

MARYLAND
Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, Maryland
 (Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)			
	Coal	Natural Gas excluding Supplemental Gaseous Fuels ^a	Petroleum							Total	Total	Natural Gas including Supplemental Gaseous Fuels ^a	Distillate Fuel Oil including Biofuels ^a	Motor Gasoline including Fuel Ethanol ^a
			Distillate Fuel Oil excluding Biofuels ^a	HGL ^b	Jet Fuel ^c	Motor Gasoline excluding Fuel Ethanol ^a	Residual Fuel Oil	Other ^d	Total					
1960	226.6	73.3	75.0	4.0	13.5	118.5	105.8	36.4	353.2	653.1	73.3	75.0	118.5	
1965	327.4	101.0	98.8	5.6	15.7	144.5	97.5	48.0	410.2	838.6	101.0	98.8	144.5	
1970	311.3	159.6	115.4	6.9	25.0	195.2	138.6	47.8	528.9	999.8	159.6	115.4	195.2	
1971	274.0	164.7	116.5	7.2	22.8	204.4	187.7	49.1	587.9	1,026.5	164.7	116.5	204.4	
1972	226.4	180.3	124.4	8.6	21.4	217.6	232.3	46.6	650.9	1,057.6	180.3	124.4	217.6	
1973	256.8	177.6	133.5	9.4	20.4	225.2	260.5	46.2	695.3	1,129.6	177.6	133.5	225.2	
1974	217.5	175.5	130.9	8.8	18.0	222.6	245.4	46.0	671.7	1,064.7	175.5	130.9	222.6	
1975	197.2	141.9	122.5	8.9	16.9	229.5	169.4	46.4	593.7	932.7	141.9	122.5	229.5	
1976	245.3	149.6	117.7	10.2	17.4	239.2	173.3	49.5	607.3	1,002.3	149.6	117.7	239.2	
1977	189.7	135.2	126.2	10.3	18.9	246.5	165.8	49.8	617.7	942.6	135.2	126.2	246.5	
1978	209.7	139.6	123.6	9.4	18.4	251.5	172.6	52.0	627.4	976.8	139.6	123.6	251.5	
1979	240.7	179.6	138.5	7.3	18.0	233.7	151.1	52.3	600.8	1,021.2	179.6	138.5	233.7	
1980	235.7	163.0	127.6	7.5	19.5	231.1	103.6	43.5	532.9	931.6	163.0	127.6	231.1	
1981	210.4	177.2	108.4	7.4	19.7	233.3	82.6	45.3	496.6	884.2	177.2	108.4	233.3	
1982	217.3	159.8	95.0	7.4	19.9	232.1	75.2	42.4	472.1	849.2	159.8	95.0	232.1	
1983	232.6	148.3	107.6	7.5	21.1	232.5	68.8	48.8	486.2	867.2	148.3	107.6	232.5	
1984	270.2	162.8	116.8	8.8	20.3	238.6	72.2	61.2	517.9	950.8	162.8	116.8	238.6	
1985	256.2	155.6	110.4	6.7	21.7	239.7	49.8	56.4	484.6	896.4	155.6	110.4	239.7	
1986	275.0	157.9	106.7	5.3	21.6	246.4	45.8	60.1	485.9	918.9	157.9	106.7	246.4	
1987	288.9	174.1	113.7	6.5	21.0	253.3	57.1	64.7	516.2	979.3	174.1	113.7	253.3	
1988	301.2	177.7	116.4	6.3	25.0	258.1	65.5	62.5	533.8	1,012.7	177.7	116.4	258.1	
1989	295.8	198.7	124.5	8.0	24.5	260.7	98.8	55.4	571.9	1,066.3	198.7	124.5	260.7	
1990	286.5	180.6	106.8	7.3	20.3	249.1	66.3	56.1	505.8	972.9	180.6	106.8	249.1	
1991	274.8	183.0	108.6	7.5	18.4	254.5	61.5	42.0	492.6	950.3	183.0	108.6	254.5	
1992	247.5	190.0	114.7	9.8	17.1	257.6	51.7	43.5	494.4	931.8	190.0	114.7	257.6	
1993	261.7	186.6	117.4	9.2	16.8	258.8	65.4	50.1	517.7	966.0	186.6	117.4	258.8	
1994	268.9	191.0	118.7	10.5	18.2	264.3	59.6	49.3	520.7	980.6	191.0	118.7	264.3	
1995	289.6	198.6	111.6	10.1	19.4	267.6	25.6	48.3	482.5	970.7	198.6	111.6	267.6	
1996	292.5	200.8	126.1	11.2	22.1	269.7	28.4	45.1	502.6	995.9	200.8	126.1	269.7	
1997	289.7	219.0	114.0	10.8	23.2	278.7	26.5	56.4	509.6	1,018.3	219.0	114.0	278.7	
1998	303.9	195.5	120.2	9.2	22.2	283.8	47.6	59.9	542.9	1,042.2	195.5	120.2	283.8	
1999	305.2	202.5	126.5	8.2	22.3	295.7	57.1	58.6	568.4	1,076.1	202.5	126.5	295.7	
2000	312.2	219.0	130.3	8.9	23.3	297.0	32.4	55.1	547.0	1,078.2	219.0	130.3	297.0	
2001	318.9	184.8	134.6	9.5	16.6	308.2	36.3	61.2	566.4	1,070.1	184.8	134.6	308.2	
2002	325.8	203.5	125.0	8.9	9.7	311.2	28.7	61.1	544.7	1,074.0	203.5	125.0	311.2	
2003	329.6	204.3	130.6	13.2	13.3	321.7	39.6	52.3	570.7	1,104.6	204.3	130.6	321.7	
2004	327.2	201.8	132.8	10.8	17.8	330.5	41.3	57.0	590.2	1,119.3	201.8	132.8	330.5	
2005	329.3	211.8	137.6	11.9	24.7	330.3	46.7	52.7	604.0	1,145.1	211.8	137.6	330.3	
2006	324.7	189.2	131.2	11.6	23.5	326.8	16.5	29.1	538.7	1,052.5	189.2	131.2	326.8	
2007	328.0	208.4	125.5	10.6	20.0	323.6	15.4	36.5	531.5	1,067.9	208.4	125.5	323.6	
2008	309.3	202.7	113.3	12.0	21.7	317.4	10.0	32.6	507.2	1,019.2	202.7	113.3	317.4	
2009	266.9	203.6	R 113.5	12.2	19.0	333.9	6.5	23.1	R 508.1	R 978.6	203.6	113.5	333.9	
2010	266.1	217.6	R 120.0	13.2	36.1	300.7	6.6	21.4	R 498.1	R 981.8	217.6	120.0	300.7	
2011	241.2	199.1	R 110.3	13.1	37.1	296.5	4.0	19.6	R 480.6	R 920.9	199.1	110.3	296.5	
2012	192.3	216.6	R 102.6	10.0	35.6	301.1	1.9	19.0	R 470.1	R 879.0	216.6	102.6	301.1	
2013	183.2	206.1	R 96.3	11.4	35.3	314.1	2.0	19.4	R 478.4	R 867.7	206.1	96.3	314.1	
2014	201.2	217.2	R 109.3	13.1	34.1	303.5	2.0	22.8	R 484.7	R 903.2	217.2	109.3	303.5	
2015	166.0	226.0	R 108.5	12.2	36.2	316.9	1.4	23.9	R 499.1	R 891.1	226.0	108.5	316.9	
2016	162.9	229.5	R 94.8	10.9	38.2	306.2	0.7	22.8	R 473.7	R 866.2	229.5	94.8	306.2	
2017	107.0	232.7	R 91.5	10.9	40.9	302.8	0.7	23.9	R 470.7	R 810.4	232.7	91.5	302.8	
2018	124.2	312.8	R 101.3	11.7	41.9	301.6	1.6	19.6	R 477.6	R 914.6	312.8	101.3	301.6	
2019	77.3	311.6	R 99.4	12.7	R 41.8	300.5	0.6	19.1	R 474.1	R 863.0	311.6	99.4	300.5	
2020	49.7	296.6	R 93.2	12.1	33.3	239.1	2.2	17.7	R 397.6	R 743.8	296.6	93.2	239.1	
2021	69.2	302.2	97.6	12.4	31.5	272.2	0.9	19.0	433.1	804.5	302.2	97.6	272.2	

^a Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."

^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^c Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, Maryland (Continued)
(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy											Net Interstate Flow of Electricity ^k	Electricity Net Imports ^l	Total ^f
		Hydro-electric Power ^{e,f}	Biomass						Geo-thermal ^f	Solar ^{fj}	Wind	Total ^f			
			Wood and Waste ^g	Fuel Ethanol ^h	Biodiesel	Renewable Diesel	Losses and Co-products ⁱ	Total ^f							
1960	0.0	14.6	23.8	NA	NA	NA	NA	23.8	0.0	NA	NA	38.4	5.8	0.0	697.3
1965	0.0	11.9	27.1	NA	NA	NA	NA	27.1	0.0	NA	NA	39.0	-17.7	0.0	859.9
1970	0.0	20.0	31.8	NA	NA	NA	NA	31.8	0.0	NA	NA	51.8	16.4	0.0	1,068.0
1971	0.0	18.6	30.7	NA	NA	NA	NA	30.7	0.0	NA	NA	49.3	28.8	0.0	1,104.5
1972	0.0	23.7	32.4	NA	NA	NA	NA	32.4	0.0	NA	NA	56.1	9.0	0.0	1,122.8
1973	0.0	22.5	32.6	NA	NA	NA	NA	32.6	0.0	NA	NA	55.1	29.9	0.0	1,214.6
1974	0.0	20.6	31.8	NA	NA	NA	NA	31.8	0.0	NA	NA	52.4	6.0	0.0	1,123.1
1975	48.3	24.0	31.8	NA	NA	NA	NA	31.8	0.0	NA	NA	55.8	32.6	0.0	1,069.4
1976	70.9	21.7	34.7	NA	NA	NA	NA	34.7	0.0	NA	NA	56.4	18.5	0.0	1,148.1
1977	117.2	21.1	38.5	NA	NA	NA	NA	38.5	0.0	NA	NA	59.6	10.5	0.0	1,129.8
1978	108.3	18.0	41.3	NA	NA	NA	NA	41.3	0.0	NA	NA	59.3	10.4	0.0	1,154.7
1979	105.2	22.7	43.6	NA	NA	NA	NA	43.6	0.0	NA	NA	66.3	26.4	0.0	1,219.2
1980	119.4	13.2	32.6	NA	NA	NA	NA	32.6	0.0	NA	NA	45.8	59.7	0.0	1,156.5
1981	127.1	14.9	30.5	0.1	NA	NA	0.0	30.5	0.0	NA	NA	45.4	84.2	0.0	1,140.9
1982	114.6	14.0	37.6	(s)	NA	NA	0.0	37.6	0.0	NA	NA	51.6	86.8	0.0	1,102.1
1983	127.3	18.6	33.5	(s)	NA	NA	0.0	33.5	0.0	NA	0.0	52.1	73.8	0.0	1,120.4
1984	126.3	21.1	39.0	(s)	NA	NA	0.0	39.0	0.0	0.0	0.0	60.1	55.1	0.0	1,192.4
1985	105.4	15.9	39.2	(s)	NA	NA	0.0	39.2	0.0	0.0	0.0	55.2	103.1	0.0	1,160.0
1986	135.7	19.6	35.0	(s)	NA	NA	0.0	35.1	0.0	0.0	0.0	54.6	73.2	0.0	1,182.4
1987	105.1	16.8	31.0	0.0	NA	NA	0.0	31.0	0.0	0.0	0.0	47.8	116.9	0.0	1,249.1
1988	124.4	13.7	32.5	0.0	NA	NA	0.0	32.5	0.0	0.0	0.0	46.2	105.0	0.0	1,288.4
1989	28.8	18.5	36.8	0.0	NA	NA	0.0	36.8	0.1	(s)	0.0	55.5	169.9	0.0	1,320.4
1990	13.2	23.9	26.5	0.0	NA	NA	0.0	26.5	0.1	(s)	0.0	50.5	241.0	0.0	1,277.7
1991	94.7	14.7	26.9	0.0	NA	NA	0.0	26.9	0.1	(s)	0.0	41.7	187.8	0.0	1,274.5
1992	111.7	18.9	27.7	0.0	NA	NA	0.0	27.7	0.1	(s)	0.0	46.7	174.7	0.0	1,264.9
1993	129.2	17.1	32.0	0.0	NA	NA	0.0	32.0	0.1	(s)	0.0	49.3	170.9	0.0	1,315.3
1994	117.4	20.7	32.1	0.0	NA	NA	0.0	32.1	0.1	0.1	0.0	53.0	172.8	0.0	1,323.8
1995	135.9	14.9	36.8	0.3	NA	NA	0.0	37.1	0.1	0.1	0.0	52.1	183.1	0.0	1,341.8
1996	127.0	25.4	40.5	0.2	NA	NA	0.0	40.7	0.1	0.1	0.0	66.2	191.7	0.0	1,380.8
1997	138.7	16.2	36.5	0.3	NA	NA	0.0	36.8	0.1	0.1	0.0	53.2	176.3	0.0	1,386.4
1998	139.9	17.7	34.6	0.2	NA	NA	0.0	34.8	0.1	(s)	0.0	52.7	149.8	0.0	1,384.6
1999	139.1	14.6	35.9	0.2	NA	NA	0.0	36.2	0.1	(s)	0.0	50.9	159.1	0.0	1,425.3
2000	144.2	17.7	36.0	0.2	NA	NA	0.0	36.3	0.1	(s)	0.0	54.1	183.4	0.0	1,459.9
2001	142.6	12.2	20.8	(s)	(s)	NA	0.0	20.9	0.1	(s)	0.0	33.3	205.1	0.1	1,451.2
2002	126.6	16.9	21.0	3.1	(s)	NA	0.0	24.0	0.1	(s)	0.0	41.1	297.8	0.0	1,539.5
2003	142.7	26.8	27.1	(s)	(s)	NA	0.0	27.1	0.2	(s)	0.0	54.2	289.0	0.0	1,590.4
2004	152.0	25.1	28.0	(s)	(s)	NA	0.0	28.1	0.2	0.1	0.0	53.5	245.4	0.0	1,570.2
2005	153.4	17.0	26.3	4.9	(s)	NA	0.0	31.2	0.2	0.1	0.0	48.6	249.7	0.0	1,596.8
2006	144.3	20.9	24.4	13.7	0.1	NA	0.0	38.2	0.3	0.1	0.0	59.4	226.1	0.0	1,482.3
2007	150.6	16.3	24.1	17.2	0.1	NA	(s)	41.4	0.3	0.1	0.0	58.1	229.4	0.0	1,506.0
2008	153.4	19.5	24.7	15.4	0.1	NA	(s)	40.2	0.4	0.1	0.0	60.2	233.7	0.0	1,466.5
2009	152.2	18.4	29.4	18.1	0.1	NA	0.0	47.6	0.5	0.1	0.0	R 66.6	257.3	0.0	R 1,454.7
2010	146.3	16.3	31.6	23.2	0.1	NA	(s)	54.9	0.5	0.2	(s)	71.9	285.7	0.4	R 1,486.0
2011	150.7	24.7	29.2	22.3	0.3	0.0	(s)	51.9	0.5	R 0.5	2.6	R 80.3	279.4	0.7	R 1,432.0
2012	142.3	15.8	28.0	22.3	0.3	0.0	(s)	50.6	0.6	R 1.3	3.1	R 71.3	298.3	0.0	R 1,390.9
2013	149.0	16.5	31.2	23.7	1.2	0.0	0.0	56.1	0.6	2.2	3.1	78.5	317.3	1.0	R 1,413.6
2014	150.0	15.4	30.7	23.1	1.3	0.0	0.0	55.0	0.6	3.4	3.1	77.5	R 293.8	0.6	R 1,425.1
2015	153.1	15.1	23.5	24.1	1.4	0.0	0.0	49.1	0.6	4.4	4.0	73.2	R 305.2	0.6	R 1,423.2
2016	154.4	R 12.8	23.1	23.2	2.3	0.0	0.0	48.7	0.6	6.8	4.9	73.8	R 290.9	0.4	R 1,385.6
2017	158.0	18.1	22.1	23.2	2.3	0.0	0.0	47.6	0.6	9.3	5.2	80.8	R 296.8	(s)	R 1,346.0
2018	156.7	25.8	23.0	23.0	1.3	0.0	0.0	47.3	0.6	R 11.4	5.2	90.3	R 228.9	0.1	R 1,390.6
2019	156.8	19.5	17.8	23.3	1.0	0.0	0.0	42.1	0.6	13.1	4.6	79.9	R 254.4	0.0	R 1,354.1
2020	157.5	14.9	13.5	18.6	1.1	0.0	0.0	33.3	0.6	13.5	4.8	67.0	R 243.1	0.0	R 1,211.4
2021	156.6	18.7	12.9	21.4	0.9	0.0	0.0	35.2	0.6	14.8	4.6	73.8	234.3	0.0	1,269.2

^e Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^g Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^h Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

ⁱ Losses and co-products from the production of biodiesel and fuel ethanol.

^j Solar thermal and photovoltaic energy.

^k Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state during the year.

Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

^l Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatt-hours by 3,412 Btu per kilowatt-hour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>