Refinery	3,030	12,927	26,313	2,655	14,016	58,941
Bulk Terminal	35,702	20,559	33,813	1,722	11,812	103,608
Pipeline	12,017	8,797	17,079	944	2,495	41,332
Reformulated - RBOB	15,366	5,669	12,924	—	13,990	47,949
Refinery	864	1,057	1,749	—	4,792	8,462
Bulk Terminal	11,470	3,303	5,513	—	7,879	28,165
Pipeline	3,032	1,309	5,662	—	1,319	11,322
Conventional	35,383	36,613	64,281	5,321	14,333	155,931
Refinery	2,166	11,870	24,564	2,655	9,224	50,479
Bulk Terminal	24,232	17,255	28,300	1,722	3,933	75,442
Pipeline	8,985	7,488	11,417	944	1,176	30,010
CBOB	28,395	29,385	33,323	4,152	6,969	102,224
Refinery	512	5,639	9,907	1,489	2,422	19,969
Bulk Terminal	19,103	16,425	12,127	1,719	3,371	52,745
Pipeline	8,780	7,321	11,289	944	1,176	29,510
GTAB	192	—	—	—	—	192
Refinery	—	—	—	—	—	—
Bulk Terminal	192	—	—	—	—	192
Pipeline	—	—	—	—	—	—
Other	6,796	7,228	30,958	1,169	7,364	53,515
Refinery	1,654	6,231	14,657	1,166	6,802	30,510
Bulk Terminal	4,937	830	16,173	3	562	22,505
Pipeline	205	167	128	—	—	500
Aviation Gasoline Blending Components	—	—	37	—	—	37
Refinery	—	—	37	—	—	37
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,856	4,443	6,743	1,127	1,967	17,136
Refinery	41	751	3,228	653	812	5,485
Bulk Terminal	628	1,078	3,144	332	1,088	6,270
Pipeline	2,187	2,614	371	142	67	5,381
Reformulated	5	—	—	—	27	32
Refinery	—	—	—	—	27	27
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	—	27	32
Refinery	—	—	—	—	27	27
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,851	4,443	6,743	1,127	1,940	17,104
Refinery	41	751	3,228	653	785	5,458
Bulk Terminal	623	1,078	3,144	332	1,088	6,265
Pipeline	2,187	2,614	371	142	67	5,381
Conventional (Blended with Fuel Ethanol)	—	134	—	51	8	193
Refinery	—	—	—	50	—	50
Bulk Terminal	—	134	—	1	8	143
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	134	—	51	—	185
Refinery	—	—	—	50	—	50
Bulk Terminal	—	134	—	1	—	135
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	8	8
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	8	8
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,851	4,309	6,743	1,076	1,932	16,911
Refinery	41	751	3,228	603	785	5,408
Bulk Terminal	623	944	3,144	331	1,080	6,122
Pipeline	2,187	2,614	371	142	67	5,381

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, June 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	225	162	526	3	187	1,103
Refinery	—	38	365	3	114	520
Bulk Terminal	225	124	161	—	73	583
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	9,799	7,377	11,793	812	9,595	39,376
Refinery	462	2,179	5,132	261	3,941	11,975
Bulk Terminal	4,716	3,439	2,649	402	4,749	15,955
Pipeline	4,621	1,759	4,012	149	905	11,446
Kerosene	469	94	362	2	6	933
Refinery	71	70	169	2	1	313
Bulk Terminal	388	24	182	—	5	599
Pipeline	10	—	11	—	—	21
Distillate Fuel Oil²	26,262	25,580	42,726	3,635	13,126	111,329
Refinery	1,589	5,645	15,652	1,504	5,851	30,241
Bulk Terminal	17,603	13,117	14,916	1,418	6,084	53,138
Pipeline	7,070	6,818	12,158	713	1,191	27,950
15 ppm sulfur and Under	24,112	25,023	35,824	3,422	11,991	100,372
Refinery	1,329	5,309	12,535	1,321	5,044	25,538
Bulk Terminal	16,210	13,077	11,398	1,388	5,812	47,885
Pipeline	6,573	6,637	11,891	713	1,135	26,949
Greater than 15 ppm to 500 ppm sulfur	751	308	1,408	145	396	3,008
Refinery	108	107	852	115	374	1,556
Bulk Terminal	640	26	476	30	1	1,173
Pipeline	3	175	80	—	21	279
Greater than 500 ppm sulfur	1,399	249	5,494	68	739	7,949
Refinery	152	229	2,265	68	433	3,147
Bulk Terminal	753	14	3,042	—	271	4,080
Pipeline	494	6	187	—	35	722
Residual Fuel Oil	5,416	1,203	16,920	203	5,509	29,251
Refinery	311	1,017	3,706	203	2,710	7,947
Bulk Terminal	5,105	186	13,214	—	2,799	21,304
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	406	117	1,002	19	948	2,492
Refinery	18	102	87	19	35	261
Bulk Terminal	388	15	915	—	913	2,231
0.31% to 1.00% Sulfur	1,416	249	5,006	22	620	7,313
Refinery	135	246	1,103	22	333	1,839
Bulk Terminal	1,281	3	3,903	—	287	5,474
Greater than 1.00% Percent Sulfur	3,594	837	10,912	162	3,941	19,446
Refinery	158	669	2,516	162	2,342	5,847
Bulk Terminal	3,436	168	8,396	—	1,599	13,599
Petrochemical Feedstocks	—	556	1,986	—	—	2,542
Refinery	—	556	1,986	—	—	2,542
Naphtha for Petrochemical Feedstock Use	—	447	1,391	—	—	1,838
Other Oils for Petrochemical Feedstock Use	—	109	595	—	—	704
Special Naphthas	31	133	953	—	17	1,134
Refinery	16	81	942	—	17	1,056
Bulk Terminal	15	52	11	—	—	78
Lubricants	1,284	602	7,834	—	973	10,693
Refinery	734	120	4,979	—	773	6,606
Bulk Terminal	550	482	2,855	—	200	4,087
Waxes	188	42	264	—	—	494
Refinery	188	42	264	—	—	494
Petroleum Coke	—	3,235	3,545	160	1,753	8,693
Refinery	—	3,235	3,545	160	1,753	8,693
Asphalt and Road Oil	6,605	13,150	5,512	2,168	2,402	29,837
Refinery	737	4,953	2,079	791	769	9,329
Bulk Terminal	5,868	8,197	3,433	1,377	1,633	20,508
Miscellaneous Products	55	115	572	22	79	843
Refinery	55	115	485	22	79	756
Bulk Terminal	—	—	87	—	—	87
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	133,425	273,521	1,079,990	47,919	138,879	1,673,734

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, July 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,451	108,992	701,873	23,644	50,121	892,081
Refinery	6,057	14,246	45,511	2,510	22,775	91,099
Tank Farms and Pipelines (Includes Cushing, OK)	1,394	94,746	188,356	21,134	23,784	329,414
Cushing, Oklahoma	--	24,863	--	--	--	24,863
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	468,006	--	--	468,006
Alaskan In Transit	--	--	--	--	3,562	3,562
Total Stocks, All Oils (excluding Crude Oil)²	125,033	179,109	371,183	24,898	91,021	791,243
Refinery	11,874	49,124	119,648	9,982	47,807	238,435
Bulk Terminal	85,873	90,893	190,592	8,358	38,241	413,956
Pipeline	26,996	37,368	59,209	6,364	4,686	134,623
Natural Gas Processing Plant	290	1,724	1,734	194	287	4,229
Natural Gas Liquids	9,924	51,852	133,462	7,440	3,823	206,502
Refinery	354	3,320	5,916	352	1,486	11,428
Bulk Terminal	7,083	30,032	102,008	2,470	2,050	143,644
Pipeline	2,197	16,776	23,804	4,424	--	47,201
Natural Gas Processing Plant	290	1,724	1,734	194	287	4,229
Ethane	1,126	6,484	38,505	1,404	--	47,519
Refinery	--	--	29	--	--	29
Bulk Terminal	541	2,502	29,664	--	--	32,707
Pipeline	585	3,762	8,779	1,399	--	14,525
Natural Gas Processing Plant	--	220	33	5	--	258
Propane	6,635	19,365	34,426	2,448	1,287	64,161
Refinery	96	740	1,162	47	95	2,140
Bulk Terminal	5,109	14,159	26,442	863	1,132	47,705
Pipeline	1,279	3,651	6,685	1,444	--	13,059
Natural Gas Processing Plant	151	815	137	94	60	1,257
Normal Butane	1,696	14,240	39,577	2,426	2,083	60,022
Refinery	212	1,700	3,403	195	1,021	6,531
Bulk Terminal	1,200	11,126	32,988	1,604	908	47,826
Pipeline	243	1,149	2,848	591	--	4,831
Natural Gas Processing Plant	41	265	338	36	154	834
Isobutane	103	2,035	7,033	437	401	10,009
Refinery	46	493	999	105	367	2,010
Bulk Terminal	--	700	4,575	--	--	5,275
Pipeline	42	696	1,166	317	--	2,221
Natural Gas Processing Plant	15	146	293	15	34	503
Natural Gasoline	364	9,728	13,921	725	52	24,791
Refinery	--	387	323	5	3	718
Bulk Terminal	233	1,545	8,339	3	10	10,131
Pipeline	48	7,518	4,326	673	--	12,565
Natural Gas Processing Plant	83	278	933	44	39	1,377
Refinery Olefins	202	484	1,228	90	35	2,039
Refinery	202	484	1,228	90	35	2,039
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	107	345	766	1	10	1,229
Refinery	107	345	766	1	10	1,229
Normal Butylene	1	139	447	89	25	701
Refinery	1	139	447	89	25	701
Isobutylene	94	0	15	0	0	109
Refinery	94	0	15	0	0	109
Other Hydrocarbons	--	12	--	--	--	12
Refinery	--	12	--	--	--	12
Biofuels (Including Fuel Ethanol)²	8,158	10,994	5,791	616	5,218	30,776
Refinery	227	119	1,010	140	971	2,467
Bulk Terminal	7,931	10,875	4,781	476	4,247	28,309
Pipeline	--	--	--	--	--	--
Fuel Ethanol	7,273	9,918	4,184	381	2,441	24,197
Refinery	220	100	907	132	202	1,561
Bulk Terminal	7,053	9,818	3,277	249	2,239	22,636
Pipeline	--	--	--	--	--	--
Biodiesel	885	968	701	13	674	3,240
Refinery	7	19	103	8	8	145
Bulk Terminal	878	949	598	5	666	3,095
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	83	809	206	2,051	3,148
Refinery	--	--	--	--	761	761
Bulk Terminal	--	83	809	206	1,290	2,387
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	25	97	16	52	190
Refinery	--	--	--	--	--	--
Bulk Terminal	--	25	97	16	52	190
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, July 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,484	14,308	47,982	2,847	19,011	87,632
Naphthas and Lighter	853	3,471	9,929	620	3,272	18,145
Refinery	837	3,440	8,884	620	3,059	16,840
Bulk Terminal	16	31	1,045	—	213	1,305
Kerosene and Light Gas Oils	376	2,395	9,363	637	2,995	15,766
Refinery	376	2,395	6,905	637	2,910	13,223
Bulk Terminal	—	—	2,458	—	85	2,543
Heavy Gas Oils	1,578	5,900	22,439	1,171	9,517	40,605
Refinery	1,554	5,417	19,151	1,171	8,220	35,513
Bulk Terminal	24	483	3,288	—	1,297	5,092
Residuum	677	2,542	6,251	419	3,227	13,116
Refinery	677	2,542	6,251	419	3,227	13,116
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	50,412	44,399	80,211	5,733	27,610	208,365
Refinery	3,182	12,584	27,654	2,707	13,286	59,413
Bulk Terminal	35,099	22,323	34,462	2,173	12,016	106,073
Pipeline	12,131	9,492	18,095	853	2,308	42,879
Reformulated - RBOB	14,764	5,494	13,430	—	13,782	47,470
Refinery	976	904	2,605	—	4,721	9,206
Bulk Terminal	10,169	3,246	4,870	—	7,611	25,896
Pipeline	3,619	1,344	5,955	—	1,450	12,368
Conventional	35,648	38,904	66,781	5,733	13,828	160,894
Refinery	2,206	11,680	25,049	2,707	8,565	50,207
Bulk Terminal	24,930	19,076	29,592	2,173	4,405	80,176
Pipeline	8,512	8,148	12,140	853	858	30,511
CBOB	28,329	31,947	35,545	4,438	7,263	107,522
Refinery	419	5,682	10,291	1,415	2,613	20,420
Bulk Terminal	19,520	18,196	13,388	2,170	3,792	57,066
Pipeline	8,390	8,069	11,866	853	858	30,036
GTAB	532	—	—	—	—	532
Refinery	—	—	—	—	—	—
Bulk Terminal	532	—	—	—	—	532
Pipeline	—	—	—	—	—	—
Other	6,787	6,957	31,236	1,295	6,565	52,840
Refinery	1,787	5,998	14,758	1,292	5,952	29,787
Bulk Terminal	4,878	880	16,204	3	613	22,578
Pipeline	122	79	274	—	—	475
Aviation Gasoline Blending Components	—	—	46	—	—	46
Refinery	—	—	46	—	—	46
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,458	4,367	6,673	1,083	2,187	16,768
Refinery	26	876	2,537	661	765	4,865
Bulk Terminal	617	1,050	3,641	263	1,370	6,941
Pipeline	1,815	2,441	495	159	52	4,962
Reformulated	4	—	—	—	18	22
Refinery	—	—	—	—	18	18
Bulk Terminal	4	—	—	—	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	4	—	—	—	18	22
Refinery	—	—	—	—	18	18
Bulk Terminal	4	—	—	—	—	4
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,454	4,367	6,673	1,083	2,169	16,746
Refinery	26	876	2,537	661	747	4,847
Bulk Terminal	613	1,050	3,641	263	1,370	6,937
Pipeline	1,815	2,441	495	159	52	4,962
Conventional (Blended with Fuel Ethanol)	—	179	—	57	24	260
Refinery	—	—	—	54	—	54
Bulk Terminal	—	179	—	3	24	206
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	179	—	57	—	236
Refinery	—	—	—	54	—	54
Bulk Terminal	—	179	—	3	—	182
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	24	24
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	24	24
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,454	4,188	6,673	1,026	2,145	16,486
Refinery	26	876	2,537	607	747	4,793
Bulk Terminal	613	871	3,641	260	1,346	6,731
Pipeline	1,815	2,441	495	159	52	4,962

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, July 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	180	161	590	8	212	1,151
Refinery	—	40	410	8	81	539
Bulk Terminal	180	121	180	—	131	612
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	10,689	7,660	12,420	714	9,747	41,230
Refinery	498	1,936	5,312	280	3,656	11,682
Bulk Terminal	4,613	3,817	3,215	277	5,192	17,114
Pipeline	5,578	1,907	3,893	157	899	12,434
Kerosene	428	114	533	2	5	1,082
Refinery	77	91	233	2	1	404
Bulk Terminal	341	23	279	—	4	647
Pipeline	10	—	21	—	—	31
Distillate Fuel Oil²	26,076	27,056	42,349	3,890	13,221	112,591
Refinery	1,691	6,102	15,407	1,646	4,914	29,760
Bulk Terminal	19,120	14,202	14,041	1,473	6,880	55,715
Pipeline	5,265	6,752	12,901	771	1,427	27,116
15 ppm sulfur and Under	24,249	26,525	36,067	3,676	12,293	102,809
Refinery	1,400	5,735	12,356	1,481	4,297	25,269
Bulk Terminal	17,969	14,165	11,259	1,424	6,660	51,476
Pipeline	4,880	6,625	12,452	771	1,336	26,064
Greater than 15 ppm to 500 ppm sulfur	629	194	1,386	164	250	2,623
Refinery	91	48	786	115	225	1,265
Bulk Terminal	533	25	472	49	1	1,080
Pipeline	5	121	128	—	24	278
Greater than 500 ppm sulfur	1,198	337	4,896	50	678	7,159
Refinery	200	319	2,265	50	392	3,226
Bulk Terminal	618	12	2,310	—	219	3,159
Pipeline	380	6	321	—	67	774
Residual Fuel Oil	4,692	1,125	17,955	225	5,199	29,196
Refinery	311	994	3,829	225	2,260	7,619
Bulk Terminal	4,381	131	14,126	—	2,939	21,577
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	365	160	809	28	1,220	2,582
Refinery	14	148	73	28	34	297
Bulk Terminal	351	12	736	—	1,186	2,285
0.31% to 1.00% Sulfur	921	239	5,179	37	668	7,044
Refinery	95	236	1,171	37	326	1,865
Bulk Terminal	826	3	4,008	—	342	5,179
Greater than 1.00% Percent Sulfur	3,406	726	11,967	160	3,311	19,570
Refinery	202	610	2,585	160	1,900	5,457
Bulk Terminal	3,204	116	9,382	—	1,411	14,113
Petrochemical Feedstocks	—	527	2,120	—	—	2,647
Refinery	—	527	2,120	—	—	2,647
Naphtha for Petrochemical Feedstock Use	—	419	1,456	—	—	1,875
Other Oils for Petrochemical Feedstock Use	—	108	664	—	—	772
Special Naphthas	41	157	850	—	26	1,074
Refinery	27	94	839	—	26	986
Bulk Terminal	14	63	11	—	—	88
Lubricants	1,476	669	8,562	—	764	11,471
Refinery	907	174	5,063	—	529	6,673
Bulk Terminal	569	495	3,499	—	235	4,798
Waxes	181	57	269	—	—	507
Refinery	181	57	269	—	—	507
Petroleum Coke	—	2,797	3,983	174	1,538	8,492
Refinery	—	2,797	3,983	174	1,538	8,492
Asphalt and Road Oil	6,555	12,233	5,591	2,054	2,345	28,778
Refinery	671	4,986	2,071	828	763	9,319
Bulk Terminal	5,884	7,247	3,520	1,226	1,582	19,459
Miscellaneous Products	76	137	568	22	80	883
Refinery	76	137	530	22	80	845
Bulk Terminal	—	—	38	—	—	38
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	132,484	288,101	1,073,056	48,542	141,142	1,683,324

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, August 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,044	106,416	680,061	22,754	48,567	864,842
Refinery	5,457	13,395	43,857	2,262	20,295	85,266
Tank Farms and Pipelines (Includes Cushing, OK)	1,587	93,021	191,147	20,492	24,945	331,192
Cushing, Oklahoma	--	24,714	--	--	--	24,714
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	445,057	--	--	445,057
Alaskan In Transit	--	--	--	--	3,327	3,327
Total Stocks, All Oils (excluding Crude Oil)²	126,989	174,164	381,335	24,192	86,206	792,887
Refinery	11,538	47,238	116,711	9,534	46,652	231,673
Bulk Terminal	87,488	88,860	203,317	8,083	34,622	422,371
Pipeline	27,703	36,567	59,203	6,402	4,572	134,447
Natural Gas Processing Plant	260	1,499	2,104	173	360	4,396
Natural Gas Liquids	10,557	56,303	149,706	7,887	4,520	228,973
Refinery	423	3,933	6,177	385	1,429	12,347
Bulk Terminal	7,682	33,838	117,903	2,911	2,731	165,065
Pipeline	2,192	17,033	23,522	4,418	--	47,165
Natural Gas Processing Plant	260	1,499	2,104	173	360	4,396
Ethane	942	5,806	42,080	1,235	--	50,063
Refinery	--	--	31	--	--	31
Bulk Terminal	356	2,064	33,334	--	--	35,754
Pipeline	586	3,598	8,659	1,231	--	14,074
Natural Gas Processing Plant	--	144	56	4	--	204
Propane	6,717	21,365	40,378	2,726	1,652	72,838
Refinery	87	957	1,209	46	89	2,388
Bulk Terminal	5,192	15,718	32,350	1,089	1,497	55,846
Pipeline	1,306	3,916	6,637	1,514	--	13,373
Natural Gas Processing Plant	132	774	182	77	66	1,231
Normal Butane	2,415	17,129	44,725	2,732	2,489	69,490
Refinery	291	1,999	3,864	238	1,017	7,409
Bulk Terminal	1,863	13,833	37,476	1,818	1,224	56,214
Pipeline	213	1,066	2,930	643	--	4,852
Natural Gas Processing Plant	48	231	455	33	248	1,015
Isobutane	100	1,996	7,768	415	333	10,612
Refinery	45	502	864	87	322	1,820
Bulk Terminal	--	637	5,164	--	--	5,801
Pipeline	44	727	1,260	313	--	2,344
Natural Gas Processing Plant	11	130	480	15	11	647
Natural Gasoline	383	10,007	14,755	779	46	25,970
Refinery	--	475	209	14	1	699
Bulk Terminal	271	1,586	9,579	4	10	11,450
Pipeline	43	7,726	4,036	717	--	12,522
Natural Gas Processing Plant	69	220	931	44	35	1,299
Refinery Olefins	198	480	979	102	42	1,801
Refinery	198	480	979	102	42	1,801
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	110	380	587	5	9	1,091
Refinery	110	380	587	5	9	1,091
Normal Butylene	3	100	372	97	33	605
Refinery	3	100	372	97	33	605
Isobutylene	85	0	20	0	0	105
Refinery	85	0	20	0	0	105
Other Hydrocarbons	--	17	--	--	--	17
Refinery	--	17	--	--	--	17
Biofuels (Including Fuel Ethanol)²	8,327	9,778	5,266	603	5,162	29,135
Refinery	219	95	893	132	818	2,157
Bulk Terminal	8,108	9,683	4,373	471	4,344	26,978
Pipeline	--	--	--	--	--	--
Fuel Ethanol	7,435	8,796	4,009	385	2,884	23,509
Refinery	212	83	789	125	196	1,405
Bulk Terminal	7,223	8,713	3,220	260	2,688	22,104
Pipeline	--	--	--	--	--	--
Biodiesel	892	873	592	12	524	2,894
Refinery	7	12	104	7	9	139
Bulk Terminal	885	861	488	5	515	2,755
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	79	580	190	1,705	2,554
Refinery	--	--	--	--	613	613
Bulk Terminal	--	79	580	190	1,092	1,941
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	31	84	15	48	179
Refinery	--	--	--	--	--	--
Bulk Terminal	--	31	84	15	48	179
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, August 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,659	13,806	47,151	2,689	19,111	86,416
Naphthas and Lighter	1,038	3,566	10,004	511	3,084	18,203
Refinery	1,022	3,528	9,064	511	2,834	16,959
Bulk Terminal	16	38	940	—	250	1,244
Kerosene and Light Gas Oils	335	2,807	8,473	540	3,197	15,352
Refinery	335	2,807	6,500	540	3,115	13,297
Bulk Terminal	—	—	1,973	—	82	2,055
Heavy Gas Oils	1,579	5,079	22,449	1,158	9,205	39,470
Refinery	1,555	4,730	19,128	1,158	8,408	34,979
Bulk Terminal	24	349	3,321	—	797	4,491
Residuum	707	2,354	6,225	480	3,625	13,391
Refinery	707	2,354	6,225	480	3,625	13,391
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	51,477	39,501	77,541	5,353	24,685	198,557
Refinery	3,001	11,730	25,819	2,681	12,215	55,446
Bulk Terminal	37,046	18,944	32,949	1,760	10,005	100,704
Pipeline	11,430	8,827	18,773	912	2,465	42,407
Reformulated - RBOB	17,978	4,211	10,773	—	12,097	45,059
Refinery	830	710	1,465	—	4,613	7,618
Bulk Terminal	13,562	2,685	4,513	—	6,150	26,910
Pipeline	3,586	816	4,795	—	1,334	10,531
Conventional	33,499	35,289	66,768	5,353	12,588	153,497
Refinery	2,171	11,020	24,354	2,681	7,602	47,828
Bulk Terminal	23,484	16,258	28,436	1,760	3,855	73,793
Pipeline	7,844	8,011	13,978	912	1,131	31,876
CBOB	25,667	28,649	37,628	4,118	7,023	103,085
Refinery	498	5,205	10,449	1,449	2,214	19,815
Bulk Terminal	17,328	15,512	13,449	1,757	3,680	51,726
Pipeline	7,841	7,932	13,730	912	1,129	31,544
GTAB	1,037	—	—	—	—	1,037
Refinery	—	—	—	—	—	—
Bulk Terminal	1,037	—	—	—	—	1,037
Pipeline	—	—	—	—	—	—
Other	6,795	6,640	29,140	1,235	5,565	49,375
Refinery	1,673	5,815	13,905	1,232	5,388	28,013
Bulk Terminal	5,119	746	14,987	3	175	21,030
Pipeline	3	79	248	—	2	332
Aviation Gasoline Blending Components	—	—	33	—	—	33
Refinery	—	—	33	—	—	33
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,644	4,497	6,965	1,041	1,888	17,035
Refinery	29	1,052	2,905	639	585	5,210
Bulk Terminal	781	1,125	3,445	270	1,285	6,906
Pipeline	1,834	2,320	615	132	18	4,919
Reformulated	4	—	—	—	18	23
Refinery	—	—	—	—	18	18
Bulk Terminal	4	—	—	1	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	4	—	—	1	18	23
Refinery	—	—	—	—	18	18
Bulk Terminal	4	—	—	1	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,640	4,497	6,965	1,040	1,870	17,012
Refinery	29	1,052	2,905	639	567	5,192
Bulk Terminal	777	1,125	3,445	269	1,285	6,901
Pipeline	1,834	2,320	615	132	18	4,919
Conventional (Blended with Fuel Ethanol)	—	120	—	57	20	197
Refinery	—	—	—	54	—	54
Bulk Terminal	—	120	—	3	20	143
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	120	—	57	—	177
Refinery	—	—	—	54	—	54
Bulk Terminal	—	120	—	3	—	123
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	20	20
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	20	20
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,640	4,377	6,965	983	1,850	16,815
Refinery	29	1,052	2,905	585	567	5,138
Bulk Terminal	777	1,005	3,445	266	1,265	6,758
Pipeline	1,834	2,320	615	132	18	4,919

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, August 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	214	128	455	9	222	1,028
Refinery	—	56	323	9	121	509
Bulk Terminal	214	72	132	—	101	519
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	9,833	6,979	11,890	740	8,967	38,409
Refinery	523	1,952	4,468	263	3,410	10,616
Bulk Terminal	4,712	3,624	3,041	321	4,588	16,286
Pipeline	4,598	1,403	4,381	156	969	11,507
Kerosene	397	132	501	2	4	1,036
Refinery	50	110	162	2	1	325
Bulk Terminal	337	22	325	—	3	687
Pipeline	10	—	14	—	—	24
Distillate Fuel Oil²	28,041	27,347	42,019	3,718	11,997	113,122
Refinery	1,580	5,852	15,269	1,472	5,169	29,342
Bulk Terminal	18,822	14,511	14,852	1,462	5,708	55,355
Pipeline	7,639	6,984	11,898	784	1,120	28,425
15 ppm sulfur and Under	26,013	26,792	35,478	3,546	11,105	102,934
Refinery	1,334	5,495	12,335	1,343	4,633	25,140
Bulk Terminal	17,487	14,476	11,867	1,419	5,448	50,697
Pipeline	7,192	6,821	11,276	784	1,024	27,097
Greater than 15 ppm to 500 ppm sulfur	620	313	1,234	138	277	2,582
Refinery	63	131	682	95	252	1,223
Bulk Terminal	554	24	474	43	1	1,096
Pipeline	3	158	78	—	24	263
Greater than 500 ppm sulfur	1,408	242	5,307	34	615	7,606
Refinery	183	226	2,252	34	284	2,979
Bulk Terminal	781	11	2,511	—	259	3,562
Pipeline	444	5	544	—	72	1,065
Residual Fuel Oil	4,177	999	17,883	211	5,337	28,607
Refinery	228	868	4,593	211	2,294	8,194
Bulk Terminal	3,949	131	13,290	—	3,043	20,413
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	270	64	1,136	29	1,175	2,674
Refinery	18	57	56	29	21	181
Bulk Terminal	252	7	1,080	—	1,154	2,493
0.31% to 1.00% Sulfur	954	239	5,102	20	671	6,986
Refinery	87	236	1,068	20	351	1,762
Bulk Terminal	867	3	4,034	—	320	5,224
Greater than 1.00% Percent Sulfur	2,953	696	11,645	162	3,491	18,947
Refinery	123	575	3,469	162	1,922	6,251
Bulk Terminal	2,830	121	8,176	—	1,569	12,696
Petrochemical Feedstocks	—	518	2,032	—	—	2,550
Refinery	—	518	2,032	—	—	2,550
Naphtha for Petrochemical Feedstock Use	—	416	1,522	—	—	1,938
Other Oils for Petrochemical Feedstock Use	—	102	510	—	—	612
Special Naphthas	38	164	788	—	23	1,013
Refinery	25	88	777	—	23	913
Bulk Terminal	13	76	11	—	—	100
Lubricants	1,409	753	8,158	—	559	10,879
Refinery	814	238	4,780	—	344	6,176
Bulk Terminal	595	515	3,378	—	215	4,703
Waxes	177	67	270	—	—	514
Refinery	177	67	270	—	—	514
Petroleum Coke	—	2,142	3,486	148	1,554	7,330
Refinery	—	2,142	3,486	148	1,554	7,330
Asphalt and Road Oil	5,771	10,456	5,611	1,665	2,059	25,562
Refinery	582	4,522	2,329	778	588	8,799
Bulk Terminal	5,189	5,934	3,282	887	1,471	16,763
Miscellaneous Products	70	99	601	23	77	870
Refinery	70	99	499	23	77	768
Bulk Terminal	—	—	102	—	—	102
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	134,033	280,580	1,061,396	46,946	134,773	1,657,729

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix

D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, September 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,597	109,108	656,779	23,471	48,438	845,393
Refinery	5,650	13,905	43,435	2,387	19,507	84,884
Tank Farms and Pipelines (Includes Cushing, OK)	1,947	95,203	196,951	21,084	23,421	338,606
Cushing, Oklahoma	--	25,400	--	--	--	25,400
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	416,393	--	--	416,393
Alaskan In Transit	--	--	--	--	5,510	5,510
Total Stocks, All Oils (excluding Crude Oil)²	123,468	174,842	381,507	24,119	82,623	786,559
Refinery	11,422	46,846	114,947	9,659	45,286	228,160
Bulk Terminal	83,714	90,379	207,453	7,954	32,395	421,895
Pipeline	28,070	35,996	57,400	6,339	4,401	132,206
Natural Gas Processing Plant	262	1,621	1,707	167	541	4,298
Natural Gas Liquids	11,348	59,519	156,754	8,077	5,276	240,975
Refinery	350	3,083	5,899	328	1,527	11,187
Bulk Terminal	8,422	38,117	125,713	3,169	3,208	178,630
Pipeline	2,314	16,698	23,435	4,413	--	46,860
Natural Gas Processing Plant	262	1,621	1,707	167	541	4,298
Ethane	967	6,008	44,096	1,088	--	52,159
Refinery	--	--	31	--	--	31
Bulk Terminal	394	2,236	35,935	--	--	38,565
Pipeline	573	3,628	8,058	1,083	--	13,342
Natural Gas Processing Plant	--	144	72	5	--	221
Propane	7,644	24,303	45,163	2,912	1,958	81,980
Refinery	77	934	1,380	39	112	2,542
Bulk Terminal	6,012	18,520	36,783	1,231	1,740	64,286
Pipeline	1,417	3,958	6,811	1,575	--	13,761
Natural Gas Processing Plant	138	891	189	67	106	1,391
Normal Butane	2,240	17,433	43,212	2,823	2,909	68,617
Refinery	220	1,463	3,366	197	1,053	6,299
Bulk Terminal	1,745	14,710	36,610	1,930	1,458	56,453
Pipeline	235	1,004	2,752	662	--	4,653
Natural Gas Processing Plant	40	256	484	34	398	1,212
Isobutane	114	2,131	7,937	434	376	10,992
Refinery	53	458	822	80	359	1,772
Bulk Terminal	--	791	5,652	--	--	6,443
Pipeline	44	766	1,287	338	--	2,435
Natural Gas Processing Plant	17	116	176	16	17	342
Natural Gasoline	383	9,644	16,346	820	33	27,227
Refinery	--	228	300	12	3	543
Bulk Terminal	271	1,860	10,733	8	10	12,883
Pipeline	45	7,342	4,527	755	--	12,669
Natural Gas Processing Plant	67	214	786	45	20	1,132
Refinery Olefins	240	971	1,301	123	95	2,730
Refinery	240	971	1,301	123	95	2,730
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	115	313	641	7	7	1,083
Refinery	115	313	641	7	7	1,083
Normal Butylene	77	658	660	116	88	1,599
Refinery	77	658	660	116	88	1,599
Isobutylene	48	0	0	0	0	48
Refinery	48	0	0	0	0	48
Other Hydrocarbons	--	21	--	--	--	21
Refinery	--	21	--	--	--	21
Biofuels (Including Fuel Ethanol)²	8,090	8,687	4,807	500	5,157	27,240
Refinery	256	102	568	119	971	2,016
Bulk Terminal	7,834	8,585	4,239	377	4,186	25,220
Pipeline	--	--	--	4	--	4
Fuel Ethanol	7,077	7,727	3,576	366	2,794	21,540
Refinery	249	87	486	109	92	1,023
Bulk Terminal	6,828	7,640	3,090	253	2,702	20,513
Pipeline	--	--	--	4	--	4
Biodiesel	1,013	826	510	13	464	2,826
Refinery	7	15	82	10	8	122
Bulk Terminal	1,006	811	428	3	456	2,704
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	99	632	107	1,859	2,698
Refinery	--	--	--	--	871	871
Bulk Terminal	--	99	632	107	988	1,827
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	34	88	14	40	176
Refinery	--	--	--	--	--	--
Bulk Terminal	--	34	88	14	40	176
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, September 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,571	13,266	43,975	2,838	18,660	82,310
Naphthas and Lighter	954	3,352	9,911	556	3,545	18,318
Refinery	938	3,328	8,939	556	3,205	16,966
Bulk Terminal	16	24	972	—	340	1,352
Kerosene and Light Gas Oils	285	2,800	7,928	512	2,744	14,269
Refinery	285	2,800	6,531	512	2,669	12,797
Bulk Terminal	—	—	1,397	—	75	1,472
Heavy Gas Oils	1,521	5,003	20,346	1,317	8,568	36,755
Refinery	1,497	4,826	18,012	1,317	7,829	33,481
Bulk Terminal	24	177	2,334	—	739	3,274
Residuum	811	2,111	5,790	453	3,803	12,968
Refinery	811	2,111	5,790	453	3,803	12,968
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	51,163	39,093	73,518	5,377	22,742	191,893
Refinery	2,913	12,327	26,236	2,610	11,670	55,756
Bulk Terminal	36,547	18,618	30,072	1,806	8,895	95,938
Pipeline	11,703	8,148	17,210	961	2,177	40,199
Reformulated - RBOB	16,970	4,220	9,562	—	10,893	41,645
Refinery	1,003	863	1,141	—	4,349	7,356
Bulk Terminal	13,175	2,441	4,497	—	5,220	25,333
Pipeline	2,792	916	3,924	—	1,324	8,956
Conventional	34,193	34,872	63,956	5,377	11,849	150,247
Refinery	1,910	11,464	25,095	2,610	7,321	48,400
Bulk Terminal	23,372	16,176	25,575	1,806	3,675	70,604
Pipeline	8,911	7,232	13,286	961	853	31,243
CBOB	25,600	28,493	34,934	4,192	6,641	99,860
Refinery	229	5,988	11,101	1,428	2,441	21,187
Bulk Terminal	16,682	15,423	10,861	1,803	3,352	48,121
Pipeline	8,689	7,082	12,972	961	848	30,552
GTAB	1,228	—	—	—	—	1,228
Refinery	—	—	—	—	—	—
Bulk Terminal	1,228	—	—	—	—	1,228
Pipeline	—	—	—	—	—	—
Other	7,365	6,379	29,022	1,185	5,208	49,159
Refinery	1,681	5,476	13,994	1,182	4,880	27,213
Bulk Terminal	5,462	753	14,714	3	323	21,255
Pipeline	222	150	314	—	5	691
Aviation Gasoline Blending Components	—	—	37	—	—	37
Refinery	—	—	37	—	—	37
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	3,171	4,995	6,720	1,009	1,728	17,623
Refinery	43	960	2,490	601	611	4,705
Bulk Terminal	920	949	3,830	271	1,101	7,071
Pipeline	2,208	3,086	400	137	16	5,847
Reformulated	5	—	—	—	20	26
Refinery	—	—	—	—	20	20
Bulk Terminal	5	—	—	1	—	6
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	1	20	26
Refinery	—	—	—	—	20	20
Bulk Terminal	5	—	—	1	—	6
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	3,166	4,995	6,720	1,008	1,708	17,597
Refinery	43	960	2,490	601	591	4,685
Bulk Terminal	915	949	3,830	270	1,101	7,065
Pipeline	2,208	3,086	400	137	16	5,847
Conventional (Blended with Fuel Ethanol)	—	121	—	53	29	203
Refinery	—	—	—	51	—	51
Bulk Terminal	—	121	—	2	29	152
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	121	—	53	—	174
Refinery	—	—	—	51	—	51
Bulk Terminal	—	121	—	2	—	123
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	29	29
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	29	29
Pipeline	—	—	—	—	—	—
Conventional (Other)	3,166	4,874	6,720	955	1,679	17,394
Refinery	43	960	2,490	550	591	4,634
Bulk Terminal	915	828	3,830	268	1,072	6,913
Pipeline	2,208	3,086	400	137	16	5,847

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, September 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	203	152	496	7	226	1,084
Refinery	—	58	327	7	136	528
Bulk Terminal	203	94	169	—	90	556
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,359	6,543	11,736	650	9,232	36,520
Refinery	478	1,975	4,857	257	3,594	11,161
Bulk Terminal	3,793	3,353	3,172	322	4,610	15,250
Pipeline	4,088	1,215	3,707	71	1,028	10,109
Kerosene	410	146	358	1	4	919
Refinery	118	126	125	1	3	373
Bulk Terminal	282	20	221	—	1	524
Pipeline	10	—	12	—	—	22
Distillate Fuel Oil²	25,569	27,282	42,912	3,640	11,127	110,531
Refinery	1,508	5,801	15,622	1,516	4,765	29,212
Bulk Terminal	16,314	14,632	14,654	1,371	5,182	52,154
Pipeline	7,747	6,849	12,636	753	1,180	29,165
15 ppm sulfur and Under	23,338	26,379	35,694	3,382	10,456	99,250
Refinery	1,271	5,137	12,703	1,314	4,372	24,797
Bulk Terminal	14,854	14,577	10,764	1,315	4,979	46,490
Pipeline	7,213	6,665	12,227	753	1,105	27,963
Greater than 15 ppm to 500 ppm sulfur	676	285	1,228	167	224	2,580
Refinery	136	63	513	111	182	1,005
Bulk Terminal	538	44	632	56	2	1,272
Pipeline	2	178	83	—	40	303
Greater than 500 ppm sulfur	1,555	618	5,990	91	447	8,701
Refinery	101	601	2,406	91	211	3,410
Bulk Terminal	922	11	3,258	—	201	4,392
Pipeline	532	6	326	—	35	899
Residual Fuel Oil	4,618	792	17,284	196	4,501	27,391
Refinery	301	690	3,879	196	2,056	7,122
Bulk Terminal	4,317	102	13,405	—	2,445	20,269
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	409	57	616	29	776	1,887
Refinery	15	52	71	29	25	192
Bulk Terminal	394	5	545	—	751	1,695
0.31% to 1.00% Sulfur	893	175	4,720	7	778	6,573
Refinery	119	172	957	7	378	1,633
Bulk Terminal	774	3	3,763	—	400	4,940
Greater than 1.00% Percent Sulfur	3,316	560	11,948	160	2,947	18,931
Refinery	167	466	2,851	160	1,653	5,297
Bulk Terminal	3,149	94	9,097	—	1,294	13,634
Petrochemical Feedstocks	—	510	2,011	—	—	2,521
Refinery	—	510	2,011	—	—	2,521
Naphtha for Petrochemical Feedstock Use	—	404	1,408	—	—	1,812
Other Oils for Petrochemical Feedstock Use	—	106	603	—	—	709
Special Naphthas	41	136	830	—	26	1,033
Refinery	31	74	820	—	26	951
Bulk Terminal	10	62	10	—	—	82
Lubricants	1,413	778	9,060	—	590	11,841
Refinery	793	264	5,089	—	366	6,512
Bulk Terminal	620	514	3,971	—	224	5,329
Waxes	186	76	282	—	—	544
Refinery	186	76	282	—	—	544
Petroleum Coke	—	1,712	3,364	163	1,316	6,555
Refinery	—	1,712	3,364	163	1,316	6,555
Asphalt and Road Oil	5,010	10,058	5,478	1,515	1,875	23,936
Refinery	599	4,926	2,206	877	576	9,184
Bulk Terminal	4,411	5,132	3,272	638	1,299	14,752
Miscellaneous Products	75	105	584	23	68	855
Refinery	75	105	562	23	68	833
Bulk Terminal	—	—	22	—	—	22
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	131,065	283,950	1,038,286	47,590	131,061	1,631,952

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

3 Includes stocks held at biofuel production facilities.

4 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, October 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	8,411	113,699	643,035	23,509	49,593	838,247
Refinery	6,098	13,660	43,776	2,276	22,681	88,491
Tank Farms and Pipelines (Includes Cushing, OK)	2,313	100,039	200,690	21,233	24,770	349,045
Cushing, Oklahoma	--	28,485	--	--	--	28,485
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	398,569	--	--	398,569
Alaskan In Transit	--	--	--	--	2,142	2,142
Total Stocks, All Oils (excluding Crude Oil)²	122,152	175,792	382,888	23,976	86,028	790,836
Refinery	12,074	48,547	115,441	9,921	48,623	234,606
Bulk Terminal	83,128	89,958	209,220	7,358	32,206	421,870
Pipeline	26,720	35,822	57,006	6,515	4,599	130,662
Natural Gas Processing Plant	230	1,465	1,221	182	600	3,698
Natural Gas Liquids	12,279	59,755	155,321	7,656	5,837	240,847
Refinery	385	3,782	5,799	406	1,653	12,025
Bulk Terminal	9,516	37,384	125,029	2,642	3,584	178,154
Pipeline	2,148	17,124	23,272	4,426	--	46,970
Natural Gas Processing Plant	230	1,465	1,221	182	600	3,698
Ethane	1,169	6,219	44,139	1,186	--	52,713
Refinery	--	--	29	--	--	29
Bulk Terminal	594	2,455	35,575	--	--	38,624
Pipeline	575	3,618	8,507	1,182	--	13,882
Natural Gas Processing Plant	--	146	28	4	--	178
Propane	8,470	25,129	47,730	2,943	2,452	86,724
Refinery	96	1,389	1,556	41	124	3,206
Bulk Terminal	7,008	18,979	39,321	1,245	2,169	68,722
Pipeline	1,259	3,969	6,687	1,571	--	13,486
Natural Gas Processing Plant	107	792	166	86	159	1,310
Normal Butane	2,246	16,400	38,532	2,310	2,990	62,478
Refinery	248	1,795	3,243	282	1,207	6,775
Bulk Terminal	1,726	13,385	32,288	1,376	1,404	50,179
Pipeline	227	1,030	2,565	622	--	4,444
Natural Gas Processing Plant	45	190	436	30	379	1,080
Isobutane	103	2,181	8,888	438	353	11,963
Refinery	41	437	743	79	320	1,620
Bulk Terminal	--	923	6,384	--	--	7,307
Pipeline	45	708	1,501	343	--	2,597
Natural Gas Processing Plant	17	113	260	16	33	439
Natural Gasoline	291	9,826	16,032	779	42	26,969
Refinery	--	161	228	4	2	395
Bulk Terminal	188	1,642	11,461	21	11	13,322
Pipeline	42	7,799	4,012	708	--	12,561
Natural Gas Processing Plant	61	224	331	46	29	691
Refinery Olefins	303	423	1,303	72	72	2,173
Refinery	303	423	1,303	72	72	2,173
Ethylene	0	0	0	0	0	0
Refinery	--	--	0	--	--	0
Propylene	170	383	461	7	6	1,027
Refinery	170	383	461	7	6	1,027
Normal Butylene	87	40	842	65	66	1,100
Refinery	87	40	842	65	66	1,100
Isobutylene	46	0	0	0	0	46
Refinery	46	0	0	0	0	46
Other Hydrocarbons	--	11	--	--	--	11
Refinery	--	11	--	--	--	11
Biofuels (Including Fuel Ethanol)²	7,370	9,754	4,736	551	4,612	27,024
Refinery	157	93	906	104	964	2,224
Bulk Terminal	7,213	9,661	3,830	442	3,648	24,795
Pipeline	--	--	--	5	--	5
Fuel Ethanol	6,468	8,691	3,541	366	2,641	21,708
Refinery	149	79	827	96	190	1,341
Bulk Terminal	6,319	8,612	2,714	265	2,451	20,362
Pipeline	--	--	--	5	--	5
Biodiesel	902	908	612	13	467	2,903
Refinery	8	14	79	8	8	117
Bulk Terminal	894	894	533	5	459	2,786
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	115	504	156	1,460	2,235
Refinery	--	--	--	--	766	766
Bulk Terminal	--	115	504	156	694	1,469
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	40	78	16	43	178
Refinery	--	--	--	--	--	--
Bulk Terminal	--	40	78	16	43	178
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, October 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,780	14,252	46,082	2,740	18,298	85,152
Naphthas and Lighter	1,046	3,399	10,074	537	3,013	18,069
Refinery	1,030	3,370	8,997	537	2,878	16,812
Bulk Terminal	16	29	1,077	—	135	1,257
Kerosene and Light Gas Oils	587	2,692	8,875	521	2,782	15,457
Refinery	587	2,692	6,937	521	2,693	13,430
Bulk Terminal	—	—	1,938	—	89	2,027
Heavy Gas Oils	1,466	5,668	21,035	1,142	9,253	38,564
Refinery	1,442	5,303	18,206	1,142	8,700	34,793
Bulk Terminal	24	365	2,829	—	553	3,771
Residuum	681	2,493	6,098	540	3,250	13,062
Refinery	681	2,493	6,098	540	3,250	13,062
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	48,320	41,014	73,572	5,821	25,208	193,935
Refinery	3,112	13,779	26,772	2,910	13,379	59,952
Bulk Terminal	33,897	20,305	30,405	2,002	9,383	95,992
Pipeline	11,311	6,930	16,395	909	2,446	37,991
Reformulated - RBOB	14,059	4,268	9,928	—	12,710	40,965
Refinery	1,252	888	1,159	—	5,099	8,398
Bulk Terminal	10,228	2,897	4,805	—	6,183	24,113
Pipeline	2,579	483	3,964	—	1,428	8,454
Conventional	34,261	36,745	63,644	5,821	12,498	152,969
Refinery	1,860	12,891	25,613	2,910	8,280	51,554
Bulk Terminal	23,669	17,407	25,600	2,002	3,200	71,878
Pipeline	8,732	6,447	12,431	909	1,018	29,537
CBOB	26,623	29,083	35,932	4,521	6,690	102,849
Refinery	262	6,293	11,967	1,613	2,754	22,889
Bulk Terminal	18,037	16,572	11,915	1,999	2,919	51,442
Pipeline	8,324	6,218	12,050	909	1,017	28,518
GTAB	1,079	—	—	—	—	1,079
Refinery	—	—	—	—	—	—
Bulk Terminal	1,079	—	—	—	—	1,079
Pipeline	—	—	—	—	—	—
Other	6,559	7,662	27,712	1,300	5,808	49,041
Refinery	1,598	6,598	13,646	1,297	5,526	28,665
Bulk Terminal	4,553	835	13,685	3	281	19,357
Pipeline	408	229	381	—	1	1,019
Aviation Gasoline Blending Components	—	—	28	—	—	28
Refinery	—	—	28	—	—	28
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,612	4,017	6,462	1,182	2,237	16,510
Refinery	44	750	2,731	739	770	5,034
Bulk Terminal	908	1,059	3,475	280	1,444	7,166
Pipeline	1,660	2,208	256	163	23	4,310
Reformulated	5	—	—	—	22	28
Refinery	—	—	—	—	22	22
Bulk Terminal	5	—	—	1	—	6
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	1	22	28
Refinery	—	—	—	—	22	22
Bulk Terminal	5	—	—	1	—	6
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,607	4,017	6,462	1,181	2,215	16,482
Refinery	44	750	2,731	739	748	5,012
Bulk Terminal	903	1,059	3,475	279	1,444	7,160
Pipeline	1,660	2,208	256	163	23	4,310
Conventional (Blended with Fuel Ethanol)	—	155	—	66	30	251
Refinery	—	—	—	62	—	62
Bulk Terminal	—	155	—	4	30	189
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	155	—	66	—	221
Refinery	—	—	—	62	—	62
Bulk Terminal	—	155	—	4	—	159
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	0	—	—	30	30
Refinery	—	—	—	—	—	—
Bulk Terminal	—	0	—	—	30	30
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,607	3,862	6,462	1,115	2,185	16,231
Refinery	44	750	2,731	677	748	4,950
Bulk Terminal	903	904	3,475	275	1,414	6,971
Pipeline	1,660	2,208	256	163	23	4,310

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, October 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	213	154	501	6	284	1,158
Refinery	—	60	381	6	192	639
Bulk Terminal	213	94	120	—	92	519
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,574	6,754	11,281	764	9,087	36,460
Refinery	509	1,830	4,956	329	3,878	11,502
Bulk Terminal	4,345	3,370	2,742	309	4,408	15,174
Pipeline	3,720	1,554	3,583	126	801	9,784
Kerosene	524	158	456	1	4	1,143
Refinery	68	135	95	1	3	302
Bulk Terminal	446	13	133	—	1	593
Pipeline	10	10	228	—	—	248
Distillate Fuel Oil²	26,474	25,989	42,460	3,531	12,038	110,492
Refinery	1,639	5,798	14,346	1,532	5,433	28,748
Bulk Terminal	16,964	12,195	14,842	1,113	5,276	50,390
Pipeline	7,871	7,996	13,272	886	1,329	31,354
15 ppm sulfur and Under	24,338	25,357	35,567	3,329	11,220	99,811
Refinery	1,307	5,424	11,514	1,377	4,869	24,491
Bulk Terminal	15,434	12,125	11,060	1,066	5,105	44,790
Pipeline	7,597	7,808	12,993	886	1,246	30,530
Greater than 15 ppm to 500 ppm sulfur	785	385	1,161	122	285	2,738
Refinery	133	145	570	75	260	1,183
Bulk Terminal	651	58	462	47	1	1,219
Pipeline	1	182	129	—	24	336
Greater than 500 ppm sulfur	1,351	247	5,732	80	533	7,943
Refinery	199	229	2,262	80	304	3,074
Bulk Terminal	879	12	3,320	—	170	4,381
Pipeline	273	6	150	—	59	488
Residual Fuel Oil	5,464	1,094	18,872	189	4,404	30,023
Refinery	297	1,007	3,982	189	2,165	7,640
Bulk Terminal	5,167	87	14,890	—	2,239	22,383
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	380	122	1,003	28	658	2,191
Refinery	19	118	56	28	27	248
Bulk Terminal	361	4	947	—	631	1,943
0.31% to 1.00% Sulfur	1,062	282	4,525	4	806	6,679
Refinery	141	280	710	4	452	1,587
Bulk Terminal	921	2	3,815	—	354	5,092
Greater than 1.00% Percent Sulfur	4,022	690	13,344	157	2,940	21,153
Refinery	137	609	3,216	157	1,686	5,805
Bulk Terminal	3,885	81	10,128	—	1,254	15,348
Petrochemical Feedstocks	—	578	1,851	—	—	2,429
Refinery	—	578	1,851	—	—	2,429
Naphtha for Petrochemical Feedstock Use	—	454	1,345	—	—	1,799
Other Oils for Petrochemical Feedstock Use	—	124	506	—	—	630
Special Naphthas	52	109	804	—	26	991
Refinery	34	61	793	—	26	914
Bulk Terminal	18	48	11	—	—	77
Lubricants	1,488	748	8,989	—	783	12,008
Refinery	886	260	4,706	—	607	6,459
Bulk Terminal	602	488	4,283	—	176	5,549
Waxes	199	57	314	—	—	570
Refinery	199	57	314	—	—	570
Petroleum Coke	—	1,881	3,291	63	1,291	6,526
Refinery	—	1,881	3,291	63	1,291	6,526
Asphalt and Road Oil	4,431	8,925	5,904	1,383	1,775	22,418
Refinery	633	4,065	2,376	813	596	8,483
Bulk Terminal	3,798	4,860	3,528	570	1,179	13,935
Miscellaneous Products	68	119	662	17	73	939
Refinery	68	119	573	17	73	850
Bulk Terminal	—	—	89	—	—	89
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	130,563	289,491	1,025,923	47,485	135,621	1,629,083

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, November 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,340	106,829	617,247	24,902	48,722	805,040
Refinery	5,144	13,799	40,944	2,598	20,076	82,561
Tank Farms and Pipelines (Includes Cushing, OK)	2,196	93,030	187,884	22,304	24,808	330,222
Cushing, Oklahoma	--	24,204	--	--	--	24,204
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	388,419	--	--	388,419
Alaskan In Transit	--	--	--	--	3,838	3,838
Total Stocks, All Oils (excluding Crude Oil)²	127,756	180,001	387,913	24,056	90,430	810,156
Refinery	12,150	48,442	116,018	9,787	48,817	235,214
Bulk Terminal	87,468	93,556	211,536	7,718	35,374	435,652
Pipeline	27,895	36,457	59,040	6,386	5,736	135,514
Natural Gas Processing Plant	243	1,546	1,319	165	503	3,776
Natural Gas Liquids	11,796	58,818	151,268	6,980	5,282	234,145
Refinery	351	3,746	4,829	310	1,561	10,797
Bulk Terminal	8,890	35,510	121,711	2,058	3,218	171,388
Pipeline	2,312	18,016	23,409	4,447	--	48,184
Natural Gas Processing Plant	243	1,546	1,319	165	503	3,776
Ethane	1,038	6,990	47,696	1,073	--	56,797
Refinery	--	--	23	--	--	23
Bulk Terminal	462	2,997	38,793	--	--	42,252
Pipeline	576	3,859	8,841	1,069	--	14,345
Natural Gas Processing Plant	--	134	39	4	--	177
Propane	8,598	26,132	48,024	2,791	2,127	87,672
Refinery	119	1,390	975	29	92	2,605
Bulk Terminal	6,890	20,064	40,037	1,058	1,933	69,982
Pipeline	1,468	3,770	6,860	1,637	--	13,735
Natural Gas Processing Plant	121	908	152	67	102	1,350
Normal Butane	1,774	13,280	31,704	1,875	2,760	51,393
Refinery	181	1,540	2,794	194	1,114	5,823
Bulk Terminal	1,373	10,187	25,925	985	1,275	39,745
Pipeline	183	1,364	2,690	665	--	4,902
Natural Gas Processing Plant	37	189	295	31	371	923
Isobutane	117	2,273	8,769	438	370	11,967
Refinery	51	541	721	80	353	1,746
Bulk Terminal	--	716	6,307	--	--	7,023
Pipeline	45	901	1,383	342	--	2,671
Natural Gas Processing Plant	21	115	358	16	17	527
Natural Gasoline	269	10,143	15,075	803	25	26,316
Refinery	--	275	316	7	2	600
Bulk Terminal	165	1,546	10,649	15	10	12,386
Pipeline	40	8,122	3,635	734	--	12,531
Natural Gas Processing Plant	64	200	475	47	13	799
Refinery Olefins	278	404	1,203	98	27	2,010
Refinery	278	404	1,203	98	27	2,010
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	164	386	600	7	11	1,168
Refinery	164	386	600	7	11	1,168
Normal Butylene	109	18	603	91	16	837
Refinery	109	18	603	91	16	837
Isobutylene	5	0	0	0	0	5
Refinery	5	0	0	0	0	5
Other Hydrocarbons	--	21	--	--	--	21
Refinery	--	21	--	--	--	21
Biofuels (Including Fuel Ethanol)²	8,143	10,449	5,870	525	5,151	30,138
Refinery	248	113	956	94	966	2,377
Bulk Terminal	7,895	10,336	4,914	427	4,185	27,757
Pipeline	--	--	--	4	--	4
Fuel Ethanol	7,103	9,401	4,075	343	2,653	23,575
Refinery	236	102	854	86	187	1,465
Bulk Terminal	6,867	9,299	3,221	253	2,466	22,106
Pipeline	--	--	--	4	--	4
Biodiesel	1,040	954	660	12	566	3,232
Refinery	12	11	102	8	6	139
Bulk Terminal	1,028	943	558	4	560	3,093
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	59	986	157	1,886	3,087
Refinery	--	--	--	--	773	773
Bulk Terminal	--	59	986	157	1,113	2,314
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	34	149	13	47	244
Refinery	--	--	--	--	--	--
Bulk Terminal	--	34	149	13	47	244
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, November 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,975	13,378	45,960	2,746	18,115	84,174
Naphthas and Lighter	924	3,298	10,111	566	3,126	18,025
Refinery	908	3,260	8,951	566	2,918	16,603
Bulk Terminal	16	38	1,160	—	208	1,422
Kerosene and Light Gas Oils	444	2,396	8,705	518	3,121	15,184
Refinery	444	2,396	6,288	518	3,029	12,675
Bulk Terminal	—	—	2,417	—	92	2,509
Heavy Gas Oils	1,969	5,571	20,643	979	8,306	37,468
Refinery	1,945	5,164	17,340	979	8,195	33,623
Bulk Terminal	24	407	3,303	—	111	3,845
Residuum	638	2,113	6,501	683	3,562	13,497
Refinery	638	2,113	6,501	683	3,562	13,497
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	48,896	43,106	77,337	6,155	29,315	204,809
Refinery	3,142	13,225	26,913	2,828	14,471	60,579
Bulk Terminal	34,151	21,470	32,896	2,354	11,731	102,602
Pipeline	11,603	8,411	17,528	973	3,113	41,628
Reformulated - RBOB	16,390	4,444	10,016	—	14,599	45,450
Refinery	1,335	825	1,262	—	5,291	8,713
Bulk Terminal	12,165	3,202	5,107	—	7,192	27,667
Pipeline	2,890	417	3,647	—	2,116	9,070
Conventional	32,506	38,661	67,321	6,155	14,716	159,359
Refinery	1,807	12,400	25,651	2,828	9,180	51,866
Bulk Terminal	21,986	18,267	27,789	2,354	4,539	74,935
Pipeline	8,713	7,994	13,881	973	997	32,558
CBOB	26,225	31,361	37,266	4,840	7,402	107,094
Refinery	206	5,976	10,951	1,516	2,487	21,136
Bulk Terminal	17,618	17,467	12,621	2,351	3,920	53,977
Pipeline	8,401	7,918	13,694	973	995	31,981
GTAB	807	—	—	—	—	807
Refinery	—	—	—	—	—	—
Bulk Terminal	807	—	—	—	—	807
Pipeline	—	—	—	—	—	—
Other	5,474	7,300	30,055	1,315	7,314	51,458
Refinery	1,601	6,424	14,700	1,312	6,693	30,730
Bulk Terminal	3,561	800	15,168	3	619	20,151
Pipeline	312	76	187	—	2	577
Aviation Gasoline Blending Components	—	—	39	—	—	39
Refinery	—	—	39	—	—	39
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,206	3,889	7,491	1,045	1,914	16,545
Refinery	33	858	3,255	659	592	5,397
Bulk Terminal	613	1,121	3,949	180	1,305	7,168
Pipeline	1,560	1,910	287	206	17	3,980
Reformulated	5	—	—	—	17	23
Refinery	—	—	—	—	17	17
Bulk Terminal	5	—	—	1	—	6
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	1	17	23
Refinery	—	—	—	—	17	17
Bulk Terminal	5	—	—	1	—	6
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,201	3,889	7,491	1,044	1,897	16,522
Refinery	33	858	3,255	659	575	5,380
Bulk Terminal	608	1,121	3,949	179	1,305	7,162
Pipeline	1,560	1,910	287	206	17	3,980
Conventional (Blended with Fuel Ethanol)	—	91	—	68	31	190
Refinery	—	—	—	67	—	67
Bulk Terminal	—	91	—	1	31	123
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	91	—	68	—	159
Refinery	—	—	—	67	—	67
Bulk Terminal	—	91	—	1	—	92
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	0	—	—	31	31
Refinery	—	—	—	—	—	—
Bulk Terminal	—	0	—	—	31	31
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,201	3,798	7,491	976	1,866	16,332
Refinery	33	858	3,255	592	575	5,313
Bulk Terminal	608	1,030	3,949	178	1,274	7,039
Pipeline	1,560	1,910	287	206	17	3,980

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, November 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	165	191	450	9	302	1,117
Refinery	—	44	302	9	161	516
Bulk Terminal	165	147	148	—	141	601
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	9,033	7,251	11,812	880	8,836	37,812
Refinery	531	1,985	4,886	320	3,435	11,157
Bulk Terminal	4,443	3,499	3,242	445	4,381	16,010
Pipeline	4,059	1,767	3,684	115	1,020	10,645
Kerosene	987	300	591	1	3	1,882
Refinery	75	266	97	1	2	441
Bulk Terminal	804	11	367	—	1	1,183
Pipeline	108	23	127	—	—	258
Distillate Fuel Oil²	30,734	27,653	45,813	3,655	12,746	120,601
Refinery	1,493	6,477	16,107	1,525	4,843	30,445
Bulk Terminal	20,988	14,846	15,701	1,489	6,317	59,341
Pipeline	8,253	6,330	14,005	641	1,586	30,815
15 ppm sulfur and Under	28,353	27,014	38,786	3,483	11,824	109,460
Refinery	1,169	6,067	13,503	1,384	4,254	26,377
Bulk Terminal	19,272	14,788	11,857	1,458	6,073	53,448
Pipeline	7,912	6,159	13,426	641	1,497	29,635
Greater than 15 ppm to 500 ppm sulfur	714	321	1,360	127	296	2,818
Refinery	158	109	687	96	241	1,291
Bulk Terminal	553	47	570	31	—	1,201
Pipeline	3	165	103	—	55	326
Greater than 500 ppm sulfur	1,667	318	5,667	45	626	8,323
Refinery	166	301	1,917	45	348	2,777
Bulk Terminal	1,163	11	3,274	—	244	4,692
Pipeline	338	6	476	—	34	854
Residual Fuel Oil	5,624	1,100	17,979	194	4,468	29,365
Refinery	241	954	3,794	194	2,249	7,432
Bulk Terminal	5,383	146	14,185	—	2,219	21,933
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	304	190	1,037	29	562	2,122
Refinery	12	189	54	29	25	309
Bulk Terminal	292	1	983	—	537	1,813
0.31% to 1.00% Sulfur	1,177	223	4,410	4	826	6,640
Refinery	41	221	886	4	454	1,606
Bulk Terminal	1,136	2	3,524	—	372	5,034
Greater than 1.00% Percent Sulfur	4,143	687	12,532	161	3,080	20,603
Refinery	188	544	2,854	161	1,770	5,517
Bulk Terminal	3,955	143	9,678	—	1,310	15,086
Petrochemical Feedstocks	—	514	2,053	—	—	2,567
Refinery	—	514	2,053	—	—	2,567
Naphtha for Petrochemical Feedstock Use	—	389	1,436	—	—	1,825
Other Oils for Petrochemical Feedstock Use	—	125	617	—	—	742
Special Naphthas	55	150	822	—	25	1,052
Refinery	36	69	810	—	25	940
Bulk Terminal	19	81	12	—	—	112
Lubricants	1,432	765	8,987	—	840	12,024
Refinery	900	237	5,234	—	658	7,029
Bulk Terminal	532	528	3,753	—	182	4,995
Waxes	205	48	339	—	—	592
Refinery	205	48	339	—	—	592
Petroleum Coke	—	2,106	3,414	76	1,297	6,893
Refinery	—	2,106	3,414	76	1,297	6,893
Asphalt and Road Oil	4,168	9,642	5,792	1,669	2,033	23,304
Refinery	624	4,330	2,112	904	751	8,721
Bulk Terminal	3,544	5,312	3,680	765	1,282	14,583
Miscellaneous Products	58	217	693	23	75	1,066
Refinery	58	112	595	23	75	863
Bulk Terminal	—	105	98	—	—	203
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	135,096	286,830	1,005,160	48,958	139,152	1,615,196

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, December 2022
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	7,612	107,006	615,091	24,421	48,002	802,132
Refinery	5,642	13,680	45,341	2,449	20,535	87,647
Tank Farms and Pipelines (Includes Cushing, OK)	1,970	93,326	197,720	21,972	24,611	339,599
Cushing, Oklahoma	--	26,095	--	--	--	26,095
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	372,030	--	--	372,030
Alaskan In Transit	--	--	--	--	2,856	2,856
Total Stocks, All Oils (excluding Crude Oil)²	135,213	175,825	364,358	23,817	93,277	792,490
Refinery	11,743	46,883	114,116	10,451	49,914	233,107
Bulk Terminal	93,901	90,043	192,126	6,737	38,279	421,086
Pipeline	29,307	37,309	56,497	6,476	4,723	134,312
Natural Gas Processing Plant	262	1,590	1,619	153	361	3,985
Natural Gas Liquids	9,555	52,061	137,791	6,039	3,831	209,277
Refinery	465	3,514	4,963	330	1,304	10,576
Bulk Terminal	6,768	28,918	107,463	1,073	2,166	146,388
Pipeline	2,060	18,039	23,746	4,483	--	48,328
Natural Gas Processing Plant	262	1,590	1,619	153	361	3,985
Ethane	860	6,195	45,455	1,036	--	53,546
Refinery	--	--	18	--	--	18
Bulk Terminal	297	2,278	36,708	--	--	39,283
Pipeline	563	3,757	8,699	1,032	--	14,051
Natural Gas Processing Plant	--	160	30	4	--	194
Propane	6,839	23,115	42,813	2,395	1,480	76,642
Refinery	105	1,256	928	41	130	2,460
Bulk Terminal	5,442	17,407	34,766	574	1,313	59,502
Pipeline	1,164	3,715	6,973	1,717	--	13,569
Natural Gas Processing Plant	128	737	146	63	37	1,111
Normal Butane	1,514	10,101	26,706	1,411	2,033	41,765
Refinery	278	1,377	2,840	210	898	5,603
Bulk Terminal	937	6,981	20,809	484	850	30,061
Pipeline	250	1,489	2,697	690	--	5,126
Natural Gas Processing Plant	49	254	360	27	285	975
Isobutane	140	2,021	9,311	425	296	12,193
Refinery	82	494	795	74	274	1,719
Bulk Terminal	--	586	6,544	--	--	7,130
Pipeline	44	799	1,418	337	--	2,598
Natural Gas Processing Plant	14	142	554	14	22	746
Natural Gasoline	202	10,629	13,506	772	22	25,131
Refinery	--	387	382	5	2	776
Bulk Terminal	92	1,666	8,636	15	3	10,412
Pipeline	39	8,279	3,959	707	--	12,984
Natural Gas Processing Plant	71	297	529	45	17	959
Refinery Olefins	153	383	1,242	78	17	1,873
Refinery	153	383	1,242	78	17	1,873
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Propylene	137	372	805	10	14	1,338
Refinery	137	372	805	10	14	1,338
Normal Butylene	0	11	437	68	3	519
Refinery	0	11	437	68	3	519
Isobutylene	16	0	0	0	0	16
Refinery	16	0	0	0	0	16
Other Hydrocarbons	--	10	--	--	--	10
Refinery	--	10	--	--	--	10
Biofuels (Including Fuel Ethanol)²	8,139	11,055	6,045	622	5,679	31,540
Refinery	188	113	1,300	104	1,277	2,982
Bulk Terminal	7,902	10,942	4,745	518	4,402	28,509
Pipeline	49	--	--	--	--	49
Fuel Ethanol	7,034	9,826	4,470	384	2,532	24,245
Refinery	179	94	1,205	94	173	1,745
Bulk Terminal	6,806	9,732	3,265	290	2,359	22,451
Pipeline	49	--	--	--	--	49
Biodiesel	1,106	1,106	695	14	687	3,608
Refinery	9	19	95	10	7	140
Bulk Terminal	1,097	1,087	600	4	680	3,468
Pipeline	--	--	--	--	--	--
Renewable Diesel Fuel	--	80	715	207	2,404	3,405
Refinery	--	--	--	--	1,097	1,097
Bulk Terminal	--	80	715	207	1,307	2,308
Pipeline	--	--	--	--	--	--
Other Biofuels³	--	43	166	18	56	282
Refinery	--	--	--	--	--	--
Bulk Terminal	--	43	166	18	56	282
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, December 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	3,457	13,573	47,644	2,995	18,713	86,382
Naphthas and Lighter	855	2,961	10,660	640	2,693	17,809
Refinery	855	2,935	9,728	640	2,517	16,675
Bulk Terminal	—	26	932	—	176	1,134
Kerosene and Light Gas Oils	431	2,806	8,422	709	3,084	15,452
Refinery	431	2,806	6,355	709	3,004	13,305
Bulk Terminal	—	—	2,067	—	80	2,147
Heavy Gas Oils	1,568	5,613	22,263	943	9,548	39,935
Refinery	1,544	5,254	19,471	943	8,907	36,119
Bulk Terminal	24	359	2,792	—	641	3,816
Residuum	603	2,193	6,299	703	3,388	13,186
Refinery	603	2,193	6,299	703	3,388	13,186
Bulk Terminal	—	—	—	—	—	—
Motor Gasoline Blending Components²	53,504	43,375	73,642	6,280	30,371	207,172
Refinery	3,234	12,579	24,931	3,041	13,958	57,743
Bulk Terminal	37,862	22,318	31,275	2,201	13,562	107,218
Pipeline	12,408	8,478	17,436	1,038	2,851	42,211
Reformulated - RBOB	19,097	4,335	8,986	—	15,353	47,772
Refinery	1,281	777	1,158	—	5,443	8,659
Bulk Terminal	14,191	2,991	4,476	—	8,338	29,997
Pipeline	3,625	567	3,352	—	1,572	9,116
Conventional	34,407	39,039	64,656	6,280	15,018	159,400
Refinery	1,953	11,802	23,773	3,041	8,515	49,084
Bulk Terminal	23,671	19,326	26,799	2,201	5,224	77,221
Pipeline	8,783	7,911	14,084	1,038	1,279	33,095
CBOB	26,311	32,068	36,147	4,921	7,787	107,234
Refinery	229	5,929	10,435	1,685	2,428	20,706
Bulk Terminal	17,301	18,269	11,860	2,198	4,085	53,713
Pipeline	8,781	7,870	13,852	1,038	1,274	32,815
GTAB	1,082	—	—	—	—	1,082
Refinery	—	—	—	—	—	—
Bulk Terminal	1,082	—	—	—	—	1,082
Pipeline	—	—	—	—	—	—
Other	7,014	6,971	28,509	1,359	7,231	51,084
Refinery	1,724	5,873	13,338	1,356	6,087	28,378
Bulk Terminal	5,288	1,057	14,939	3	1,139	22,426
Pipeline	2	41	232	—	5	280
Aviation Gasoline Blending Components	—	—	33	—	—	33
Refinery	—	—	33	—	—	33
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	2,894	3,237	7,768	1,137	2,202	17,238
Refinery	19	490	3,558	778	743	5,588
Bulk Terminal	526	1,008	3,869	200	1,443	7,046
Pipeline	2,349	1,739	341	159	16	4,604
Reformulated	5	—	—	—	15	20
Refinery	—	—	—	—	15	15
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	5	—	—	—	15	20
Refinery	—	—	—	—	15	15
Bulk Terminal	5	—	—	—	—	5
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	2,889	3,237	7,768	1,137	2,187	17,218
Refinery	19	490	3,558	778	728	5,573
Bulk Terminal	521	1,008	3,869	200	1,443	7,041
Pipeline	2,349	1,739	341	159	16	4,604
Conventional (Blended with Fuel Ethanol)	—	184	—	60	34	278
Refinery	—	—	—	58	—	58
Bulk Terminal	—	184	—	2	34	220
Pipeline	—	—	—	—	—	—
Ed55 and Lower	—	184	—	60	—	244
Refinery	—	—	—	58	—	58
Bulk Terminal	—	184	—	2	—	186
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	34	34
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	34	34
Pipeline	—	—	—	—	—	—
Conventional (Other)	2,889	3,053	7,768	1,077	2,153	16,940
Refinery	19	490	3,558	720	728	5,515
Bulk Terminal	521	824	3,869	198	1,409	6,821
Pipeline	2,349	1,739	341	159	16	4,604

See footnotes at end of table.

Table 34. Stocks of Crude Oil and Petroleum Products by PAD District, December 2022
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	206	203	551	9	337	1,306
Refinery	—	62	394	9	205	670
Bulk Terminal	206	141	157	—	132	636
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	8,957	6,802	9,595	755	8,930	35,039
Refinery	508	1,631	4,148	372	3,506	10,165
Bulk Terminal	5,158	2,920	2,571	233	4,655	15,537
Pipeline	3,291	2,251	2,876	150	769	9,337
Kerosene	1,659	98	409	2	13	2,181
Refinery	84	94	54	2	2	236
Bulk Terminal	1,244	4	294	—	11	1,553
Pipeline	331	—	61	—	—	392
Distillate Fuel Oil²	34,402	28,940	38,554	3,705	13,298	118,899
Refinery	1,380	5,768	12,690	1,650	5,346	26,834
Bulk Terminal	24,203	16,370	13,827	1,409	6,865	62,674
Pipeline	8,819	6,802	12,037	646	1,087	29,391
15 ppm sulfur and Under	32,015	28,138	32,707	3,509	12,374	108,743
Refinery	1,038	5,306	10,350	1,509	4,779	22,982
Bulk Terminal	22,323	16,286	10,639	1,354	6,606	57,208
Pipeline	8,654	6,546	11,718	646	989	28,553
Greater than 15 ppm to 500 ppm sulfur	591	397	1,131	148	232	2,499
Refinery	126	103	534	93	199	1,055
Bulk Terminal	465	49	497	55	1	1,067
Pipeline	—	245	100	—	32	377
Greater than 500 ppm sulfur	1,796	405	4,716	48	692	7,657
Refinery	216	359	1,806	48	368	2,797
Bulk Terminal	1,415	35	2,691	—	258	4,399
Pipeline	165	11	219	—	66	461
Residual Fuel Oil	5,611	1,188	18,640	210	5,090	30,739
Refinery	367	1,065	4,688	210	2,610	8,940
Bulk Terminal	5,244	123	13,952	—	2,480	21,799
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	293	219	1,541	26	701	2,780
Refinery	18	216	60	26	36	356
Bulk Terminal	275	3	1,481	—	665	2,424
0.31% to 1.00% Sulfur	842	244	4,227	4	854	6,171
Refinery	102	242	970	4	430	1,748
Bulk Terminal	740	2	3,257	—	424	4,423
Greater than 1.00% Percent Sulfur	4,476	725	12,872	180	3,535	21,788
Refinery	247	607	3,658	180	2,144	6,836
Bulk Terminal	4,229	118	9,214	—	1,391	14,952
Petrochemical Feedstocks	—	528	1,860	—	—	2,388
Refinery	—	528	1,860	—	—	2,388
Naphtha for Petrochemical Feedstock Use	—	393	1,390	—	—	1,783
Other Oils for Petrochemical Feedstock Use	—	135	470	—	—	605
Special Naphthas	61	160	766	—	32	1,019
Refinery	34	75	755	—	32	896
Bulk Terminal	27	85	11	—	—	123
Lubricants	1,540	760	10,058	—	1,027	13,385
Refinery	970	227	5,914	—	794	7,905
Bulk Terminal	570	533	4,144	—	233	5,480
Waxes	221	47	333	—	—	601
Refinery	221	47	333	—	—	601
Petroleum Coke	—	2,619	2,894	97	1,264	6,874
Refinery	—	2,619	2,894	97	1,264	6,874
Asphalt and Road Oil	4,788	10,548	5,930	1,871	2,395	25,532
Refinery	621	4,358	1,955	769	962	8,665
Bulk Terminal	4,167	6,190	3,975	1,102	1,433	16,867
Miscellaneous Products	66	239	603	16	78	1,002
Refinery	66	132	551	16	78	843
Bulk Terminal	—	107	52	—	—	159
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	142,825	282,831	979,449	48,238	141,279	1,594,622

-- = Not Applicable.

- = No Data Reported.

1 Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

2 Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

3 Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, January 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	4	780	784	15,672	35,125	50,797	1,199
Connecticut	—	—	—	1,325	22	1,347	80
Delaware	—	—	—	1,126	489	1,615	57
District of Columbia	—	—	—	—	—	—	—
Florida	—	374	374	—	7,089	7,089	—
Georgia	—	131	131	—	3,181	3,181	—
Maine	—	—	—	229	220	449	123
Maryland	—	—	—	1,429	98	1,527	66
Massachusetts	3	—	3	1,375	8	1,383	17
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	42	42	6,286	11,269	17,555	190
New York	1	—	1	861	1,529	2,390	409
North Carolina	—	82	82	—	3,366	3,366	98
Pennsylvania	—	—	—	637	4,363	5,000	105
Rhode Island	—	—	—	645	25	670	—
South Carolina	—	111	111	—	1,598	1,598	27
Vermont	—	—	—	—	30	30	5
Virginia	—	18	18	1,759	1,652	3,411	22
West Virginia	—	22	22	—	186	186	—
PAD District 2	—	2,229	2,229	4,917	40,816	45,733	180
Illinois	—	40	40	2,674	4,493	7,167	128
Indiana	—	84	84	799	5,096	5,895	1
Iowa	—	45	45	—	2,699	2,699	—
Kansas	—	376	376	—	4,334	4,334	18
Kentucky	—	81	81	428	1,502	1,930	—
Michigan	—	10	10	46	3,263	3,309	—
Minnesota	—	283	283	0	2,551	2,551	—
Missouri	—	160	160	386	912	1,298	—
Nebraska	—	61	61	—	857	857	—
North Dakota	—	57	57	—	1,034	1,034	—
Ohio	—	522	522	—	4,923	4,923	21
Oklahoma	—	293	293	—	4,627	4,627	—
South Dakota	—	43	43	—	518	518	—
Tennessee	—	70	70	—	2,327	2,327	—
Wisconsin	—	104	104	584	1,680	2,264	12
PAD District 3	—	6,622	6,622	7,169	54,597	61,766	145
Alabama	—	128	128	11	1,678	1,689	3
Arkansas	—	142	142	—	1,000	1,000	—
Louisiana	—	646	646	90	13,096	13,186	9
Mississippi	—	1,066	1,066	22	1,933	1,955	—
New Mexico	—	24	24	7	584	591	—
Texas	—	4,616	4,616	7,039	36,306	43,345	133
PAD District 4	—	1,453	1,453	—	6,294	6,294	2
Colorado	—	332	332	—	1,768	1,768	—
Idaho	—	41	41	—	398	398	—
Montana	—	367	367	—	1,636	1,636	—
Utah	—	113	113	—	1,518	1,518	2
Wyoming	—	600	600	—	974	974	—
PAD District 5	14	2,001	2,015	13,880	13,372	27,252	18
Alaska	—	259	259	—	549	549	17
Arizona	—	65	65	893	248	1,141	—
California	14	315	329	12,738	6,814	19,552	1
Hawaii	—	400	400	—	644	644	—
Nevada	—	238	238	25	409	434	—
Oregon	—	132	132	—	1,321	1,321	—
Washington	—	592	592	224	3,387	3,611	—
U.S. Total	18	13,085	13,103	41,638	150,204	191,842	1,544

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, January 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	24,819	838	1,702	27,359	4,254	4,161
Connecticut	1,496	—	—	1,496	29	—
Delaware	586	43	44	673	211	10
District of Columbia	—	—	—	—	—	—
Florida	2,329	125	—	2,454	632	175
Georgia	1,317	—	—	1,317	134	15
Maine	1,106	2	4	1,112	89	—
Maryland	1,765	—	—	1,765	124	—
Massachusetts	1,303	26	16	1,345	118	—
New Hampshire	621	—	—	621	25	226
New Jersey	5,142	377	1,067	6,586	2,365	62
New York	2,679	—	80	2,759	207	857
North Carolina	1,168	—	6	1,174	—	291
Pennsylvania	2,622	—	108	2,730	168	1,881
Rhode Island	842	—	—	842	—	—
South Carolina	643	—	—	643	56	427
Vermont	23	—	—	23	—	—
Virginia	1,064	228	377	1,669	96	4
West Virginia	113	37	—	150	—	78
PAD District 2	24,492	122	395	25,009	1,039	11,628
Illinois	3,359	—	1	3,360	439	748
Indiana	3,046	0	51	3,097	75	331
Iowa	2,772	2	—	2,774	1	227
Kansas	2,206	—	—	2,206	34	6,894
Kentucky	971	8	—	979	—	179
Michigan	1,499	9	—	1,508	127	2,336
Minnesota	1,857	—	126	1,983	130	144
Missouri	672	16	5	693	—	116
Nebraska	840	—	—	840	—	248
North Dakota	1,089	1	—	1,090	42	40
Ohio	2,004	13	74	2,091	70	202
Oklahoma	1,517	73	138	1,728	53	115
South Dakota	690	—	—	690	—	5
Tennessee	895	—	—	895	57	3
Wisconsin	1,074	—	—	1,074	11	40
PAD District 3	22,793	1,206	4,065	28,064	16,553	16,587
Alabama	858	5	28	891	292	14
Arkansas	722	—	—	722	—	40
Louisiana	5,181	529	1,512	7,222	8,282	1,726
Mississippi	814	265	55	1,134	520	1,016
New Mexico	269	—	—	269	53	3
Texas	14,949	407	2,470	17,826	7,406	13,788
PAD District 4	3,128	173	43	3,344	223	851
Colorado	662	—	—	662	21	20
Idaho	169	—	—	169	—	—
Montana	1,163	74	—	1,237	70	14
Utah	469	21	43	533	49	765
Wyoming	665	78	—	743	83	52
PAD District 5	10,772	301	573	11,646	5,001	1,064
Alaska	783	—	49	832	146	6
Arizona	925	—	—	925	—	687
California	5,069	300	300	5,669	3,076	224
Hawaii	279	1	221	501	556	78
Nevada	323	—	3	326	—	—
Oregon	1,055	—	—	1,055	68	—
Washington	2,338	—	—	2,338	1,155	69
U.S. Total	86,004	2,640	6,778	95,422	27,070	34,291

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, February 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	715	720	15,313	30,794	46,107	915
Connecticut	—	—	—	1,278	12	1,290	51
Delaware	—	—	—	1,266	602	1,868	34
District of Columbia	—	—	—	—	—	—	—
Florida	—	284	284	—	5,992	5,992	—
Georgia	—	90	90	—	2,384	2,384	—
Maine	—	—	—	163	303	466	78
Maryland	—	—	—	1,477	99	1,576	48
Massachusetts	4	—	4	1,426	8	1,434	19
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	95	95	5,834	11,138	16,972	96
New York	1	—	1	955	1,662	2,617	343
North Carolina	—	75	75	—	2,224	2,224	66
Pennsylvania	—	—	—	618	3,825	4,443	124
Rhode Island	—	—	—	765	18	783	—
South Carolina	—	135	135	—	1,148	1,148	24
Vermont	—	—	—	—	24	24	5
Virginia	—	13	13	1,531	1,210	2,741	27
West Virginia	—	23	23	—	145	145	—
PAD District 2	—	2,177	2,177	5,488	41,175	46,664	144
Illinois	—	44	44	2,888	4,903	7,791	89
Indiana	—	109	109	1,024	4,847	5,871	1
Iowa	—	58	58	—	2,841	2,841	—
Kansas	—	376	376	—	4,224	4,224	18
Kentucky	—	103	103	483	1,365	1,848	—
Michigan	—	12	12	64	2,889	2,953	—
Minnesota	—	216	216	0	3,075	3,075	—
Missouri	—	190	190	339	930	1,269	—
Nebraska	—	61	61	—	1,167	1,167	—
North Dakota	—	71	71	—	1,084	1,084	—
Ohio	—	463	463	—	4,960	4,960	26
Oklahoma	—	299	299	—	4,837	4,837	—
South Dakota	—	43	43	—	573	573	—
Tennessee	—	52	52	—	1,680	1,680	—
Wisconsin	—	80	80	690	1,800	2,490	10
PAD District 3	—	6,661	6,661	6,545	57,674	64,219	329
Alabama	—	117	117	6	1,194	1,200	2
Arkansas	—	142	142	—	1,339	1,339	—
Louisiana	—	1,204	1,204	125	13,839	13,964	9
Mississippi	—	609	609	4	1,748	1,752	—
New Mexico	—	28	28	7	547	554	—
Texas	—	4,561	4,561	6,403	39,007	45,410	318
PAD District 4	—	1,334	1,334	—	5,719	5,719	2
Colorado	—	325	325	—	1,569	1,569	—
Idaho	—	33	33	—	460	460	—
Montana	—	364	364	—	1,465	1,465	—
Utah	—	102	102	—	1,391	1,391	2
Wyoming	—	510	510	—	834	834	—
PAD District 5	14	2,137	2,151	11,778	13,401	25,179	12
Alaska	—	275	275	—	561	561	10
Arizona	—	91	91	814	328	1,142	—
California	14	279	293	10,733	6,231	16,964	2
Hawaii	—	646	646	—	626	626	—
Nevada	—	142	142	13	379	392	—
Oregon	—	87	87	—	1,335	1,335	—
Washington	—	617	617	218	3,941	4,159	—
U.S. Total	19	13,024	13,043	39,124	148,763	187,888	1,402

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, February 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	23,616	639	1,021	25,276	4,702	2,595
Connecticut	1,990	—	—	1,990	26	—
Delaware	592	23	47	662	236	13
District of Columbia	—	—	—	—	—	—
Florida	1,999	147	—	2,146	864	82
Georgia	1,195	—	—	1,195	152	12
Maine	1,054	2	4	1,060	59	—
Maryland	993	—	—	993	85	—
Massachusetts	1,279	17	16	1,312	57	—
New Hampshire	577	—	—	577	21	332
New Jersey	5,037	206	460	5,703	2,785	57
New York	2,791	—	110	2,901	207	233
North Carolina	909	—	2	911	—	162
Pennsylvania	2,428	—	95	2,523	150	1,277
Rhode Island	787	—	—	787	—	—
South Carolina	708	—	—	708	27	133
Vermont	14	—	—	14	—	—
Virginia	1,162	211	287	1,660	33	3
West Virginia	101	33	—	134	—	76
PAD District 2	24,945	88	319	25,352	1,318	6,504
Illinois	3,876	—	1	3,877	488	578
Indiana	3,451	0	69	3,520	124	232
Iowa	2,720	2	—	2,722	1	195
Kansas	2,080	—	—	2,080	38	3,726
Kentucky	829	12	—	841	—	39
Michigan	1,416	1	—	1,417	138	923
Minnesota	1,974	—	82	2,056	280	88
Missouri	740	24	2	766	—	113
Nebraska	786	—	—	786	—	155
North Dakota	908	—	—	908	47	32
Ohio	1,782	12	63	1,857	67	272
Oklahoma	1,813	37	102	1,952	59	96
South Dakota	684	—	—	684	—	15
Tennessee	805	—	—	805	61	2
Wisconsin	1,080	—	—	1,080	15	38
PAD District 3	23,435	907	3,799	28,141	17,001	13,442
Alabama	784	5	38	827	473	14
Arkansas	979	—	—	979	—	10
Louisiana	5,521	353	1,286	7,160	7,691	1,970
Mississippi	774	269	64	1,107	464	500
New Mexico	285	—	—	285	46	4
Texas	15,092	280	2,411	17,783	8,327	10,944
PAD District 4	3,296	151	63	3,510	251	571
Colorado	751	—	—	751	37	25
Idaho	265	—	—	265	—	—
Montana	1,052	70	—	1,122	75	20
Utah	601	18	63	682	62	463
Wyoming	627	63	—	690	77	63
PAD District 5	10,240	276	569	11,085	4,766	742
Alaska	846	—	50	896	116	4
Arizona	743	—	—	743	—	330
California	4,918	275	296	5,489	3,019	129
Hawaii	326	1	221	548	592	48
Nevada	386	—	2	388	—	—
Oregon	908	—	—	908	51	—
Washington	2,113	—	—	2,113	988	231
U.S. Total	85,532	2,061	5,771	93,364	28,038	23,854

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, March 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	950	955	13,456	30,862	44,318	799
Connecticut	—	—	—	1,144	26	1,170	16
Delaware	—	—	—	826	611	1,437	93
District of Columbia	—	—	—	—	—	—	—
Florida	—	299	299	—	5,278	5,278	—
Georgia	—	63	63	—	2,136	2,136	—
Maine	—	—	—	132	428	560	62
Maryland	—	—	—	1,313	64	1,377	44
Massachusetts	4	—	4	1,014	8	1,022	12
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	381	381	5,678	11,750	17,428	68
New York	1	—	1	684	1,468	2,152	294
North Carolina	—	49	49	—	2,878	2,878	62
Pennsylvania	—	—	—	504	3,869	4,373	97
Rhode Island	—	—	—	603	5	608	—
South Carolina	—	111	111	—	1,262	1,262	24
Vermont	—	—	—	—	34	34	3
Virginia	—	18	18	1,558	922	2,480	24
West Virginia	—	29	29	—	123	123	—
PAD District 2	—	1,955	1,955	4,829	39,300	44,130	116
Illinois	—	35	35	2,394	4,927	7,321	70
Indiana	—	97	97	913	4,876	5,789	1
Iowa	—	43	43	—	2,663	2,663	—
Kansas	—	214	214	—	3,246	3,246	16
Kentucky	—	63	63	446	1,292	1,738	—
Michigan	—	7	7	68	3,082	3,150	—
Minnesota	—	244	244	0	3,057	3,057	—
Missouri	—	139	139	194	892	1,086	—
Nebraska	—	46	46	—	1,010	1,010	—
North Dakota	—	73	73	—	1,062	1,062	—
Ohio	—	590	590	—	4,940	4,940	21
Oklahoma	—	205	205	—	4,095	4,095	—
South Dakota	—	43	43	—	570	570	—
Tennessee	—	63	63	—	1,933	1,933	—
Wisconsin	—	93	93	814	1,655	2,469	8
PAD District 3	—	6,568	6,568	7,417	54,299	61,716	351
Alabama	—	135	135	13	1,280	1,293	2
Arkansas	—	94	94	—	782	782	—
Louisiana	—	1,204	1,204	492	12,784	13,276	9
Mississippi	—	1,166	1,166	3	1,749	1,752	—
New Mexico	—	20	20	11	484	495	—
Texas	—	3,949	3,949	6,898	37,220	44,118	340
PAD District 4	—	1,355	1,355	—	5,458	5,458	2
Colorado	—	328	328	—	1,120	1,120	—
Idaho	—	42	42	—	500	500	—
Montana	—	315	315	—	1,532	1,532	—
Utah	—	99	99	—	1,322	1,322	2
Wyoming	—	571	571	—	984	984	—
PAD District 5	26	1,777	1,803	11,744	13,492	25,236	13
Alaska	—	319	319	—	473	473	12
Arizona	—	102	102	664	321	985	—
California	26	192	218	10,826	6,294	17,120	1
Hawaii	—	417	417	—	738	738	—
Nevada	—	78	78	12	284	296	—
Oregon	—	98	98	—	1,429	1,429	—
Washington	—	571	571	242	3,953	4,195	—
U.S. Total	31	12,604	12,635	37,446	143,411	180,858	1,281

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, March 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	17,956	649	1,029	19,634	4,467	2,792
Connecticut	1,385	—	—	1,385	18	—
Delaware	376	73	81	530	187	9
District of Columbia	—	—	—	—	—	—
Florida	1,691	53	—	1,744	813	54
Georgia	1,323	—	—	1,323	179	11
Maine	893	1	4	898	34	—
Maryland	583	—	—	583	123	—
Massachusetts	1,119	12	16	1,147	70	—
New Hampshire	401	—	—	401	18	194
New Jersey	2,422	254	510	3,186	2,592	61
New York	1,885	—	107	1,992	164	176
North Carolina	932	—	—	932	—	101
Pennsylvania	2,403	—	37	2,440	190	2,005
Rhode Island	547	—	—	547	—	—
South Carolina	729	—	—	729	46	22
Vermont	6	—	—	6	—	—
Virginia	1,161	214	274	1,649	33	5
West Virginia	100	42	—	142	—	72
PAD District 2	21,838	164	420	22,422	1,112	5,437
Illinois	2,737	—	1	2,738	382	407
Indiana	3,368	—	95	3,463	64	274
Iowa	2,228	1	—	2,229	1	194
Kansas	1,526	—	—	1,526	40	3,141
Kentucky	761	2	—	763	—	91
Michigan	1,534	14	—	1,548	200	476
Minnesota	1,960	—	103	2,063	193	87
Missouri	590	24	7	621	—	145
Nebraska	474	—	—	474	—	54
North Dakota	817	—	—	817	43	36
Ohio	1,936	12	57	2,005	90	403
Oklahoma	1,470	111	157	1,738	50	80
South Dakota	587	—	—	587	—	12
Tennessee	955	—	—	955	34	1
Wisconsin	894	—	—	894	15	36
PAD District 3	23,001	1,153	4,256	28,410	18,256	14,256
Alabama	790	4	44	838	484	18
Arkansas	551	—	—	551	—	7
Louisiana	5,627	590	1,177	7,394	8,021	2,607
Mississippi	1,073	318	68	1,459	501	641
New Mexico	321	—	—	321	46	2
Texas	14,639	241	2,967	17,847	9,204	10,981
PAD District 4	2,734	163	51	2,948	228	420
Colorado	441	—	—	441	23	25
Idaho	225	—	—	225	—	—
Montana	1,049	101	—	1,150	65	20
Utah	492	18	51	561	61	288
Wyoming	527	44	—	571	79	87
PAD District 5	11,060	287	703	12,050	4,032	536
Alaska	1,080	—	36	1,116	55	1
Arizona	469	—	—	469	—	33
California	5,254	287	371	5,912	2,649	170
Hawaii	279	—	294	573	562	64
Nevada	431	—	2	433	—	—
Oregon	991	—	—	991	44	—
Washington	2,556	—	—	2,556	722	268
U.S. Total	76,590	2,416	6,459	85,465	28,095	23,441

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, April 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	4	798	802	12,258	25,182	37,440	612
Connecticut	—	—	—	1,073	26	1,099	3
Delaware	—	—	—	528	711	1,239	142
District of Columbia	—	—	—	—	—	—	—
Florida	—	514	514	—	6,313	6,313	—
Georgia	—	69	69	—	1,823	1,823	—
Maine	—	—	—	155	259	414	46
Maryland	—	—	—	895	81	976	9
Massachusetts	3	—	3	962	—	962	9
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	—	—	5,974	7,968	13,942	19
New York	1	—	1	410	1,159	1,569	198
North Carolina	—	57	57	—	1,649	1,649	55
Pennsylvania	—	—	—	441	3,275	3,716	81
Rhode Island	—	—	—	821	28	849	—
South Carolina	—	117	117	—	905	905	24
Vermont	—	—	—	—	18	18	3
Virginia	—	14	14	999	871	1,870	23
West Virginia	—	27	27	—	96	96	—
PAD District 2	—	1,899	1,899	4,309	33,663	37,973	105
Illinois	—	60	60	2,339	4,376	6,715	57
Indiana	—	87	87	882	4,232	5,114	1
Iowa	—	54	54	—	2,185	2,185	—
Kansas	—	300	300	—	2,481	2,481	13
Kentucky	—	54	54	336	1,169	1,505	—
Michigan	—	7	7	54	3,139	3,193	—
Minnesota	—	263	263	0	2,451	2,451	—
Missouri	—	87	87	161	673	834	—
Nebraska	—	38	38	—	828	828	—
North Dakota	—	82	82	—	919	919	—
Ohio	—	435	435	—	4,170	4,170	26
Oklahoma	—	240	240	—	3,154	3,154	—
South Dakota	—	26	26	—	478	478	—
Tennessee	—	48	48	—	1,744	1,744	—
Wisconsin	—	118	118	537	1,664	2,201	8
PAD District 3	—	6,695	6,695	7,070	56,236	63,306	474
Alabama	—	72	72	5	1,085	1,090	2
Arkansas	—	99	99	—	884	884	—
Louisiana	—	864	864	753	12,390	13,143	8
Mississippi	—	1,143	1,143	8	2,438	2,446	—
New Mexico	—	26	26	6	510	516	—
Texas	—	4,491	4,491	6,298	38,929	45,227	464
PAD District 4	—	1,300	1,300	—	5,542	5,542	2
Colorado	—	347	347	—	1,393	1,393	—
Idaho	—	32	32	—	497	497	—
Montana	—	352	352	—	1,262	1,262	—
Utah	—	117	117	—	1,615	1,615	2
Wyoming	—	452	452	—	775	775	—
PAD District 5	25	1,965	1,990	12,565	13,303	25,868	8
Alaska	—	338	338	—	514	514	5
Arizona	—	65	65	367	312	679	—
California	25	138	163	12,081	6,254	18,335	3
Hawaii	—	508	508	—	522	522	—
Nevada	—	229	229	8	416	424	—
Oregon	—	85	85	—	1,599	1,599	—
Washington	—	602	602	109	3,686	3,795	—
U.S. Total	29	12,657	12,686	36,202	133,926	170,129	1,201

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, April 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	15,207	574	1,038	16,819	4,828	1,893
Connecticut	773	—	—	773	10	—
Delaware	371	85	79	535	237	8
District of Columbia	—	—	—	—	—	—
Florida	2,243	131	—	2,374	730	43
Georgia	1,211	—	—	1,211	110	17
Maine	883	1	1	885	16	—
Maryland	487	—	—	487	110	—
Massachusetts	687	11	4	702	103	—
New Hampshire	202	—	—	202	16	197
New Jersey	2,022	86	568	2,676	3,095	63
New York	1,450	—	89	1,539	174	282
North Carolina	648	—	—	648	—	267
Pennsylvania	2,303	—	62	2,365	168	786
Rhode Island	379	—	—	379	—	—
South Carolina	490	—	—	490	28	106
Vermont	5	—	—	5	—	—
Virginia	934	208	235	1,377	31	4
West Virginia	119	52	—	171	—	75
PAD District 2	19,914	116	246	20,276	1,203	5,380
Illinois	2,690	—	—	2,690	458	407
Indiana	3,124	—	27	3,151	63	266
Iowa	1,533	1	—	1,534	1	196
Kansas	1,868	—	—	1,868	38	2,790
Kentucky	773	1	—	774	—	109
Michigan	1,393	—	—	1,393	203	722
Minnesota	1,660	—	20	1,680	189	89
Missouri	501	10	3	514	—	91
Nebraska	454	—	—	454	—	124
North Dakota	824	—	—	824	33	30
Ohio	1,887	13	68	1,968	92	407
Oklahoma	1,181	91	128	1,400	56	99
South Dakota	493	—	—	493	—	3
Tennessee	868	—	—	868	59	2
Wisconsin	664	—	—	664	11	45
PAD District 3	22,846	1,085	4,748	28,679	18,418	18,386
Alabama	699	6	31	736	397	17
Arkansas	649	—	—	649	—	12
Louisiana	4,962	388	1,309	6,659	8,500	1,826
Mississippi	908	363	65	1,336	464	1,724
New Mexico	208	—	—	208	73	3
Texas	15,420	328	3,343	19,091	8,984	14,804
PAD District 4	2,715	185	67	2,967	202	481
Colorado	494	—	—	494	32	24
Idaho	232	—	—	232	—	—
Montana	833	128	—	961	51	20
Utah	498	16	67	581	42	358
Wyoming	658	41	—	699	77	79
PAD District 5	10,137	352	576	11,065	4,842	549
Alaska	974	—	27	1,001	135	1
Arizona	606	—	—	606	—	94
California	4,735	351	328	5,414	3,105	255
Hawaii	343	1	219	563	617	86
Nevada	237	—	2	239	—	—
Oregon	1,133	—	—	1,133	55	—
Washington	2,109	—	—	2,109	930	113
U.S. Total	70,818	2,312	6,675	79,805	29,493	26,689

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, May 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	4	858	862	12,299	26,593	38,892	553
Connecticut	—	—	—	982	33	1,015	3
Delaware	—	—	—	580	676	1,256	137
District of Columbia	—	—	—	—	—	—	—
Florida	—	584	584	—	6,485	6,485	—
Georgia	—	81	81	—	2,618	2,618	—
Maine	—	—	—	42	485	527	43
Maryland	—	—	—	831	108	939	9
Massachusetts	3	—	3	1,226	—	1,226	1
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	—	—	5,416	6,913	12,329	22
New York	1	—	1	571	1,330	1,901	161
North Carolina	—	60	60	—	2,065	2,065	53
Pennsylvania	—	—	—	641	3,568	4,209	76
Rhode Island	—	—	—	932	26	958	—
South Carolina	—	91	91	—	1,208	1,208	24
Vermont	—	—	—	—	15	15	2
Virginia	—	14	14	1,078	958	2,036	22
West Virginia	—	28	28	—	105	105	—
PAD District 2	—	1,668	1,668	3,969	29,635	33,605	84
Illinois	—	42	42	2,241	4,202	6,443	52
Indiana	—	78	78	765	4,005	4,770	1
Iowa	—	49	49	—	1,542	1,542	—
Kansas	—	212	212	—	2,372	2,372	10
Kentucky	—	53	53	196	1,297	1,493	—
Michigan	—	9	9	67	2,636	2,703	—
Minnesota	—	327	327	0	2,181	2,181	—
Missouri	—	115	115	194	612	806	—
Nebraska	—	61	61	—	762	762	—
North Dakota	—	43	43	—	688	688	—
Ohio	—	377	377	—	3,429	3,429	14
Oklahoma	—	163	163	—	2,472	2,472	—
South Dakota	—	20	20	—	271	271	—
Tennessee	—	48	48	—	1,964	1,964	—
Wisconsin	—	71	71	506	1,202	1,708	7
PAD District 3	—	6,997	6,997	6,508	51,943	58,451	398
Alabama	—	74	74	33	1,181	1,214	2
Arkansas	—	119	119	—	1,164	1,164	—
Louisiana	—	1,044	1,044	505	12,181	12,686	41
Mississippi	—	1,630	1,630	9	2,355	2,364	—
New Mexico	—	17	17	25	459	484	—
Texas	—	4,113	4,113	5,936	34,603	40,539	355
PAD District 4	—	992	992	—	4,101	4,101	2
Colorado	—	234	234	—	814	814	—
Idaho	—	36	36	—	403	403	—
Montana	—	237	237	—	990	990	—
Utah	—	103	103	—	1,313	1,313	2
Wyoming	—	382	382	—	581	581	—
PAD District 5	27	1,940	1,967	12,743	13,743	26,486	7
Alaska	—	269	269	—	453	453	4
Arizona	—	78	78	673	369	1,042	—
California	27	409	436	11,985	7,028	19,013	3
Hawaii	—	452	452	—	667	667	—
Nevada	—	193	193	13	371	384	—
Oregon	—	80	80	—	1,061	1,061	—
Washington	—	459	459	72	3,794	3,866	—
U.S. Total	31	12,455	12,486	35,519	126,015	161,535	1,044

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, May 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	15,177	576	1,034	16,787	5,352	3,649
Connecticut	793	—	—	793	9	—
Delaware	257	70	101	428	387	13
District of Columbia	—	—	—	—	—	—
Florida	1,629	89	—	1,718	632	103
Georgia	1,586	—	—	1,586	133	10
Maine	611	—	1	612	10	—
Maryland	638	—	—	638	162	—
Massachusetts	790	17	2	809	104	—
New Hampshire	281	—	—	281	12	216
New Jersey	2,142	100	579	2,821	3,527	63
New York	1,434	—	64	1,498	157	428
North Carolina	987	—	—	987	—	134
Pennsylvania	1,795	—	47	1,842	148	2,445
Rhode Island	372	—	—	372	—	—
South Carolina	761	—	—	761	16	108
Vermont	4	—	—	4	—	—
Virginia	999	230	240	1,469	55	5
West Virginia	98	70	—	168	—	92
PAD District 2	19,401	125	275	19,801	1,214	8,957
Illinois	2,548	—	5	2,553	471	661
Indiana	2,537	—	32	2,569	79	232
Iowa	1,475	1	—	1,476	1	209
Kansas	2,099	—	—	2,099	46	5,111
Kentucky	675	9	—	684	—	187
Michigan	1,249	—	—	1,249	200	1,393
Minnesota	1,337	—	23	1,360	129	165
Missouri	655	28	2	685	—	93
Nebraska	556	—	—	556	—	172
North Dakota	694	—	—	694	40	33
Ohio	1,787	16	95	1,898	123	564
Oklahoma	1,557	71	118	1,746	59	88
South Dakota	569	—	—	569	—	9
Tennessee	937	—	—	937	55	4
Wisconsin	726	—	—	726	11	36
PAD District 3	23,237	1,296	5,029	29,562	17,868	23,041
Alabama	671	6	25	702	472	15
Arkansas	665	—	—	665	—	36
Louisiana	5,081	477	1,736	7,294	9,348	2,309
Mississippi	967	518	70	1,555	540	1,175
New Mexico	306	—	—	306	55	3
Texas	15,547	295	3,198	19,040	7,453	19,503
PAD District 4	2,587	165	43	2,795	214	655
Colorado	568	—	—	568	21	28
Idaho	263	—	—	263	—	—
Montana	715	126	—	841	55	19
Utah	557	14	43	614	57	522
Wyoming	484	25	—	509	81	86
PAD District 5	9,958	278	606	10,842	4,837	768
Alaska	822	—	18	840	124	2
Arizona	596	—	—	596	—	251
California	5,180	277	443	5,900	2,866	260
Hawaii	260	1	142	403	835	59
Nevada	301	—	3	304	—	—
Oregon	832	—	—	832	77	—
Washington	1,967	—	—	1,967	935	196
U.S. Total	70,360	2,440	6,987	79,787	29,485	37,070

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, June 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	664	669	12,334	26,398	38,732	459
Connecticut	—	—	—	982	33	1,015	3
Delaware	—	—	—	637	698	1,335	57
District of Columbia	—	—	—	—	—	—	—
Florida	—	379	379	—	5,704	5,704	—
Georgia	—	73	73	—	2,828	2,828	—
Maine	—	—	—	44	336	380	39
Maryland	—	—	—	1,026	91	1,117	9
Massachusetts	4	—	4	1,399	—	1,399	1
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	—	—	4,960	6,372	11,332	22
New York	1	—	1	528	1,501	2,029	169
North Carolina	—	68	68	—	2,420	2,420	47
Pennsylvania	—	—	—	608	4,002	4,610	64
Rhode Island	—	—	—	721	22	743	—
South Carolina	—	95	95	—	1,178	1,178	24
Vermont	—	—	—	—	11	11	2
Virginia	—	8	8	1,429	1,093	2,522	22
West Virginia	—	41	41	—	109	109	—
PAD District 2	—	1,829	1,829	4,360	29,125	33,486	94
Illinois	—	33	33	2,378	4,698	7,076	69
Indiana	—	84	84	771	4,008	4,779	1
Iowa	—	50	50	—	1,574	1,574	—
Kansas	—	265	265	—	2,120	2,120	6
Kentucky	—	40	40	360	1,347	1,707	—
Michigan	—	13	13	71	2,623	2,694	—
Minnesota	—	256	256	0	1,939	1,939	—
Missouri	—	146	146	235	746	981	—
Nebraska	—	46	46	—	441	441	—
North Dakota	—	54	54	—	588	588	—
Ohio	—	540	540	—	3,400	3,400	11
Oklahoma	—	204	204	—	2,457	2,457	—
South Dakota	—	15	15	—	246	246	—
Tennessee	—	29	29	—	2,045	2,045	—
Wisconsin	—	54	54	545	893	1,438	7
PAD District 3	—	6,372	6,372	7,262	52,864	60,126	351
Alabama	—	61	61	7	1,289	1,296	2
Arkansas	—	121	121	—	880	880	—
Louisiana	—	975	975	723	11,320	12,043	84
Mississippi	—	1,231	1,231	15	2,512	2,527	—
New Mexico	—	22	22	23	540	563	—
Texas	—	3,962	3,962	6,494	36,323	42,817	265
PAD District 4	—	985	985	—	4,377	4,377	2
Colorado	—	173	173	—	1,101	1,101	—
Idaho	—	51	51	—	336	336	—
Montana	—	302	302	—	958	958	—
Utah	—	99	99	—	1,439	1,439	2
Wyoming	—	360	360	—	543	543	—
PAD District 5	27	1,873	1,900	12,671	13,157	25,828	6
Alaska	—	286	286	—	472	472	5
Arizona	—	63	63	854	288	1,142	—
California	27	377	404	11,636	6,695	18,331	1
Hawaii	—	370	370	—	617	617	—
Nevada	—	171	171	4	291	295	—
Oregon	—	67	67	—	1,097	1,097	—
Washington	—	539	539	177	3,697	3,874	—
U.S. Total	32	11,723	11,755	36,627	125,921	162,549	912

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, June 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	17,539	748	905	19,192	5,416	4,109
Connecticut	758	—	—	758	8	—
Delaware	512	28	86	626	389	10
District of Columbia	—	—	—	—	—	—
Florida	1,967	114	—	2,081	667	135
Georgia	1,568	—	—	1,568	190	13
Maine	423	1	1	425	30	—
Maryland	764	—	—	764	149	—
Massachusetts	688	15	2	705	96	—
New Hampshire	293	—	—	293	8	336
New Jersey	3,234	228	458	3,920	3,347	78
New York	1,319	—	78	1,397	139	742
North Carolina	873	—	—	873	—	141
Pennsylvania	2,544	—	85	2,629	219	2,232
Rhode Island	384	—	—	384	—	—
South Carolina	788	—	—	788	87	295
Vermont	5	—	—	5	—	—
Virginia	1,319	285	195	1,799	87	4
West Virginia	100	77	—	177	—	96
PAD District 2	18,386	133	243	18,762	1,203	12,875
Illinois	3,379	—	6	3,385	429	890
Indiana	2,317	—	33	2,350	145	198
Iowa	1,329	—	—	1,329	1	142
Kansas	1,910	—	—	1,910	39	8,040
Kentucky	688	—	—	688	—	253
Michigan	1,272	—	—	1,272	168	2,304
Minnesota	849	—	21	870	124	191
Missouri	720	18	3	741	—	97
Nebraska	387	—	—	387	—	141
North Dakota	550	—	—	550	42	33
Ohio	1,587	8	105	1,700	119	449
Oklahoma	1,467	107	75	1,649	67	84
South Dakota	369	—	—	369	—	19
Tennessee	1,066	—	—	1,066	58	3
Wisconsin	496	—	—	496	11	31
PAD District 3	23,933	1,328	5,307	30,568	16,920	22,518
Alabama	783	6	27	816	343	12
Arkansas	645	—	—	645	—	52
Louisiana	5,643	521	1,219	7,383	7,887	2,478
Mississippi	885	542	72	1,499	282	1,155
New Mexico	278	—	—	278	33	2
Texas	15,699	259	3,989	19,947	8,375	18,819
PAD District 4	2,709	145	68	2,922	203	706
Colorado	554	—	—	554	21	21
Idaho	243	—	—	243	—	—
Montana	865	69	—	934	66	20
Utah	500	26	68	594	44	606
Wyoming	547	50	—	597	72	59
PAD District 5	10,856	375	704	11,935	5,509	923
Alaska	850	—	19	869	106	1
Arizona	589	—	—	589	—	456
California	5,850	374	401	6,625	3,456	249
Hawaii	270	1	281	552	985	86
Nevada	346	—	3	349	—	—
Oregon	783	—	—	783	105	—
Washington	2,168	—	—	2,168	857	131
U.S. Total	73,423	2,729	7,227	83,379	29,251	41,131

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, July 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	4	639	643	11,145	27,136	38,281	418
Connecticut	—	—	—	755	33	788	3
Delaware	—	—	—	570	496	1,066	69
District of Columbia	—	—	—	—	—	—	—
Florida	—	358	358	—	7,011	7,011	—
Georgia	—	72	72	—	2,437	2,437	—
Maine	—	—	—	49	301	350	36
Maryland	—	—	—	808	94	902	15
Massachusetts	3	—	3	1,025	—	1,025	1
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	—	—	4,907	6,660	11,567	14
New York	1	—	1	417	1,456	1,873	123
North Carolina	—	47	47	—	2,118	2,118	46
Pennsylvania	—	—	—	466	4,127	4,593	63
Rhode Island	—	—	—	617	19	636	—
South Carolina	—	130	130	—	1,089	1,089	24
Vermont	—	—	—	—	14	14	2
Virginia	—	6	6	1,531	1,133	2,664	22
West Virginia	—	26	26	—	148	148	—
PAD District 2	—	1,926	1,926	4,150	30,756	34,907	114
Illinois	—	40	40	2,294	4,456	6,750	81
Indiana	—	91	91	640	3,769	4,409	1
Iowa	—	35	35	—	1,423	1,423	—
Kansas	—	337	337	—	2,399	2,399	11
Kentucky	—	100	100	365	1,341	1,706	—
Michigan	—	10	10	74	2,984	3,058	—
Minnesota	—	205	205	0	2,340	2,340	—
Missouri	—	148	148	269	786	1,055	—
Nebraska	—	52	52	—	438	438	—
North Dakota	—	44	44	—	599	599	—
Ohio	—	488	488	—	3,838	3,838	14
Oklahoma	—	268	268	—	3,113	3,113	—
South Dakota	—	17	17	—	245	245	—
Tennessee	—	30	30	—	2,158	2,158	—
Wisconsin	—	61	61	508	867	1,375	7
PAD District 3	—	6,178	6,178	7,475	54,641	62,116	512
Alabama	—	68	68	8	1,257	1,265	2
Arkansas	—	151	151	—	1,122	1,122	—
Louisiana	—	528	528	895	11,897	12,792	88
Mississippi	—	1,538	1,538	16	2,733	2,749	—
New Mexico	—	21	21	26	639	665	—
Texas	—	3,872	3,872	6,530	36,993	43,523	422
PAD District 4	—	924	924	—	4,880	4,880	2
Colorado	—	83	83	—	1,482	1,482	—
Idaho	—	52	52	—	299	299	—
Montana	—	270	270	—	988	988	—
Utah	—	109	109	—	1,530	1,530	2
Wyoming	—	410	410	—	581	581	—
PAD District 5	18	2,117	2,135	12,332	12,970	25,302	5
Alaska	—	196	196	—	325	325	4
Arizona	—	74	74	927	300	1,227	—
California	18	453	471	11,107	6,365	17,472	1
Hawaii	—	617	617	—	517	517	—
Nevada	—	170	170	13	406	419	—
Oregon	—	71	71	—	1,426	1,426	—
Washington	—	536	536	285	3,631	3,916	—
U.S. Total	22	11,784	11,806	35,102	130,383	165,486	1,051

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, July 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	19,369	624	818	20,811	4,692	5,356
Connecticut	866	—	—	866	8	—
Delaware	637	33	76	746	345	11
District of Columbia	—	—	—	—	—	—
Florida	2,710	154	—	2,864	928	182
Georgia	1,541	—	—	1,541	92	11
Maine	680	1	1	682	25	—
Maryland	688	—	—	688	123	—
Massachusetts	703	10	1	714	147	—
New Hampshire	329	—	—	329	5	412
New Jersey	3,329	114	406	3,849	2,530	74
New York	1,788	—	96	1,884	153	1,065
North Carolina	969	—	—	969	—	152
Pennsylvania	2,680	—	39	2,719	199	2,903
Rhode Island	437	—	—	437	—	—
South Carolina	673	—	—	673	67	425
Vermont	5	—	—	5	—	—
Virginia	1,210	257	199	1,666	70	5
West Virginia	124	55	—	179	—	92
PAD District 2	19,900	73	331	20,304	1,125	15,714
Illinois	3,182	—	5	3,187	347	989
Indiana	2,217	—	86	2,303	170	301
Iowa	1,570	—	—	1,570	1	228
Kansas	1,921	—	—	1,921	40	9,404
Kentucky	869	—	—	869	—	236
Michigan	1,317	—	—	1,317	116	3,283
Minnesota	1,407	—	85	1,492	162	276
Missouri	687	16	2	705	—	82
Nebraska	496	—	—	496	—	176
North Dakota	647	—	—	647	42	45
Ohio	1,779	9	88	1,876	113	563
Oklahoma	1,717	48	65	1,830	62	76
South Dakota	487	—	—	487	—	7
Tennessee	993	—	—	993	61	3
Wisconsin	611	—	—	611	11	45
PAD District 3	23,615	1,258	4,575	29,448	17,955	27,741
Alabama	926	5	61	992	292	18
Arkansas	802	—	—	802	—	48
Louisiana	4,903	426	1,033	6,362	8,381	2,351
Mississippi	849	544	120	1,513	461	1,440
New Mexico	249	—	—	249	42	4
Texas	15,886	283	3,361	19,530	8,779	23,880
PAD District 4	2,905	164	50	3,119	225	1,004
Colorado	593	—	—	593	35	30
Idaho	160	—	—	160	—	—
Montana	997	102	—	1,099	63	21
Utah	602	8	50	660	52	873
Wyoming	553	54	—	607	75	80
PAD District 5	10,957	226	611	11,794	5,199	1,287
Alaska	909	—	24	933	158	4
Arizona	872	—	—	872	—	688
California	5,073	225	324	5,622	3,162	313
Hawaii	324	1	260	585	785	77
Nevada	239	—	3	242	—	—
Oregon	1,286	—	—	1,286	122	—
Washington	2,254	—	—	2,254	972	205
U.S. Total	76,745	2,345	6,385	85,475	29,196	51,102

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, August 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	4	806	810	14,392	25,655	40,047	387
Connecticut	—	—	—	1,257	33	1,290	3
Delaware	—	—	—	552	698	1,250	42
District of Columbia	—	—	—	—	—	—	—
Florida	—	508	508	—	5,577	5,577	—
Georgia	—	77	77	—	2,443	2,443	—
Maine	—	—	—	65	433	498	33
Maryland	—	—	—	853	75	928	14
Massachusetts	3	—	3	1,237	—	1,237	1
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	—	—	7,393	7,303	14,696	14
New York	1	—	1	485	1,426	1,911	138
North Carolina	—	45	45	—	2,001	2,001	38
Pennsylvania	—	—	—	409	3,347	3,756	56
Rhode Island	—	—	—	813	19	832	—
South Carolina	—	120	120	—	1,103	1,103	24
Vermont	—	—	—	—	14	14	2
Virginia	—	7	7	1,328	1,021	2,349	22
West Virginia	—	49	49	—	162	162	—
PAD District 2	—	2,177	2,177	3,395	27,278	30,674	132
Illinois	—	48	48	1,746	4,464	6,210	108
Indiana	—	85	85	514	3,225	3,739	1
Iowa	—	39	39	—	1,281	1,281	—
Kansas	—	301	301	—	2,202	2,202	4
Kentucky	—	47	47	393	1,365	1,758	—
Michigan	—	148	148	93	1,966	2,059	—
Minnesota	—	318	318	0	2,026	2,026	—
Missouri	—	135	135	226	517	743	—
Nebraska	—	34	34	—	486	486	—
North Dakota	—	29	29	—	681	681	—
Ohio	—	557	557	—	3,766	3,766	12
Oklahoma	—	250	250	—	2,563	2,563	—
South Dakota	—	29	29	—	190	190	—
Tennessee	—	44	44	—	1,600	1,600	—
Wisconsin	—	113	113	423	946	1,369	7
PAD District 3	—	6,350	6,350	5,978	52,790	58,768	487
Alabama	—	87	87	7	1,074	1,081	2
Arkansas	—	95	95	—	1,009	1,009	—
Louisiana	—	744	744	353	11,985	12,338	50
Mississippi	—	1,832	1,832	8	2,213	2,221	—
New Mexico	—	15	15	5	591	596	—
Texas	—	3,577	3,577	5,605	35,918	41,523	435
PAD District 4	1	908	909	—	4,441	4,441	2
Colorado	—	95	95	—	1,119	1,119	—
Idaho	—	45	45	—	312	312	—
Montana	—	328	328	—	1,039	1,039	—
Utah	1	82	83	—	1,479	1,479	2
Wyoming	—	358	358	—	492	492	—
PAD District 5	18	1,852	1,870	10,763	11,457	22,220	4
Alaska	—	220	220	—	355	355	3
Arizona	—	101	101	580	378	958	—
California	18	161	179	10,043	5,290	15,333	1
Hawaii	—	482	482	—	499	499	—
Nevada	—	221	221	19	404	423	—
Oregon	—	79	79	—	1,000	1,000	—
Washington	—	588	588	121	3,531	3,652	—
U.S. Total	23	12,093	12,116	34,528	121,621	156,150	1,012

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, August 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	18,821	617	964	20,402	4,177	5,411
Connecticut	770	—	—	770	8	—
Delaware	574	21	97	692	353	10
District of Columbia	—	—	—	—	—	—
Florida	2,457	85	—	2,542	726	265
Georgia	1,277	—	—	1,277	87	10
Maine	884	1	1	886	13	—
Maryland	657	—	—	657	171	—
Massachusetts	677	21	—	698	67	—
New Hampshire	321	—	—	321	5	453
New Jersey	4,415	117	501	5,033	2,295	76
New York	1,627	—	87	1,714	122	1,539
North Carolina	1,002	—	—	1,002	—	172
Pennsylvania	1,973	—	47	2,020	215	1,979
Rhode Island	335	—	—	335	—	—
South Carolina	654	—	—	654	39	520
Vermont	6	—	—	6	—	—
Virginia	1,073	333	231	1,637	76	5
West Virginia	119	39	—	158	—	89
PAD District 2	19,971	155	237	20,363	999	17,449
Illinois	2,986	—	3	2,989	353	976
Indiana	2,557	—	34	2,591	93	344
Iowa	1,434	—	—	1,434	1	339
Kansas	2,000	—	—	2,000	38	10,256
Kentucky	739	—	—	739	—	271
Michigan	1,169	—	—	1,169	120	3,895
Minnesota	1,468	—	33	1,501	128	359
Missouri	628	17	3	648	—	50
Nebraska	605	—	—	605	—	250
North Dakota	666	—	—	666	34	45
Ohio	1,702	7	121	1,830	94	528
Oklahoma	1,753	131	43	1,927	58	93
South Dakota	528	—	—	528	—	7
Tennessee	910	—	—	910	77	2
Wisconsin	825	—	—	825	3	34
PAD District 3	24,202	1,156	4,763	30,121	17,883	33,741
Alabama	829	5	41	875	268	16
Arkansas	978	—	—	978	—	41
Louisiana	5,741	548	1,101	7,390	8,054	2,533
Mississippi	1,037	323	89	1,449	937	2,216
New Mexico	234	—	—	234	60	2
Texas	15,383	280	3,532	19,195	8,564	28,933
PAD District 4	2,762	138	34	2,934	211	1,212
Colorado	643	—	—	643	19	18
Idaho	236	—	—	236	—	—
Montana	851	75	—	926	68	23
Utah	478	8	34	520	53	1,098
Wyoming	554	55	—	609	71	73
PAD District 5	10,081	253	543	10,877	5,337	1,652
Alaska	1,017	—	57	1,074	83	2
Arizona	649	—	—	649	—	998
California	4,455	252	222	4,929	3,392	401
Hawaii	282	1	259	542	733	62
Nevada	309	—	5	314	—	—
Oregon	1,004	—	—	1,004	124	—
Washington	2,365	—	—	2,365	1,005	189
U.S. Total	75,837	2,319	6,541	84,697	28,607	59,465

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, September 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	958	963	14,178	25,282	39,460	400
Connecticut	—	—	—	921	24	945	2
Delaware	—	—	—	853	451	1,304	109
District of Columbia	—	—	—	—	—	—	—
Florida	—	738	738	—	4,278	4,278	—
Georgia	—	75	75	—	2,428	2,428	—
Maine	—	—	—	129	488	617	25
Maryland	—	—	—	979	74	1,053	12
Massachusetts	4	—	4	1,137	—	1,137	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	—	—	6,503	7,699	14,202	24
New York	1	—	1	703	1,518	2,221	121
North Carolina	—	45	45	—	2,298	2,298	23
Pennsylvania	—	—	—	569	3,403	3,972	40
Rhode Island	—	—	—	873	19	892	—
South Carolina	—	22	22	—	1,300	1,300	24
Vermont	—	—	—	—	20	20	2
Virginia	—	15	15	1,511	1,110	2,621	18
West Virginia	—	63	63	—	172	172	—
PAD District 2	—	1,909	1,909	3,304	27,640	30,945	146
Illinois	—	61	61	2,063	3,940	6,003	109
Indiana	—	79	79	429	3,203	3,632	1
Iowa	—	28	28	—	1,048	1,048	—
Kansas	—	208	208	—	2,439	2,439	20
Kentucky	—	60	60	341	1,639	1,980	—
Michigan	—	13	13	55	2,515	2,570	—
Minnesota	—	229	229	0	1,921	1,921	—
Missouri	—	115	115	128	687	815	—
Nebraska	—	33	33	—	380	380	—
North Dakota	—	31	31	—	668	668	—
Ohio	—	676	676	—	4,055	4,055	10
Oklahoma	—	233	233	—	2,304	2,304	—
South Dakota	—	20	20	—	234	234	—
Tennessee	—	37	37	—	1,879	1,879	—
Wisconsin	—	86	86	288	728	1,016	6
PAD District 3	—	6,320	6,320	5,638	50,670	56,308	346
Alabama	—	85	85	14	1,326	1,340	3
Arkansas	—	93	93	—	860	860	—
Louisiana	—	650	650	55	12,176	12,231	69
Mississippi	—	1,800	1,800	14	2,328	2,342	—
New Mexico	—	22	22	6	690	696	—
Texas	—	3,670	3,670	5,549	33,290	38,839	274
PAD District 4	1	871	872	—	4,416	4,416	1
Colorado	—	79	79	—	1,188	1,188	—
Idaho	—	42	42	—	276	276	—
Montana	—	326	326	—	1,017	1,017	—
Utah	1	104	105	—	1,371	1,371	1
Wyoming	—	320	320	—	564	564	—
PAD District 5	20	1,692	1,712	9,569	10,996	20,565	4
Alaska	—	253	253	—	403	403	1
Arizona	—	40	40	493	274	767	—
California	20	282	302	8,933	5,020	13,953	3
Hawaii	—	258	258	—	392	392	—
Nevada	—	259	259	22	403	425	—
Oregon	—	73	73	—	910	910	—
Washington	—	527	527	121	3,594	3,715	—
U.S. Total	26	11,750	11,776	32,689	119,004	151,694	897

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, September 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	16,125	674	1,023	17,822	4,618	6,227
Connecticut	799	—	—	799	7	—
Delaware	628	54	67	749	403	10
District of Columbia	—	—	—	—	—	—
Florida	1,594	151	—	1,745	888	307
Georgia	1,099	—	—	1,099	217	14
Maine	938	2	—	940	28	—
Maryland	640	—	—	640	231	—
Massachusetts	766	20	—	786	122	—
New Hampshire	367	—	—	367	14	471
New Jersey	3,196	109	560	3,865	2,239	66
New York	1,385	—	91	1,476	158	2,002
North Carolina	848	—	—	848	—	355
Pennsylvania	1,807	—	86	1,893	173	1,955
Rhode Island	402	—	—	402	—	—
South Carolina	544	—	—	544	68	673
Vermont	8	—	—	8	—	—
Virginia	981	259	219	1,459	70	5
West Virginia	123	79	—	202	—	80
PAD District 2	19,714	107	612	20,433	792	20,345
Illinois	2,641	—	3	2,644	286	918
Indiana	3,063	—	95	3,158	63	340
Iowa	1,694	1	—	1,695	1	405
Kansas	2,062	—	—	2,062	29	12,079
Kentucky	638	—	—	638	—	315
Michigan	1,385	—	—	1,385	93	4,706
Minnesota	1,281	—	136	1,417	123	394
Missouri	702	34	3	739	—	26
Nebraska	563	—	—	563	—	328
North Dakota	652	—	—	652	24	35
Ohio	1,618	9	79	1,706	67	664
Oklahoma	1,325	63	296	1,684	58	91
South Dakota	451	—	—	451	—	13
Tennessee	878	—	—	878	45	4
Wisconsin	760	—	—	760	3	27
PAD District 3	23,467	1,145	5,664	30,276	17,284	38,352
Alabama	850	6	58	914	300	19
Arkansas	638	—	—	638	—	31
Louisiana	4,838	475	1,159	6,472	7,417	3,047
Mississippi	972	238	72	1,282	544	2,434
New Mexico	237	—	—	237	86	2
Texas	15,932	426	4,375	20,733	8,937	32,819
PAD District 4	2,629	167	91	2,887	196	1,337
Colorado	525	—	—	525	5	15
Idaho	215	—	—	215	—	—
Montana	818	77	—	895	63	24
Utah	612	28	91	731	51	1,240
Wyoming	459	62	—	521	77	58
PAD District 5	9,351	184	412	9,947	4,501	1,958
Alaska	955	—	42	997	90	1
Arizona	543	—	—	543	—	1,141
California	4,494	182	220	4,896	2,627	542
Hawaii	265	2	147	414	766	50
Nevada	243	—	3	246	—	—
Oregon	928	—	—	928	152	—
Washington	1,924	—	—	1,924	866	224
U.S. Total	71,287	2,277	7,802	81,366	27,391	68,219

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, October 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	947	952	11,480	25,529	37,009	514
Connecticut	—	—	—	784	20	804	1
Delaware	—	—	—	878	516	1,394	60
District of Columbia	—	—	—	—	—	—	—
Florida	—	481	481	—	5,885	5,885	—
Georgia	—	85	85	—	2,164	2,164	—
Maine	—	—	—	101	336	437	127
Maryland	—	—	—	860	105	965	43
Massachusetts	4	—	4	1,305	—	1,305	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	92	92	4,247	6,341	10,588	23
New York	1	—	1	637	1,500	2,137	156
North Carolina	—	38	38	—	2,435	2,435	33
Pennsylvania	—	—	—	580	3,784	4,364	38
Rhode Island	—	—	—	538	4	542	—
South Carolina	—	164	164	—	1,192	1,192	24
Vermont	—	—	—	—	23	23	2
Virginia	—	16	16	1,550	1,078	2,628	7
West Virginia	—	71	71	—	146	146	—
PAD District 2	—	1,809	1,809	3,785	30,298	34,084	148
Illinois	—	47	47	2,212	4,928	7,140	108
Indiana	—	88	88	542	3,452	3,994	1
Iowa	—	42	42	—	1,507	1,507	—
Kansas	—	256	256	—	2,693	2,693	21
Kentucky	—	86	86	336	1,482	1,818	—
Michigan	—	9	9	75	2,754	2,829	—
Minnesota	—	252	252	0	2,117	2,117	—
Missouri	—	105	105	173	624	797	—
Nebraska	—	56	56	—	455	455	—
North Dakota	—	36	36	—	751	751	—
Ohio	—	473	473	—	3,837	3,837	13
Oklahoma	—	196	196	—	2,587	2,587	—
South Dakota	—	18	18	—	251	251	—
Tennessee	—	54	54	—	1,989	1,989	—
Wisconsin	—	91	91	447	871	1,318	5
PAD District 3	—	6,206	6,206	5,964	51,213	57,177	228
Alabama	—	90	90	6	1,311	1,317	2
Arkansas	—	122	122	—	990	990	—
Louisiana	—	594	594	41	12,444	12,485	1
Mississippi	—	1,254	1,254	12	2,336	2,348	—
New Mexico	—	30	30	17	749	766	—
Texas	—	4,116	4,116	5,888	33,383	39,271	225
PAD District 4	1	1,018	1,019	—	4,912	4,912	1
Colorado	—	98	98	—	1,332	1,332	—
Idaho	—	42	42	—	335	335	—
Montana	—	358	358	—	1,072	1,072	—
Utah	1	100	101	—	1,481	1,481	1
Wyoming	—	420	420	—	692	692	—
PAD District 5	22	2,192	2,214	11,282	11,480	22,762	4
Alaska	—	324	324	—	377	377	1
Arizona	—	113	113	680	296	976	—
California	22	512	534	10,286	5,662	15,948	3
Hawaii	—	543	543	—	470	470	—
Nevada	—	169	169	13	325	338	—
Oregon	—	41	41	—	1,021	1,021	—
Washington	—	490	490	303	3,329	3,632	—
U.S. Total	28	12,172	12,200	32,511	123,432	155,944	895

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, October 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	16,741	784	1,078	18,603	5,464	7,211
Connecticut	1,117	—	—	1,117	7	—
Delaware	589	56	94	739	466	12
District of Columbia	—	—	—	—	—	—
Florida	1,703	233	—	1,936	1,189	333
Georgia	1,087	—	—	1,087	161	9
Maine	835	1	—	836	4	—
Maryland	440	—	—	440	223	—
Massachusetts	781	16	—	797	78	—
New Hampshire	328	—	—	328	7	480
New Jersey	3,284	146	569	3,999	2,887	74
New York	1,961	—	113	2,074	146	2,164
North Carolina	647	—	—	647	—	388
Pennsylvania	2,230	—	68	2,298	139	2,728
Rhode Island	361	—	—	361	—	—
South Carolina	387	—	—	387	52	664
Vermont	6	—	—	6	—	—
Virginia	852	258	234	1,344	105	5
West Virginia	133	74	—	207	—	77
PAD District 2	17,549	203	241	17,993	1,094	21,160
Illinois	2,414	—	1	2,415	418	931
Indiana	2,118	—	34	2,152	143	397
Iowa	1,346	1	—	1,347	—	428
Kansas	2,007	—	—	2,007	33	12,793
Kentucky	718	—	—	718	—	339
Michigan	1,239	—	—	1,239	81	4,672
Minnesota	1,444	—	66	1,510	163	385
Missouri	645	51	5	701	—	30
Nebraska	467	—	—	467	—	385
North Dakota	670	—	—	670	25	49
Ohio	1,480	6	79	1,565	87	589
Oklahoma	1,347	145	56	1,548	47	93
South Dakota	264	—	—	264	—	26
Tennessee	758	—	—	758	94	4
Wisconsin	631	—	—	631	3	39
PAD District 3	22,574	1,032	5,582	29,188	18,872	41,043
Alabama	886	17	44	947	316	19
Arkansas	614	—	—	614	—	24
Louisiana	4,473	365	998	5,836	8,449	3,674
Mississippi	828	335	71	1,234	357	2,376
New Mexico	288	—	—	288	136	4
Texas	15,485	315	4,469	20,269	9,614	34,946
PAD District 4	2,443	122	80	2,645	189	1,372
Colorado	602	—	—	602	3	24
Idaho	170	—	—	170	—	—
Montana	761	33	—	794	63	26
Utah	451	31	80	562	45	1,255
Wyoming	459	58	—	517	78	67
PAD District 5	9,974	261	474	10,709	4,404	2,452
Alaska	831	—	40	871	56	3
Arizona	347	—	—	347	—	1,263
California	5,308	260	297	5,865	2,524	615
Hawaii	246	1	135	382	915	97
Nevada	149	—	2	151	—	—
Oregon	870	—	—	870	149	—
Washington	2,224	—	—	2,224	760	474
U.S. Total	69,281	2,402	7,455	79,138	30,023	73,238

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, November 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	641	646	13,500	23,793	37,293	879
Connecticut	—	—	—	1,317	8	1,325	45
Delaware	—	—	—	801	353	1,154	51
District of Columbia	—	—	—	—	—	—	—
Florida	—	292	292	—	5,175	5,175	—
Georgia	—	85	85	—	2,467	2,467	—
Maine	—	—	—	153	353	506	124
Maryland	—	—	—	852	104	956	36
Massachusetts	4	—	4	926	—	926	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	—	—	5,929	4,882	10,811	189
New York	1	—	1	675	1,544	2,219	254
North Carolina	—	43	43	—	2,537	2,537	24
Pennsylvania	—	—	—	574	3,914	4,488	86
Rhode Island	—	—	—	814	4	818	—
South Carolina	—	145	145	—	1,142	1,142	20
Vermont	—	—	—	—	19	19	3
Virginia	—	9	9	1,459	1,110	2,569	47
West Virginia	—	67	67	—	181	181	—
PAD District 2	—	1,979	1,979	4,027	30,667	34,695	277
Illinois	—	38	38	2,351	4,305	6,656	179
Indiana	—	63	63	732	3,461	4,193	1
Iowa	—	39	39	—	1,568	1,568	—
Kansas	—	273	273	—	2,862	2,862	21
Kentucky	—	49	49	290	1,484	1,774	—
Michigan	—	13	13	89	2,671	2,760	—
Minnesota	—	302	302	0	2,259	2,259	—
Missouri	—	116	116	257	714	971	—
Nebraska	—	51	51	—	429	429	—
North Dakota	—	44	44	—	860	860	—
Ohio	—	582	582	—	3,924	3,924	19
Oklahoma	—	222	222	—	2,667	2,667	54
South Dakota	—	29	29	—	269	269	—
Tennessee	—	60	60	—	2,131	2,131	—
Wisconsin	—	98	98	308	1,063	1,371	3
PAD District 3	—	7,204	7,204	6,369	53,440	59,809	464
Alabama	—	95	95	5	1,137	1,142	3
Arkansas	—	112	112	—	1,028	1,028	—
Louisiana	—	771	771	85	11,302	11,387	1
Mississippi	—	1,276	1,276	3	2,272	2,275	—
New Mexico	—	25	25	6	720	726	—
Texas	—	4,925	4,925	6,270	36,981	43,251	460
PAD District 4	1	838	839	—	5,182	5,182	1
Colorado	—	29	29	—	1,610	1,610	—
Idaho	—	10	10	—	401	401	—
Montana	—	278	278	—	1,111	1,111	—
Utah	1	106	107	—	1,439	1,439	1
Wyoming	—	415	415	—	621	621	—
PAD District 5	17	1,880	1,897	12,483	13,719	26,202	3
Alaska	—	299	299	—	471	471	1
Arizona	—	84	84	630	284	914	—
California	17	198	215	11,511	6,781	18,292	2
Hawaii	—	476	476	—	458	458	—
Nevada	—	139	139	16	381	397	—
Oregon	—	77	77	—	1,317	1,317	—
Washington	—	607	607	326	4,027	4,353	—
U.S. Total	23	12,542	12,565	36,380	126,801	163,181	1,624

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, November 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	20,441	711	1,329	22,481	5,624	7,130
Connecticut	1,297	—	—	1,297	9	—
Delaware	459	96	51	606	530	7
District of Columbia	—	—	—	—	—	—
Florida	1,752	132	—	1,884	764	320
Georgia	1,386	—	—	1,386	120	7
Maine	819	2	—	821	37	—
Maryland	696	—	—	696	166	—
Massachusetts	1,180	16	—	1,196	72	—
New Hampshire	766	—	—	766	5	462
New Jersey	3,403	127	572	4,102	3,446	98
New York	2,379	—	366	2,745	169	2,061
North Carolina	1,070	—	—	1,070	—	462
Pennsylvania	2,547	—	72	2,619	176	2,480
Rhode Island	613	—	—	613	—	—
South Carolina	763	—	—	763	43	736
Vermont	7	—	—	7	—	—
Virginia	1,143	279	268	1,690	87	6
West Virginia	161	59	—	220	—	89
PAD District 2	20,855	156	312	21,323	1,100	22,362
Illinois	3,106	—	1	3,107	403	1,044
Indiana	2,025	—	33	2,058	226	444
Iowa	2,233	1	—	2,234	—	450
Kansas	2,256	—	—	2,256	29	13,987
Kentucky	854	—	—	854	—	346
Michigan	1,075	—	—	1,075	96	4,403
Minnesota	1,377	—	111	1,488	105	348
Missouri	761	39	4	804	—	52
Nebraska	730	—	—	730	—	360
North Dakota	630	—	—	630	33	44
Ohio	2,105	7	79	2,191	70	738
Oklahoma	1,308	109	84	1,501	55	101
South Dakota	442	—	—	442	—	7
Tennessee	1,258	—	—	1,258	80	3
Wisconsin	694	—	—	694	3	35
PAD District 3	25,360	1,257	5,191	31,808	17,979	41,164
Alabama	962	—	54	1,016	289	17
Arkansas	831	—	—	831	—	38
Louisiana	5,094	515	809	6,418	8,557	2,935
Mississippi	1,051	392	60	1,503	283	2,411
New Mexico	323	—	—	323	66	4
Texas	17,099	350	4,268	21,717	8,784	35,759
PAD District 4	2,842	127	45	3,014	194	1,154
Colorado	724	—	—	724	3	21
Idaho	273	—	—	273	—	—
Montana	735	68	—	803	62	21
Utah	628	16	45	689	49	1,065
Wyoming	482	43	—	525	80	47
PAD District 5	10,327	241	592	11,160	4,468	2,127
Alaska	846	—	41	887	137	2
Arizona	581	—	—	581	—	1,230
California	4,800	241	351	5,392	2,435	490
Hawaii	288	—	198	486	883	71
Nevada	350	—	2	352	—	—
Oregon	975	—	—	975	171	—
Washington	2,487	—	—	2,487	842	334
U.S. Total	79,825	2,492	7,469	89,786	29,365	73,937

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, December 2022
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	5	540	545	15,472	25,624	41,096	1,328
Connecticut	—	—	—	919	15	934	31
Delaware	—	—	—	719	404	1,123	53
District of Columbia	—	—	—	—	—	—	—
Florida	—	244	244	—	5,338	5,338	—
Georgia	—	72	72	—	2,415	2,415	—
Maine	—	—	—	77	171	248	187
Maryland	—	—	—	1,050	67	1,117	32
Massachusetts	4	—	4	1,583	—	1,583	—
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	3	3	8,019	7,295	15,314	464
New York	1	—	1	914	1,522	2,436	375
North Carolina	—	58	58	—	2,365	2,365	22
Pennsylvania	—	—	—	559	3,570	4,129	110
Rhode Island	—	—	—	345	4	349	—
South Carolina	—	98	98	—	1,198	1,198	18
Vermont	—	—	—	—	18	18	3
Virginia	—	22	22	1,287	1,071	2,358	33
West Virginia	—	43	43	—	171	171	—
PAD District 2	—	1,498	1,498	3,768	31,128	34,897	98
Illinois	—	34	34	1,813	4,054	5,867	58
Indiana	—	83	83	717	3,663	4,380	—
Iowa	—	53	53	—	2,114	2,114	—
Kansas	—	203	203	—	2,811	2,811	19
Kentucky	—	85	85	325	1,446	1,771	—
Michigan	—	12	12	65	2,866	2,931	—
Minnesota	—	251	251	0	2,174	2,174	—
Missouri	—	128	128	344	710	1,054	—
Nebraska	—	58	58	—	592	592	—
North Dakota	—	37	37	—	919	919	—
Ohio	—	280	280	—	3,317	3,317	6
Oklahoma	—	140	140	—	2,648	2,648	13
South Dakota	—	27	27	—	417	417	—
Tennessee	—	49	49	—	2,063	2,063	—
Wisconsin	—	58	58	504	1,334	1,838	2
PAD District 3	—	7,427	7,427	5,634	50,572	56,206	348
Alabama	—	112	112	5	1,055	1,060	3
Arkansas	—	114	114	—	870	870	—
Louisiana	—	1,206	1,206	174	11,742	11,916	1
Mississippi	—	1,554	1,554	13	2,028	2,041	—
New Mexico	—	24	24	6	636	642	—
Texas	—	4,417	4,417	5,436	34,241	39,677	344
PAD District 4	—	978	978	—	5,242	5,242	2
Colorado	—	27	27	—	1,486	1,486	—
Idaho	—	7	7	—	408	408	—
Montana	—	327	327	—	1,262	1,262	—
Utah	—	112	112	—	1,382	1,382	2
Wyoming	—	505	505	—	704	704	—
PAD District 5	15	2,171	2,186	13,781	13,739	27,520	13
Alaska	—	336	336	—	547	547	11
Arizona	—	72	72	789	198	987	—
California	15	442	457	12,832	6,949	19,781	2
Hawaii	—	438	438	—	353	353	—
Nevada	—	265	265	21	282	303	—
Oregon	—	85	85	—	1,633	1,633	—
Washington	—	533	533	139	3,777	3,916	—
U.S. Total	20	12,614	12,634	38,656	126,305	164,961	1,789

See footnotes at end of table.

Table 35. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, December 2022
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	23,361	591	1,631	25,583	5,611	5,675
Connecticut	1,134	—	—	1,134	10	—
Delaware	353	32	74	459	582	10
District of Columbia	—	—	—	—	—	—
Florida	1,985	51	—	2,036	1,001	242
Georgia	1,539	—	—	1,539	244	13
Maine	818	3	—	821	22	—
Maryland	902	—	—	902	269	—
Massachusetts	685	7	—	692	84	—
New Hampshire	681	—	—	681	33	173
New Jersey	5,851	187	825	6,863	2,721	93
New York	2,820	—	351	3,171	308	1,608
North Carolina	1,160	—	—	1,160	—	326
Pennsylvania	2,640	—	122	2,762	275	2,214
Rhode Island	709	—	—	709	—	—
South Carolina	620	—	—	620	20	569
Vermont	6	—	—	6	—	—
Virginia	1,279	220	259	1,758	42	5
West Virginia	179	91	—	270	—	91
PAD District 2	21,592	152	394	22,138	1,188	19,400
Illinois	2,658	—	1	2,659	415	946
Indiana	2,337	—	66	2,403	233	305
Iowa	1,917	1	—	1,918	—	169
Kansas	2,180	—	—	2,180	27	12,841
Kentucky	854	—	—	854	—	239
Michigan	1,342	—	—	1,342	71	3,611
Minnesota	1,649	—	126	1,775	160	280
Missouri	913	37	5	955	—	76
Nebraska	971	—	—	971	—	235
North Dakota	693	—	—	693	43	34
Ohio	1,636	11	79	1,726	102	522
Oklahoma	1,566	103	117	1,786	58	91
South Dakota	654	—	—	654	—	7
Tennessee	1,173	—	—	1,173	78	6
Wisconsin	1,048	—	—	1,048	1	38
PAD District 3	20,989	1,031	4,497	26,517	18,640	35,840
Alabama	920	—	30	950	331	11
Arkansas	632	—	—	632	—	26
Louisiana	4,691	477	1,002	6,170	8,498	2,548
Mississippi	842	278	61	1,181	894	1,863
New Mexico	269	—	—	269	113	3
Texas	13,635	276	3,404	17,315	8,804	31,389
PAD District 4	2,863	148	48	3,059	210	678
Colorado	618	—	—	618	3	19
Idaho	166	—	—	166	—	—
Montana	978	69	—	1,047	77	27
Utah	608	19	48	675	45	583
Wyoming	493	60	—	553	85	49
PAD District 5	11,385	200	626	12,211	5,090	1,480
Alaska	906	—	37	943	135	3
Arizona	746	—	—	746	—	840
California	5,045	199	353	5,597	3,171	316
Hawaii	310	1	234	545	859	55
Nevada	431	—	2	433	—	—
Oregon	1,325	—	—	1,325	173	—
Washington	2,622	—	—	2,622	752	266
U.S. Total	80,190	2,122	7,196	89,508	30,739	63,073

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, January 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	275	36	0	1,406	56,230	6,864	1,817	1,674	12,832
Petroleum Products	14,686	29	0	21,514	45,657	12,500	4,204	106,339	18,009
Natural Gas Liquids	6,565	17	0	7,009	31,487	8,793	963	2,759	10,792
Ethane	4,811	0	0	0	15,354	2,473	—	0	1,370
Propane	883	2	0	5,341	9,743	3,322	205	2,680	1,994
Normal Butane	265	1	0	1,556	2,660	1,382	734	69	672
Isobutane	372	14	0	112	1,226	495	24	11	1,219
Natural Gasoline	235	0	—	0	2,504	1,121	—	0	5,537
Refinery Olefins	0	0	—	311	603	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	311	603	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	21	0	—	0	1,188	—	—	0	160
Motor Gasoline Blending Components	5,277	0	0	1,132	2,030	1,890	0	57,583	2,922
Reformulated - RBOB	0	0	0	0	370	—	0	6,648	625
Conventional	5,277	0	0	1,132	1,660	1,890	0	50,935	2,297
CBOB	5,277	0	0	1,132	1,272	1,890	0	50,206	2,247
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	388	—	—	729	50
Biofuels (including Fuel Ethanol)	3	0	0	10,323	6,058	361	3,020	226	0
Fuel Ethanol	0	0	0	10,041	5,705	350	2,738	220	0
Biodiesel	3	0	0	283	353	11	283	6	0
Renewable Diesel Fuel	—	—	—	—	—	—	—	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	43	0	0	874	377	99	0	3,069	358
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	43	0	0	874	377	99	0	3,069	358
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	43	0	0	874	377	99	0	3,069	358
Finished Aviation Gasoline	0	0	—	0	0	—	—	31	42
Kerosene-Type Jet Fuel	268	0	0	98	0	775	0	12,364	1,405
Kerosene	13	0	0	0	0	—	—	81	0
Distillate Fuel Oil	2,450	0	0	1,043	1,060	572	0	29,376	1,917
15 ppm sulfur and under	2,450	0	0	1,043	1,060	572	0	28,353	1,782
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	—	135
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	1,023	—
Residual Fuel Oil	0	0	—	0	1,028	—	—	92	0
Petrochemical Feedstocks	0	0	—	—	64	—	—	—	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	42	—	—	—	0
Other Oils for Petrochemical Feedstock Use	0	0	—	—	22	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	43
Lubricants	0	0	—	39	20	—	—	502	254
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	12	0	75	1,510	10	75	3	26
Asphalt and Road Oil	46	0	0	611	232	0	146	253	81
Miscellaneous Products	0	0	—	—	0	—	—	—	9
Total	14,961	65	0	22,920	101,887	19,364	6,021	108,013	30,841

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, January 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	19	0	25,799	422	0	0	0	0	0
Petroleum Products	0	5,042	0	19,676	4,866	2,775	3	33	52	49
Natural Gas Liquids	0	213	0	18,401	4,527	605	0	0	0	0
Ethane	0	—	0	5,531	1,969	—	0	0	0	0
Propane	0	0	0	6,719	1,210	408	0	0	0	0
Normal Butane	0	138	0	2,753	356	159	0	0	0	0
Isobutane	0	75	0	1,094	416	39	0	0	0	0
Natural Gasoline	0	—	0	2,304	576	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,131	0	184	0	1,360	0	0	0	0
Reformulated - RBOB	—	1,689	0	0	0	0	0	0	0	—
Conventional	0	1,442	0	184	0	1,360	0	0	0	0
CBOB	0	1,442	0	184	0	1,360	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	334	0	0	0	91	0	0	0	3
Fuel Ethanol	0	268	0	0	0	91	0	0	0	0
Biodiesel	0	67	0	0	0	0	0	0	0	3
Renewable Diesel Fuel	—	—	—	—	—	—	—	—	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	480	0	83	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	480	0	83	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	480	0	83	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	244	0	12	0	17	0	0	0	0
Kerosene	—	—	0	0	0	—	0	0	0	—
Distillate Fuel Oil	0	1,029	0	408	0	430	0	0	0	0
15 ppm sulfur and under	0	1,029	0	408	0	430	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	0	0	0	—	0	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	6	0	161	148	3	3	33	52	13
Asphalt and Road Oil	0	84	0	30	190	185	0	0	0	33
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	0	5,062	0	45,475	5,287	2,775	3	33	52	49

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, February 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	272	21	0	1,050	47,632	6,020	1,672	1,345	11,660
Petroleum Products	14,046	10	3	18,238	42,568	11,323	4,568	96,555	17,153
Natural Gas Liquids	6,194	7	0	6,117	28,126	8,078	603	2,390	10,794
Ethane	4,468	0	—	0	13,212	2,162	—	0	1,259
Propane	888	0	0	4,619	9,046	3,150	219	2,361	2,160
Normal Butane	191	3	0	1,376	2,649	1,289	343	29	482
Isobutane	425	3	0	122	1,092	461	42	0	1,294
Natural Gasoline	223	0	—	0	2,127	1,016	—	0	5,599
Refinery Olefins	0	0	—	214	520	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	214	520	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	21	0	—	0	929	—	—	50	128
Motor Gasoline Blending Components	5,085	0	0	1,085	2,208	1,486	0	50,739	2,933
Reformulated - RBOB	0	0	0	0	206	—	0	6,440	375
Conventional	5,085	0	0	1,085	2,002	1,486	0	44,299	2,558
CBOB	5,085	0	0	1,085	1,842	1,486	0	43,644	2,432
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	160	—	—	655	126
Biofuels (including Fuel Ethanol)	15	0	3	7,188	7,486	282	3,770	6	0
Fuel Ethanol	0	0	0	6,998	7,185	259	3,540	0	0
Biodiesel	15	0	3	190	301	23	231	6	0
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	43	0	0	1,035	125	84	0	2,410	227
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	43	0	0	1,035	125	84	0	2,410	227
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	43	0	0	1,035	125	84	0	2,410	227
Finished Aviation Gasoline	0	0	—	0	0	—	—	125	12
Kerosene-Type Jet Fuel	268	0	0	86	30	528	0	12,401	1,426
Kerosene	13	0	—	0	0	—	—	81	0
Distillate Fuel Oil	2,371	0	0	1,299	1,449	852	0	27,553	1,224
15 ppm sulfur and under	2,371	0	0	1,299	1,449	852	0	26,513	1,170
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	—	54
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	1,040	—
Residual Fuel Oil	0	0	—	0	550	—	—	80	0
Petrochemical Feedstocks	0	0	—	—	84	—	—	—	10
Naphtha for Petrochemical Feedstock Use	0	0	—	—	84	—	—	—	0
Other Oils for Petrochemical Feedstock Use	0	0	—	—	0	—	—	—	10
Special Naphthas	0	0	—	—	0	—	—	—	30
Lubricants	0	0	—	0	0	—	—	447	202
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	3	0	522	659	3	36	6	13
Asphalt and Road Oil	36	0	0	691	402	10	158	266	143
Miscellaneous Products	0	0	—	—	0	—	—	—	11
Total	14,318	31	3	19,288	90,200	17,343	6,240	97,900	28,813

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, February 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	32	0	22,350	587	0	0	0	0	0
Petroleum Products	0	4,820	0	18,181	4,776	2,572	7	7	42	18
Natural Gas Liquids	0	228	0	17,133	4,543	628	0	0	0	0
Ethane	0	—	0	5,181	1,948	—	0	0	0	0
Propane	0	0	0	6,266	1,229	313	0	0	0	0
Normal Butane	0	94	0	2,562	367	228	0	0	0	0
Isobutane	0	133	0	1,015	422	87	0	0	0	0
Natural Gasoline	0	—	0	2,109	577	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,112	0	178	0	1,209	0	0	0	0
Reformulated - RBOB	—	1,593	0	0	0	0	0	0	0	—
Conventional	0	1,519	0	178	0	1,209	0	0	0	0
CBOB	0	1,519	0	178	0	1,209	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	583	0	0	0	65	0	0	0	0
Fuel Ethanol	0	297	0	0	0	65	0	0	0	0
Biodiesel	0	30	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	—	255	—	—	0	0	—	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	398	0	68	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	398	0	68	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	398	0	68	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	123	0	30	0	2	0	0	0	0
Kerosene	—	—	0	0	0	—	0	0	0	—
Distillate Fuel Oil	0	728	0	389	0	339	0	0	0	0
15 ppm sulfur and under	0	728	0	389	0	339	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	0	0	0	—	0	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	6	110	35	7	7	39	13
Asphalt and Road Oil	0	47	0	47	124	225	0	0	3	5
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	0	4,853	0	40,531	5,363	2,572	7	7	42	18

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, March 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	333	25	0	1,924	55,966	6,922	2,831	2,625	19,766
Petroleum Products	16,713	18	0	22,414	48,321	14,041	4,365	102,582	16,225
Natural Gas Liquids	6,777	0	0	7,703	35,669	10,153	485	1,523	10,073
Ethane	4,937	0	0	0	17,206	3,206	—	0	1,390
Propane	912	0	0	5,755	10,740	3,702	216	1,516	1,697
Normal Butane	305	0	0	1,774	3,979	1,503	191	7	402
Isobutane	388	0	0	174	1,367	541	78	0	1,145
Natural Gasoline	235	0	—	0	2,377	1,201	—	0	5,438
Refinery Olefins	0	0	—	367	515	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	367	515	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	0	0	—	0	1,639	—	—	60	729
Motor Gasoline Blending Components	6,327	0	0	1,506	1,834	1,916	0	57,469	2,352
Reformulated - RBOB	0	0	0	0	113	—	0	7,394	365
Conventional	6,327	0	0	1,506	1,721	1,916	0	50,075	1,987
CBOB	6,327	0	0	1,506	1,572	1,916	0	48,672	1,845
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	149	—	—	1,403	142
Biofuels (including Fuel Ethanol)	0	0	0	9,098	5,678	397	3,621	26	0
Fuel Ethanol	0	0	0	8,809	5,319	377	3,348	26	0
Biodiesel	0	0	0	289	359	20	273	0	0
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	79	0	0	919	0	109	0	2,625	185
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	79	0	0	919	0	109	0	2,625	185
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	79	0	0	919	0	109	0	2,625	185
Finished Aviation Gasoline	—	0	—	0	0	—	—	37	—
Kerosene-Type Jet Fuel	363	0	0	71	0	708	0	13,206	1,233
Kerosene	—	0	—	0	0	—	—	36	—
Distillate Fuel Oil	3,167	0	0	1,486	800	735	0	26,659	1,155
15 ppm sulfur and under	3,167	0	0	1,486	800	735	0	25,821	1,069
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	1	86
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	837	—
Residual Fuel Oil	0	0	—	—	860	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	67	—	—	—	25
Naphtha for Petrochemical Feedstock Use	0	0	—	—	22	—	—	—	0
Other Oils for Petrochemical Feedstock Use	0	0	—	—	45	—	—	—	25
Special Naphthas	0	0	—	—	0	—	—	—	29
Lubricants	0	0	0	40	31	—	0	500	198
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	18	0	370	870	23	16	13	13
Asphalt and Road Oil	0	0	0	853	360	0	243	428	224
Miscellaneous Products	0	0	—	—	0	—	—	—	10
Total	17,046	43	0	24,338	104,287	20,963	7,195	105,207	35,991

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, March 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	26	0	25,089	593	0	0	0	0	0
Petroleum Products	7	5,889	0	22,495	4,931	2,343	3	78	125	13
Natural Gas Liquids	0	118	0	21,350	4,618	296	0	0	0	0
Ethane	0	—	0	7,335	1,988	—	0	0	0	0
Propane	0	0	0	7,410	1,249	212	0	0	0	0
Normal Butane	0	14	0	2,981	373	66	0	0	0	0
Isobutane	0	104	0	1,184	424	18	0	0	0	0
Natural Gasoline	0	—	0	2,440	584	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,451	0	125	0	1,160	0	0	0	0
Reformulated - RBOB	—	1,899	0	0	0	0	0	0	0	—
Conventional	0	1,552	0	125	0	1,160	0	0	0	0
CBOB	0	1,552	0	125	0	1,160	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	996	0	0	0	68	0	0	0	0
Fuel Ethanol	0	437	0	0	0	68	0	0	0	0
Biodiesel	0	94	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	—	465	—	—	0	0	—	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	382	0	96	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	382	0	96	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	382	0	96	0	0	0	0
Finished Aviation Gasoline	—	—	0	—	0	—	0	—	0	—
Kerosene-Type Jet Fuel	0	146	0	12	0	28	0	0	0	0
Kerosene	—	—	0	—	0	—	0	—	0	—
Distillate Fuel Oil	0	1,046	0	386	0	361	0	0	0	0
15 ppm sulfur and under	0	1,046	0	386	0	361	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	0	0	0	0	0	0	0	96	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	77	113	42	3	78	29	3
Asphalt and Road Oil	7	132	0	163	200	291	0	0	0	10
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	7	5,914	0	47,584	5,524	2,343	3	78	125	13

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, April 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	417	614	0	1,750	48,191	5,321	3,039	2,550	16,040
Petroleum Products	15,847	124	0	19,880	46,862	12,373	5,503	95,114	17,858
Natural Gas Liquids	7,670	118	0	7,812	35,370	8,472	423	1,184	10,127
Ethane	5,679	0	0	0	17,359	2,740	—	0	1,184
Propane	960	4	0	5,792	10,472	3,034	241	1,169	1,437
Normal Butane	304	90	0	1,886	3,817	1,264	165	15	355
Isobutane	475	24	0	134	1,360	460	17	0	1,146
Natural Gasoline	252	0	—	0	2,362	974	—	0	6,006
Refinery Olefins	0	0	—	403	476	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	403	476	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	37	0	—	0	748	—	—	31	792
Motor Gasoline Blending Components	5,211	0	0	1,308	1,697	1,826	0	53,736	3,364
Reformulated - RBOB	0	0	0	0	0	—	0	7,682	1,252
Conventional	5,211	0	0	1,308	1,697	1,826	0	46,054	2,112
CBOB	5,211	0	0	1,308	1,672	1,826	0	45,271	1,610
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	25	—	—	783	502
Biofuels (including Fuel Ethanol)	0	0	0	6,967	5,971	440	4,740	137	0
Fuel Ethanol	0	0	0	6,725	5,721	417	4,424	137	0
Biodiesel	0	0	0	242	250	23	316	0	0
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	64	0	0	876	0	108	0	1,314	716
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	64	0	0	876	0	108	0	1,314	716
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	64	0	0	876	0	108	0	1,314	716
Finished Aviation Gasoline	0	0	—	0	0	—	—	116	25
Kerosene-Type Jet Fuel	321	0	0	86	30	748	0	13,014	1,248
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,544	0	0	1,644	849	750	0	24,561	1,197
15 ppm sulfur and under	2,544	0	0	1,644	849	750	0	23,813	988
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	65	209
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	683	—
Residual Fuel Oil	0	0	—	—	664	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	97	—	—	—	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	97	—	—	—	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	0	0	—	—	0	—	—	—	21
Lubricants	0	0	0	17	22	—	0	689	222
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	6	0	198	435	6	45	3	19
Asphalt and Road Oil	0	0	0	570	503	23	294	329	121
Miscellaneous Products	0	0	—	—	0	—	—	—	5
Total	16,264	738	0	21,631	95,053	17,694	8,541	97,664	33,898

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, April 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	42	0	25,233	606	0	0	0	0	0
Petroleum Products	0	5,966	0	19,859	4,786	1,692	13	16	132	20
Natural Gas Liquids	0	24	0	18,973	4,631	119	0	0	0	0
Ethane	0	—	0	6,450	2,002	—	0	0	0	0
Propane	0	0	0	6,581	1,245	71	0	0	0	0
Normal Butane	0	7	0	2,679	373	34	0	0	0	0
Isobutane	0	17	0	1,074	422	14	0	0	0	0
Natural Gasoline	0	—	0	2,189	589	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,449	0	187	0	994	0	0	0	0
Reformulated - RBOB	—	1,913	0	0	0	0	0	0	0	—
Conventional	0	1,536	0	187	0	994	0	0	0	0
CBOB	0	1,536	0	187	0	994	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	891	0	0	0	39	0	0	0	0
Fuel Ethanol	0	356	0	0	0	39	0	0	0	0
Biodiesel	0	64	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	—	471	—	—	0	0	—	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	176	0	108	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	176	0	108	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	176	0	108	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	303	0	12	0	68	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	1,111	0	208	0	202	0	0	0	0
15 ppm sulfur and under	0	1,111	0	208	0	202	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	0	0	0	0	0	0	0	96	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	10	0	216	54	6	13	16	36	10
Asphalt and Road Oil	0	179	0	86	101	156	0	0	0	10
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	0	6,009	0	45,092	5,392	1,692	13	16	132	20

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	374	920	0	1,260	53,090	6,819	1,440	2,420	20,458
Petroleum Products	16,801	158	0	22,831	46,292	14,211	4,677	102,327	21,322
Natural Gas Liquids	6,951	143	0	8,135	34,645	9,989	363	912	12,209
Ethane	4,941	0	0	0	17,160	3,108	—	0	1,242
Propane	1,074	4	0	6,009	9,813	3,593	239	912	1,463
Normal Butane	207	140	0	1,984	3,918	1,549	84	0	365
Isobutane	438	0	0	141	1,257	551	39	0	1,445
Natural Gasoline	291	0	—	0	2,498	1,188	—	0	7,694
Refinery Olefins	0	0	—	321	540	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	321	540	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	86	0	—	0	862	—	—	34	552
Motor Gasoline Blending Components	6,679	0	0	1,108	1,847	1,823	0	59,592	3,604
Reformulated - RBOB	0	0	0	0	93	—	0	10,272	1,605
Conventional	6,679	0	0	1,108	1,754	1,823	0	49,320	1,999
CBOB	6,679	0	0	1,108	1,711	1,823	0	47,665	1,593
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	43	—	—	1,655	406
Biofuels (including Fuel Ethanol)	29	0	0	9,439	5,367	527	4,020	43	12
Fuel Ethanol	0	0	0	9,340	5,038	518	3,758	43	0
Biodiesel	29	0	0	99	329	9	262	0	12
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	83	0	0	838	99	107	0	939	519
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	83	0	0	838	99	107	0	939	519
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	83	0	0	838	99	107	0	939	519
Finished Aviation Gasoline	0	0	—	0	52	—	—	58	25
Kerosene-Type Jet Fuel	374	0	0	67	23	758	0	17,357	1,240
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,599	0	0	1,527	805	983	0	22,451	2,782
15 ppm sulfur and under	2,599	0	0	1,527	805	983	0	21,509	2,482
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	1	300
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	941	—
Residual Fuel Oil	0	0	—	—	805	—	—	—	35
Petrochemical Feedstocks	0	0	—	—	48	—	—	—	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	48	—	—	—	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	0	0	—	—	0	—	—	—	12
Lubricants	0	0	0	0	0	—	0	535	228
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	15	0	537	634	3	39	81	32
Asphalt and Road Oil	0	0	0	858	565	20	256	325	71
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	17,175	1,078	0	24,091	99,382	21,030	6,117	104,747	41,780

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, May 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	19	0	25,079	1,276	0	0	0	0	0
Petroleum Products	2	6,204	0	21,666	4,808	1,592	7	33	46	105
Natural Gas Liquids	0	112	0	20,837	4,639	86	0	0	0	0
Ethane	0	—	0	6,921	2,010	—	0	0	0	0
Propane	0	0	0	7,215	1,242	69	0	0	0	0
Normal Butane	0	6	0	3,034	372	7	0	0	0	0
Isobutane	0	106	0	1,193	422	10	0	0	0	0
Natural Gasoline	0	—	0	2,474	593	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,674	0	227	0	922	0	0	0	0
Reformulated - RBOB	—	2,051	0	0	0	0	0	0	0	—
Conventional	0	1,623	0	227	0	922	0	0	0	0
CBOB	0	1,623	0	227	0	922	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	865	0	0	0	71	0	0	0	0
Fuel Ethanol	0	269	0	0	0	71	0	0	0	0
Biodiesel	0	169	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	—	427	—	—	0	0	—	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	259	0	79	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	259	0	79	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	259	0	79	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	255	0	42	0	20	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	1,135	0	170	0	166	0	0	0	0
15 ppm sulfur and under	0	1,135	0	170	0	166	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	0	0	0	0	0	0	0	20	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	10	0	55	45	42	7	33	26	75
Asphalt and Road Oil	2	154	0	77	124	205	0	0	0	30
Miscellaneous Products	—	—	—	—	—	—	—	—	—	—
Total	2	6,224	0	46,745	6,083	1,592	7	33	46	105

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, June 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	349	20	0	1,470	46,817	6,357	4,091	1,886	22,612
Petroleum Products	17,102	62	0	20,841	47,552	15,018	4,696	101,822	22,949
Natural Gas Liquids	7,065	42	0	7,033	36,604	10,627	475	864	10,136
Ethane	5,153	0	0	0	17,892	3,034	—	0	1,047
Propane	944	4	0	5,337	9,853	3,909	212	864	1,469
Normal Butane	294	25	0	1,535	4,536	1,732	201	0	372
Isobutane	422	13	0	160	1,427	612	62	0	807
Natural Gasoline	252	0	—	0	2,896	1,340	—	0	6,440
Refinery Olefins	0	0	—	323	498	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	323	498	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	25	0	—	0	777	0	—	26	586
Motor Gasoline Blending Components	6,715	0	0	1,098	1,299	2,223	0	56,985	4,876
Reformulated - RBOB	0	0	0	0	55	40	0	9,615	2,543
Conventional	6,715	0	0	1,098	1,244	2,183	0	47,370	2,333
CBOB	6,715	0	0	1,098	1,217	2,183	0	46,139	1,985
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	27	—	0	1,231	348
Biofuels (including Fuel Ethanol)	0	0	0	9,456	5,068	469	4,014	111	39
Fuel Ethanol	0	0	0	9,359	4,847	437	3,758	111	0
Biodiesel	0	0	0	97	221	32	255	0	39
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	76	0	0	489	8	126	0	1,324	2,615
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	76	0	0	489	8	126	0	1,324	2,615
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	76	0	0	489	8	126	0	1,324	2,615
Finished Aviation Gasoline	0	0	—	0	0	—	—	103	23
Kerosene-Type Jet Fuel	287	0	0	72	60	740	0	14,399	1,849
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,934	0	0	1,401	1,067	812	0	27,024	2,221
15 ppm sulfur and under	2,934	0	0	1,401	1,067	812	0	26,066	2,071
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	1	101
Greater than 500 ppm sulfur	0	0	—	0	0	—	—	957	49
Residual Fuel Oil	0	0	—	—	984	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	49	—	—	—	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	49	—	—	—	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	0	0	—	0	0	—	—	25	35
Lubricants	0	0	—	0	9	—	—	564	248
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	20	0	104	678	13	26	6	32
Asphalt and Road Oil	0	0	0	865	451	8	181	391	281
Miscellaneous Products	0	0	—	—	0	—	—	—	8
Total	17,451	82	0	22,311	94,369	21,375	8,787	103,708	45,561

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, June 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	13	0	25,811	950	0	0	0	0	0
Petroleum Products	0	5,811	5	21,989	4,951	1,707	0	13	82	119
Natural Gas Liquids	0	41	0	20,756	4,879	112	0	0	0	0
Ethane	0	—	0	6,734	1,995	—	0	0	0	0
Propane	0	0	0	7,207	1,401	107	0	0	0	0
Normal Butane	0	7	0	3,063	524	2	0	0	0	0
Isobutane	0	34	0	1,194	319	3	0	0	0	0
Natural Gasoline	0	—	0	2,558	640	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	0	—	0	0	0	—	0	0	0	0
Motor Gasoline Blending Components	0	3,413	0	220	0	964	0	0	0	0
Reformulated - RBOB	0	1,888	0	0	0	0	0	0	0	0
Conventional	0	1,525	0	220	0	964	0	0	0	0
CBOB	0	1,477	0	220	0	964	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	48	0	0	0	0	0	0	0	—
Biofuels (including Fuel Ethanol)	0	972	0	0	0	65	0	0	0	0
Fuel Ethanol	0	336	0	0	0	65	0	0	0	0
Biodiesel	0	67	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	—	570	—	—	0	0	—	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	382	0	104	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	382	0	104	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	382	0	104	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	169	0	12	0	15	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	1,123	0	353	0	311	0	0	0	0
15 ppm sulfur and under	0	1,123	0	353	0	311	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	0	0	0	—	0	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	3	0	6	13	0	0	13	82	104
Asphalt and Road Oil	0	89	5	259	59	136	0	0	0	15
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	0	5,824	5	47,800	5,901	1,707	0	13	82	119

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, July 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	369	25	0	1,204	48,451	6,465	2,021	1,667	22,997
Petroleum Products	17,370	82	0	19,391	50,243	14,746	5,536	97,009	25,955
Natural Gas Liquids	6,983	73	0	7,543	38,361	10,686	602	927	10,250
Ethane	4,985	0	—	2	18,415	3,061	—	0	1,059
Propane	971	7	0	5,543	10,364	3,855	292	927	1,110
Normal Butane	329	42	0	1,939	4,514	1,747	256	0	382
Isobutane	394	24	0	60	1,552	609	54	0	880
Natural Gasoline	304	0	—	0	3,515	1,414	—	0	6,819
Refinery Olefins	0	0	—	434	582	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	434	582	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	50	0	0	0	1,306	—	0	50	670
Motor Gasoline Blending Components	7,233	0	0	1,040	1,278	2,213	0	56,113	6,846
Reformulated - RBOB	0	0	0	0	0	—	0	9,871	3,672
Conventional	7,233	0	0	1,040	1,278	2,213	0	46,242	3,174
CBOB	7,233	0	0	1,040	1,201	2,213	0	45,615	2,860
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	77	—	—	627	314
Biofuels (including Fuel Ethanol)	16	0	0	7,322	4,911	402	4,719	15	31
Fuel Ethanol	0	0	0	7,225	4,700	386	4,439	15	0
Biodiesel	16	0	0	97	210	16	280	0	31
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	73	0	0	599	204	106	0	1,136	3,148
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	73	0	0	599	204	106	0	1,136	3,148
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	73	0	0	599	204	106	0	1,136	3,148
Finished Aviation Gasoline	—	0	—	0	0	—	—	44	—
Kerosene-Type Jet Fuel	359	0	0	128	62	710	0	15,088	1,174
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,619	0	0	1,182	1,073	611	0	22,592	3,364
15 ppm sulfur and under	2,619	0	0	1,182	1,073	611	0	21,994	3,247
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	117
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	598	—
Residual Fuel Oil	0	0	—	—	687	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	117	—	—	—	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	94	—	—	—	0
Other Oils for Petrochemical Feedstock Use	0	0	—	—	23	—	—	—	0
Special Naphthas	0	0	—	—	50	—	—	—	24
Lubricants	0	0	—	0	9	—	—	541	190
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	9	0	218	1,217	13	16	54	19
Asphalt and Road Oil	38	0	0	924	387	5	198	449	227
Miscellaneous Products	0	0	—	—	0	—	—	—	12
Total	17,739	107	0	20,595	98,694	21,211	7,556	98,676	48,952

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, July 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	36	0	25,977	606	0	0	0	0	0
Petroleum Products	5	5,699	0	23,326	5,059	1,940	0	29	35	183
Natural Gas Liquids	0	71	0	22,030	4,850	88	0	0	0	0
Ethane	0	—	0	7,196	2,098	—	0	0	0	0
Propane	0	0	0	7,516	1,314	79	0	0	0	0
Normal Butane	0	5	0	3,263	509	3	0	0	0	0
Isobutane	0	67	0	1,263	303	6	0	0	0	0
Natural Gasoline	0	—	0	2,792	626	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	276	0	0	0	0	0	0	0	—
Motor Gasoline Blending Components	0	3,261	0	232	0	1,055	0	0	0	0
Reformulated - RBOB	—	1,869	0	0	0	0	0	0	0	—
Conventional	0	1,392	0	232	0	1,055	0	0	0	0
CBOB	0	1,392	0	232	0	1,055	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	655	0	0	0	66	0	0	0	19
Fuel Ethanol	0	259	0	0	0	66	0	0	0	0
Biodiesel	0	55	0	0	0	0	0	0	0	19
Renewable Diesel Fuel	—	341	—	—	0	0	—	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	316	0	65	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	316	0	65	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	316	0	65	0	0	0	0
Finished Aviation Gasoline	—	—	0	—	0	—	0	—	0	—
Kerosene-Type Jet Fuel	0	235	0	12	0	38	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	1,021	0	413	0	382	0	0	0	0
15 ppm sulfur and under	0	1,021	0	413	0	382	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	6	0	151	40	99	0	29	35	141
Asphalt and Road Oil	5	173	0	172	170	147	0	0	0	23
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	5	5,735	0	49,303	5,666	1,940	0	29	35	183

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, August 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	363	23	0	1,530	53,760	6,195	2,363	1,696	23,144
Petroleum Products	17,256	110	0	21,803	50,668	15,390	5,404	102,168	22,995
Natural Gas Liquids	7,780	98	0	7,453	38,373	11,446	475	1,244	12,057
Ethane	5,724	0	-	57	17,675	3,400	-	0	1,315
Propane	1,006	11	0	5,478	11,363	4,063	227	1,244	1,918
Normal Butane	325	53	0	1,841	4,195	1,825	193	0	502
Isobutane	472	34	0	77	1,503	633	55	0	829
Natural Gasoline	253	0	-	0	3,637	1,525	-	0	7,493
Refinery Olefins	0	0	-	305	594	-	-	0	0
Ethylene	-	-	-	-	-	-	-	-	-
Propylene	0	0	-	305	594	-	-	0	0
Normal Butylene	-	-	-	-	-	-	-	-	-
Isobutylene	-	-	-	-	-	-	-	-	-
Unfinished Oils	41	0	-	0	1,303	-	-	83	513
Motor Gasoline Blending Components	6,168	0	0	1,467	1,565	1,765	0	59,168	4,468
Reformulated - RBOB	0	0	0	0	0	-	0	11,497	1,799
Conventional	6,168	0	0	1,467	1,565	1,765	0	47,671	2,669
CBOB	6,168	0	0	1,467	1,263	1,765	0	46,603	2,471
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	302	-	-	1,068	198
Biofuels (including Fuel Ethanol)	0	0	0	8,953	5,623	460	4,794	37	34
Fuel Ethanol	0	0	0	8,869	5,463	440	4,503	37	0
Biodiesel	0	0	0	84	160	21	290	0	34
Renewable Diesel Fuel	-	0	0	-	0	-	0	-	-
Other Biofuels ²	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	106	0	0	772	6	105	0	1,338	1,393
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	106	0	0	772	6	105	0	1,338	1,393
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	106	0	0	772	6	105	0	1,338	1,393
Finished Aviation Gasoline	0	0	-	0	0	-	-	41	50
Kerosene-Type Jet Fuel	375	0	0	75	30	735	0	15,725	1,047
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,786	0	0	1,237	790	860	0	23,675	2,821
15 ppm sulfur and under	2,786	0	0	1,237	790	860	0	22,873	2,746
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-	-	1	75
Greater than 500 ppm sulfur	-	0	-	0	0	-	-	801	-
Residual Fuel Oil	0	0	-	0	874	-	-	93	0
Petrochemical Feedstocks	0	0	-	-	71	-	-	-	0
Naphtha for Petrochemical Feedstock Use	0	0	-	-	48	-	-	-	0
Other Oils for Petrochemical Feedstock Use	0	0	-	-	23	-	-	-	0
Special Naphthas	0	0	-	-	100	-	-	-	37
Lubricants	0	0	-	0	23	-	-	441	220
Waxes	-	-	-	-	-	-	-	-	-
Marketable Petroleum Coke	0	12	0	505	983	16	29	6	29
Asphalt and Road Oil	0	0	0	1,035	334	3	106	317	326
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,619	133	0	23,332	104,428	21,585	7,767	103,864	46,139

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, August 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	25,527	1,135	0	0	0	0	0
Petroleum Products	3	5,955	0	23,031	5,047	2,005	0	19	61	56
Natural Gas Liquids	0	35	0	21,622	4,843	112	0	0	0	0
Ethane	0	—	0	6,772	1,880	—	0	0	0	0
Propane	0	0	0	7,512	1,407	81	0	0	0	0
Normal Butane	0	5	0	3,241	558	20	0	0	0	0
Isobutane	0	29	0	1,254	325	11	0	0	0	0
Natural Gasoline	0	—	0	2,843	673	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,507	0	264	0	1,131	0	0	0	0
Reformulated - RBOB	—	1,954	0	0	0	0	0	0	0	—
Conventional	0	1,553	0	264	0	1,131	0	0	0	0
CBOB	0	1,553	0	264	0	1,131	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	1,353	0	0	0	52	0	0	0	3
Fuel Ethanol	0	590	0	0	0	52	0	0	0	0
Biodiesel	0	59	0	0	0	0	0	0	0	3
Renewable Diesel Fuel	—	704	—	—	0	0	—	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	385	0	81	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	385	0	81	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	385	0	81	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	288	0	10	0	34	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	651	0	427	0	267	0	0	0	0
15 ppm sulfur and under	0	651	0	427	0	267	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	0	0	0	—	0	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	6	0	169	83	123	0	19	61	45
Asphalt and Road Oil	3	115	0	154	121	205	0	0	0	8
Miscellaneous Products	—	—	—	—	—	—	—	—	—	—
Total	3	5,955	0	48,558	6,182	2,005	0	19	61	56

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, September 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	377	15	0	2,206	51,159	6,204	2,808	1,722	18,313
Petroleum Products	17,914	92	0	22,140	43,443	14,873	4,115	98,005	18,232
Natural Gas Liquids	7,445	77	0	7,891	33,312	10,836	384	1,573	8,273
Ethane	5,551	0	-	201	15,316	3,206	-	0	1,219
Propane	970	11	0	5,521	9,543	3,872	209	1,570	1,783
Normal Butane	195	33	0	2,082	3,462	1,708	127	3	494
Isobutane	441	33	0	87	1,405	597	48	0	915
Natural Gasoline	288	0	-	0	3,587	1,453	-	0	3,862
Refinery Olefins	0	0	-	282	501	-	-	0	0
Ethylene	-	-	-	-	-	-	-	-	-
Propylene	0	0	-	282	501	-	-	0	0
Normal Butylene	-	-	-	-	-	-	-	-	-
Isobutylene	-	-	-	-	-	-	-	-	-
Unfinished Oils	41	0	-	0	795	-	-	35	81
Motor Gasoline Blending Components	7,098	0	0	1,415	1,153	2,030	0	56,005	3,861
Reformulated - RBOB	0	0	0	0	98	-	0	7,553	877
Conventional	7,098	0	0	1,415	1,055	2,030	0	48,452	2,984
CBOB	7,098	0	0	1,415	1,002	2,030	0	47,940	2,621
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	-	0	53	-	-	512	363
Biofuels (including Fuel Ethanol)	0	0	0	9,663	5,079	465	3,559	80	0
Fuel Ethanol	0	0	0	9,516	4,938	423	3,232	80	0
Biodiesel	0	0	0	148	140	42	327	0	0
Renewable Diesel Fuel	-	0	0	-	0	-	0	-	-
Other Biofuels ²	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	73	0	0	203	102	125	0	1,111	1,800
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	73	0	0	203	102	125	0	1,111	1,800
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	73	0	0	203	102	125	0	1,111	1,800
Finished Aviation Gasoline	0	0	-	0	0	-	-	116	45
Kerosene-Type Jet Fuel	327	0	0	154	30	684	0	13,849	668
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,930	0	0	1,305	658	728	0	24,611	2,924
15 ppm sulfur and under	2,930	0	0	1,305	658	728	0	23,806	2,833
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-	-	1	91
Greater than 500 ppm sulfur	-	0	-	0	0	-	-	804	-
Residual Fuel Oil	0	0	-	-	835	-	-	-	0
Petrochemical Feedstocks	0	0	-	-	69	-	-	-	50
Naphtha for Petrochemical Feedstock Use	0	0	-	-	44	-	-	-	50
Other Oils for Petrochemical Feedstock Use	0	0	-	-	25	-	-	-	0
Special Naphthas	0	0	-	-	45	-	-	-	15
Lubricants	0	0	-	0	10	-	-	393	189
Waxes	-	-	-	-	-	-	-	-	-
Marketable Petroleum Coke	0	3	0	369	535	3	10	0	10
Asphalt and Road Oil	0	13	0	858	319	3	162	232	308
Miscellaneous Products	0	0	-	-	0	-	-	-	8
Total	18,291	107	0	24,346	94,602	21,077	6,922	99,727	36,545

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, September 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	24,132	1,278	0	0	0	0	0
Petroleum Products	3	4,952	0	22,196	4,346	1,778	0	42	74	17
Natural Gas Liquids	0	87	0	20,935	4,061	125	0	0	0	0
Ethane	0	—	0	6,415	1,223	—	0	0	0	0
Propane	0	0	0	7,354	1,319	83	0	0	0	0
Normal Butane	0	20	0	3,154	543	40	0	0	0	0
Isobutane	0	67	0	1,220	318	2	0	0	0	0
Natural Gasoline	0	—	0	2,792	658	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,243	0	182	0	941	0	0	0	0
Reformulated - RBOB	—	1,940	0	0	0	0	0	0	0	—
Conventional	0	1,303	0	182	0	941	0	0	0	0
CBOB	0	1,303	0	182	0	941	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	552	0	0	0	46	0	0	0	0
Fuel Ethanol	0	160	0	0	0	46	0	0	0	0
Biodiesel	0	59	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	—	334	—	—	0	0	—	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	407	0	109	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	407	0	109	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	407	0	109	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	207	0	20	0	38	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	720	0	451	0	313	0	0	0	0
15 ppm sulfur and under	0	720	0	451	0	313	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	10	0	6	37	37	0	42	74	10
Asphalt and Road Oil	3	133	0	195	248	170	0	0	0	8
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	3	4,952	0	46,328	5,624	1,778	0	42	74	17

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	352	20	0	1,370	52,272	6,408	2,164	2,335	19,620
Petroleum Products	17,827	68	0	20,794	44,240	15,295	5,050	106,666	18,203
Natural Gas Liquids	7,816	56	0	7,166	32,604	10,980	854	2,110	8,818
Ethane	5,712	0	—	114	14,913	3,193	—	0	1,237
Propane	1,079	14	0	5,352	9,417	4,033	339	2,071	2,089
Normal Butane	273	0	0	1,620	3,305	1,695	470	38	711
Isobutane	485	41	0	80	1,416	596	45	1	973
Natural Gasoline	268	0	—	0	3,552	1,463	—	0	3,807
Refinery Olefins	0	0	—	307	367	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	307	367	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	40	0	—	0	1,064	—	—	10	35
Motor Gasoline Blending Components	6,770	0	0	1,035	1,628	2,106	0	58,795	3,281
Reformulated - RBOB	0	0	0	0	273	—	0	6,656	1,058
Conventional	6,770	0	0	1,035	1,355	2,106	0	52,139	2,223
CBOB	6,770	0	0	1,035	1,250	2,106	0	51,279	2,165
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	105	—	—	860	58
Biofuels (including Fuel Ethanol)	0	0	0	8,992	5,779	468	3,991	0	0
Fuel Ethanol	0	0	0	8,851	5,546	440	3,594	0	0
Biodiesel	0	0	0	141	234	29	397	0	0
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	92	0	0	440	31	114	0	1,969	1,705
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	92	0	0	440	31	114	0	1,969	1,705
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	92	0	0	440	31	114	0	1,969	1,705
Finished Aviation Gasoline	0	0	—	0	0	—	—	117	45
Kerosene-Type Jet Fuel	405	0	0	186	0	813	0	14,735	662
Kerosene	—	0	—	0	0	—	—	37	—
Distillate Fuel Oil	2,661	0	0	1,392	1,250	796	0	28,118	3,230
15 ppm sulfur and under	2,661	0	0	1,392	1,250	796	0	27,222	3,205
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	1	25
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	895	—
Residual Fuel Oil	0	0	—	—	813	—	—	—	1
Petrochemical Feedstocks	0	0	—	—	138	—	—	—	25
Naphtha for Petrochemical Feedstock Use	0	0	—	—	138	—	—	—	25
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	0	0	—	—	0	—	—	—	15
Lubricants	0	0	—	0	0	—	—	389	161
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	12	0	218	310	13	16	105	58
Asphalt and Road Oil	43	0	0	1,057	256	5	188	280	161
Miscellaneous Products	0	0	—	—	0	—	—	—	6
Total	18,179	88	0	22,164	96,512	21,703	7,214	109,001	37,823

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to			
	4	5	1	2	3	5	1	2	3	4
Crude Oil	0	0	0	26,438	1,636	0	0	0	0	0
Petroleum Products	5	6,401	0	23,004	4,632	2,427	0	19	51	19
Natural Gas Liquids	0	124	0	21,718	4,392	390	0	0	0	0
Ethane	0	—	0	6,816	1,590	—	0	0	0	0
Propane	0	0	0	7,697	1,324	121	0	0	0	0
Normal Butane	0	26	0	3,175	524	237	0	0	0	0
Isobutane	0	99	0	1,239	314	32	0	0	0	0
Natural Gasoline	0	—	0	2,791	640	—	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,791	0	175	0	1,207	0	0	0	0
Reformulated - RBOB	—	2,144	0	0	0	0	0	0	0	—
Conventional	0	1,647	0	175	0	1,207	0	0	0	0
CBOB	0	1,647	0	175	0	1,207	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—
Biofuels (including Fuel Ethanol)	0	1,265	0	0	0	43	0	0	0	0
Fuel Ethanol	0	639	0	0	0	43	0	0	0	0
Biodiesel	0	95	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	—	530	—	—	0	0	—	—	0	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	432	0	92	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	432	0	92	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	432	0	92	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	203	0	30	0	8	0	0	0	0
Kerosene	—	—	0	—	0	—	0	—	0	—
Distillate Fuel Oil	0	906	0	364	0	263	0	0	0	0
15 ppm sulfur and under	0	906	0	364	0	263	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—
Lubricants	—	—	0	0	0	—	0	0	0	—
Waxes	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	6	0	177	111	110	0	19	51	6
Asphalt and Road Oil	5	105	0	109	129	314	0	0	0	13
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—
Total	5	6,401	0	49,442	6,268	2,427	0	19	51	19

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, November 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	269	21	0	1,439	55,721	5,765	3,564	2,015	17,675
Petroleum Products	18,050	37	0	22,969	46,988	13,937	5,551	103,031	21,704
Natural Gas Liquids	7,846	25	0	8,866	34,426	10,062	1,023	2,047	13,186
Ethane	5,814	0	—	114	16,260	2,950	—	0	1,367
Propane	1,057	4	0	6,439	9,916	3,690	273	2,015	2,109
Normal Butane	281	0	0	2,236	3,476	1,551	718	31	704
Isobutane	444	20	0	77	1,447	549	32	1	1,504
Natural Gasoline	250	0	—	0	3,328	1,322	—	0	7,501
Refinery Olefins	0	0	—	157	329	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	157	329	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	20	0	—	0	1,031	—	—	0	48
Motor Gasoline Blending Components	7,090	0	0	1,277	1,838	1,666	0	56,231	3,482
Reformulated - RBOB	0	0	0	0	282	—	0	6,523	699
Conventional	7,090	0	0	1,277	1,556	1,666	0	49,708	2,783
CBOB	7,090	0	0	1,277	1,349	1,666	0	48,892	2,783
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	207	—	—	816	0
Biofuels (including Fuel Ethanol)	0	0	0	9,169	5,667	484	4,410	15	0
Fuel Ethanol	0	0	0	9,049	5,387	453	4,010	15	0
Biodiesel	0	0	0	120	281	31	400	0	0
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	92	0	0	579	157	104	0	1,363	466
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	92	0	0	579	157	104	0	1,363	466
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	92	0	0	579	157	104	0	1,363	466
Finished Aviation Gasoline	0	0	—	0	0	—	—	46	47
Kerosene-Type Jet Fuel	405	0	0	384	28	721	0	14,492	1,495
Kerosene	—	0	—	0	0	—	—	37	—
Distillate Fuel Oil	2,534	0	0	1,466	967	867	0	28,118	2,391
15 ppm sulfur and under	2,534	0	0	1,466	967	867	0	27,394	2,287
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	1	104
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	723	—
Residual Fuel Oil	0	0	—	—	1,179	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	155	—	—	—	26
Naphtha for Petrochemical Feedstock Use	0	0	—	—	135	—	—	—	26
Other Oils for Petrochemical Feedstock Use	0	0	—	—	20	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	33
Lubricants	0	0	—	20	29	—	—	316	198
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	12	0	274	730	33	10	16	10
Asphalt and Road Oil	63	0	0	778	452	0	108	350	317
Miscellaneous Products	0	0	—	—	0	—	—	—	6
Total	18,319	58	0	24,408	102,710	19,702	9,116	105,046	39,379

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, November 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to				
	4	5	1	2	3	5	1	2	3	4	
Crude Oil	0	0	0	24,019	1,610	0	0	0	0	0	0
Petroleum Products	0	5,740	0	21,369	4,295	2,957	0	71	55	16	16
Natural Gas Liquids	0	141	0	20,326	4,168	574	0	0	0	0	0
Ethane	0	—	0	6,469	1,444	—	0	0	0	0	0
Propane	0	0	0	7,197	1,308	192	0	0	0	0	0
Normal Butane	0	93	0	2,960	390	307	0	0	0	0	0
Isobutane	0	48	0	1,147	432	75	0	0	0	0	0
Natural Gasoline	0	—	0	2,553	594	—	0	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—	—
Motor Gasoline Blending Components	0	3,449	0	205	0	1,260	0	0	0	0	0
Reformulated - RBOB	—	1,971	0	0	0	0	0	0	0	—	—
Conventional	0	1,478	0	205	0	1,260	0	0	0	0	0
CBOB	0	1,478	0	205	0	1,260	0	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—	—
Biofuels (including Fuel Ethanol)	0	1,076	0	0	0	92	0	0	0	0	0
Fuel Ethanol	0	508	0	0	0	92	0	0	0	0	0
Biodiesel	0	74	0	0	0	0	0	0	0	0	0
Renewable Diesel Fuel	—	494	—	—	0	0	—	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	378	0	86	0	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	378	0	86	0	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	378	0	86	0	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	0	—	0	0	0	—	—
Kerosene-Type Jet Fuel	0	221	0	24	0	329	0	0	0	0	0
Kerosene	—	—	0	—	0	—	0	—	0	—	—
Distillate Fuel Oil	0	751	0	358	0	402	0	0	0	0	0
15 ppm sulfur and under	0	751	0	358	0	402	0	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	0	—	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—	—
Special Naphthas	—	—	—	0	0	—	—	0	0	—	—
Lubricants	—	—	0	0	0	—	0	0	0	—	—
Waxes	—	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	10	0	0	3	6	0	71	55	3	3
Asphalt and Road Oil	0	93	0	78	124	207	0	0	0	13	13
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—	—
Total	0	5,740	0	45,388	5,905	2,957	0	71	55	16	16

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, December 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	544	20	0	1,579	53,726	5,278	2,234	2,346	22,298
Petroleum Products	17,743	88	0	22,272	41,810	11,852	4,713	105,155	20,091
Natural Gas Liquids	7,426	33	0	7,582	29,924	8,095	1,145	2,676	13,597
Ethane	5,376	0	—	505	13,843	2,001	—	0	1,346
Propane	1,052	9	0	5,372	8,432	3,164	410	2,601	1,728
Normal Butane	324	0	0	1,595	3,442	1,326	673	75	1,027
Isobutane	436	24	0	109	1,347	471	62	0	994
Natural Gasoline	238	0	—	0	2,860	1,133	—	0	8,502
Refinery Olefins	0	0	—	267	532	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	267	532	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	63	0	—	0	1,079	—	—	15	20
Motor Gasoline Blending Components	7,153	0	0	1,475	1,597	1,753	0	56,072	2,763
Reformulated - RBOB	0	0	0	0	285	—	0	6,696	519
Conventional	7,153	0	0	1,475	1,312	1,753	0	49,376	2,244
CBOB	7,153	0	0	1,475	1,265	1,753	0	48,538	2,244
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	47	—	—	838	0
Biofuels (including Fuel Ethanol)	0	0	0	9,625	4,973	474	3,431	0	0
Fuel Ethanol	0	0	0	9,368	4,700	440	2,979	0	0
Biodiesel	0	0	0	256	274	34	452	0	0
Renewable Diesel Fuel	—	0	0	—	0	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	92	0	0	562	117	97	0	1,962	187
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	92	0	0	562	117	97	0	1,962	187
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	92	0	0	562	117	97	0	1,962	187
Finished Aviation Gasoline	—	0	—	0	0	—	—	50	—
Kerosene-Type Jet Fuel	405	0	0	109	0	528	0	15,386	1,660
Kerosene	—	0	—	0	0	—	—	37	—
Distillate Fuel Oil	2,564	0	0	1,518	1,060	881	0	28,122	1,538
15 ppm sulfur and under	2,564	0	0	1,518	1,060	881	0	27,225	1,391
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—	—	1	147
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	896	—
Residual Fuel Oil	0	0	—	—	1,185	—	—	—	0
Petrochemical Feedstocks	0	31	—	0	134	—	—	0	35
Naphtha for Petrochemical Feedstock Use	0	0	—	—	92	—	—	—	35
Other Oils for Petrochemical Feedstock Use	0	31	—	0	42	—	—	0	0
Special Naphthas	—	—	—	—	—	—	—	—	—
Lubricants	0	0	—	0	0	—	—	512	134
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	24	0	486	754	20	3	50	16
Asphalt and Road Oil	40	0	0	649	454	5	134	273	126
Miscellaneous Products	0	0	—	—	0	—	—	—	15
Total	18,287	108	0	23,852	95,536	17,130	6,948	107,501	42,389

See footnotes at end of table.

Table 36. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail¹ Between PAD Districts, December 2022
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to				
	4	5	1	2	3	5	1	2	3	4	
Crude Oil	0	0	0	24,060	1,217	0	0	0	0	0	0
Petroleum Products	0	5,688	0	18,795	3,222	3,089	0	71	26	76	76
Natural Gas Liquids	0	192	0	17,526	3,071	770	0	0	0	0	0
Ethane	0	—	0	5,199	820	—	0	0	0	0	0
Propane	0	0	0	6,389	1,038	286	0	0	0	0	0
Normal Butane	0	154	0	2,645	447	408	0	0	0	0	0
Isobutane	0	38	0	1,031	249	75	0	0	0	0	0
Natural Gasoline	0	—	0	2,262	517	—	0	0	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	0	—	—
Normal Butylene	—	—	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	0	—	—
Motor Gasoline Blending Components	0	3,571	0	178	0	1,428	0	0	0	0	0
Reformulated - RBOB	—	2,031	0	0	0	0	0	0	0	—	—
Conventional	0	1,540	0	178	0	1,428	0	0	0	0	0
CBOB	0	1,540	0	178	0	1,428	0	0	0	0	0
GTAB	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	0	—	—
Biofuels (including Fuel Ethanol)	0	1,006	0	0	0	121	0	0	0	0	3
Fuel Ethanol	0	494	0	0	0	121	0	0	0	0	0
Biodiesel	0	80	0	0	0	0	0	0	0	0	3
Renewable Diesel Fuel	—	432	—	—	0	0	—	—	0	—	—
Other Biofuels ²	—	—	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	435	0	100	0	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	435	0	100	0	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	435	0	100	0	0	0	0	0
Finished Aviation Gasoline	—	—	0	—	0	—	0	—	0	—	—
Kerosene-Type Jet Fuel	0	260	0	12	0	25	0	0	0	0	0
Kerosene	—	—	0	—	0	—	0	—	0	—	—
Distillate Fuel Oil	0	571	0	390	0	274	0	0	0	0	0
15 ppm sulfur and under	0	571	0	390	0	274	0	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	0	—	0	0	0	—	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	—	0	—	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	0	—	—
Petrochemical Feedstocks	—	—	0	0	0	—	0	0	0	—	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	0	—	—
Other Oils for Petrochemical Feedstock Use	—	—	0	0	0	—	0	0	0	—	—
Special Naphthas	—	—	—	—	—	—	—	—	—	—	—
Lubricants	—	—	0	0	0	—	0	0	0	—	—
Waxes	—	—	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	13	0	168	40	64	0	71	26	32	32
Asphalt and Road Oil	0	75	0	86	111	306	0	0	0	41	41
Miscellaneous Products	—	—	—	0	0	—	—	0	0	—	—
Total	0	5,688	0	42,855	4,439	3,089	0	71	26	76	76

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, January 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	120	36	167	55,962	6,864	135	12,832	0	-
Petroleum Products	14,325	0	7,515	33,696	12,129	81,543	16,473	0	4,404
Natural Gas Liquids	6,297	0	4,929	31,069	8,793	2,455	10,198	0	-
Ethane	4,811	0	0	15,354	2,473	0	1,370	0	-
Propane	871	0	3,706	9,461	3,322	2,455	1,907	0	-
Normal Butane	113	0	1,223	2,599	1,382	0	372	0	-
Isobutane	267	0	0	1,151	495	0	1,012	0	-
Natural Gasoline	235	0	0	2,504	1,121	0	5,537	0	-
Motor Gasoline Blending Components	5,277	0	823	1,583	1,890	43,200	2,922	0	3,131
Reformulated - RBOB	0	0	0	370	-	6,648	625	-	1,689
Conventional	5,277	0	823	1,213	1,890	36,552	2,297	0	1,442
CBOB	5,277	0	823	1,213	1,890	35,897	2,247	0	1,442
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	655	50	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	43	0	874	0	99	1,997	358	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	43	0	874	0	99	1,997	358	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	43	0	874	0	99	1,997	358	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	268	0	74	0	775	9,573	1,329	0	244
Kerosene	13	0	0	0	-	81	0	-	-
Distillate Fuel Oil	2,427	0	815	1,044	572	24,237	1,666	0	1,029
15 ppm sulfur and under	2,427	0	815	1,044	572	23,359	1,531	0	1,029
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	135	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	878	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	14,445	36	7,682	89,658	18,993	81,678	29,305	0	4,404

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, January 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,799	249	-	0	0
Petroleum Products	0	19,485	4,527	1,890	0	0
Natural Gas Liquids	0	18,401	4,527	-	0	0
Ethane	0	5,531	1,969	-	0	0
Propane	0	6,719	1,210	-	0	0
Normal Butane	0	2,753	356	-	0	0
Isobutane	0	1,094	416	-	0	0
Natural Gasoline	0	2,304	576	-	0	0
Motor Gasoline Blending Components	0	184	0	1,360	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	184	0	1,360	0	0
CBOB	0	184	0	1,360	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	480	0	83	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	480	0	83	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	480	0	83	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	17	0	0
Kerosene	0	0	0	-	0	-
Distillate Fuel Oil	0	408	0	430	0	0
15 ppm sulfur and under	0	408	0	430	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	45,284	4,776	1,890	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, February 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	167	21	131	47,547	6,020	120	11,660	0	-
Petroleum Products	13,712	0	7,315	30,778	11,028	76,994	15,759	0	3,963
Natural Gas Liquids	5,932	0	4,394	27,414	8,078	2,158	10,385	0	-
Ethane	4,468	0	0	13,212	2,162	0	1,259	0	-
Propane	866	0	3,328	8,409	3,150	2,158	2,115	0	-
Normal Butane	111	0	1,066	2,645	1,289	0	363	0	-
Isobutane	264	0	0	1,021	461	0	1,049	0	-
Natural Gasoline	223	0	0	2,127	1,016	0	5,599	0	-
Motor Gasoline Blending Components	5,085	0	784	1,946	1,486	40,107	2,807	0	3,112
Reformulated - RBOB	0	0	0	206	-	6,440	375	-	1,593
Conventional	5,085	0	784	1,740	1,486	33,667	2,432	0	1,519
CBOB	5,085	0	784	1,740	1,486	33,012	2,432	0	1,519
GTAB	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	-	655	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	43	0	1,012	0	84	1,997	227	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	43	0	1,012	0	84	1,997	227	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	43	0	1,012	0	84	1,997	227	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	268	0	62	30	528	9,190	1,255	0	123
Kerosene	13	0	0	0	-	81	0	-	-
Distillate Fuel Oil	2,371	0	1,063	1,388	852	23,461	1,085	0	728
15 ppm sulfur and under	2,371	0	1,063	1,388	852	22,583	1,031	0	728
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	54	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	878	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	13,879	21	7,446	78,325	17,048	77,114	27,419	0	3,963

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, February 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	22,350	241	-	0	0
Petroleum Products	0	18,128	4,543	1,618	0	0
Natural Gas Liquids	0	17,133	4,543	-	0	0
Ethane	0	5,181	1,948	-	0	0
Propane	0	6,266	1,229	-	0	0
Normal Butane	0	2,562	367	-	0	0
Isobutane	0	1,015	422	-	0	0
Natural Gasoline	0	2,109	577	-	0	0
Motor Gasoline Blending Components	0	178	0	1,209	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	178	0	1,209	0	0
CBOB	0	178	0	1,209	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	398	0	68	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	398	0	68	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	398	0	68	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	30	0	2	0	0
Kerosene	0	0	0	-	0	-
Distillate Fuel Oil	0	389	0	339	0	0
15 ppm sulfur and under	0	389	0	339	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	40,478	4,784	1,618	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, March 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	201	25	135	55,898	6,922	124	19,766	0	-
Petroleum Products	16,371	0	8,681	37,521	13,621	82,012	14,099	0	4,643
Natural Gas Liquids	6,435	0	5,599	35,138	10,153	1,255	9,954	0	-
Ethane	4,937	0	0	17,206	3,206	0	1,390	0	-
Propane	880	0	4,259	10,424	3,702	1,255	1,669	0	-
Normal Butane	113	0	1,340	3,870	1,503	0	392	0	-
Isobutane	270	0	0	1,261	541	0	1,065	0	-
Natural Gasoline	235	0	0	2,377	1,201	0	5,438	0	-
Motor Gasoline Blending Components	6,327	0	1,051	1,615	1,916	47,175	2,210	0	3,451
Reformulated - RBOB	0	0	0	113	-	7,394	365	-	1,899
Conventional	6,327	0	1,051	1,502	1,916	39,781	1,845	0	1,552
CBOB	6,327	0	1,051	1,502	1,916	38,752	1,845	0	1,552
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	1,029	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	79	0	909	0	109	1,936	158	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	79	0	909	0	109	1,936	158	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	79	0	909	0	109	1,936	158	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	363	0	47	0	708	9,688	876	0	146
Kerosene	-	0	0	0	-	36	-	-	-
Distillate Fuel Oil	3,167	0	1,075	768	735	21,922	901	0	1,046
15 ppm sulfur and under	3,167	0	1,075	768	735	21,247	815	0	1,046
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	86	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	674	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,572	25	8,816	93,419	20,543	82,136	33,865	0	4,643

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, March 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,089	247	-	0	0
Petroleum Products	0	22,255	4,618	1,645	0	0
Natural Gas Liquids	0	21,350	4,618	-	0	0
Ethane	0	7,335	1,988	-	0	0
Propane	0	7,410	1,249	-	0	0
Normal Butane	0	2,981	373	-	0	0
Isobutane	0	1,184	424	-	0	0
Natural Gasoline	0	2,440	584	-	0	0
Motor Gasoline Blending Components	0	125	0	1,160	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	125	0	1,160	0	0
CBOB	0	125	0	1,160	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	382	0	96	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	382	0	96	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	382	0	96	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	28	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	386	0	361	0	0
15 ppm sulfur and under	0	386	0	361	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	47,344	4,865	1,645	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, April 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	209	25	163	48,151	5,321	120	16,040	0	-
Petroleum Products	15,363	0	9,379	37,185	11,904	71,449	15,486	0	4,863
Natural Gas Liquids	7,235	0	6,333	34,726	8,472	1,045	9,984	0	-
Ethane	5,679	0	0	17,359	2,740	0	1,184	0	-
Propane	905	0	4,696	10,093	3,034	1,045	1,420	0	-
Normal Butane	118	0	1,637	3,600	1,264	0	351	0	-
Isobutane	281	0	0	1,312	460	0	1,023	0	-
Natural Gasoline	252	0	0	2,362	974	0	6,006	0	-
Motor Gasoline Blending Components	5,211	0	780	1,604	1,826	40,243	2,962	0	3,449
Reformulated - RBOB	0	0	0	0	-	7,682	1,252	-	1,913
Conventional	5,211	0	780	1,604	1,826	32,561	1,710	0	1,536
CBOB	5,211	0	780	1,604	1,826	31,778	1,610	0	1,536
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	783	100	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	64	0	837	0	108	882	463	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	64	0	837	0	108	882	463	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	64	0	837	0	108	882	463	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	321	0	61	30	748	9,639	998	0	303
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,532	0	1,368	825	750	19,640	1,079	0	1,111
15 ppm sulfur and under	2,532	0	1,368	825	750	19,056	913	0	1,111
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	65	166	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	519	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	15,572	25	9,542	85,336	17,225	71,569	31,526	0	4,863

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, April 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,233	260	-	0	0
Petroleum Products	0	19,556	4,631	1,372	0	0
Natural Gas Liquids	0	18,973	4,631	-	0	0
Ethane	0	6,450	2,002	-	0	0
Propane	0	6,581	1,245	-	0	0
Normal Butane	0	2,679	373	-	0	0
Isobutane	0	1,074	422	-	0	0
Natural Gasoline	0	2,189	589	-	0	0
Motor Gasoline Blending Components	0	187	0	994	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	187	0	994	0	0
CBOB	0	187	0	994	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	176	0	108	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	176	0	108	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	176	0	108	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	68	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	208	0	202	0	0
15 ppm sulfur and under	0	208	0	202	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	44,789	4,891	1,372	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, May 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	245	25	187	53,050	6,819	120	20,458	0	-
Petroleum Products	16,436	0	9,332	36,526	13,660	80,108	19,120	0	5,064
Natural Gas Liquids	6,701	0	6,813	34,037	9,989	723	11,960	0	-
Ethane	4,941	0	0	17,160	3,108	0	1,242	0	-
Propane	1,016	0	5,007	9,432	3,593	723	1,455	0	-
Normal Butane	135	0	1,806	3,733	1,549	0	365	0	-
Isobutane	318	0	0	1,214	551	0	1,204	0	-
Natural Gasoline	291	0	0	2,498	1,188	0	7,694	0	-
Motor Gasoline Blending Components	6,679	0	460	1,708	1,823	47,814	3,398	0	3,674
Reformulated - RBOB	0	0	0	93	-	10,272	1,605	-	2,051
Conventional	6,679	0	460	1,615	1,823	37,542	1,793	0	1,623
CBOB	6,679	0	460	1,615	1,823	36,236	1,593	0	1,623
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	1,306	200	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	83	0	818	0	107	567	367	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	83	0	818	0	107	567	367	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	83	0	818	0	107	567	367	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	374	0	67	23	758	12,347	1,190	0	255
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,599	0	1,174	758	983	18,657	2,205	0	1,135
15 ppm sulfur and under	2,599	0	1,174	758	983	17,715	2,180	0	1,135
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	25	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	941	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,681	25	9,519	89,576	20,479	80,228	39,578	0	5,064

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, May 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,079	239	-	0	0
Petroleum Products	0	21,535	4,639	1,187	0	0
Natural Gas Liquids	0	20,837	4,639	-	0	0
Ethane	0	6,921	2,010	-	0	0
Propane	0	7,215	1,242	-	0	0
Normal Butane	0	3,034	372	-	0	0
Isobutane	0	1,193	422	-	0	0
Natural Gasoline	0	2,474	593	-	0	0
Motor Gasoline Blending Components	0	227	0	922	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	227	0	922	0	0
CBOB	0	227	0	922	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	259	0	79	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	259	0	79	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	259	0	79	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	42	0	20	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	170	0	166	0	0
15 ppm sulfur and under	0	170	0	166	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	46,614	4,878	1,187	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, June 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	223	20	170	46,790	6,357	113	22,612	0	-
Petroleum Products	16,693	0	7,664	38,179	14,528	80,675	20,688	0	4,507
Natural Gas Liquids	6,681	0	5,726	35,913	10,627	784	9,987	0	-
Ethane	5,153	0	0	17,892	3,034	0	1,047	0	-
Propane	886	0	4,433	9,366	3,909	784	1,458	0	-
Normal Butane	117	0	1,293	4,397	1,732	0	372	0	-
Isobutane	273	0	0	1,362	612	0	670	0	-
Natural Gasoline	252	0	0	2,896	1,340	0	6,440	0	-
Motor Gasoline Blending Components	6,715	0	504	1,178	2,223	45,441	4,619	0	3,215
Reformulated - RBOB	0	0	0	55	40	9,615	2,543	0	1,888
Conventional	6,715	0	504	1,123	2,183	35,826	2,076	0	1,327
CBOB	6,715	0	504	1,123	2,183	34,846	1,985	0	1,327
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	980	91	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	76	0	449	0	126	334	2,440	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	76	0	449	0	126	334	2,440	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	76	0	449	0	126	334	2,440	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	287	0	72	60	740	11,029	1,644	0	169
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,934	0	913	1,028	812	23,087	1,998	0	1,123
15 ppm sulfur and under	2,934	0	913	1,028	812	22,210	1,897	0	1,123
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	101	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	876	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,916	20	7,834	84,969	20,885	80,788	43,300	0	4,507

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, June 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,811	259	-	0	0
Petroleum Products	0	21,723	4,879	1,394	0	0
Natural Gas Liquids	0	20,756	4,879	-	0	0
Ethane	0	6,734	1,995	-	0	0
Propane	0	7,207	1,401	-	0	0
Normal Butane	0	3,063	524	-	0	0
Isobutane	0	1,194	319	-	0	0
Natural Gasoline	0	2,558	640	-	0	0
Motor Gasoline Blending Components	0	220	0	964	0	0
Reformulated - RBOB	0	0	0	0	0	0
Conventional	0	220	0	964	0	0
CBOB	0	220	0	964	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	382	0	104	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	382	0	104	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	382	0	104	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	15	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	353	0	311	0	0
15 ppm sulfur and under	0	353	0	311	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	47,534	5,138	1,394	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, July 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	219	25	120	48,451	6,465	115	22,997	0	-
Petroleum Products	16,866	0	8,426	39,819	14,326	76,615	23,505	0	4,517
Natural Gas Liquids	6,582	0	6,482	37,586	10,686	820	10,061	0	-
Ethane	4,985	0	2	18,415	3,061	0	1,059	0	-
Propane	909	0	4,796	9,888	3,855	820	1,061	0	-
Normal Butane	116	0	1,684	4,283	1,747	0	382	0	-
Isobutane	268	0	0	1,485	609	0	740	0	-
Natural Gasoline	304	0	0	3,515	1,414	0	6,819	0	-
Motor Gasoline Blending Components	7,233	0	508	1,140	2,213	45,391	6,354	0	3,261
Reformulated - RBOB	0	0	0	0	-	9,871	3,672	-	1,869
Conventional	7,233	0	508	1,140	2,213	35,520	2,682	0	1,392
CBOB	7,233	0	508	1,140	2,213	35,191	2,682	0	1,392
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	329	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	73	0	556	0	106	221	3,022	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	73	0	556	0	106	221	3,022	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	73	0	556	0	106	221	3,022	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	359	0	128	62	710	11,325	1,023	0	235
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,619	0	752	1,031	611	18,858	3,045	0	1,021
15 ppm sulfur and under	2,619	0	752	1,031	611	18,341	2,972	0	1,021
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	73	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	517	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,085	25	8,546	88,270	20,791	76,730	46,502	0	4,517

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, July 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,977	263	-	0	0
Petroleum Products	0	23,003	4,850	1,540	0	0
Natural Gas Liquids	0	22,030	4,850	-	0	0
Ethane	0	7,196	2,098	-	0	0
Propane	0	7,516	1,314	-	0	0
Normal Butane	0	3,263	509	-	0	0
Isobutane	0	1,263	303	-	0	0
Natural Gasoline	0	2,792	626	-	0	0
Motor Gasoline Blending Components	0	232	0	1,055	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	232	0	1,055	0	0
CBOB	0	232	0	1,055	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	316	0	65	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	316	0	65	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	316	0	65	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	38	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	413	0	382	0	0
15 ppm sulfur and under	0	413	0	382	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	48,980	5,113	1,540	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, August 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	185	23	178	53,747	6,195	120	23,144	0	-
Petroleum Products	16,734	0	8,549	39,724	14,911	81,592	21,106	0	4,446
Natural Gas Liquids	7,299	0	6,326	37,775	11,446	1,148	11,870	0	-
Ethane	5,724	0	57	17,675	3,400	0	1,315	0	-
Propane	927	0	4,615	10,962	4,063	1,148	1,889	0	-
Normal Butane	119	0	1,654	4,066	1,825	0	502	0	-
Isobutane	276	0	0	1,435	633	0	671	0	-
Natural Gasoline	253	0	0	3,637	1,525	0	7,493	0	-
Motor Gasoline Blending Components	6,168	0	650	1,161	1,765	47,165	4,270	0	3,507
Reformulated - RBOB	0	0	0	0	-	10,888	1,799	-	1,954
Conventional	6,168	0	650	1,161	1,765	36,277	2,471	0	1,553
CBOB	6,168	0	650	1,161	1,765	35,591	2,471	0	1,553
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	686	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	106	0	726	0	105	340	1,220	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	106	0	726	0	105	340	1,220	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	106	0	726	0	105	340	1,220	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	375	0	75	30	735	12,276	1,047	0	288
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,786	0	772	758	860	20,663	2,699	0	651
15 ppm sulfur and under	2,786	0	772	758	860	19,861	2,624	0	651
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	75	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	801	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	16,919	23	8,727	93,471	21,106	81,712	44,250	0	4,446

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, August 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	25,527	276	-	0	0
Petroleum Products	0	22,708	4,843	1,513	0	0
Natural Gas Liquids	0	21,622	4,843	-	0	0
Ethane	0	6,772	1,880	-	0	0
Propane	0	7,512	1,407	-	0	0
Normal Butane	0	3,241	558	-	0	0
Isobutane	0	1,254	325	-	0	0
Natural Gasoline	0	2,843	673	-	0	0
Motor Gasoline Blending Components	0	264	0	1,131	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	264	0	1,131	0	0
CBOB	0	264	0	1,131	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	385	0	81	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	385	0	81	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	385	0	81	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	10	0	34	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	427	0	267	0	0
15 ppm sulfur and under	0	427	0	267	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	48,235	5,119	1,513	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, September 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	199	15	180	50,943	6,204	112	18,313	0	-
Petroleum Products	17,607	0	7,986	34,500	14,403	81,937	16,557	0	4,170
Natural Gas Liquids	7,179	0	6,364	32,873	10,836	1,450	8,147	0	-
Ethane	5,551	0	201	15,316	3,206	0	1,219	0	-
Propane	931	0	4,573	9,231	3,872	1,450	1,755	0	-
Normal Butane	121	0	1,590	3,365	1,708	0	487	0	-
Isobutane	288	0	0	1,374	597	0	824	0	-
Natural Gasoline	288	0	0	3,587	1,453	0	3,862	0	-
Motor Gasoline Blending Components	7,098	0	550	996	2,030	46,664	3,556	0	3,243
Reformulated - RBOB	0	0	0	98	-	7,553	877	-	1,940
Conventional	7,098	0	550	898	2,030	39,111	2,679	0	1,303
CBOB	7,098	0	550	898	2,030	38,911	2,621	0	1,303
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	200	58	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	73	0	162	0	125	464	1,625	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	73	0	162	0	125	464	1,625	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	73	0	162	0	125	464	1,625	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	327	0	130	30	684	11,415	593	0	207
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,930	0	780	601	728	21,944	2,636	0	720
15 ppm sulfur and under	2,930	0	780	601	728	21,220	2,611	0	720
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	25	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	723	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,806	15	8,166	85,443	20,607	82,049	34,870	0	4,170

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, September 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	24,132	246	-	0	0
Petroleum Products	0	21,995	4,061	1,401	0	0
Natural Gas Liquids	0	20,935	4,061	-	0	0
Ethane	0	6,415	1,223	-	0	0
Propane	0	7,354	1,319	-	0	0
Normal Butane	0	3,154	543	-	0	0
Isobutane	0	1,220	318	-	0	0
Natural Gasoline	0	2,792	658	-	0	0
Motor Gasoline Blending Components	0	182	0	941	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	182	0	941	0	0
CBOB	0	182	0	941	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	407	0	109	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	407	0	109	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	407	0	109	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	20	0	38	0	0
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	451	0	313	0	0
15 ppm sulfur and under	0	451	0	313	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	46,127	4,307	1,401	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	195	20	189	52,166	6,408	117	19,620	0	-
Petroleum Products	17,337	0	7,834	35,010	14,809	82,282	16,876	0	4,900
Natural Gas Liquids	7,409	0	5,706	32,342	10,980	1,725	8,327	0	-
Ethane	5,712	0	114	14,913	3,193	0	1,237	0	-
Propane	996	0	4,260	9,207	4,033	1,725	1,958	0	-
Normal Butane	128	0	1,332	3,284	1,695	0	575	0	-
Isobutane	305	0	0	1,386	596	0	750	0	-
Natural Gasoline	268	0	0	3,552	1,463	0	3,807	0	-
Motor Gasoline Blending Components	6,770	0	546	1,469	2,106	44,813	3,281	0	3,791
Reformulated - RBOB	0	0	0	273	-	6,656	1,058	-	2,144
Conventional	6,770	0	546	1,196	2,106	38,157	2,223	0	1,647
CBOB	6,770	0	546	1,196	2,106	37,341	2,165	0	1,647
GTAB	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	816	58	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	92	0	386	0	114	982	1,592	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	92	0	386	0	114	982	1,592	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	92	0	386	0	114	982	1,592	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	405	0	186	0	813	11,031	602	0	203
Kerosene	-	0	0	0	-	37	-	-	-
Distillate Fuel Oil	2,661	0	1,010	1,199	796	23,694	3,074	0	906
15 ppm sulfur and under	2,661	0	1,010	1,199	796	23,046	3,049	0	906
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	25	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	647	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,532	20	8,023	87,176	21,217	82,399	36,496	0	4,900

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, October 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	26,438	262	-	0	0
Petroleum Products	0	22,719	4,392	1,570	0	0
Natural Gas Liquids	0	21,718	4,392	-	0	0
Ethane	0	6,816	1,590	-	0	0
Propane	0	7,697	1,324	-	0	0
Normal Butane	0	3,175	524	-	0	0
Isobutane	0	1,239	314	-	0	0
Natural Gasoline	0	2,791	640	-	0	0
Motor Gasoline Blending Components	0	175	0	1,207	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	175	0	1,207	0	0
CBOB	0	175	0	1,207	0	0
GTAB	-	-	-	-	-	-
Other	0	0	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	432	0	92	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	432	0	92	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	432	0	92	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	30	0	8	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	364	0	263	0	0
15 ppm sulfur and under	0	364	0	263	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	49,157	4,654	1,570	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	215	21	235	55,586	5,765	115	17,675	0	-
Petroleum Products	17,622	0	9,782	36,537	13,420	81,576	20,070	0	4,350
Natural Gas Liquids	7,501	0	7,150	34,009	10,062	1,703	12,531	0	-
Ethane	5,814	0	114	16,260	2,950	0	1,367	0	-
Propane	1,005	0	5,158	9,607	3,690	1,703	1,993	0	-
Normal Butane	128	0	1,878	3,412	1,551	0	401	0	-
Isobutane	304	0	0	1,402	549	0	1,269	0	-
Natural Gasoline	250	0	0	3,328	1,322	0	7,501	0	-
Motor Gasoline Blending Components	7,090	0	707	1,549	1,666	44,483	3,482	0	3,449
Reformulated - RBOB	0	0	0	282	-	6,523	699	-	1,971
Conventional	7,090	0	707	1,267	1,666	37,960	2,783	0	1,478
CBOB	7,090	0	707	1,267	1,666	37,144	2,783	0	1,478
GTAB	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	-	816	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	92	0	525	0	104	982	393	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	92	0	525	0	104	982	393	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	92	0	525	0	104	982	393	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	405	0	384	28	721	10,804	1,460	0	221
Kerosene	-	0	0	0	-	37	-	-	-
Distillate Fuel Oil	2,534	0	1,016	951	867	23,567	2,204	0	680
15 ppm sulfur and under	2,534	0	1,016	951	867	22,919	2,100	0	680
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	104	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	647	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,837	21	10,017	92,123	19,185	81,691	37,745	0	4,350

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	24,019	227	-	0	0
Petroleum Products	0	21,291	4,168	2,077	0	0
Natural Gas Liquids	0	20,326	4,168	-	0	0
Ethane	0	6,469	1,444	-	0	0
Propane	0	7,197	1,308	-	0	0
Normal Butane	0	2,960	390	-	0	0
Isobutane	0	1,147	432	-	0	0
Natural Gasoline	0	2,553	594	-	0	0
Motor Gasoline Blending Components	0	205	0	1,260	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	205	0	1,260	0	0
CBOB	0	205	0	1,260	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	378	0	86	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	378	0	86	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	378	0	86	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	24	0	329	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	358	0	402	0	0
15 ppm sulfur and under	0	358	0	402	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	45,310	4,395	2,077	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2022
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	234	20	200	53,647	5,278	111	22,298	0	-
Petroleum Products	17,266	0	8,312	31,994	11,354	83,551	18,850	0	4,402
Natural Gas Liquids	7,052	0	5,910	29,518	8,095	2,299	12,921	0	-
Ethane	5,376	0	505	13,843	2,001	0	1,346	0	-
Propane	1,010	0	4,126	8,119	3,164	2,299	1,664	0	-
Normal Butane	127	0	1,279	3,383	1,326	0	655	0	-
Isobutane	301	0	0	1,313	471	0	754	0	-
Natural Gasoline	238	0	0	2,860	1,133	0	8,502	0	-
Motor Gasoline Blending Components	7,153	0	711	1,468	1,753	45,408	2,763	0	3,571
Reformulated - RBOB	0	0	0	285	-	6,696	519	-	2,031
Conventional	7,153	0	711	1,183	1,753	38,712	2,244	0	1,540
CBOB	7,153	0	711	1,183	1,753	37,896	2,244	0	1,540
GTAB	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	-	816	-	-	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Biodiesel	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	-	-	-	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	92	0	511	0	97	982	187	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	92	0	511	0	97	982	187	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	92	0	511	0	97	982	187	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	405	0	109	0	528	10,968	1,660	0	260
Kerosene	-	0	0	0	-	37	-	-	-
Distillate Fuel Oil	2,564	0	1,071	1,008	881	23,857	1,319	0	571
15 ppm sulfur and under	2,564	0	1,071	1,008	881	23,209	1,172	0	571
Greater than 15 ppm to 500 ppm sulfur	0	0	0	0	-	1	147	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	647	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	17,500	20	8,512	85,641	16,632	83,662	41,148	0	4,402

See footnotes at end of table.

Table 37. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, December 2022
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	24,060	200	-	0	0
Petroleum Products	0	18,541	3,071	1,827	0	0
Natural Gas Liquids	0	17,526	3,071	-	0	0
Ethane	0	5,199	820	-	0	0
Propane	0	6,389	1,038	-	0	0
Normal Butane	0	2,645	447	-	0	0
Isobutane	0	1,031	249	-	0	0
Natural Gasoline	0	2,262	517	-	0	0
Motor Gasoline Blending Components	0	178	0	1,428	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	178	0	1,428	0	0
CBOB	0	178	0	1,428	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Biofuels (including Fuel Ethanol)	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Biodiesel	--	--	--	--	--	--
Renewable Diesel Fuel	--	--	--	--	--	--
Other Biofuels ¹	--	--	--	--	--	--
Finished Motor Gasoline	0	435	0	100	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	435	0	100	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	435	0	100	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	12	0	25	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	390	0	274	0	0
15 ppm sulfur and under	0	390	0	274	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	42,601	3,271	1,827	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, January 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	155	0	-	209	268	-
Petroleum Products	44	0	-	990	3,838	-
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	21	0	-	0	1,188	-
Motor Gasoline Blending Components	0	0	-	309	447	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	309	447	-
CBOB	0	0	-	309	59	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	388	-
Biofuels (including Fuel Ethanol)	0	0	-	390	647	-
Fuel Ethanol	0	0	-	390	599	-
Biodiesel	0	0	-	-	48	-
Renewable Diesel Fuel	-	-	-	-	-	-
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	0	377	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	0	377	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	0	377	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	24	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	23	0	-	228	16	-
15 ppm sulfur and under	23	0	-	228	16	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	1,028	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	0	0	-	-	496	-
Greater than 1.00 percent sulfur	0	0	-	0	532	-
Petrochemical Feedstocks	0	0	-	-	64	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	42	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	22	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	-	39	20	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	51	-
Miscellaneous Products	0	0	-	-	0	-
Total	199	0	-	1,199	4,106	-

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, January 2022
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,539	—	1,497	42	0	—	0	0	0
Petroleum Products	24,397	—	362	24,035	869	—	0	0	0
Natural Gas Liquids	46	—	—	46	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	46	—	—	46	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	0	—	—	—	160	—	0	0	0
Motor Gasoline Blending Components	14,383	—	—	14,383	0	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	14,383	—	—	14,383	0	—	0	0	0
CBOB	14,309	—	—	14,309	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	74	—	—	74	0	—	0	0	0
Biofuels (including Fuel Ethanol)	220	—	—	220	0	—	0	0	0
Fuel Ethanol	220	—	—	220	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	—	—	—	—
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	1,072	—	—	1,072	0	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	1,072	—	—	1,072	0	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	1,072	—	—	1,072	0	—	0	0	0
Finished Aviation Gasoline	31	—	—	31	42	—	0	0	0
Kerosene-Type Jet Fuel	2,791	—	—	2,791	76	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	5,139	—	—	5,139	251	—	0	0	0
15 ppm sulfur and under	4,994	—	—	4,994	251	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	145	—	—	145	—	—	0	—	0
Residual Fuel Oil	92	—	—	92	0	—	0	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	92	—	—	92	0	—	0	0	0
Petrochemical Feedstocks	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	43	—	—	0	0
Lubricants	502	—	362	140	254	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	121	—	—	121	34	—	0	0	0
Miscellaneous Products	—	—	—	—	9	—	—	0	0
Total	25,936	—	1,859	24,077	869	—	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, February 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	105	0	-	344	85	-
Petroleum Products	21	0	0	966	2,793	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	21	0	-	0	929	-
Motor Gasoline Blending Components	0	0	-	301	262	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	301	262	-
CBOB	0	0	-	301	102	-
GTAB	-	-	-	-	-	-
Other	0	0	-	-	160	-
Biofuels (including Fuel Ethanol)	0	0	0	332	561	0
Fuel Ethanol	0	0	-	332	561	-
Biodiesel	-	-	-	-	-	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	23	125	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	23	125	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	23	125	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	24	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	236	61	-
15 ppm sulfur and under	0	0	-	236	61	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	550	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	0	0	-	-	281	-
Greater than 1.00 percent sulfur	0	0	-	0	269	-
Petrochemical Feedstocks	0	0	-	-	84	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	84	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	0	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	-	0	0	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	50	221	-
Miscellaneous Products	0	0	-	-	0	-
Total	126	0	0	1,310	2,878	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, February 2022
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,225	—	1,225	—	0	—	0	0	0
Petroleum Products	19,265	—	563	18,702	952	255	0	0	0
Natural Gas Liquids	46	—	—	46	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	46	—	—	46	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	50	—	50	—	128	—	0	0	0
Motor Gasoline Blending Components	10,632	—	150	10,482	126	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	10,632	—	150	10,482	126	—	0	0	0
CBOB	10,632	—	150	10,482	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	126	—	—	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	255	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	—	—	—	—	—
Renewable Diesel Fuel	—	—	—	—	—	255	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	413	—	—	413	0	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	413	—	—	413	0	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	413	—	—	413	0	—	0	0	0
Finished Aviation Gasoline	125	—	30	95	12	—	0	0	0
Kerosene-Type Jet Fuel	3,211	—	—	3,211	171	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,092	—	—	4,092	139	—	0	0	0
15 ppm sulfur and under	3,930	—	—	3,930	139	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	162	—	—	162	—	—	0	—	0
Residual Fuel Oil	80	—	80	—	0	—	0	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	80	—	80	—	0	—	0	0	0
Petrochemical Feedstocks	—	—	—	—	10	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	10	—	—	0	0
Special Naphthas	—	—	—	—	30	—	—	0	0
Lubricants	447	—	253	194	202	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	169	—	—	169	123	—	0	0	0
Miscellaneous Products	—	—	—	—	11	—	—	0	0
Total	20,490	—	1,788	18,702	952	255	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, March 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	132	0	-	291	68	-
Petroleum Products	0	0	0	1,275	3,626	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	0	0	-	0	1,639	-
Motor Gasoline Blending Components	0	0	-	455	219	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	455	219	-
CBOB	0	0	-	455	70	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	149	-
Biofuels (including Fuel Ethanol)	0	0	0	335	582	0
Fuel Ethanol	0	0	-	335	533	-
Biodiesel	0	0	-	-	49	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	10	0	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	10	0	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	10	0	-
Finished Aviation Gasoline	-	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	24	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	411	32	-
15 ppm sulfur and under	0	0	-	411	32	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	860	-
Less than 0.31 percent sulfur	0	0	-	-	48	-
0.31 to 1.00 percent sulfur	0	0	-	-	467	-
Greater than 1.00 percent sulfur	0	0	-	-	345	-
Petrochemical Feedstocks	0	0	-	-	67	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	22	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	45	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	40	31	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	196	-
Miscellaneous Products	0	0	-	-	0	-
Total	132	0	0	1,566	3,694	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, March 2022
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	2,501	—	2,460	41	0	—	0	0	0
Petroleum Products	20,253	—	652	19,601	1,883	465	0	0	96
Natural Gas Liquids	76	—	—	76	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	76	—	—	76	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	60	—	60	—	729	—	0	0	0
Motor Gasoline Blending Components	10,294	—	374	9,920	142	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	10,294	—	374	9,920	142	—	0	0	0
CBOB	9,920	—	—	9,920	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	374	—	374	—	142	—	0	0	0
Biofuels (including Fuel Ethanol)	26	—	—	26	0	465	0	0	0
Fuel Ethanol	26	—	—	26	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	465	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	689	—	—	689	27	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	689	—	—	689	27	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	689	—	—	689	27	—	0	0	0
Finished Aviation Gasoline	37	—	—	37	—	—	0	—	0
Kerosene-Type Jet Fuel	3,518	—	—	3,518	357	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,737	—	—	4,737	254	—	0	0	0
15 ppm sulfur and under	4,574	—	—	4,574	254	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	163	—	—	163	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	25	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	25	—	—	0	0
Special Naphthas	—	—	—	—	29	—	—	0	0
Lubricants	500	—	218	282	198	0	0	0	96
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	316	—	—	316	112	—	0	0	0
Miscellaneous Products	—	—	—	—	10	—	—	0	0
Total	22,754	—	3,112	19,642	1,883	465	0	0	96

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, April 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	208	589	-	345	40	-
Petroleum Products	49	0	0	1,165	2,412	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	37	0	-	0	748	-
Motor Gasoline Blending Components	0	0	-	528	93	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	528	93	-
CBOB	0	0	-	528	68	-
GTAB	-	-	-	-	-	-
Other	0	0	-	-	25	-
Biofuels (including Fuel Ethanol)	0	0	0	280	603	0
Fuel Ethanol	0	0	-	280	561	-
Biodiesel	0	0	-	-	42	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	39	0	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	39	0	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	39	0	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	25	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	12	0	-	276	24	-
15 ppm sulfur and under	12	0	-	276	24	-
Greater than 15 ppm to 500 ppm sulfur	0	0	-	-	0	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	664	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	0	0	-	-	402	-
Greater than 1.00 percent sulfur	0	0	-	-	262	-
Petrochemical Feedstocks	0	0	-	-	97	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	97	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	17	22	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	161	-
Miscellaneous Products	0	0	-	-	0	-
Total	257	589	0	1,510	2,452	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, April 2022
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	2,430	—	2,430	—	0	—	0	0	0
Petroleum Products	23,421	143	519	22,759	2,167	471	0	0	96
Natural Gas Liquids	30	—	—	30	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	30	—	—	30	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	31	—	31	—	792	—	0	0	0
Motor Gasoline Blending Components	13,493	—	—	13,493	402	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	13,493	—	—	13,493	402	—	0	0	0
CBOB	13,493	—	—	13,493	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	402	—	—	0	0
Biofuels (including Fuel Ethanol)	137	—	—	137	0	471	0	0	0
Fuel Ethanol	137	—	—	137	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	471	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	432	—	—	432	253	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	432	—	—	432	253	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	432	—	—	432	253	—	0	0	0
Finished Aviation Gasoline	116	15	30	71	25	—	0	0	0
Kerosene-Type Jet Fuel	3,375	128	—	3,247	250	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,921	—	—	4,921	118	—	0	0	0
15 ppm sulfur and under	4,757	—	—	4,757	75	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	43	—	—	0	0
Greater than 500 ppm sulfur	164	—	—	164	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	21	—	—	0	0
Lubricants	689	—	458	231	222	0	0	0	96
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	197	—	—	197	79	—	0	0	0
Miscellaneous Products	—	—	—	—	5	—	—	0	0
Total	25,851	143	2,949	22,759	2,167	471	0	0	96

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, May 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	129	895	-	271	40	-
Petroleum Products	86	0	0	1,306	2,856	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	86	0	-	0	862	-
Motor Gasoline Blending Components	0	0	-	648	139	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	648	139	-
CBOB	0	0	-	648	96	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	43	-
Biofuels (including Fuel Ethanol)	0	0	0	283	622	0
Fuel Ethanol	0	0	-	283	562	-
Biodiesel	0	0	-	-	60	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	20	99	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	20	99	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	20	99	-
Finished Aviation Gasoline	0	0	-	0	52	-
Kerosene-Type Jet Fuel	0	0	-	0	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	353	47	-
15 ppm sulfur and under	0	0	-	353	47	-
Greater than 15 ppm to 500 ppm sulfur	0	0	-	-	0	-
Greater than 500 ppm sulfur	-	-	-	-	-	-
Residual Fuel Oil	0	0	-	-	805	-
Less than 0.31 percent sulfur	0	0	-	-	80	-
0.31 to 1.00 percent sulfur	0	0	-	-	347	-
Greater than 1.00 percent sulfur	0	0	-	-	378	-
Petrochemical Feedstocks	0	0	-	-	48	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	48	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	0	0	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	2	182	-
Miscellaneous Products	-	-	-	-	-	-
Total	215	895	0	1,577	2,896	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, May 2022
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	2,300	—	2,258	42	0	—	0	0	0
Petroleum Products	21,900	—	675	21,225	1,893	427	0	0	20
Natural Gas Liquids	68	—	—	68	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	68	—	—	68	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	34	—	34	—	552	—	0	0	0
Motor Gasoline Blending Components	11,778	—	349	11,429	206	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	11,778	—	349	11,429	206	—	0	0	0
CBOB	11,429	—	—	11,429	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	349	—	349	—	206	—	0	0	0
Biofuels (including Fuel Ethanol)	43	—	—	43	0	427	0	0	0
Fuel Ethanol	43	—	—	43	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	427	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	372	—	—	372	152	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	372	—	—	372	152	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	372	—	—	372	152	—	0	0	0
Finished Aviation Gasoline	58	—	—	58	25	—	0	0	0
Kerosene-Type Jet Fuel	5,010	—	—	5,010	50	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,794	—	—	3,794	577	—	0	0	0
15 ppm sulfur and under	3,794	—	—	3,794	302	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	275	—	—	0	0
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	—	—	—	—	35	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	35	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	12	—	—	0	0
Lubricants	535	—	292	243	228	0	0	0	20
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	208	—	—	208	56	—	0	0	0
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	24,200	—	2,933	21,267	1,893	427	0	0	20

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, June 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	126	0	-	214	0	-
Petroleum Products	25	0	0	1,377	2,741	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	25	0	-	0	777	-
Motor Gasoline Blending Components	0	0	0	594	121	0
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	0	594	121	0
CBOB	0	0	0	594	94	0
GTAB	-	-	-	-	-	-
Other	0	0	0	0	27	0
Biofuels (including Fuel Ethanol)	0	0	0	220	666	0
Fuel Ethanol	0	0	-	220	624	-
Biodiesel	0	0	-	-	42	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	40	8	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	40	8	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	40	8	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	0	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	488	39	-
15 ppm sulfur and under	0	0	-	488	39	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	984	-
Less than 0.31 percent sulfur	0	0	-	-	46	-
0.31 to 1.00 percent sulfur	0	0	-	-	454	-
Greater than 1.00 percent sulfur	0	0	-	-	484	-
Petrochemical Feedstocks	0	0	-	-	49	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	49	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	0	0	-
Lubricants	0	0	-	0	9	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	35	88	-
Miscellaneous Products	0	0	-	-	0	-
Total	151	0	0	1,591	2,741	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, June 2022
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,773	—	1,773	—	0	—	0	0	0
Petroleum Products	20,917	39	611	20,267	1,954	768	0	0	0
Natural Gas Liquids	15	—	—	15	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	15	—	—	15	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	26	—	26	—	586	—	0	0	0
Motor Gasoline Blending Components	11,544	—	251	11,293	257	198	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	11,544	—	251	11,293	257	198	0	0	0
CBOB	11,293	—	—	11,293	0	150	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	251	—	251	—	257	48	0	0	0
Biofuels (including Fuel Ethanol)	111	—	—	111	0	570	0	0	0
Fuel Ethanol	111	—	—	111	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	570	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	990	—	—	990	175	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	990	—	—	990	175	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	990	—	—	990	175	—	0	0	0
Finished Aviation Gasoline	103	—	31	72	23	—	0	0	0
Kerosene-Type Jet Fuel	3,370	—	—	3,370	205	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,937	39	—	3,898	223	—	0	0	0
15 ppm sulfur and under	3,856	39	—	3,817	174	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	81	—	—	81	49	—	0	0	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	25	—	—	25	35	—	0	0	0
Lubricants	564	—	303	261	248	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	232	—	—	232	194	—	0	0	0
Miscellaneous Products	—	—	—	—	8	—	—	0	0
Total	22,690	39	2,384	20,267	1,954	768	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, July 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	150	0	—	362	0	—
Petroleum Products	50	0	0	1,246	3,205	0
Natural Gas Liquids	—	0	—	0	0	—
Ethane	—	—	—	—	—	—
Propane	—	0	—	0	0	—
Normal Butane	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—
Unfinished Oils	50	0	0	0	1,306	0
Motor Gasoline Blending Components	0	0	—	532	138	—
Reformulated - RBOB	—	—	—	—	—	—
Conventional	0	0	—	532	138	—
CBOB	0	0	—	532	61	—
GTAB	—	—	—	—	—	—
Other	0	0	—	0	77	—
Biofuels (including Fuel Ethanol)	0	0	0	141	636	0
Fuel Ethanol	0	0	—	141	614	—
Biodiesel	0	0	—	—	22	—
Renewable Diesel Fuel	—	0	0	—	0	0
Other Biofuels ¹	—	—	—	—	—	—
Finished Motor Gasoline	0	0	—	43	204	—
Reformulated	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—
Conventional	0	0	—	43	204	—
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Conventional Other	0	0	—	43	204	—
Finished Aviation Gasoline	—	0	—	0	0	—
Kerosene-Type Jet Fuel	0	0	—	0	0	—
Kerosene	—	—	—	—	—	—
Distillate Fuel Oil	0	0	—	430	42	—
15 ppm sulfur and under	0	0	—	430	42	—
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—
Greater than 500 ppm sulfur	—	0	—	0	0	—
Residual Fuel Oil	0	0	—	—	687	—
Less than 0.31 percent sulfur	0	0	—	—	94	—
0.31 to 1.00 percent sulfur	0	0	—	—	365	—
Greater than 1.00 percent sulfur	0	0	—	—	228	—
Petrochemical Feedstocks	0	0	—	—	117	—
Naphtha for Petrochemical Feedstock Use	0	0	—	—	94	—
Other Oils for Petrochemical Feedstock Use	0	0	—	—	23	—
Special Naphthas	0	0	—	—	50	—
Lubricants	0	0	—	0	9	—
Waxes	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—
Asphalt and Road Oil	0	0	—	100	16	—
Miscellaneous Products	0	0	—	—	0	—
Total	200	0	0	1,608	3,205	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, July 2022
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,552	—	1,552	—	0	—	0	0	0
Petroleum Products	20,097	—	888	19,209	2,176	617	0	0	0
Natural Gas Liquids	52	—	—	52	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	52	—	—	52	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	50	—	50	—	670	276	0	0	0
Motor Gasoline Blending Components	10,722	—	298	10,424	492	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	10,722	—	298	10,424	492	—	0	0	0
CBOB	10,424	—	—	10,424	178	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	298	—	298	—	314	—	0	0	0
Biofuels (including Fuel Ethanol)	15	—	—	15	0	341	0	0	0
Fuel Ethanol	15	—	—	15	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	341	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	915	—	—	915	126	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	915	—	—	915	126	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	915	—	—	915	126	—	0	0	0
Finished Aviation Gasoline	44	—	—	44	—	—	0	—	0
Kerosene-Type Jet Fuel	3,763	—	226	3,537	151	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,734	—	—	3,734	319	—	0	0	0
15 ppm sulfur and under	3,653	—	—	3,653	275	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	44	—	—	0	0
Greater than 500 ppm sulfur	81	—	—	81	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	24	—	—	0	0
Lubricants	541	—	314	227	190	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	261	—	—	261	192	—	0	0	0
Miscellaneous Products	—	—	—	—	12	—	—	0	0
Total	21,649	—	2,440	19,209	2,176	617	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, August 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	178	0	-	358	0	-
Petroleum Products	41	0	0	1,587	3,595	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	41	0	-	0	1,303	-
Motor Gasoline Blending Components	0	0	-	817	404	-
Reformulated - RBOB	-	0	-	0	0	-
Conventional	0	0	-	817	404	-
CBOB	0	0	-	817	102	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	302	-
Biofuels (including Fuel Ethanol)	0	0	0	156	718	0
Fuel Ethanol	0	0	-	156	697	-
Biodiesel	0	0	-	-	21	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	46	6	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	46	6	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	46	6	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	-	0	-	0	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	465	32	-
15 ppm sulfur and under	0	0	-	465	32	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	-	-	-	-	-
Residual Fuel Oil	0	0	-	0	874	-
Less than 0.31 percent sulfur	0	0	-	0	105	-
0.31 to 1.00 percent sulfur	0	0	-	-	304	-
Greater than 1.00 percent sulfur	0	0	-	-	465	-
Petrochemical Feedstocks	0	0	-	-	71	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	48	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	23	-
Special Naphthas	0	0	-	-	100	-
Lubricants	0	0	-	0	23	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	103	64	-
Miscellaneous Products	-	-	-	-	-	-
Total	219	0	0	1,945	3,595	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, August 2022
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,576	—	1,576	—	0	—	0	0	0
Petroleum Products	20,417	302	956	19,159	1,554	704	0	0	0
Natural Gas Liquids	53	—	—	53	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	53	—	—	53	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	83	—	12	71	513	—	0	0	0
Motor Gasoline Blending Components	12,003	302	689	11,012	198	—	0	0	0
Reformulated - RBOB	609	—	609	—	—	—	0	—	0
Conventional	11,394	302	80	11,012	198	—	0	0	0
CBOB	11,012	—	—	11,012	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	382	302	80	—	198	—	0	0	0
Biofuels (including Fuel Ethanol)	37	—	—	37	0	704	0	0	0
Fuel Ethanol	37	—	—	37	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	704	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	998	—	—	998	173	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	998	—	—	998	173	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	998	—	—	998	173	—	0	0	0
Finished Aviation Gasoline	41	—	—	41	50	—	0	0	0
Kerosene-Type Jet Fuel	3,449	—	—	3,449	—	—	0	—	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,012	—	—	3,012	122	—	0	0	0
15 ppm sulfur and under	3,012	—	—	3,012	122	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	93	—	—	93	0	—	0	0	0
Less than 0.31 percent sulfur	93	—	—	93	0	—	0	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	37	—	—	0	0
Lubricants	441	—	255	186	220	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	207	—	—	207	241	—	0	0	0
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	21,993	302	2,532	19,159	1,554	704	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, September 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	178	0	–	413	0	–
Petroleum Products	41	0	0	1,843	2,947	0
Natural Gas Liquids	0	0	–	10	0	–
Ethane	–	–	–	–	–	–
Propane	–	0	–	0	0	–
Normal Butane	0	–	–	10	–	–
Isobutane	–	–	–	–	–	–
Natural Gasoline	–	–	–	–	–	–
Unfinished Oils	41	0	–	0	795	–
Motor Gasoline Blending Components	0	0	–	865	157	–
Reformulated - RBOB	–	–	–	–	–	–
Conventional	0	0	–	865	157	–
CBOB	0	0	–	865	104	–
GTAB	–	–	–	–	–	–
Other	0	0	–	0	53	–
Biofuels (including Fuel Ethanol)	0	0	0	274	702	0
Fuel Ethanol	0	0	–	252	682	–
Biodiesel	0	0	–	22	20	–
Renewable Diesel Fuel	–	0	0	–	0	0
Other Biofuels ¹	–	–	–	–	–	–
Finished Motor Gasoline	0	0	–	41	102	–
Reformulated	–	–	–	–	–	–
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–
Reformulated Other	–	–	–	–	–	–
Conventional	0	0	–	41	102	–
Conventional Blended with Fuel Ethanol	–	–	–	–	–	–
Ed55 and Lower	–	–	–	–	–	–
Greater than Ed55	–	–	–	–	–	–
Conventional Other	0	0	–	41	102	–
Finished Aviation Gasoline	0	0	–	0	0	–
Kerosene-Type Jet Fuel	0	0	–	24	0	–
Kerosene	–	–	–	–	–	–
Distillate Fuel Oil	0	0	–	525	57	–
15 ppm sulfur and under	0	0	–	525	57	–
Greater than 15 ppm to 500 ppm sulfur	0	0	–	–	0	–
Greater than 500 ppm sulfur	–	0	–	0	0	–
Residual Fuel Oil	0	0	–	–	835	–
Less than 0.31 percent sulfur	0	0	–	–	95	–
0.31 to 1.00 percent sulfur	0	0	–	–	206	–
Greater than 1.00 percent sulfur	0	0	–	–	534	–
Petrochemical Feedstocks	0	0	–	–	69	–
Naphtha for Petrochemical Feedstock Use	0	0	–	–	44	–
Other Oils for Petrochemical Feedstock Use	0	0	–	–	25	–
Special Naphthas	0	0	–	–	45	–
Lubricants	0	0	–	0	10	–
Waxes	–	–	–	–	–	–
Marketable Petroleum Coke	–	–	–	–	–	–
Asphalt and Road Oil	0	0	–	104	175	–
Miscellaneous Products	0	0	–	–	0	–
Total	219	0	0	2,256	2,947	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, September 2022
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,610	—	1,568	42	0	—	0	0	0
Petroleum Products	15,872	—	534	15,338	1,464	334	0	0	0
Natural Gas Liquids	30	—	—	30	0	—	0	0	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	30	—	—	30	—	—	0	—	0
Normal Butane	0	—	—	—	0	—	0	0	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	35	—	35	—	81	—	0	0	0
Motor Gasoline Blending Components	9,341	—	212	9,129	305	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	9,341	—	212	9,129	305	—	0	0	0
CBOB	9,029	—	—	9,029	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	312	—	212	100	305	—	0	0	0
Biofuels (including Fuel Ethanol)	80	—	—	80	0	334	0	0	0
Fuel Ethanol	80	—	—	80	0	—	0	0	0
Biodiesel	0	—	—	—	0	—	0	0	0
Renewable Diesel Fuel	—	—	—	—	—	334	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	647	—	—	647	175	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	647	—	—	647	175	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	647	—	—	647	175	—	0	0	0
Finished Aviation Gasoline	116	—	49	67	45	—	0	0	0
Kerosene-Type Jet Fuel	2,434	—	—	2,434	75	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,667	—	—	2,667	288	—	0	0	0
15 ppm sulfur and under	2,586	—	—	2,586	222	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	66	—	—	0	0
Greater than 500 ppm sulfur	81	—	—	81	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	50	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	50	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	15	—	—	0	0
Lubricants	393	—	238	155	189	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	129	—	—	129	233	—	0	0	0
Miscellaneous Products	—	—	—	—	8	—	—	0	0
Total	17,482	—	2,102	15,380	1,464	334	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, October 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	157	0	-	314	0	-
Petroleum Products	40	0	0	1,212	2,989	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	40	0	-	0	1,064	-
Motor Gasoline Blending Components	0	0	-	489	159	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	489	159	-
CBOB	0	0	-	489	54	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	105	-
Biofuels (including Fuel Ethanol)	0	0	0	185	621	0
Fuel Ethanol	0	0	-	185	581	-
Biodiesel	0	0	-	-	40	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	54	31	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	54	31	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	54	31	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	0	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	382	51	-
15 ppm sulfur and under	0	0	-	382	51	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	813	-
Less than 0.31 percent sulfur	0	0	-	-	179	-
0.31 to 1.00 percent sulfur	0	0	-	-	106	-
Greater than 1.00 percent sulfur	0	0	-	-	528	-
Petrochemical Feedstocks	0	0	-	-	138	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	138	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	-	0	0	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	102	112	-
Miscellaneous Products	0	0	-	-	0	-
Total	197	0	0	1,526	2,989	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, October 2022
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	2,218	—	2,218	—	0	—	0	0	0
Petroleum Products	23,788	10	195	23,583	723	530	0	0	0
Natural Gas Liquids	45	—	—	45	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	45	—	—	45	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	10	—	10	—	35	—	0	0	0
Motor Gasoline Blending Components	13,982	—	—	13,982	0	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	13,982	—	—	13,982	0	—	0	0	0
CBOB	13,938	—	—	13,938	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	44	—	—	44	0	—	0	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	530	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	530	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	987	—	—	987	113	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	987	—	—	987	113	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	987	—	—	987	113	—	0	0	0
Finished Aviation Gasoline	117	10	32	75	45	—	0	0	0
Kerosene-Type Jet Fuel	3,704	—	—	3,704	60	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,424	—	—	4,424	156	—	0	0	0
15 ppm sulfur and under	4,176	—	—	4,176	156	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	248	—	—	248	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	1	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	1	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	25	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	25	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	—	—	—	—	—
Special Naphthas	—	—	—	—	15	—	—	0	0
Lubricants	389	—	153	236	161	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	130	—	—	130	106	—	0	0	0
Miscellaneous Products	—	—	—	—	6	—	—	0	0
Total	26,006	10	2,413	23,583	723	530	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, November 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	54	0	-	314	82	-
Petroleum Products	20	0	0	1,290	3,602	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	20	0	-	0	1,031	-
Motor Gasoline Blending Components	0	0	-	570	289	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	570	289	-
CBOB	0	0	-	570	82	-
GTAB	-	-	-	-	-	-
Other	0	0	-	-	207	-
Biofuels (including Fuel Ethanol)	0	0	0	196	500	0
Fuel Ethanol	0	0	-	196	481	-
Biodiesel	0	0	-	-	19	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	54	157	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	54	157	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	54	157	-
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	0	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	0	450	16	0
15 ppm sulfur and under	0	0	0	450	16	0
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	1,179	-
Less than 0.31 percent sulfur	0	0	-	-	236	-
0.31 to 1.00 percent sulfur	0	0	-	-	234	-
Greater than 1.00 percent sulfur	0	0	-	-	709	-
Petrochemical Feedstocks	0	0	-	-	155	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	135	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	20	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	-	20	29	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	246	-
Miscellaneous Products	0	0	-	-	0	-
Total	74	0	0	1,604	3,684	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, November 2022
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,900	—	1,900	—	0	—	0	0	0
Petroleum Products	21,026	146	202	20,678	890	565	0	0	0
Natural Gas Liquids	46	—	—	46	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	46	—	—	46	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	0	—	—	—	48	—	0	0	0
Motor Gasoline Blending Components	11,748	—	—	11,748	0	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	11,748	—	—	11,748	0	—	0	0	0
CBOB	11,748	—	—	11,748	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	0	—	—	0	0
Biofuels (including Fuel Ethanol)	15	—	—	15	0	494	0	0	0
Fuel Ethanol	15	—	—	15	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	494	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	381	—	—	381	73	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	381	—	—	381	73	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	381	—	—	381	73	—	0	0	0
Finished Aviation Gasoline	46	—	—	46	47	—	0	0	0
Kerosene-Type Jet Fuel	3,688	—	—	3,688	35	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,551	146	—	4,405	187	71	0	0	0
15 ppm sulfur and under	4,475	101	—	4,374	187	71	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	76	45	—	31	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	26	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	26	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	33	—	—	0	0
Lubricants	316	—	202	114	198	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	235	—	—	235	237	—	0	0	0
Miscellaneous Products	—	—	—	—	6	—	—	0	0
Total	22,926	146	2,102	20,678	890	565	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, December 2022
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	310	0	-	223	79	-
Petroleum Products	63	31	0	1,457	3,471	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	63	0	-	0	1,079	-
Motor Gasoline Blending Components	0	0	-	764	129	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	764	129	-
CBOB	0	0	-	764	82	-
GTAB	-	-	-	-	-	-
Other	0	0	-	0	47	-
Biofuels (including Fuel Ethanol)	0	0	0	195	589	0
Fuel Ethanol	0	0	-	195	569	-
Biodiesel	0	0	-	-	20	-
Renewable Diesel Fuel	-	0	0	-	0	0
Other Biofuels ¹	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	51	117	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	51	117	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	51	117	-
Finished Aviation Gasoline	-	0	-	0	0	-
Kerosene-Type Jet Fuel	-	0	-	0	0	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	0	0	-	447	52	-
15 ppm sulfur and under	0	0	-	447	52	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	0	-	0	0	-
Residual Fuel Oil	0	0	-	-	1,185	-
Less than 0.31 percent sulfur	0	0	-	-	130	-
0.31 to 1.00 percent sulfur	0	0	-	-	167	-
Greater than 1.00 percent sulfur	0	0	-	-	888	-
Petrochemical Feedstocks	0	31	-	0	134	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	92	-
Other Oils for Petrochemical Feedstock Use	0	31	-	0	42	-
Special Naphthas	-	-	-	-	-	-
Lubricants	0	0	-	0	0	-
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	0	186	-
Miscellaneous Products	0	0	-	-	0	-
Total	373	31	0	1,680	3,550	0

See footnotes at end of table.

Table 38. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, December 2022
(Thousand Barrels) — Continued

Commodity	From 3 to					From 5 to			
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	2,235	—	2,235	—	0	—	0	0	0
Petroleum Products	21,122	—	308	20,814	504	432	0	0	0
Natural Gas Liquids	45	—	—	45	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	45	—	—	45	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	15	—	15	—	20	—	0	0	0
Motor Gasoline Blending Components	10,664	—	—	10,664	0	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	10,664	—	—	10,664	0	—	0	0	0
CBOB	10,642	—	—	10,642	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	22	—	—	22	0	—	0	0	0
Biofuels (including Fuel Ethanol)	0	—	—	—	0	432	0	0	0
Fuel Ethanol	0	—	—	—	0	—	0	0	0
Biodiesel	—	—	—	—	0	—	—	0	0
Renewable Diesel Fuel	—	—	—	—	—	432	—	—	0
Other Biofuels ¹	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	980	—	—	980	0	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	980	—	—	980	0	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	980	—	—	980	0	—	0	0	0
Finished Aviation Gasoline	50	—	—	50	—	—	0	—	0
Kerosene-Type Jet Fuel	4,418	—	—	4,418	—	—	0	—	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	4,265	—	—	4,265	219	—	0	0	0
15 ppm sulfur and under	4,016	—	—	4,016	219	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	249	—	—	249	—	—	0	—	0
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	0	—	—	0	0
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	0	—	—	—	35	—	0	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	35	—	—	0	0
Other Oils for Petrochemical Feedstock Use	0	—	—	—	0	—	0	0	0
Special Naphthas	—	—	—	—	—	—	—	—	—
Lubricants	512	—	293	219	134	—	0	0	0
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	173	—	—	173	81	—	0	0	0
Miscellaneous Products	—	—	—	—	15	—	—	0	0
Total	23,357	—	2,543	20,814	504	432	0	0	0

— = No Data Reported.

¹ Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, January 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,030	0	0	1,817
Propane	12	2	0	0	1,635	282	0	205
Propylene	0	0	-	-	311	603	-	-
Normal Butane	152	1	0	0	333	61	0	734
Isobutane	105	14	0	0	112	75	0	24
Fuel Ethanol	0	0	0	0	9,651	5,106	350	2,738
Biodiesel	3	0	0	0	283	353	11	283
Marketable Petroleum Coke	0	12	0	0	75	1,510	10	75
Asphalt and Road Oil	46	0	0	0	611	181	0	146

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	19	0	0	173	0
Propane	179	87	0	0	0	0	0	408
Propylene	0	0	-	-	0	0	0	-
Normal Butane	69	300	0	138	0	0	0	159
Isobutane	11	207	0	75	0	0	0	39
Fuel Ethanol	0	0	0	268	0	0	0	91
Biodiesel	6	0	0	67	0	0	0	0
Marketable Petroleum Coke	3	26	0	6	0	161	148	3
Asphalt and Road Oil	132	47	0	84	0	30	190	185

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	3
Marketable Petroleum Coke	3	33	52	13
Asphalt and Road Oil	0	0	0	33

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, February 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	575	0	0	1,672
Propane	22	0	0	0	1,291	637	0	219
Propylene	0	0	-	-	214	520	-	-
Normal Butane	80	3	0	0	310	4	0	343
Isobutane	161	3	0	0	122	71	0	42
Fuel Ethanol	0	0	0	0	6,666	6,624	259	3,540
Biodiesel	15	0	0	3	190	301	23	231
Marketable Petroleum Coke	0	3	0	0	522	659	3	36
Asphalt and Road Oil	36	0	0	0	641	181	10	158

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	32	0	0	346	0
Propane	157	45	0	0	0	0	0	313
Propylene	0	0	-	-	0	0	0	-
Normal Butane	29	119	0	94	0	0	0	228
Isobutane	0	245	0	133	0	0	0	87
Fuel Ethanol	0	0	0	297	0	0	0	65
Biodiesel	6	0	0	30	0	0	0	0
Marketable Petroleum Coke	6	13	0	0	0	6	110	35
Asphalt and Road Oil	97	20	0	47	0	47	124	225

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	7	7	39	13
Asphalt and Road Oil	0	0	3	5

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, March 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,498	0	0	2,831
Propane	32	0	0	0	1,496	316	0	216
Propylene	0	0	-	-	367	515	-	-
Normal Butane	192	0	0	0	434	109	0	191
Isobutane	118	0	0	0	174	106	0	78
Fuel Ethanol	0	0	0	0	8,474	4,786	377	3,348
Biodiesel	0	0	0	0	289	359	20	273
Marketable Petroleum Coke	0	18	0	0	370	870	23	16
Asphalt and Road Oil	0	0	0	0	853	164	0	243

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	26	0	0	346	0
Propane	185	28	0	0	0	0	0	212
Propylene	0	0	-	-	0	0	0	-
Normal Butane	7	10	0	14	0	0	0	66
Isobutane	0	80	0	104	0	0	0	18
Fuel Ethanol	0	0	0	437	0	0	0	68
Biodiesel	0	0	0	94	0	0	0	0
Marketable Petroleum Coke	13	13	0	0	0	77	113	42
Asphalt and Road Oil	112	112	7	132	0	163	200	291

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	3	78	29	3
Asphalt and Road Oil	0	0	0	10

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, April 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,242	0	0	3,039
Propane	55	4	0	0	1,096	379	0	241
Propylene	0	0	-	-	403	476	-	-
Normal Butane	186	90	0	0	249	217	0	165
Isobutane	194	24	0	0	134	48	0	17
Fuel Ethanol	0	0	0	0	6,445	5,160	417	4,424
Biodiesel	0	0	0	0	242	250	23	316
Marketable Petroleum Coke	0	6	0	0	198	435	6	45
Asphalt and Road Oil	0	0	0	0	570	342	23	294

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	42	0	0	346	0
Propane	94	17	0	0	0	0	0	71
Propylene	0	0	-	-	0	0	0	-
Normal Butane	15	4	0	7	0	0	0	34
Isobutane	0	123	0	17	0	0	0	14
Fuel Ethanol	0	0	0	356	0	0	0	39
Biodiesel	0	0	0	64	0	0	0	0
Marketable Petroleum Coke	3	19	0	10	0	216	54	6
Asphalt and Road Oil	132	42	0	179	0	86	101	156

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	13	16	36	10
Asphalt and Road Oil	0	0	0	10

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, May 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	802	0	0	1,440
Propane	58	4	0	0	1,002	381	0	239
Propylene	0	0	-	-	321	540	-	-
Normal Butane	72	140	0	0	178	185	0	84
Isobutane	120	0	0	0	141	43	0	39
Fuel Ethanol	0	0	0	0	9,057	4,476	518	3,758
Biodiesel	29	0	0	0	99	329	9	262
Marketable Petroleum Coke	0	15	0	0	537	634	3	39
Asphalt and Road Oil	0	0	0	0	856	383	20	256

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	19	0	0	1,037	0
Propane	121	8	0	0	0	0	0	69
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	6	0	0	0	7
Isobutane	0	241	0	106	0	0	0	10
Fuel Ethanol	0	0	0	269	0	0	0	71
Biodiesel	0	12	0	169	0	0	0	0
Marketable Petroleum Coke	81	32	0	10	0	55	45	42
Asphalt and Road Oil	117	15	2	154	0	77	124	205

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	7	33	26	75
Asphalt and Road Oil	0	0	0	30

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, June 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,086	27	0	4,091
Propane	58	4	0	0	904	487	0	212
Propylene	0	0	-	-	323	498	-	-
Normal Butane	177	25	0	0	242	139	0	201
Isobutane	149	13	0	0	160	65	0	62
Fuel Ethanol	0	0	0	0	9,139	4,223	437	3,758
Biodiesel	0	0	0	0	97	221	32	255
Marketable Petroleum Coke	0	20	0	0	104	678	13	26
Asphalt and Road Oil	0	0	0	0	830	363	8	181

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	13	0	0	691	0
Propane	65	11	0	0	0	0	0	107
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	7	0	0	0	2
Isobutane	0	137	0	34	0	0	0	3
Fuel Ethanol	0	0	0	336	0	0	0	65
Biodiesel	0	39	0	67	0	0	0	0
Marketable Petroleum Coke	6	32	0	3	0	6	13	0
Asphalt and Road Oil	159	87	0	89	5	259	59	136

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	0	13	82	104
Asphalt and Road Oil	0	0	0	15

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, July 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	722	0	0	2,021
Propane	62	7	0	0	747	476	0	292
Propylene	0	0	-	-	434	582	-	-
Normal Butane	213	42	0	0	255	231	0	256
Isobutane	126	24	0	0	60	67	0	54
Fuel Ethanol	0	0	0	0	7,084	4,086	386	4,439
Biodiesel	16	0	0	0	97	210	16	280
Marketable Petroleum Coke	0	9	0	0	218	1,217	13	16
Asphalt and Road Oil	38	0	0	0	824	371	5	198

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	36	0	0	343	0
Propane	55	49	0	0	0	0	0	79
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	5	0	0	0	3
Isobutane	0	140	0	67	0	0	0	6
Fuel Ethanol	0	0	0	259	0	0	0	66
Biodiesel	0	31	0	55	0	0	0	0
Marketable Petroleum Coke	54	19	0	6	0	151	40	99
Asphalt and Road Oil	188	35	5	173	0	172	170	147

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	19
Marketable Petroleum Coke	0	29	35	141
Asphalt and Road Oil	0	0	0	23

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, August 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	994	13	0	2,363
Propane	79	11	0	0	863	401	0	227
Propylene	0	0	-	-	305	594	-	-
Normal Butane	206	53	0	0	187	129	0	193
Isobutane	196	34	0	0	77	68	0	55
Fuel Ethanol	0	0	0	0	8,713	4,766	440	4,503
Biodiesel	0	0	0	0	84	160	21	290
Marketable Petroleum Coke	0	12	0	0	505	983	16	29
Asphalt and Road Oil	0	0	0	0	932	270	3	106

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	859	0
Propane	43	29	0	0	0	0	0	81
Propylene	0	0	-	-	0	0	0	-
Normal Butane	0	0	0	5	0	0	0	20
Isobutane	0	158	0	29	0	0	0	11
Fuel Ethanol	0	0	0	590	0	0	0	52
Biodiesel	0	34	0	59	0	0	0	0
Marketable Petroleum Coke	6	29	0	6	0	169	83	123
Asphalt and Road Oil	110	85	3	115	0	154	121	205

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	3
Marketable Petroleum Coke	0	19	61	45
Asphalt and Road Oil	0	0	0	8

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, September 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,613	216	0	2,808
Propane	39	11	0	0	948	312	0	209
Propylene	0	0	-	-	282	501	-	-
Normal Butane	74	33	0	0	482	97	0	127
Isobutane	153	33	0	0	87	31	0	48
Fuel Ethanol	0	0	0	0	9,264	4,256	423	3,232
Biodiesel	0	0	0	0	148	140	42	327
Marketable Petroleum Coke	0	3	0	0	369	535	3	10
Asphalt and Road Oil	0	13	0	0	754	144	3	162

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,032	0
Propane	90	28	0	0	0	0	0	83
Propylene	0	0	-	-	0	0	0	-
Normal Butane	3	7	0	20	0	0	0	40
Isobutane	0	91	0	67	0	0	0	2
Fuel Ethanol	0	0	0	160	0	0	0	46
Biodiesel	0	0	0	59	0	0	0	0
Marketable Petroleum Coke	0	10	0	10	0	6	37	37
Asphalt and Road Oil	103	75	3	133	0	195	248	170

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	0	42	74	10
Asphalt and Road Oil	0	0	0	8

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, October 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	867	106	0	2,164
Propane	83	14	0	0	1,092	210	0	339
Propylene	0	0	-	-	307	367	-	-
Normal Butane	145	0	0	0	288	21	0	470
Isobutane	180	41	0	0	80	30	0	45
Fuel Ethanol	0	0	0	0	8,666	4,965	440	3,594
Biodiesel	0	0	0	0	141	234	29	397
Marketable Petroleum Coke	0	12	0	0	218	310	13	16
Asphalt and Road Oil	43	0	0	0	955	144	5	188

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,374	0
Propane	301	131	0	0	0	0	0	121
Propylene	0	0	-	-	0	0	0	-
Normal Butane	38	136	0	26	0	0	0	237
Isobutane	1	223	0	99	0	0	0	32
Fuel Ethanol	0	0	0	639	0	0	0	43
Biodiesel	0	0	0	95	0	0	0	0
Marketable Petroleum Coke	105	58	0	6	0	177	111	110
Asphalt and Road Oil	150	55	5	105	0	109	129	314

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	0	19	51	6
Asphalt and Road Oil	0	0	0	13

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, November 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	890	53	0	3,564
Propane	52	4	0	0	1,281	309	0	273
Propylene	0	0	-	-	157	329	-	-
Normal Butane	153	0	0	0	358	64	0	718
Isobutane	140	20	0	0	77	45	0	32
Fuel Ethanol	0	0	0	0	8,853	4,906	453	4,010
Biodiesel	0	0	0	0	120	281	31	400
Marketable Petroleum Coke	0	12	0	0	274	730	33	10
Asphalt and Road Oil	63	0	0	0	778	206	0	108

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,383	0
Propane	266	116	0	0	0	0	0	192
Propylene	0	0	-	-	0	0	0	-
Normal Butane	31	303	0	93	0	0	0	307
Isobutane	1	235	0	48	0	0	0	75
Fuel Ethanol	0	0	0	508	0	0	0	92
Biodiesel	0	0	0	74	0	0	0	0
Marketable Petroleum Coke	16	10	0	10	0	0	3	6
Asphalt and Road Oil	115	80	0	93	0	78	124	207

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	0	71	55	3
Asphalt and Road Oil	0	0	0	13

- = No Data Reported.

Table 39. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, December 2022
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	0	0	1,156	0	0	2,234
Propane	42	9	0	0	1,246	313	0	410
Propylene	0	0	-	-	267	532	-	-
Normal Butane	197	0	0	0	316	59	0	673
Isobutane	135	24	0	0	109	34	0	62
Fuel Ethanol	0	0	0	0	9,173	4,131	440	2,979
Biodiesel	0	0	0	0	256	274	34	452
Marketable Petroleum Coke	0	24	0	0	486	754	20	3
Asphalt and Road Oil	40	0	0	0	649	268	5	134

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	0	0	0	0	1,017	0
Propane	257	64	0	0	0	0	0	286
Propylene	0	0	-	-	0	0	0	-
Normal Butane	75	372	0	154	0	0	0	408
Isobutane	0	240	0	38	0	0	0	75
Fuel Ethanol	0	0	0	494	0	0	0	121
Biodiesel	0	0	0	80	0	0	0	0
Marketable Petroleum Coke	50	16	0	13	0	168	40	64
Asphalt and Road Oil	100	45	0	75	0	86	111	306

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	0
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	3
Marketable Petroleum Coke	0	71	26	32
Asphalt and Road Oil	0	0	0	41

- = No Data Reported.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, January 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	120	155	0	275
3	36	0	0	36
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	167	209	1,030	1,406
3	55,962	268	0	56,230
4	6,864	-	0	6,864
5	-	-	1,817	1,817
From 3 to				
1	135	1,539	0	1,674
2	12,832	0	0	12,832
4	0	-	0	0
5	-	-	19	19
From 4 to				
1	0	0	0	0
2	25,799	0	0	25,799
3	249	0	173	422
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, February 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	167	105	0	272
3	21	0	0	21
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	131	344	575	1,050
3	47,547	85	0	47,632
4	6,020	-	0	6,020
5	-	-	1,672	1,672
From 3 to				
1	120	1,225	0	1,345
2	11,660	0	0	11,660
4	0	-	0	0
5	-	-	32	32
From 4 to				
1	0	0	0	0
2	22,350	0	0	22,350
3	241	0	346	587
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, March 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	201	132	0	333
3	25	0	0	25
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	135	291	1,498	1,924
3	55,898	68	0	55,966
4	6,922	-	0	6,922
5	-	-	2,831	2,831
From 3 to				
1	124	2,501	0	2,625
2	19,766	0	0	19,766
4	0	-	0	0
5	-	-	26	26
From 4 to				
1	0	0	0	0
2	25,089	0	0	25,089
3	247	0	346	593
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, April 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	209	208	0	417
3	25	589	0	614
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	163	345	1,242	1,750
3	48,151	40	0	48,191
4	5,321	-	0	5,321
5	-	-	3,039	3,039
From 3 to				
1	120	2,430	0	2,550
2	16,040	0	0	16,040
4	0	-	0	0
5	-	-	42	42
From 4 to				
1	0	0	0	0
2	25,233	0	0	25,233
3	260	0	346	606
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, May 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	245	129	0	374
3	25	895	0	920
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	187	271	802	1,260
3	53,050	40	0	53,090
4	6,819	-	0	6,819
5	-	-	1,440	1,440
From 3 to				
1	120	2,300	0	2,420
2	20,458	0	0	20,458
4	0	-	0	0
5	-	-	19	19
From 4 to				
1	0	0	0	0
2	25,079	0	0	25,079
3	239	0	1,037	1,276
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, June 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	223	126	0	349
3	20	0	0	20
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	170	214	1,086	1,470
3	46,790	0	27	46,817
4	6,357	-	0	6,357
5	-	-	4,091	4,091
From 3 to				
1	113	1,773	0	1,886
2	22,612	0	0	22,612
4	0	-	0	0
5	-	-	13	13
From 4 to				
1	0	0	0	0
2	25,811	0	0	25,811
3	259	0	691	950
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, July 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	219	150	0	369
3	25	0	0	25
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	120	362	722	1,204
3	48,451	0	0	48,451
4	6,465	-	0	6,465
5	-	-	2,021	2,021
From 3 to				
1	115	1,552	0	1,667
2	22,997	0	0	22,997
4	0	-	0	0
5	-	-	36	36
From 4 to				
1	0	0	0	0
2	25,977	0	0	25,977
3	263	0	343	606
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, August 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	185	178	0	363
3	23	0	0	23
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	178	358	994	1,530
3	53,747	0	13	53,760
4	6,195	-	0	6,195
5	-	-	2,363	2,363
From 3 to				
1	120	1,576	0	1,696
2	23,144	0	0	23,144
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	25,527	0	0	25,527
3	276	0	859	1,135
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, September 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	199	178	0	377
3	15	0	0	15
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	180	413	1,613	2,206
3	50,943	0	216	51,159
4	6,204	-	0	6,204
5	-	-	2,808	2,808
From 3 to				
1	112	1,610	0	1,722
2	18,313	0	0	18,313
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	24,132	0	0	24,132
3	246	0	1,032	1,278
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, October 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	195	157	0	352
3	20	0	0	20
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	189	314	867	1,370
3	52,166	0	106	52,272
4	6,408	-	0	6,408
5	-	-	2,164	2,164
From 3 to				
1	117	2,218	0	2,335
2	19,620	0	0	19,620
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	26,438	0	0	26,438
3	262	0	1,374	1,636
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, November 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	215	54	0	269
3	21	0	0	21
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	235	314	890	1,439
3	55,586	82	53	55,721
4	5,765	-	0	5,765
5	-	-	3,564	3,564
From 3 to				
1	115	1,900	0	2,015
2	17,675	0	0	17,675
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	24,019	0	0	24,019
3	227	0	1,383	1,610
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 40. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, December 2022
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	234	310	0	544
3	20	0	0	20
4	0	-	0	0
5	-	-	0	0
From 2 to				
1	200	223	1,156	1,579
3	53,647	79	0	53,726
4	5,278	-	0	5,278
5	-	-	2,234	2,234
From 3 to				
1	111	2,235	0	2,346
2	22,298	0	0	22,298
4	0	-	0	0
5	-	-	0	0
From 4 to				
1	0	0	0	0
2	24,060	0	0	24,060
3	200	0	1,017	1,217
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, January 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	3,080	311	2,769	38,906	66,317	-27,411	56,688	14,525	42,162
Petroleum Products	127,857	14,715	113,142	52,404	83,874	-31,470	50,603	129,391	-78,788
Natural Gas Liquids	9,768	6,582	3,186	35,758	48,252	-12,494	36,031	13,764	22,267
Ethane	0	4,811	-4,811	11,712	17,827	-6,115	17,323	1,370	15,953
Propane	8,021	885	7,136	9,596	18,611	-9,016	10,956	4,674	6,281
Normal Butane	1,624	265	1,359	3,690	6,332	-2,642	3,017	878	2,139
Isobutane	123	386	-263	2,685	1,857	828	1,655	1,305	351
Natural Gasoline	0	235	-235	8,076	3,625	4,451	3,080	5,537	-2,457
Refinery Olefins	311	0	311	0	914	-914	603	0	603
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	311	0	311	0	914	-914	603	0	603
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	21	-21	181	1,188	-1,007	1,188	160	1,028
Motor Gasoline Blending Components	58,715	5,277	53,438	8,383	5,052	3,331	2,030	63,636	-61,606
Reformulated - RBOB	6,648	0	6,648	625	370	255	370	8,962	-8,592
Conventional	52,067	5,277	46,790	7,758	4,682	3,076	1,660	54,674	-53,014
CBOB	51,338	5,277	46,061	7,708	4,294	3,414	1,272	53,895	-52,623
GTAB	0	0	-	-	-	-	-	-	-
Other	729	0	729	50	388	-338	388	779	-391
Biofuels (including Fuel Ethanol)	10,549	3	10,546	3	19,762	-19,759	6,058	560	5,497
Fuel Ethanol	10,261	0	10,261	0	18,833	-18,833	5,705	488	5,217
Biodiesel	289	3	286	3	929	-926	353	73	281
Renewable Diesel Fuel	0	0	-	0	0	-	0	0	-
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	3,943	43	3,900	881	1,350	-469	377	3,427	-3,050
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	0	0	-
Conventional	3,943	43	3,900	881	1,350	-469	377	3,427	-3,050
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	3,943	43	3,900	881	1,350	-469	377	3,427	-3,050
Finished Aviation Gasoline	31	0	31	42	0	42	0	73	-73
Kerosene-Type Jet Fuel	12,462	268	12,194	1,685	873	812	0	14,013	-14,013
Kerosene	81	13	68	13	0	13	0	81	-81
Distillate Fuel Oil	30,419	2,450	27,969	4,775	2,675	2,100	1,060	32,322	-31,262
15 ppm sulfur and under	29,396	2,450	26,946	4,640	2,675	1,965	1,060	31,164	-30,104
Greater than 15 ppm to 500 ppm sulfur	0	0	-	135	0	135	0	135	-135
Greater than 500 ppm sulfur	1,023	0	1,023	0	0	-	0	1,023	-1,023
Residual Fuel Oil	92	0	92	0	1,028	-1,028	1,028	92	936
Petrochemical Feedstocks	0	0	-	0	64	-64	64	0	64
Naphtha for Petrochemical Feedstock Use	0	0	-	0	42	-42	42	0	42
Other Oils for Petrochemical Feedstock Use	-	-	-	0	22	-22	22	0	22
Special Naphthas	0	0	-	43	0	43	0	43	-43
Lubricants	541	0	541	254	59	195	20	756	-736
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	81	12	69	220	1,669	-1,449	1,722	35	1,686
Asphalt and Road Oil	863	46	817	157	989	-831	423	418	4
Miscellaneous Products	0	0	-	9	0	9	0	9	-9
Total	130,936	15,026	115,910	91,310	150,191	-58,881	107,291	143,916	-36,626

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, January 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,864	26,221	-19,357	1,837	0	1,837
Petroleum Products	12,549	27,316	-14,767	12,020	137	11,884
Natural Gas Liquids	8,793	23,533	-14,740	1,781	0	1,781
Ethane	2,473	7,500	-5,027	0	0	-
Propane	3,322	8,337	-5,015	613	0	613
Normal Butane	1,382	3,268	-1,886	1,031	0	1,031
Isobutane	495	1,549	-1,054	138	0	138
Natural Gasoline	1,121	2,880	-1,759	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	1,890	1,544	346	4,491	0	4,491
Reformulated - RBOB	-	-	-	1,689	0	1,689
Conventional	1,890	1,544	346	2,802	0	2,802
CBOB	1,890	1,544	346	2,802	0	2,802
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	364	91	274	3,445	3	3,442
Fuel Ethanol	350	91	259	3,096	0	3,096
Biodiesel	14	0	14	349	3	346
Renewable Diesel Fuel	0	0	-	0	0	-
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	99	563	-464	83	0	83
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	99	563	-464	83	0	83
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	99	563	-464	83	0	83
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	775	29	746	261	0	261
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	572	838	-266	1,459	0	1,459
15 ppm sulfur and under	572	838	-266	1,459	0	1,459
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	-	-	-	0	0	-
Marketable Petroleum Coke	23	313	-290	84	101	-17
Asphalt and Road Oil	33	405	-372	415	33	383
Miscellaneous Products	0	0	-	0	0	-
Total	19,413	53,537	-34,124	13,857	137	13,720

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-812, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, February 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,395	293	2,102	34,282	56,374	-22,092	48,240	13,037	35,202
Petroleum Products	114,799	14,059	100,740	49,387	76,697	-27,310	47,395	118,528	-71,133
Natural Gas Liquids	8,507	6,201	2,306	34,122	42,924	-8,803	32,676	13,412	19,264
Ethane	0	4,468	-4,468	10,908	15,374	-4,466	15,160	1,259	13,901
Propane	6,980	888	6,092	9,314	17,034	-7,720	10,275	4,521	5,754
Normal Butane	1,405	194	1,211	3,234	5,657	-2,422	3,019	605	2,414
Isobutane	122	428	-306	2,734	1,717	1,017	1,518	1,428	90
Natural Gasoline	0	223	-223	7,931	3,143	4,788	2,704	5,599	-2,895
Refinery Olefins	214	0	214	0	735	-735	520	0	520
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	214	0	214	0	735	-735	520	0	520
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	50	21	29	149	929	-780	929	178	751
Motor Gasoline Blending Components	51,824	5,085	46,739	8,196	4,779	3,417	2,208	56,784	-54,576
Reformulated - RBOB	6,440	0	6,440	375	206	169	206	8,408	-8,202
Conventional	45,384	5,085	40,299	7,821	4,573	3,248	2,002	48,376	-46,374
CBOB	44,729	5,085	39,644	7,695	4,413	3,282	1,842	47,595	-45,753
GTAB	0	0	-	-	-	-	-	-	-
Other	655	0	655	126	160	-34	160	781	-621
Biofuels (including Fuel Ethanol)	7,194	18	7,176	15	18,726	-18,711	7,486	589	6,897
Fuel Ethanol	6,998	0	6,998	0	17,982	-17,982	7,185	297	6,888
Biodiesel	196	18	178	15	744	-729	301	36	264
Renewable Diesel Fuel	0	0	-	0	0	-	0	255	-255
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	3,445	43	3,402	668	1,244	-576	125	2,637	-2,512
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	0	0	-
Conventional	3,445	43	3,402	668	1,244	-576	125	2,637	-2,512
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	3,445	43	3,402	668	1,244	-576	125	2,637	-2,512
Finished Aviation Gasoline	125	0	125	12	0	12	0	137	-137
Kerosene-Type Jet Fuel	12,487	268	12,219	1,724	644	1,080	30	13,950	-13,920
Kerosene	81	13	68	13	0	13	0	81	-81
Distillate Fuel Oil	28,852	2,371	26,481	3,984	3,600	384	1,449	29,505	-28,056
15 ppm sulfur and under	27,812	2,371	25,441	3,930	3,600	330	1,449	28,411	-26,962
Greater than 15 ppm to 500 ppm sulfur	0	0	-	54	0	54	0	54	-54
Greater than 500 ppm sulfur	1,040	0	1,040	0	0	-	0	1,040	-1,040
Residual Fuel Oil	80	0	80	0	550	-550	550	80	470
Petrochemical Feedstocks	0	0	-	10	84	-74	84	10	74
Naphtha for Petrochemical Feedstock Use	0	0	-	0	84	-84	84	0	84
Other Oils for Petrochemical Feedstock Use	0	0	-	10	0	10	0	10	-10
Special Naphthas	0	0	-	30	0	30	0	30	-30
Lubricants	447	0	447	202	0	202	0	649	-649
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	535	3	532	26	1,220	-1,194	810	19	791
Asphalt and Road Oil	957	36	921	226	1,262	-1,037	528	456	72
Miscellaneous Products	0	0	-	11	0	11	0	11	-11
Total	117,194	14,352	102,842	83,669	133,071	-49,402	95,635	131,565	-35,930

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, February 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,020	22,937	-16,917	1,705	0	1,705
Petroleum Products	11,341	25,529	-14,188	11,963	73	11,890
Natural Gas Liquids	8,078	22,304	-14,226	1,459	0	1,459
Ethane	2,162	7,129	-4,967	0	0	-
Propane	3,150	7,808	-4,658	532	0	532
Normal Butane	1,289	3,157	-1,868	666	0	666
Isobutane	461	1,524	-1,063	261	0	261
Natural Gasoline	1,016	2,686	-1,670	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	1,486	1,387	99	4,321	0	4,321
Reformulated - RBOB	-	-	-	1,593	0	1,593
Conventional	1,486	1,387	99	2,728	0	2,728
CBOB	1,486	1,387	99	2,728	0	2,728
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	282	65	217	4,421	0	4,421
Fuel Ethanol	259	65	194	3,902	0	3,902
Biodiesel	23	0	23	264	0	264
Renewable Diesel Fuel	0	0	-	255	0	255
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	84	466	-382	68	0	68
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	84	466	-382	68	0	68
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	84	466	-382	68	0	68
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	528	32	496	125	0	125
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	852	728	124	1,067	0	1,067
15 ppm sulfur and under	852	728	124	1,067	0	1,067
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	-	-	-
Naphtha for Petrochemical Feedstock Use	-	-	-	-	-	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	16	152	-135	71	65	6
Asphalt and Road Oil	15	395	-380	430	8	423
Miscellaneous Products	0	0	-	0	0	-
Total	17,361	48,466	-31,104	13,667	73	13,595

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-812, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, March 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	4,549	358	4,191	45,188	67,643	-22,455	56,584	22,417	34,167
Petroleum Products	124,998	16,731	108,267	55,512	89,140	-33,628	53,395	124,703	-71,308
Natural Gas Liquids	9,226	6,777	2,448	38,200	54,009	-15,809	40,287	11,713	28,573
Ethane	0	4,937	-4,937	13,662	20,412	-6,750	19,194	1,390	17,804
Propane	7,271	912	6,358	10,020	20,413	-10,393	11,989	3,213	8,776
Normal Butane	1,781	305	1,476	3,688	7,447	-3,759	4,352	424	3,928
Isobutane	174	388	-214	2,717	2,159	558	1,791	1,249	542
Natural Gasoline	0	235	-235	8,113	3,578	4,535	2,961	5,438	-2,477
Refinery Olefins	367	0	367	0	882	-882	515	0	515
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	367	0	367	0	882	-882	515	0	515
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	60	0	60	729	1,639	-910	1,639	789	850
Motor Gasoline Blending Components	58,975	6,327	52,648	8,804	5,256	3,548	1,834	63,272	-61,438
Reformulated - RBOB	7,394	0	7,394	365	113	252	113	9,658	-9,545
Conventional	51,581	6,327	45,254	8,439	5,143	3,296	1,721	53,614	-51,893
CBOB	50,178	6,327	43,851	8,297	4,994	3,303	1,572	52,069	-50,497
GTAB	0	0	-	-	-	-	-	-	-
Other	1,403	0	1,403	142	149	-7	149	1,545	-1,396
Biofuels (including Fuel Ethanol)	9,124	0	9,124	0	18,794	-18,794	5,678	1,022	4,656
Fuel Ethanol	8,835	0	8,835	0	17,852	-17,852	5,319	463	4,856
Biodiesel	289	0	289	0	942	-942	359	94	265
Renewable Diesel Fuel	-	-	-	0	0	-	0	465	-465
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	3,544	79	3,465	646	1,028	-382	0	2,810	-2,810
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	0	0	-
Conventional	3,544	79	3,465	646	1,028	-382	0	2,810	-2,810
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	3,544	79	3,465	646	1,028	-382	0	2,810	-2,810
Finished Aviation Gasoline	37	0	37	0	0	-	0	37	-37
Kerosene-Type Jet Fuel	13,277	363	12,914	1,608	779	829	0	14,585	-14,585
Kerosene	36	0	36	0	0	-	0	36	-36
Distillate Fuel Oil	28,145	3,167	24,978	4,708	3,021	1,687	800	28,860	-28,060
15 ppm sulfur and under	27,307	3,167	24,140	4,622	3,021	1,601	800	27,936	-27,136
Greater than 15 ppm to 500 ppm sulfur	1	0	1	86	0	86	0	87	-87
Greater than 500 ppm sulfur	837	0	837	0	0	-	0	837	-837
Residual Fuel Oil	0	0	-	0	860	-860	860	0	860
Petrochemical Feedstocks	0	0	-	25	67	-42	67	25	42
Naphtha for Petrochemical Feedstock Use	0	0	-	0	22	-22	22	0	22
Other Oils for Petrochemical Feedstock Use	-	-	-	25	45	-20	45	25	20
Special Naphthas	0	0	-	29	0	29	0	29	-29
Lubricants	540	0	540	198	71	127	127	698	-571
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	386	18	369	169	1,279	-1,110	1,029	26	1,004
Asphalt and Road Oil	1,281	0	1,281	387	1,456	-1,069	560	791	-231
Miscellaneous Products	0	0	-	10	0	10	0	10	-10
Total	129,548	17,089	112,459	100,700	156,783	-56,083	109,979	147,120	-37,141

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, March 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,922	25,682	-18,760	2,857	0	2,857
Petroleum Products	14,062	29,769	-15,707	12,596	220	12,376
Natural Gas Liquids	10,153	26,264	-16,111	899	0	899
Ethane	3,206	9,323	-6,117	0	0	-
Propane	3,702	8,871	-5,169	428	0	428
Normal Butane	1,503	3,420	-1,917	272	0	272
Isobutane	541	1,626	-1,085	199	0	199
Natural Gasoline	1,201	3,024	-1,823	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	1,916	1,285	631	4,611	0	4,611
Reformulated - RBOB	-	-	-	1,899	0	1,899
Conventional	1,916	1,285	631	2,712	0	2,712
CBOB	1,916	1,285	631	2,712	0	2,712
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	397	68	329	4,685	0	4,685
Fuel Ethanol	377	68	309	3,853	0	3,853
Biodiesel	20	0	20	367	0	367
Renewable Diesel Fuel	0	0	-	465	0	465
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	109	478	-369	96	0	96
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	109	478	-369	96	0	96
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	109	478	-369	96	0	96
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	708	40	668	174	0	174
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	735	747	-12	1,407	0	1,407
15 ppm sulfur and under	735	747	-12	1,407	0	1,407
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	96	-96
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	26	232	-206	58	114	-56
Asphalt and Road Oil	18	655	-637	666	10	656
Miscellaneous Products	0	0	-	0	0	-
Total	20,984	55,451	-34,467	15,452	220	15,232

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, April 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	4,300	1,031	3,269	41,690	58,301	-16,611	49,411	18,632	30,779
Petroleum Products	115,007	15,972	99,036	53,580	84,619	-31,039	51,905	118,938	-67,033
Natural Gas Liquids	8,996	7,789	1,207	36,771	52,077	-15,306	40,120	11,335	28,784
Ethane	0	5,679	-5,679	13,313	20,099	-6,786	19,361	1,184	18,177
Propane	6,961	965	5,997	8,978	19,539	-10,561	11,722	2,606	9,116
Normal Butane	1,901	394	1,507	3,337	7,132	-3,795	4,280	376	3,904
Isobutane	134	499	-366	2,695	1,971	725	1,806	1,163	642
Natural Gasoline	0	252	-252	8,447	3,336	5,111	2,951	6,006	-3,055
Refinery Olefins	403	0	403	0	878	-878	476	0	476
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	403	0	403	0	878	-878	476	0	476
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	31	37	-6	829	748	81	748	823	-75
Motor Gasoline Blending Components	55,044	5,211	49,833	8,762	4,831	3,931	1,697	60,549	-58,852
Reformulated - RBOB	7,682	0	7,682	1,252	0	1,252	0	10,847	-10,847
Conventional	47,362	5,211	42,151	7,510	4,831	2,679	1,697	49,702	-48,005
CBOB	46,579	5,211	41,368	7,008	4,806	2,202	1,672	48,417	-46,745
GTAB	0	0	-	-	-	-	-	-	-
Other	783	0	783	502	25	477	25	1,285	-1,260
Biofuels (including Fuel Ethanol)	7,104	0	7,104	0	18,118	-18,118	5,971	1,028	4,943
Fuel Ethanol	6,862	0	6,862	0	17,288	-17,288	5,721	493	5,228
Biodiesel	242	0	242	0	831	-831	250	64	186
Renewable Diesel Fuel	-	-	-	0	0	-	0	471	-471
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	2,190	64	2,126	956	984	-28	0	2,030	-2,030
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	0	0	-	0	0	-
Conventional	2,190	64	2,126	956	984	-28	0	2,030	-2,030
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,190	64	2,126	956	984	-28	0	2,030	-2,030
Finished Aviation Gasoline	116	0	116	25	0	25	0	141	-141
Kerosene-Type Jet Fuel	13,100	321	12,779	1,581	864	717	30	14,565	-14,535
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	26,205	2,544	23,661	3,949	3,243	706	849	26,869	-26,020
15 ppm sulfur and under	25,457	2,544	22,913	3,740	3,243	497	849	25,912	-25,063
Greater than 15 ppm to 500 ppm sulfur	65	0	65	209	0	209	0	274	-274
Greater than 500 ppm sulfur	683	0	683	0	0	-	0	683	-683
Residual Fuel Oil	0	0	-	0	664	-664	664	0	664
Petrochemical Feedstocks	0	0	-	0	97	-97	97	0	97
Naphtha for Petrochemical Feedstock Use	0	0	-	0	97	-97	97	0	97
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	21	0	21	0	21	-21
Lubricants	706	0	706	222	39	183	118	911	-793
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	214	6	208	252	685	-433	531	32	498
Asphalt and Road Oil	898	0	898	208	1,390	-1,182	605	629	-24
Miscellaneous Products	0	0	-	5	0	5	0	5	-5
Total	119,308	17,003	102,305	95,270	142,919	-47,649	101,316	137,570	-36,255

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, April 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	5,321	25,839	-20,518	3,081	0	3,081
Petroleum Products	12,393	26,337	-13,944	13,161	181	12,980
Natural Gas Liquids	8,472	23,723	-15,251	566	0	566
Ethane	2,740	8,452	-5,712	0	0	-
Propane	3,034	7,897	-4,863	312	0	312
Normal Butane	1,264	3,086	-1,822	205	0	205
Isobutane	460	1,510	-1,050	49	0	49
Natural Gasoline	974	2,778	-1,804	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	1,826	1,181	645	4,443	0	4,443
Reformulated - RBOB	-	-	-	1,913	0	1,913
Conventional	1,826	1,181	645	2,530	0	2,530
CBOB	1,826	1,181	645	2,530	0	2,530
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	440	39	401	5,670	0	5,670
Fuel Ethanol	417	39	378	4,819	0	4,819
Biodiesel	23	0	23	380	0	380
Renewable Diesel Fuel	0	0	-	471	0	471
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	108	284	-176	108	0	108
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	108	284	-176	108	0	108
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	108	284	-176	108	0	108
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	748	80	668	371	0	371
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	750	410	340	1,313	0	1,313
15 ppm sulfur and under	750	410	340	1,313	0	1,313
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	96	-96
Waxes	-	-	-	0	0	-
Marketable Petroleum Coke	16	277	-260	62	75	-13
Asphalt and Road Oil	33	343	-310	628	10	618
Miscellaneous Products	0	0	-	0	0	-
Total	17,714	52,175	-34,461	16,241	181	16,060

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-812, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	3,680	1,294	2,386	45,911	62,609	-16,698	55,286	22,897	32,388
Petroleum Products	125,164	16,959	108,205	59,822	88,011	-28,189	51,304	129,855	-78,551
Natural Gas Liquids	9,047	7,095	1,953	39,997	53,132	-13,134	39,428	13,233	26,194
Ethane	0	4,941	-4,941	13,104	20,268	-7,164	19,170	1,242	17,928
Propane	6,922	1,078	5,844	9,753	19,654	-9,902	11,058	2,375	8,683
Normal Butane	1,984	347	1,637	3,606	7,536	-3,930	4,430	371	4,059
Isobutane	141	438	-296	3,076	1,988	1,088	1,679	1,551	128
Natural Gasoline	0	291	-291	10,459	3,686	6,773	3,091	7,694	-4,603
Refinery Olefins	321	0	321	0	861	-861	540	0	540
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	321	0	321	0	861	-861	540	0	540
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	34	86	-52	638	862	-224	862	586	276
Motor Gasoline Blending Components	60,700	6,679	54,021	10,510	4,778	5,732	1,847	66,870	-65,023
Reformulated - RBOB	10,272	0	10,272	1,605	93	1,512	93	13,928	-13,835
Conventional	50,428	6,679	43,749	8,905	4,685	4,220	1,754	52,942	-51,188
CBOB	48,773	6,679	42,094	8,499	4,642	3,857	1,711	50,881	-49,170
GTAB	0	0	-	-	-	-	0	0	-
Other	1,655	0	1,655	406	43	363	43	2,061	-2,018
Biofuels (including Fuel Ethanol)	9,482	29	9,453	41	19,353	-19,312	5,367	920	4,447
Fuel Ethanol	9,383	0	9,383	0	18,654	-18,654	5,038	312	4,727
Biodiesel	99	29	70	41	700	-658	329	182	147
Renewable Diesel Fuel	-	-	-	0	0	-	0	427	-427
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	1,777	83	1,694	861	1,044	-183	99	1,458	-1,359
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	1,777	83	1,694	861	1,044	-183	99	1,458	-1,359
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	1,777	83	1,694	861	1,044	-183	99	1,458	-1,359
Finished Aviation Gasoline	58	0	58	25	52	-27	52	83	-31
Kerosene-Type Jet Fuel	17,424	374	17,050	1,656	848	808	23	18,852	-18,829
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	23,978	2,599	21,379	5,551	3,315	2,236	805	26,368	-25,563
15 ppm sulfur and under	23,036	2,599	20,437	5,251	3,315	1,936	805	25,126	-24,321
Greater than 15 ppm to 500 ppm sulfur	1	0	1	300	0	300	0	301	-301
Greater than 500 ppm sulfur	941	0	941	0	0	-	0	941	-941
Residual Fuel Oil	0	0	-	35	805	-770	805	35	770
Petrochemical Feedstocks	0	0	-	0	48	-48	48	0	48
Naphtha for Petrochemical Feedstock Use	0	0	-	0	48	-48	48	0	48
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	12	0	12	0	12	-12
Lubricants	535	0	535	228	0	228	20	763	-743
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	625	15	610	120	1,214	-1,094	720	123	597
Asphalt and Road Oil	1,183	0	1,183	147	1,699	-1,552	689	552	136
Miscellaneous Products	0	0	-	0	0	-	0	0	-
Total	128,844	18,253	110,591	105,733	150,620	-44,887	106,590	152,752	-46,163

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, May 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,819	26,355	-19,536	1,460	0	1,460
Petroleum Products	14,319	28,066	-13,747	12,473	190	12,282
Natural Gas Liquids	9,989	25,562	-15,573	561	0	561
Ethane	3,108	8,931	-5,823	0	0	-
Propane	3,593	8,526	-4,933	309	0	309
Normal Butane	1,549	3,413	-1,864	97	0	97
Isobutane	551	1,625	-1,074	155	0	155
Natural Gasoline	1,188	3,067	-1,879	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	1,823	1,149	674	4,596	0	4,596
Reformulated - RBOB	-	-	-	2,051	0	2,051
Conventional	1,823	1,149	674	2,545	0	2,545
CBOB	1,823	1,149	674	2,545	0	2,545
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	527	71	456	4,956	0	4,956
Fuel Ethanol	518	71	447	4,097	0	4,097
Biodiesel	9	0	9	432	0	432
Renewable Diesel Fuel	0	0	-	427	0	427
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	107	338	-231	79	0	79
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	107	338	-231	79	0	79
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	107	338	-231	79	0	79
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	758	62	696	275	0	275
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	983	336	647	1,301	0	1,301
15 ppm sulfur and under	983	336	647	1,301	0	1,301
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	0	0	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	20	-20
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	78	142	-64	91	140	-50
Asphalt and Road Oil	53	405	-352	615	30	584
Miscellaneous Products	0	0	-	0	0	-
Total	21,138	54,421	-33,283	13,932	190	13,742

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, June 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	3,356	369	2,987	48,772	58,735	-9,963	47,787	24,511	23,276
Petroleum Products	122,668	17,164	105,504	62,053	88,106	-26,054	52,646	130,582	-77,935
Natural Gas Liquids	7,896	7,106	790	37,956	54,739	-16,783	41,525	11,040	30,485
Ethane	0	5,153	-5,153	12,934	20,926	-7,992	19,887	1,047	18,840
Propane	6,201	947	5,253	9,620	19,311	-9,691	11,258	2,333	8,925
Normal Butane	1,535	318	1,217	3,729	8,005	-4,276	5,085	379	4,706
Isobutane	160	436	-275	2,424	2,261	163	1,759	841	918
Natural Gasoline	0	252	-252	9,250	4,236	5,014	3,536	6,440	-2,904
Refinery Olefins	323	0	323	0	821	-821	498	0	498
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	323	0	323	0	821	-821	498	0	498
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	26	25	1	611	777	-166	777	612	165
Motor Gasoline Blending Components	58,083	6,715	51,368	11,811	4,620	7,191	1,299	65,274	-63,975
Reformulated - RBOB	9,615	0	9,615	2,543	95	2,448	55	14,046	-13,991
Conventional	48,468	6,715	41,753	9,268	4,525	4,743	1,244	51,228	-49,984
CBOB	47,237	6,715	40,522	8,920	4,498	4,422	1,217	49,601	-48,384
GTAB	0	0	-	-	-	-	0	0	-
Other	1,231	0	1,231	348	27	321	27	1,627	-1,600
Biofuels (including Fuel Ethanol)	9,567	0	9,567	39	19,006	-18,967	5,068	1,123	3,945
Fuel Ethanol	9,470	0	9,470	0	18,402	-18,402	4,847	447	4,401
Biodiesel	97	0	97	39	605	-565	221	106	115
Renewable Diesel Fuel	-	-	-	0	0	-	0	570	-570
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	1,813	76	1,737	3,073	623	2,450	8	3,939	-3,931
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	1,813	76	1,737	3,073	623	2,450	8	3,939	-3,931
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	1,813	76	1,737	3,073	623	2,450	8	3,939	-3,931
Finished Aviation Gasoline	103	0	103	23	0	23	0	126	-126
Kerosene-Type Jet Fuel	14,471	287	14,184	2,148	872	1,276	60	16,417	-16,357
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	28,425	2,934	25,491	5,508	3,280	2,228	1,067	30,368	-29,301
15 ppm sulfur and under	27,467	2,934	24,533	5,358	3,280	2,078	1,067	29,260	-28,193
Greater than 15 ppm to 500 ppm sulfur	1	0	1	101	0	101	0	102	-102
Greater than 500 ppm sulfur	957	0	957	49	0	49	0	1,006	-1,006
Residual Fuel Oil	0	0	-	0	984	-984	984	0	984
Petrochemical Feedstocks	0	0	-	0	49	-49	49	0	49
Naphtha for Petrochemical Feedstock Use	0	0	-	0	49	-49	49	0	49
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	25	0	25	35	0	35	0	60	-60
Lubricants	564	0	564	248	9	239	9	812	-803
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	110	20	90	52	821	-769	793	42	751
Asphalt and Road Oil	1,261	0	1,261	540	1,505	-965	510	761	-251
Miscellaneous Products	0	0	-	8	0	8	0	8	-8
Total	126,023	17,533	108,491	110,825	146,841	-36,016	100,434	155,093	-54,659

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, June 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,357	26,761	-20,404	4,104	0	4,104
Petroleum Products	15,137	28,652	-13,515	12,214	214	12,000
Natural Gas Liquids	10,627	25,747	-15,120	628	0	628
Ethane	3,034	8,729	-5,695	0	0	-
Propane	3,909	8,715	-4,806	319	0	319
Normal Butane	1,732	3,589	-1,857	211	0	211
Isobutane	612	1,516	-904	99	0	99
Natural Gasoline	1,340	3,198	-1,858	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	2,223	1,184	1,039	4,377	0	4,377
Reformulated - RBOB	40	0	40	1,888	0	1,888
Conventional	2,183	1,184	999	2,489	0	2,489
CBOB	2,183	1,184	999	2,441	0	2,441
GTAB	-	-	-	-	-	-
Other	0	0	-	48	0	48
Biofuels (including Fuel Ethanol)	469	65	404	5,051	0	5,051
Fuel Ethanol	437	65	373	4,159	0	4,159
Biodiesel	32	0	32	322	0	322
Renewable Diesel Fuel	0	0	-	570	0	570
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	126	486	-360	104	0	104
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	126	486	-360	104	0	104
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	126	486	-360	104	0	104
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	740	27	713	184	0	184
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	812	664	148	1,434	0	1,434
15 ppm sulfur and under	812	664	148	1,434	0	1,434
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	117	19	98	29	199	-170
Asphalt and Road Oil	23	459	-437	407	15	392
Miscellaneous Products	0	0	-	0	0	-
Total	21,494	55,413	-33,919	16,318	214	16,104

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, July 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,871	394	2,477	49,343	58,141	-8,798	49,082	24,700	24,383
Petroleum Products	116,400	17,452	98,948	66,680	89,915	-23,235	55,420	128,669	-73,248
Natural Gas Liquids	8,471	7,055	1,415	39,263	57,192	-17,929	43,284	11,249	32,035
Ethane	2	4,985	-4,983	13,240	21,478	-8,238	20,513	1,059	19,454
Propane	6,470	978	5,492	9,597	20,054	-10,457	11,686	2,038	9,648
Normal Butane	1,939	371	1,567	3,974	8,456	-4,481	5,065	387	4,678
Isobutane	60	417	-357	2,537	2,276	261	1,879	947	933
Natural Gasoline	0	304	-304	9,915	4,929	4,986	4,141	6,819	-2,678
Refinery Olefins	434	0	434	0	1,016	-1,016	582	0	582
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	434	0	434	0	1,016	-1,016	582	0	582
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	50	50	0	720	1,306	-586	1,306	996	310
Motor Gasoline Blending Components	57,153	7,233	49,920	14,311	4,531	9,780	1,278	66,220	-64,942
Reformulated - RBOB	9,871	0	9,871	3,672	0	3,672	0	15,412	-15,412
Conventional	47,282	7,233	40,049	10,639	4,531	6,108	1,278	50,808	-49,530
CBOB	46,655	7,233	39,422	10,325	4,454	5,871	1,201	49,867	-48,666
GTAB	0	0	-	-	-	-	-	-	-
Other	627	0	627	314	77	237	77	941	-864
Biofuels (including Fuel Ethanol)	7,337	16	7,321	47	17,353	-17,306	4,911	701	4,209
Fuel Ethanol	7,240	0	7,240	0	16,750	-16,750	4,700	274	4,426
Biodiesel	97	16	81	47	603	-556	210	86	124
Renewable Diesel Fuel	-	-	-	0	0	-	0	341	-341
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	1,735	73	1,662	3,537	909	2,628	204	4,284	-4,080
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	1,735	73	1,662	3,537	909	2,628	204	4,284	-4,080
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	1,735	73	1,662	3,537	909	2,628	204	4,284	-4,080
Finished Aviation Gasoline	44	0	44	0	0	-	0	44	-44
Kerosene-Type Jet Fuel	15,216	359	14,857	1,545	900	645	62	16,497	-16,435
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	23,774	2,619	21,155	6,396	2,866	3,530	1,073	26,977	-25,904
15 ppm sulfur and under	23,176	2,619	20,557	6,279	2,866	3,413	1,073	26,262	-25,189
Greater than 15 ppm to 500 ppm sulfur	0	0	-	117	0	117	0	117	-117
Greater than 500 ppm sulfur	598	0	598	0	0	-	0	598	-598
Residual Fuel Oil	0	0	-	0	687	-687	687	0	687
Petrochemical Feedstocks	0	0	-	0	117	-117	117	0	117
Naphtha for Petrochemical Feedstock Use	0	0	-	0	94	-94	94	0	94
Other Oils for Petrochemical Feedstock Use	0	0	-	0	23	-23	23	0	23
Special Naphthas	0	0	-	24	50	-26	50	24	26
Lubricants	541	0	541	190	9	181	9	731	-722
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	272	9	263	199	1,465	-1,266	1,302	80	1,222
Asphalt and Road Oil	1,373	38	1,335	437	1,514	-1,078	556	854	-297
Miscellaneous Products	0	0	-	12	0	12	0	12	-12
Total	119,271	17,846	101,425	116,023	148,056	-32,033	104,503	153,368	-48,866

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, July 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,465	26,583	-20,118	2,057	0	2,057
Petroleum Products	14,934	30,325	-15,391	13,175	247	12,927
Natural Gas Liquids	10,686	26,968	-16,282	762	0	762
Ethane	3,061	9,294	-6,233	0	0	-
Propane	3,855	8,909	-5,054	371	0	371
Normal Butane	1,747	3,775	-2,028	264	0	264
Isobutane	609	1,572	-963	127	0	127
Natural Gasoline	1,414	3,418	-2,004	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	276	0	276
Motor Gasoline Blending Components	2,213	1,287	926	4,316	0	4,316
Reformulated - RBOB	-	-	-	1,869	0	1,869
Conventional	2,213	1,287	926	2,447	0	2,447
CBOB	2,213	1,287	926	2,447	0	2,447
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	420	66	354	5,440	19	5,421
Fuel Ethanol	386	66	320	4,764	0	4,764
Biodiesel	34	0	34	335	19	317
Renewable Diesel Fuel	0	0	-	341	0	341
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	106	381	-275	65	0	65
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	106	381	-275	65	0	65
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	106	381	-275	65	0	65
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	710	50	660	273	0	273
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	611	795	-184	1,403	0	1,403
15 ppm sulfur and under	611	795	-184	1,403	0	1,403
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	-	-	-
Other Oils for Petrochemical Feedstock Use	-	-	-	0	0	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	-	-	-	0	0	-
Marketable Petroleum Coke	155	290	-135	122	206	-84
Asphalt and Road Oil	33	488	-455	518	23	495
Miscellaneous Products	0	0	-	0	0	-
Total	21,399	56,909	-35,510	15,231	247	14,984

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-812, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, August 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	3,226	386	2,840	49,034	63,848	-14,814	54,918	24,840	30,078
Petroleum Products	123,971	17,366	106,605	63,301	93,265	-29,964	55,886	131,120	-75,235
Natural Gas Liquids	8,697	7,877	820	41,459	57,747	-16,288	43,313	13,335	29,978
Ethane	57	5,724	-5,667	13,811	21,132	-7,321	19,555	1,315	18,240
Propane	6,722	1,017	5,705	10,436	21,131	-10,696	12,781	3,161	9,620
Normal Butane	1,841	378	1,463	4,068	8,054	-3,986	4,805	507	4,298
Isobutane	77	506	-429	2,555	2,268	288	1,862	858	1,003
Natural Gasoline	0	253	-253	10,589	5,162	5,427	4,310	7,493	-3,183
Refinery Olefins	305	0	305	0	899	-899	594	0	594
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	305	0	305	0	899	-899	594	0	594
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	83	41	42	554	1,303	-749	1,303	596	707
Motor Gasoline Blending Components	60,635	6,168	54,467	10,900	4,797	6,103	1,565	67,143	-65,578
Reformulated - RBOB	11,497	0	11,497	1,799	0	1,799	0	15,250	-15,250
Conventional	49,138	6,168	42,970	9,101	4,797	4,304	1,565	51,893	-50,328
CBOB	48,070	6,168	41,902	8,903	4,495	4,408	1,263	50,627	-49,364
GTAB	0	0	-	-	-	-	-	-	-
Other	1,068	0	1,068	198	302	-104	302	1,266	-964
Biofuels (including Fuel Ethanol)	8,990	0	8,990	34	19,829	-19,796	5,623	1,424	4,199
Fuel Ethanol	8,906	0	8,906	0	19,275	-19,275	5,463	627	4,836
Biodiesel	84	0	84	34	554	-521	160	92	67
Renewable Diesel Fuel	-	-	-	0	0	-	0	704	-704
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	2,110	106	2,004	1,884	883	1,001	6	2,731	-2,725
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	2,110	106	2,004	1,884	883	1,001	6	2,731	-2,725
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,110	106	2,004	1,884	883	1,001	6	2,731	-2,725
Finished Aviation Gasoline	41	0	41	50	0	50	0	91	-91
Kerosene-Type Jet Fuel	15,800	375	15,425	1,432	840	592	30	17,060	-17,030
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	24,912	2,786	22,126	6,034	2,887	3,147	790	27,147	-26,357
15 ppm sulfur and under	24,110	2,786	21,324	5,959	2,887	3,072	790	26,270	-25,480
Greater than 15 ppm to 500 ppm sulfur	1	0	1	75	0	75	0	76	-76
Greater than 500 ppm sulfur	801	0	801	0	0	-	0	801	-801
Residual Fuel Oil	93	0	93	0	874	-874	874	93	781
Petrochemical Feedstocks	0	0	-	0	71	-71	71	0	71
Naphtha for Petrochemical Feedstock Use	0	0	-	0	48	-48	48	0	48
Other Oils for Petrochemical Feedstock Use	0	0	-	0	23	-23	23	0	23
Special Naphthas	0	0	-	37	100	-63	100	37	63
Lubricants	441	0	441	220	23	197	23	661	-638
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	512	12	500	216	1,534	-1,317	1,139	41	1,097
Asphalt and Road Oil	1,352	0	1,352	481	1,478	-997	456	761	-305
Miscellaneous Products	0	0	-	0	0	-	0	0	-
Total	127,196	17,752	109,445	112,335	157,113	-44,778	110,804	155,960	-45,157

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, August 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,195	26,662	-20,467	2,363	0	2,363
Petroleum Products	15,449	30,083	-14,635	13,364	136	13,228
Natural Gas Liquids	11,446	26,577	-15,131	622	0	622
Ethane	3,400	8,652	-5,252	0	0	-
Propane	4,063	9,000	-4,937	308	0	308
Normal Butane	1,825	3,819	-1,994	219	0	219
Isobutane	633	1,590	-957	95	0	95
Natural Gasoline	1,525	3,516	-1,991	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	1,765	1,395	370	4,638	0	4,638
Reformulated - RBOB	-	-	-	1,954	0	1,954
Conventional	1,765	1,395	370	2,684	0	2,684
CBOB	1,765	1,395	370	2,684	0	2,684
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	464	52	411	6,199	3	6,196
Fuel Ethanol	440	52	387	5,146	0	5,146
Biodiesel	24	0	24	349	3	346
Renewable Diesel Fuel	0	0	-	704	0	704
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	105	466	-361	81	0	81
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	105	466	-361	81	0	81
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	105	466	-361	81	0	81
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	735	44	691	322	0	322
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	860	694	166	918	0	918
15 ppm sulfur and under	860	694	166	918	0	918
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	0	0	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	61	374	-313	158	125	33
Asphalt and Road Oil	13	481	-468	426	8	418
Miscellaneous Products	0	0	-	0	0	-
Total	21,644	56,745	-35,101	15,727	136	15,591

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, September 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	3,928	392	3,536	42,822	62,377	-19,555	52,452	20,035	32,417
Petroleum Products	120,145	18,006	102,139	58,383	84,571	-26,187	47,955	121,191	-73,236
Natural Gas Liquids	9,464	7,522	1,942	36,653	52,422	-15,769	37,450	9,934	27,516
Ethane	201	5,551	-5,350	13,185	18,723	-5,538	16,539	1,219	15,320
Propane	7,091	981	6,110	10,107	19,145	-9,038	10,873	3,353	7,520
Normal Butane	2,086	228	1,857	3,843	7,378	-3,535	4,038	517	3,520
Isobutane	87	473	-387	2,576	2,136	440	1,755	983	773
Natural Gasoline	0	288	-288	6,942	5,040	1,902	4,245	3,862	383
Refinery Olefins	282	0	282	0	783	-783	501	0	501
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	282	0	282	0	783	-783	501	0	501
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	35	41	-6	122	795	-673	795	116	679
Motor Gasoline Blending Components	57,420	7,098	50,322	11,141	4,598	6,543	1,153	63,109	-61,956
Reformulated - RBOB	7,553	0	7,553	877	98	779	98	10,370	-10,272
Conventional	49,867	7,098	42,769	10,264	4,500	5,764	1,055	52,739	-51,684
CBOB	49,355	7,098	42,257	9,901	4,447	5,454	1,002	51,864	-50,862
GTAB	0	0	-	-	-	-	-	-	-
Other	512	0	512	363	53	310	53	875	-822
Biofuels (including Fuel Ethanol)	9,743	0	9,743	0	18,765	-18,765	5,079	632	4,447
Fuel Ethanol	9,596	0	9,596	0	18,109	-18,109	4,938	240	4,699
Biodiesel	148	0	148	0	657	-657	140	59	82
Renewable Diesel Fuel	-	-	-	0	0	-	0	334	-334
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	1,314	73	1,241	2,280	430	1,850	102	2,911	-2,809
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	1,314	73	1,241	2,280	430	1,850	102	2,911	-2,809
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	1,314	73	1,241	2,280	430	1,850	102	2,911	-2,809
Finished Aviation Gasoline	116	0	116	45	0	45	0	161	-161
Kerosene-Type Jet Fuel	14,003	327	13,676	1,015	868	147	30	14,724	-14,694
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	25,916	2,930	22,986	6,305	2,691	3,614	658	28,255	-27,597
15 ppm sulfur and under	25,111	2,930	22,181	6,214	2,691	3,523	658	27,359	-26,701
Greater than 15 ppm to 500 ppm sulfur	1	0	1	91	0	91	0	92	-92
Greater than 500 ppm sulfur	804	0	804	0	0	-	0	804	-804
Residual Fuel Oil	0	0	-	0	835	-835	835	0	835
Petrochemical Feedstocks	0	0	-	50	69	-19	69	50	19
Naphtha for Petrochemical Feedstock Use	0	0	-	50	44	6	44	50	-6
Other Oils for Petrochemical Feedstock Use	0	0	-	0	25	-25	25	0	25
Special Naphthas	0	0	-	15	45	-30	45	15	30
Lubricants	393	0	393	189	10	179	10	582	-572
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	369	3	366	57	917	-859	648	19	629
Asphalt and Road Oil	1,090	13	1,078	503	1,342	-840	580	675	-95
Miscellaneous Products	0	0	-	8	0	8	0	8	-8
Total	124,073	18,398	105,675	101,205	146,948	-45,742	100,407	141,226	-40,819

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, September 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,204	25,410	-19,206	2,808	0	2,808
Petroleum Products	14,893	28,320	-13,426	10,844	133	10,711
Natural Gas Liquids	10,836	25,121	-14,285	595	0	595
Ethane	3,206	7,638	-4,432	0	0	-
Propane	3,872	8,756	-4,884	292	0	292
Normal Butane	1,708	3,737	-2,029	186	0	186
Isobutane	597	1,540	-943	117	0	117
Natural Gasoline	1,453	3,450	-1,997	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	2,030	1,123	907	4,184	0	4,184
Reformulated - RBOB	-	-	-	1,940	0	1,940
Conventional	2,030	1,123	907	2,244	0	2,244
CBOB	2,030	1,123	907	2,244	0	2,244
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	465	46	419	4,157	0	4,157
Fuel Ethanol	423	46	377	3,438	0	3,438
Biodiesel	42	0	42	385	0	385
Renewable Diesel Fuel	0	0	-	334	0	334
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	125	516	-391	109	0	109
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	125	516	-391	109	0	109
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	125	516	-391	109	0	109
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	684	58	626	245	0	245
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	728	764	-36	1,033	0	1,033
15 ppm sulfur and under	728	764	-36	1,033	0	1,033
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	-	-	-
Naphtha for Petrochemical Feedstock Use	-	-	-	-	-	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	-	-	-	0	0	-
Marketable Petroleum Coke	13	80	-67	56	125	-69
Asphalt and Road Oil	13	612	-599	465	8	457
Miscellaneous Products	0	0	-	0	0	-
Total	21,097	53,730	-32,633	13,652	133	13,519

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	3,705	372	3,333	46,410	62,214	-15,804	53,928	21,955	31,973
Petroleum Products	127,460	17,895	109,565	59,053	85,379	-26,326	48,991	131,274	-82,283
Natural Gas Liquids	9,277	7,872	1,405	38,352	51,605	-13,253	37,051	11,052	25,999
Ethane	114	5,712	-5,598	13,765	18,220	-4,455	16,503	1,237	15,266
Propane	7,423	1,093	6,330	10,865	19,141	-8,276	10,756	4,161	6,595
Normal Butane	1,658	273	1,385	4,159	7,091	-2,932	3,829	775	3,054
Isobutane	82	526	-444	2,697	2,138	559	1,772	1,073	699
Natural Gasoline	0	268	-268	6,866	5,015	1,851	4,192	3,807	385
Refinery Olefins	307	0	307	0	674	-674	367	0	367
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	307	0	307	0	674	-674	367	0	367
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	10	40	-30	75	1,064	-989	1,064	45	1,019
Motor Gasoline Blending Components	59,830	6,770	53,060	10,226	4,769	5,457	1,628	65,867	-64,239
Reformulated - RBOB	6,656	0	6,656	1,058	273	785	273	9,858	-9,585
Conventional	53,174	6,770	46,404	9,168	4,496	4,672	1,355	56,009	-54,654
CBOB	52,314	6,770	45,544	9,110	4,391	4,719	1,250	55,091	-53,841
GTAB	0	0	-	-	-	-	0	0	-
Other	860	0	860	58	105	-47	105	918	-813
Biofuels (including Fuel Ethanol)	8,992	0	8,992	0	19,230	-19,230	5,779	1,265	4,515
Fuel Ethanol	8,851	0	8,851	0	18,429	-18,429	5,546	639	4,907
Biodiesel	141	0	141	0	801	-801	234	95	138
Renewable Diesel Fuel	-	-	-	0	0	-	0	530	-530
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	2,409	92	2,317	2,229	585	1,644	31	3,674	-3,643
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	2,409	92	2,317	2,229	585	1,644	31	3,674	-3,643
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,409	92	2,317	2,229	585	1,644	31	3,674	-3,643
Finished Aviation Gasoline	117	0	117	45	0	45	0	162	-162
Kerosene-Type Jet Fuel	14,921	405	14,516	1,097	999	98	0	15,600	-15,600
Kerosene	37	0	37	0	0	-	0	37	-37
Distillate Fuel Oil	29,510	2,661	26,849	6,255	3,438	2,817	1,250	32,254	-31,004
15 ppm sulfur and under	28,614	2,661	25,953	6,230	3,438	2,792	1,250	31,333	-30,083
Greater than 15 ppm to 500 ppm sulfur	1	0	1	25	0	25	0	26	-26
Greater than 500 ppm sulfur	895	0	895	0	0	-	0	895	-895
Residual Fuel Oil	0	0	-	1	813	-812	813	1	812
Petrochemical Feedstocks	0	0	-	25	138	-113	138	25	113
Naphtha for Petrochemical Feedstock Use	0	0	-	25	138	-113	138	25	113
Other Oils for Petrochemical Feedstock Use	0	0	-	0	0	-	0	0	-
Special Naphthas	0	0	-	15	0	15	0	15	-15
Lubricants	389	0	389	161	0	161	0	550	-550
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	323	12	311	254	557	-304	484	169	315
Asphalt and Road Oil	1,338	43	1,295	312	1,507	-1,194	385	552	-166
Miscellaneous Products	0	0	-	6	0	6	0	6	-6
Total	131,165	18,267	112,898	105,463	147,594	-42,131	102,919	153,229	-50,310

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, October 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,408	28,074	-21,666	2,164	0	2,164
Petroleum Products	15,320	30,063	-14,743	13,877	90	13,787
Natural Gas Liquids	10,980	26,500	-15,520	1,369	0	1,369
Ethane	3,193	8,406	-5,213	—	—	—
Propane	4,033	9,142	-5,109	460	0	460
Normal Butane	1,695	3,936	-2,241	733	0	733
Isobutane	596	1,585	-989	176	0	176
Natural Gasoline	1,463	3,431	-1,968	0	0	—
Refinery Olefins	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—
Propylene	0	0	—	0	0	—
Normal Butylene	0	0	—	0	0	—
Isobutylene	0	0	—	0	0	—
Unfinished Oils	0	0	—	0	0	—
Motor Gasoline Blending Components	2,106	1,382	724	4,998	0	4,998
Reformulated - RBOB	—	—	—	2,144	0	2,144
Conventional	2,106	1,382	724	2,854	0	2,854
CBOB	2,106	1,382	724	2,854	0	2,854
GTAB	—	—	—	—	—	—
Other	0	0	—	0	0	—
Biofuels (including Fuel Ethanol)	468	43	426	5,298	0	5,298
Fuel Ethanol	440	43	397	4,275	0	4,275
Biodiesel	29	0	29	493	0	493
Renewable Diesel Fuel	0	0	—	530	0	530
Other Biofuels ²	0	0	—	0	0	—
Finished Motor Gasoline	114	524	-410	92	0	92
Reformulated	0	0	—	0	0	—
Reformulated Blended with Fuel Ethanol	0	0	—	0	0	—
Reformulated Other	—	—	—	—	—	—
Conventional	114	524	-410	92	0	92
Conventional Blended with Fuel Ethanol	0	0	—	0	0	—
Ed55 and Lower	0	0	—	0	0	—
Greater than Ed55	0	0	—	0	0	—
Conventional Other	114	524	-410	92	0	92
Finished Aviation Gasoline	0	0	—	0	0	—
Kerosene-Type Jet Fuel	813	38	775	211	0	211
Kerosene	0	0	—	0	0	—
Distillate Fuel Oil	796	627	169	1,169	0	1,169
15 ppm sulfur and under	796	627	169	1,169	0	1,169
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—
Greater than 500 ppm sulfur	0	0	—	0	0	—
Residual Fuel Oil	0	0	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	—	—	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—
Lubricants	0	0	—	0	0	—
Waxes	0	0	—	0	0	—
Marketable Petroleum Coke	19	398	-378	133	77	56
Asphalt and Road Oil	23	552	-529	607	13	594
Miscellaneous Products	0	0	—	0	0	—
Total	21,728	58,137	-36,409	16,041	90	15,951

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms Pipeline Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, November 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	3,454	290	3,164	41,963	66,489	-24,526	57,352	19,690	37,662
Petroleum Products	126,000	18,087	107,913	61,194	89,446	-28,251	51,375	130,475	-79,100
Natural Gas Liquids	10,912	7,871	3,041	41,358	54,377	-13,019	38,619	15,373	23,245
Ethane	114	5,814	-5,700	13,650	19,324	-5,674	17,704	1,367	16,337
Propane	8,454	1,061	7,393	10,363	20,318	-9,955	11,228	4,124	7,104
Normal Butane	2,267	281	1,986	3,946	7,980	-4,034	3,866	829	3,037
Isobutane	77	465	-387	3,095	2,105	991	1,899	1,553	346
Natural Gasoline	0	250	-250	10,304	4,650	5,654	3,922	7,501	-3,579
Refinery Olefins	157	0	157	0	485	-485	329	0	329
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	157	0	157	0	485	-485	329	0	329
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	20	-20	68	1,031	-963	1,031	48	983
Motor Gasoline Blending Components	57,508	7,090	50,418	10,777	4,781	5,996	1,838	63,162	-61,324
Reformulated - RBOB	6,523	0	6,523	699	282	417	282	9,193	-8,911
Conventional	50,985	7,090	43,895	10,078	4,499	5,579	1,556	53,969	-52,413
CBOB	50,169	7,090	43,079	10,078	4,292	5,786	1,349	53,153	-51,804
GTAB	0	0	-	-	-	-	-	-	-
Other	816	0	816	0	207	-207	207	816	-609
Biofuels (including Fuel Ethanol)	9,184	0	9,184	0	19,731	-19,731	5,667	1,091	4,577
Fuel Ethanol	9,064	0	9,064	0	18,899	-18,899	5,387	523	4,864
Biodiesel	120	0	120	0	832	-832	281	74	207
Renewable Diesel Fuel	-	-	-	0	0	-	0	494	-494
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	1,942	92	1,850	936	840	96	157	1,829	-1,672
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	1,942	92	1,850	936	840	96	157	1,829	-1,672
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	1,942	92	1,850	936	840	96	157	1,829	-1,672
Finished Aviation Gasoline	46	0	46	47	0	47	0	93	-93
Kerosene-Type Jet Fuel	14,876	405	14,471	1,924	1,133	791	28	16,208	-16,180
Kerosene	37	0	37	0	0	-	0	37	-37
Distillate Fuel Oil	29,584	2,534	27,050	5,283	3,300	1,983	967	31,260	-30,293
15 ppm sulfur and under	28,860	2,534	26,326	5,179	3,300	1,879	967	30,432	-29,465
Greater than 15 ppm to 500 ppm sulfur	1	0	1	104	0	104	0	105	-105
Greater than 500 ppm sulfur	723	0	723	0	0	-	0	723	-723
Residual Fuel Oil	0	0	-	0	1,179	-1,179	1,179	0	1,179
Petrochemical Feedstocks	0	0	-	26	155	-129	155	26	129
Naphtha for Petrochemical Feedstock Use	0	0	-	26	135	-109	135	26	109
Other Oils for Petrochemical Feedstock Use	-	-	-	0	20	-20	20	0	20
Special Naphthas	0	0	-	33	0	33	0	33	-33
Lubricants	336	0	336	198	49	149	29	514	-485
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	290	12	278	80	1,046	-966	800	35	765
Asphalt and Road Oil	1,128	63	1,065	458	1,338	-880	576	760	-184
Miscellaneous Products	0	0	-	6	0	6	0	6	-6
Total	129,454	18,377	111,077	103,157	155,935	-52,778	108,727	150,165	-41,438

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, November 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	5,765	25,629	-19,864	3,564	0	3,564
Petroleum Products	13,953	28,621	-14,668	14,248	141	14,106
Natural Gas Liquids	10,062	25,068	-15,006	1,738	0	1,738
Ethane	2,950	7,913	-4,963	—	—	—
Propane	3,690	8,697	-5,007	465	0	465
Normal Butane	1,551	3,657	-2,106	1,118	0	1,118
Isobutane	549	1,654	-1,105	156	0	156
Natural Gasoline	1,322	3,147	-1,825	0	0	—
Refinery Olefins	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—
Propylene	0	0	—	0	0	—
Normal Butylene	0	0	—	0	0	—
Isobutylene	0	0	—	0	0	—
Unfinished Oils	0	0	—	0	0	—
Motor Gasoline Blending Components	1,666	1,465	201	4,709	0	4,709
Reformulated - RBOB	—	—	—	1,971	0	1,971
Conventional	1,666	1,465	201	2,738	0	2,738
CBOB	1,666	1,465	201	2,738	0	2,738
GTAB	—	—	—	—	—	—
Other	0	0	—	0	0	—
Biofuels (including Fuel Ethanol)	484	92	392	5,578	0	5,578
Fuel Ethanol	453	92	361	4,610	0	4,610
Biodiesel	31	0	31	474	0	474
Renewable Diesel Fuel	0	0	—	494	0	494
Other Biofuels ²	0	0	—	0	0	—
Finished Motor Gasoline	104	464	-360	86	0	86
Reformulated	0	0	—	0	0	—
Reformulated Blended with Fuel Ethanol	0	0	—	0	0	—
Reformulated Other	—	—	—	—	—	—
Conventional	104	464	-360	86	0	86
Conventional Blended with Fuel Ethanol	0	0	—	0	0	—
Ed55 and Lower	0	0	—	0	0	—
Greater than Ed55	0	0	—	0	0	—
Conventional Other	104	464	-360	86	0	86
Finished Aviation Gasoline	0	0	—	0	0	—
Kerosene-Type Jet Fuel	721	353	368	550	0	550
Kerosene	0	0	—	0	0	—
Distillate Fuel Oil	867	760	107	1,153	0	1,153
15 ppm sulfur and under	867	760	107	1,153	0	1,153
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	0	—
Greater than 500 ppm sulfur	0	0	—	0	0	—
Residual Fuel Oil	0	0	—	0	0	—
Petrochemical Feedstocks	—	—	—	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—
Special Naphthas	—	—	—	0	0	—
Lubricants	0	0	—	0	0	—
Waxes	—	—	—	0	0	—
Marketable Petroleum Coke	36	9	27	25	129	-103
Asphalt and Road Oil	13	410	-397	408	13	395
Miscellaneous Products	0	0	—	0	0	—
Total	19,718	54,250	-34,532	17,812	141	17,671

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms Pipeline Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, December 2022
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	3,925	564	3,361	46,902	62,818	-15,916	54,963	24,644	30,319
Petroleum Products	127,428	17,831	109,597	56,700	80,648	-23,948	45,146	130,935	-85,789
Natural Gas Liquids	10,258	7,459	2,799	38,549	46,746	-8,197	33,028	16,465	16,563
Ethane	505	5,376	-4,871	11,921	16,349	-4,428	14,663	1,346	13,317
Propane	7,973	1,061	6,912	9,169	17,379	-8,210	9,479	4,328	5,151
Normal Butane	1,670	324	1,347	3,996	7,036	-3,040	3,889	1,257	2,632
Isobutane	109	460	-351	2,461	1,989	472	1,620	1,032	588
Natural Gasoline	0	238	-238	11,002	3,993	7,009	3,377	8,502	-5,125
Refinery Olefins	267	0	267	0	800	-800	532	0	532
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	267	0	267	0	800	-800	532	0	532
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	15	63	-48	83	1,079	-996	1,079	35	1,044
Motor Gasoline Blending Components	57,547	7,153	50,394	10,094	4,825	5,269	1,597	62,406	-60,809
Reformulated - RBOB	6,696	0	6,696	519	285	234	285	9,246	-8,961
Conventional	50,851	7,153	43,698	9,575	4,540	5,035	1,312	53,160	-51,848
CBOB	50,013	7,153	42,860	9,575	4,493	5,082	1,265	52,322	-51,057
GTAB	0	0	-	-	-	-	-	-	-
Other	838	0	838	0	47	-47	47	838	-791
Biofuels (including Fuel Ethanol)	9,625	0	9,625	0	18,503	-18,503	4,973	1,006	3,967
Fuel Ethanol	9,368	0	9,368	0	17,487	-17,487	4,700	494	4,206
Biodiesel	256	0	256	0	1,016	-1,016	274	80	194
Renewable Diesel Fuel	-	-	-	0	0	-	0	432	-432
Other Biofuels ²	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	2,524	92	2,432	714	776	-62	117	2,149	-2,032
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-	0	0	-
Conventional	2,524	92	2,432	714	776	-62	117	2,149	-2,032
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	2,524	92	2,432	714	776	-62	117	2,149	-2,032
Finished Aviation Gasoline	50	0	50	0	0	-	0	50	-50
Kerosene-Type Jet Fuel	15,495	405	15,090	2,077	637	1,440	0	17,306	-17,306
Kerosene	37	0	37	0	0	-	0	37	-37
Distillate Fuel Oil	29,640	2,564	27,076	4,492	3,459	1,033	1,060	30,231	-29,171
15 ppm sulfur and under	28,743	2,564	26,179	4,345	3,459	886	1,060	29,187	-28,127
Greater than 15 ppm to 500 ppm sulfur	1	0	1	147	0	147	0	148	-148
Greater than 500 ppm sulfur	896	0	896	0	0	-	0	896	-896
Residual Fuel Oil	0	0	-	0	1,185	-1,185	1,185	0	1,185
Petrochemical Feedstocks	0	31	-31	35	134	-99	165	35	130
Naphtha for Petrochemical Feedstock Use	0	0	-	35	92	-57	92	35	57
Other Oils for Petrochemical Feedstock Use	0	31	-31	0	42	-42	73	0	73
Special Naphthas	0	0	-	0	0	-	0	0	-
Lubricants	512	0	512	134	0	134	0	646	-646
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	536	24	512	255	1,262	-1,008	844	79	765
Asphalt and Road Oil	922	40	882	252	1,242	-990	565	474	91
Miscellaneous Products	0	0	-	15	0	15	0	15	-15
Total	131,353	18,395	112,958	103,602	143,465	-39,864	100,109	155,579	-55,470

See footnotes at end of table.

Table 41. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, December 2022
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	5,278	25,277	-19,999	2,234	0	2,234
Petroleum Products	11,928	25,106	-13,177	13,490	173	13,317
Natural Gas Liquids	8,095	21,367	-13,272	2,107	0	2,107
Ethane	2,001	6,019	-4,018	0	0	-
Propane	3,164	7,713	-4,549	696	0	696
Normal Butane	1,326	3,500	-2,174	1,235	0	1,235
Isobutane	471	1,355	-884	175	0	175
Natural Gasoline	1,133	2,779	-1,646	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	1,753	1,606	147	4,999	0	4,999
Reformulated - RBOB	-	-	-	2,031	0	2,031
Conventional	1,753	1,606	147	2,968	0	2,968
CBOB	1,753	1,606	147	2,968	0	2,968
GTAB	-	-	-	0	0	-
Other	0	0	-	0	0	-
Biofuels (including Fuel Ethanol)	477	121	355	4,559	3	4,556
Fuel Ethanol	440	121	318	3,594	0	3,594
Biodiesel	37	0	37	532	3	529
Renewable Diesel Fuel	0	0	-	432	0	432
Other Biofuels ²	0	0	-	0	0	-
Finished Motor Gasoline	97	535	-438	100	0	100
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	97	535	-438	100	0	100
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	97	535	-438	100	0	100
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	528	37	491	285	0	285
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	881	664	217	845	0	845
15 ppm sulfur and under	881	664	217	845	0	845
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	-	-	-
Other Oils for Petrochemical Feedstock Use	-	-	-	0	0	-
Special Naphthas	0	0	-	0	0	-
Lubricants	0	0	-	0	0	-
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	52	272	-220	80	129	-48
Asphalt and Road Oil	46	503	-457	515	41	474
Miscellaneous Products	0	0	-	0	0	-
Total	17,206	50,383	-33,176	15,724	173	15,552

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Other Biofuels includes renewable heating oil, renewable jet fuel, renewable naphtha and gasoline, and other biofuels and biointermediates.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Forms Pipeline Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.