

Table 4. Production Capacity of Operable Petroleum Refineries by State as of January 1, 2023

(Barrels per Stream Day, Except Where Noted)

State/Refiner/Location	Alkylates	Aromatics	Asphalt and Road Oil	Isomers			Lubricants	Marketable Petroleum Coke	Hydrogen ^a (MMcfd)	Sulfur (short tons per day)
				Isobutane	Isopentane and Isohexane	Isooctane				
Alabama	0	0	26,000	1,150	4,500	0	0	7,500	45	228
Hunt Refining Co										
Tuscaloosa	0	0	26,000	0	4,500	0	0	7,500	45	195
Vertex Refining Alabama LLC										
Saraland	0	0	0	1,150	0	0	0	0	0	33
(Formerly Shell Chemical LP)										
Alaska	0	0	12,500	0	5,000	0	0	0	13	25
Petro Star Inc										
North Pole	0	0	3,000	0	0	0	0	0	0	0
Tesoro Alaska Company LLC										
Kenai	0	0	9,500	0	5,000	0	0	0	13	25
Arkansas	5,000	0	21,300	0	8,000	0	6,000	0	13	90
Cross Oil Refining & Marketing Inc										
Smackover	0	0	800	0	0	0	6,000	0	3	0
Lion Oil Co										
El Dorado	5,000	0	20,500	0	8,000	0	0	0	10	90
California	193,362	1,500	25,950	49,200	131,600	0	39,800	137,523	971	4,728
Chevron USA Inc										
El Segundo	33,300	0	0	10,500	22,300	0	0	30,000	74	628
Richmond	32,662	0	0	7,200	46,000	0	34,000	0	330	1,008
Kern Oil & Refining Co										
Bakersfield	0	0	0	0	0	0	0	0	0	11
Lunday Thagard Co										
South Gate	0	0	3,750	0	0	0	0	0	0	0
Martinez Refining Co LLC										
Martinez	12,800	0	0	0	15,000	0	0	9,000	179	413

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				Isobutane	Isopentane and Isohexane	Isooctane				
Phillips 66 Company										
Rodeo	0	0	0	3,800	10,000	0	0	14,500	22	560
Wilmington	16,000	0	0	7,000	12,800	0	0	16,800	105	370
San Joaquin Refining Co Inc										
Bakersfield	0	1,500	8,000	0	0	0	5,800	0	4	6
Talley Asphalt Products Inc										
Kern	0	0	1,700	0	0	0	0	0	0	0
Tesoro Refining & Marketing Co										
Carson	29,500	0	0	16,500	25,500	0	0	31,243	122	749
Torrance Refining Co LLC										
Torrance	30,000	0	0	0	0	0	0	19,180	0	400
Ultramar Inc										
Wilmington	22,000	0	0	0	0	0	0	10,000	0	280
Valero Refining Co California										
Benicia	17,100	0	9,000	4,200	0	0	0	6,800	135	303
Wilmington	0	0	3,500	0	0	0	0	0	0	0
Colorado	0	0	13,200	0	0	0	0	0	22	116
Suncor Energy (USA) Inc										
Commerce City East	0	0	0	0	0	0	0	0	0	2
Commerce City West	0	0	13,200	0	0	0	0	0	22	114
Delaware	12,500	5,191	0	6,000	0	0	0	13,620	65	596
Delaware City Refining Co LLC										
Delaware City	12,500	5,191	0	6,000	0	0	0	13,620	65	596
Hawaii	0	0	0	0	0	0	0	0	18	38
Par Hawaii Refining LLC										
Kapolei	0	0	0	0	0	0	0	0	18	38

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				Isobutane	Isopentane and Isohexane	Isooctane				
Illinois	96,600	17,200	45,100	0	16,000	0	0	74,690	202	2,380
ExxonMobil Refining & Supply Co										
Joliet	31,500	0	17,100	0	0	0	0	26,000	0	683
Marathon Petroleum Co LP										
Robinson	19,000	3,300	0	0	16,000	0	0	7,890	0	202
PDV Midwest Refining LLC										
Lemont	24,300	9,400	0	0	0	0	0	12,900	12	487
WRB Refining LP										
Wood River	21,800	4,500	28,000	0	0	0	0	27,900	190	1,008
Indiana	34,400	16,800	33,200	0	31,400	0	0	30,000	0	1,913
BP Products North America Inc										
Whiting	32,000	16,800	29,500	0	27,900	0	0	30,000	0	1,904
Countrymark Refining & Logistics LLC										
Mount Vernon	2,400	0	3,700	0	3,500	0	0	0	0	9
Kansas	34,000	0	4,000	4,000	27,000	0	0	23,064	120	831
CHS McPherson Refinery Inc										
McPherson	10,000	0	0	2,500	12,000	0	0	7,364	42	287
Coffeyville Resources Rfg & Mktg										
Coffeyville	10,000	0	0	0	0	0	0	8,700	22	229
HF Sinclair El Dorado Refining LLC										
El Dorado	14,000	0	4,000	1,500	15,000	0	0	7,000	56	315
(Formerly HollyFrontier El Dorado Refining LLC)										
Kentucky	22,500	2,500	35,400	0	19,000	0	0	0	0	448
Marathon Petroleum Co LP										
Catlettsburg	22,500	2,500	35,400	0	19,000	0	0	0	0	448

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				Isobutane	Isopentane and Isohexane	Isooctane				
Louisiana	214,500	34,400	103,000	23,000	92,720	0	66,000	164,436	118	6,053
Alon Refining Krotz Springs Inc										
Krotz Springs	6,000	0	0	0	6,220	0	0	0	0	0
Calumet Cotton Valley Refining LLC										
Cotton Valley	0	0	0	0	500	0	0	0	2	0
Calumet Princeton Refining LLC										
Princeton	0	0	2,000	0	0	0	7,000	0	4	3
Calumet Shreveport Refining LLC										
Shreveport	0	0	6,500	0	0	0	12,500	0	12	40
Chalmette Refining LLC										
Chalmette	16,800	10,500	15,000	0	0	0	0	13,000	0	920
Citgo Petroleum Corp										
Lake Charles	28,100	20,900	0	0	28,000	0	0	32,820	0	717
Excel Paralubes										
Westlake	0	0	0	0	0	0	30,000	0	0	185
ExxonMobil Refining & Supply Co										
Baton Rouge	41,000	0	40,000	0	0	0	16,500	31,525	0	944
Marathon Petroleum Co LP										
Garyville	40,000	0	33,000	23,000	33,000	0	0	33,275	0	1,476
Phillips 66 Company										
Westlake	9,000	0	6,500	0	25,000	0	0	22,500	0	440
Placid Refining Co										
Port Allen	7,500	0	0	0	0	0	0	0	0	55
Shell Oil Products US										
Norco	18,100	0	0	0	0	0	0	7,316	0	209
Valero Refining - Meraux LLC										
Meraux	0	0	0	0	0	0	0	0	0	224
Valero Refining New Orleans LLC										
Norco	48,000	3,000	0	0	0	0	0	24,000	100	840

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				Isobutane	Isopentane and Isohexane	Isooctane				
Michigan	8,000	0	32,000	0	0	0	0	12,850	0	460
Marathon Petroleum Co LP										
Detroit	8,000	0	32,000	0	0	0	0	12,850	0	460
Minnesota	21,000	0	62,000	0	33,500	0	0	28,400	209	1,339
Flint Hills Resources LP										
Saint Paul	14,000	0	45,000	0	18,000	0	0	28,400	199	1,229
St Paul Park Refining Co LLC										
Saint Paul	7,000	0	17,000	0	15,500	0	0	0	10	110
Mississippi	22,000	15,600	16,125	0	0	0	48,000	35,500	242	1,264
Chevron USA Inc										
Pascagoula	22,000	15,600	0	0	0	0	25,000	35,500	229	1,264
Ergon Refining Inc										
Vicksburg	0	0	10,000	0	0	0	23,000	0	13	0
Hunt Southland Refining Co										
Sandersville	0	0	6,125	0	0	0	0	0	0	0
Montana	17,150	0	39,000	5,250	1,500	0	0	15,480	134	489
Calumet Montana Refining LLC										
Great Falls	750	0	4,700	0	1,500	0	0	0	5	0
Cenex Harvest States Coop										
Laurel	4,000	0	19,800	1,250	0	0	0	4,800	70	243
ExxonMobil Refining & Supply Co										
Billings	5,100	0	14,500	0	0	0	0	4,000	23	0
Phillips 66 Company										
Billings	7,300	0	0	4,000	0	0	0	6,680	36	246
Nevada	0	0	1,600	0	0	0	0	0	0	0

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				Isobutane	Isopentane and Isohexane	Isooctane				
Foreland Refining Corp										
Ely	0	0	1,600	0	0	0	0	0	0	0
New Jersey	18,800	0	21,000	4,000	0	0	12,000	0	31	320
Paulsboro Refining Co LLC										
Paulsboro	0	0	21,000	0	0	0	12,000	0	9	320
Phillips 66 Company										
Linden	18,800	0	0	4,000	0	0	0	0	22	0
New Mexico	9,500	0	7,000	0	0	0	0	0	38	224
HF Sinclair Navajo Refining LLC										
Artesia	9,500	0	7,000	0	0	0	0	0	38	224
(Formerly HollyFrontier Navajo Refining LLC)										
North Dakota	5,000	0	0	0	0	0	0	0	0	15
Tesoro Refining & Marketing Co										
Mandan	5,000	0	0	0	0	0	0	0	0	15
Ohio	29,950	20,000	26,000	4,500	18,700	0	0	16,300	0	922
BP-Husky Refining LLC										
Toledo	11,500	0	9,000	0	0	0	0	10,000	0	462
Lima Refining Company										
Lima	0	9,200	0	4,500	18,700	0	0	6,300	0	240
Marathon Petroleum Co LP										
Canton	8,500	0	17,000	0	0	0	0	0	0	104
Toledo Refining Co LLC										
Toledo	9,950	10,800	0	0	0	0	0	0	0	116
Oklahoma	35,586	21,000	21,700	900	13,000	0	9,900	9,050	62	275

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				Isobutane	Isopentane and Isohexane	Isooctane				
HF Sinclair Tulsa Refining LLC										
Tulsa East	5,500	0	15,200	0	13,000	0	0	0	0	75
(Formerly HollyFrontier Tulsa Refining LLC)										
Tulsa West	0	0	6,500	900	0	0	9,900	2,750	0	0
(Formerly HollyFrontier Tulsa Refining LLC)										
Phillips 66 Company										
Ponca City	17,574	0	0	0	0	0	0	6,300	35	0
Valero Refining Co Oklahoma										
Ardmore	7,012	0	0	0	0	0	0	0	27	200
Wynnewood Refining Co										
Wynnewood	5,500	21,000	0	0	0	0	0	0	0	0
Pennsylvania	16,500	0	23,560	0	9,280	0	2,945	0	10	157
American Refining Group Inc										
Bradford	0	0	560	0	780	0	2,945	0	0	0
Monroe Energy LLC										
Trainer	12,000	0	0	0	0	0	0	0	0	90
United Refining Co										
Warren	4,500	0	23,000	0	8,500	0	0	0	10	67
Tennessee	17,000	29,000	0	0	0	0	0	0	30	116
Valero Ref Company Tennessee LLC										
Memphis	17,000	29,000	0	0	0	0	0	0	30	116
Texas	416,393	121,665	54,200	54,300	152,100	0	72,900	282,957	291	16,266
Alon USA Energy Inc										
Big Spring	5,000	1,000	7,600	0	0	0	0	0	0	100
Citgo Refining & Chemical Inc										
Corpus Christi	25,198	16,270	0	0	0	0	0	17,374	0	370

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				Isobutane	Isopentane and Isohexane	Isooctane				
Deer Park Refining LP										
Deer Park	21,000	0	0	0	0	0	0	26,100	0	1,220
Delek Refining LTD										
Tyler	4,700	0	0	0	0	0	0	1,500	0	39
Diamond Shamrock Refining Co LP										
Sunray	9,800	0	12,000	3,000	0	0	0	0	30	75
Three Rivers	7,000	10,800	0	3,000	0	0	1,900	0	0	224
Equistar Chemicals LP										
Channelview	22,370	0	0	0	0	0	0	0	0	0
ExxonMobil Refining & Supply Co										
Baytown	44,500	0	0	0	0	0	32,000	22,750	0	1,828
Beaumont	16,300	0	0	13,300	33,800	0	0	15,039	0	661
Flint Hills Resources LP										
Corpus Christi East	0	0	0	0	0	0	0	0	0	102
Corpus Christi West	15,500	0	0	0	0	0	0	0	0	160
Houston Refining LP										
Houston	11,250	0	0	0	0	0	0	30,150	0	1,123
Marathon Petroleum Co LP										
Galveston Bay	65,500	39,400	0	0	0	0	0	11,910	0	1,452
Motiva Enterprises LLC										
Port Arthur	20,500	0	0	0	58,500	0	39,000	50,975	0	3,203
Phillips 66 Company										
Sweeny	26,200	20,500	0	0	10,100	0	0	22,800	0	915
Premcor Refining Group Inc										
Port Arthur	19,500	0	0	0	0	0	0	32,240	0	1,490
South Hampton Resources Inc										
Silsbee	0	3,640	0	0	4,400	0	0	0	0	0
TotalEnergies Petrochem & Refg USA										
Port Arthur	7,500	13,600	0	0	7,800	0	0	19,200	0	806

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				Isobutane	Isopentane and Isohexane	Isooctane				
Valero Refining Co Texas LP										
Corpus Christi	24,500	16,455	30,600	16,000	0	0	0	5,919	160	1,142
Houston	28,875	0	0	0	0	0	0	0	0	336
Texas City	14,700	0	0	0	6,500	0	0	19,000	0	680
Western Refining Company LP										
El Paso	12,500	0	4,000	4,000	0	0	0	0	10	0
WRB Refining LP										
Borger	14,000	0	0	15,000	31,000	0	0	8,000	91	340
Utah	21,600	0	1,800	3,318	6,000	0	0	2,500	0	92
Big West Oil Co										
North Salt Lake	3,100	0	0	1,900	3,000	0	0	0	0	3
Chevron USA Inc										
Salt Lake City	5,200	0	0	1,418	0	0	0	2,500	0	63
HF Sinclair Woods Cross Refining LLC										
Woods Cross	5,300	0	1,800	0	3,000	0	0	0	0	10
(Formerly HollyFrontier Woods Cross Refg Co)										
Tesoro Refining & Marketing Co										
Salt Lake City	8,000	0	0	0	0	0	0	0	0	16
Washington	42,200	0	9,000	11,600	31,000	0	0	23,650	186	805
BP Products North America Inc										
Ferndale	0	0	0	0	26,000	0	0	15,250	186	284
HF Sinclair Puget Sound Refg LLC										
Anacortes	12,500	0	0	0	0	0	0	8,400	0	350
(Formerly HollyFrontier Puget Sound Refg LLC)										
Phillips 66 Company										
Ferndale	12,700	0	0	2,900	0	0	0	0	0	112
Tesoro Refining & Marketing Co										
Anacortes	17,000	0	0	8,700	0	0	0	0	0	48

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				Isobutane	Isopentane and Isohexane	Isooctane				
US Oil & Refining Co										
Tacoma	0	0	9,000	0	5,000	0	0	0	0	11
West Virginia	0	0	700	0	0	0	6,000	0	3	1
Ergon West Virginia Inc										
Newell	0	0	700	0	0	0	6,000	0	3	1
Wisconsin	1,700	6,100	16,000	0	0	0	0	0	0	33
Superior Refining Company LLC										
Superior	1,700	6,100	16,000	0	0	0	0	0	0	33
Wyoming	6,300	0	8,000	0	0	0	0	5,800	52	213
HF Sinclair Casper Refining Company										
Evansville	0	0	0	0	0	0	0	0	0	10
(Formerly Sinclair Casper Refining Company)										
HF Sinclair Wyoming Refining Co										
Sinclair	5,000	0	8,000	0	0	0	0	5,800	52	203
(Formerly Sinclair Wyoming Refining Co)										
Wyoming Refining Co										
Newcastle	1,300	0	0	0	0	0	0	0	0	0
U.S. Total	1,301,541	290,956	659,335	167,218	600,300	0	263,545	883,320	2,875	40,437

^a Includes hydrogen production capacity of hydrogen plants on refinery grounds and operated by the refinery operator.

Note: Refer to Table 5 for corporate ownership information. Some names of previously independent companies have been preserved by acquiring companies.

Source: Energy Information Administration (EIA), Form EIA-820, "Annual Refinery Report."