

Table CT2. Primary energy consumption estimates, selected years, 1960-2022, New Jersey
(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	168.8	144.1	268.2	12.2	11.5	255.9	269.4	138.4	955.6	1,268.5	144.1	268.2	255.9	
1965	236.6	219.2	312.3	16.2	29.4	289.7	269.7	154.9	1,072.2	1,528.1	219.2	312.3	289.7	
1970	123.3	331.2	369.3	24.8	37.5	347.9	507.8	152.6	1,439.9	1,894.4	331.2	369.3	347.9	
1971	91.5	335.3	376.0	25.1	37.5	358.8	474.3	145.9	1,417.7	1,844.4	335.3	376.0	358.8	
1972	32.0	329.6	418.7	29.0	47.8	389.0	504.6	162.1	1,551.3	1,912.9	329.6	418.7	389.0	
1973	66.1	309.7	436.6	29.4	45.7	398.3	497.8	170.6	1,578.4	1,954.3	309.7	436.6	398.3	
1974	82.5	282.2	398.2	28.3	39.6	396.7	399.4	152.5	1,414.7	1,779.3	282.2	398.2	396.7	
1975	60.5	251.7	347.3	26.3	35.1	407.7	311.0	141.7	1,269.1	1,581.3	251.7	347.3	407.7	
1976	70.6	332.5	356.0	27.5	38.1	417.4	363.2	146.3	1,348.5	1,751.6	332.5	356.0	417.4	
1977	71.0	255.5	345.4	28.1	47.3	407.3	375.2	161.8	1,365.1	1,691.7	255.5	345.4	407.3	
1978	60.8	236.9	330.2	28.7	44.0	423.4	365.7	169.9	1,362.0	1,659.7	236.9	330.2	423.4	
1979	59.2	269.9	295.3	28.3	47.7	397.3	383.7	164.8	1,317.1	1,646.2	269.9	295.3	397.3	
1980	68.7	341.1	307.9	26.3	49.3	382.1	337.1	146.8	1,249.5	1,659.3	351.0	307.9	382.1	
1981	75.5	391.5	295.1	22.2	102.2	380.2	237.5	122.0	1,159.2	1,626.2	403.4	295.1	380.2	
1982	78.4	377.2	264.9	22.0	193.3	385.2	210.1	115.9	1,191.4	1,647.0	387.3	264.9	385.2	
1983	91.6	407.8	229.0	22.1	209.8	407.9	167.1	141.6	1,177.5	1,676.8	418.0	229.0	407.9	
1984	84.0	419.4	259.2	30.3	239.9	405.8	186.4	150.2	1,271.7	1,775.2	428.3	259.2	405.8	
1985	103.3	375.3	254.8	25.1	248.6	396.1	150.8	116.0	1,191.4	1,670.0	389.1	254.8	396.1	
1986	77.9	350.6	282.8	22.8	221.8	423.9	194.8	126.2	1,272.3	1,700.8	363.0	282.8	423.9	
1987	90.5	418.2	281.9	27.6	245.2	427.2	158.5	132.8	1,273.3	1,782.0	432.4	281.9	427.2	
1988	81.1	409.8	295.7	26.8	231.1	425.9	146.6	133.5	1,259.6	1,750.5	425.0	295.7	425.9	
1989	94.8	468.3	280.4	22.9	249.9	427.6	142.3	135.7	1,258.9	1,822.0	483.2	280.4	427.6	
1990	80.8	447.8	227.2	15.3	262.6	411.5	95.5	115.8	1,127.9	1,656.5	458.1	227.2	411.5	
1991	61.9	495.1	214.8	21.4	247.0	418.7	110.6	113.2	1,125.7	1,682.6	510.2	214.8	418.7	
1992	62.7	625.9	217.5	23.4	261.2	402.6	99.3	119.8	1,123.7	1,812.3	640.6	217.5	402.6	
1993	63.1	651.6	206.2	13.5	272.8	367.5	79.7	150.1	1,089.7	1,804.5	667.1	206.2	367.5	
1994	65.1	706.0	229.9	13.9	274.2	424.9	84.5	141.7	1,169.2	1,940.3	714.1	229.9	424.9	
1995	79.9	713.1	198.3	14.8	283.8	427.4	78.8	143.8	1,146.9	1,939.9	720.7	198.3	427.4	
1996	86.6	718.7	205.9	13.9	243.8	447.5	61.0	148.6	1,120.7	1,926.1	725.7	205.9	447.5	
1997	99.9	735.3	205.3	15.4	219.7	461.5	57.6	175.0	1,134.5	1,969.7	742.0	205.3	461.5	
1998	86.2	696.0	199.0	13.6	210.4	476.5	54.5	160.1	1,114.1	1,896.3	705.5	199.0	476.5	
1999	89.0	737.6	212.1	26.9	206.1	476.8	52.8	185.3	1,160.0	1,986.5	743.6	212.1	476.8	
2000	114.7	617.9	215.5	24.2	208.5	491.9	88.2	161.9	1,190.3	1,923.0	626.5	215.5	491.9	
2001	112.2	573.0	224.7	27.1	192.5	488.6	79.5	181.0	1,193.4	1,878.7	585.8	224.7	488.6	
2002	104.8	617.1	209.1	26.7	164.1	500.7	99.7	178.7	1,179.0	1,900.9	620.8	209.1	500.8	
2003	106.9	635.7	230.1	13.2	146.9	510.9	88.6	156.6	1,146.4	1,888.9	636.2	230.1	510.9	
2004	112.7	644.5	234.6	11.3	142.0	538.8	88.4	149.9	1,164.8	1,922.0	645.0	234.6	538.8	
2005	125.3	625.4	231.6	9.0	180.5	525.9	118.1	160.7	1,225.8	1,976.6	625.9	231.6	525.9	
2006	116.1	566.7	212.7	7.4	191.2	511.2	106.1	146.6	1,175.2	1,858.0	566.9	212.7	511.2	
2007	111.8	640.2	229.3	10.2	207.2	513.1	124.4	157.6	1,241.8	1,993.8	640.6	229.3	513.1	
2008	97.7	634.7	206.3	9.3	200.0	502.2	171.4	127.2	1,216.5	1,948.9	635.2	206.3	502.2	
2009	59.6	638.3	169.1	8.4	195.2	481.3	69.8	106.4	1,030.2	1,728.1	638.8	170.3	481.3	
2010	72.0	671.0	172.0	27.6	105.0	469.8	50.7	94.7	1,091.7	1,662.7	671.5	172.0	469.8	
2011	49.6	677.5	188.3	27.7	106.7	461.5	44.6	102.8	931.6	1,658.7	677.9	188.3	461.5	
2012	25.6	670.8	161.3	23.2	104.4	451.7	42.4	101.8	884.7	1,581.1	671.0	161.3	451.7	
2013	25.9	712.0	161.5	23.9	110.3	452.2	35.9	94.3	878.1	1,616.0	712.3	161.5	452.2	
2014	30.7	805.1	176.1	24.6	104.6	454.4	11.7	84.6	856.2	1,692.0	805.7	176.1	454.4	
2015	22.9	778.9	167.6	23.7	109.0	458.4	23.4	95.3	877.5	1,679.3	779.3	167.6	458.4	
2016	17.5	793.9	169.4	23.4	113.3	469.3	25.0	R 87.9	R 888.4	R 1,699.8	794.2	169.4	469.3	
2017	16.5	734.1	153.2	23.1	119.8	447.4	20.4	R 95.5	R 859.4	R 1,610.0	734.1	153.2	447.4	
2018	16.7	799.6	165.1	23.7	121.6	437.9	48.3	R 92.5	R 889.2	R 1,705.4	799.6	165.1	437.9	
2019	13.8	790.7	163.1	23.7	123.2	434.7	4.8	R 94.4	R 843.7	R 1,648.2	790.7	163.1	434.7	
2020	12.1	678.9	146.7	23.4	55.9	345.1	36.1	R 80.0	R 687.2	R 1,378.2	678.9	146.7	345.1	
2021	12.6	697.0	R 154.3	23.8	80.1	383.7	25.9	R 82.1	R 749.0	R 1,458.6	697.0	R 154.3	383.7	
2022	6.2	755.0	154.5	23.4	98.9	383.9	26.5	82.1	768.6	1,529.8	755.0	154.5	383.9	

^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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

^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, 1960-2022, New Jersey (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 ^{f,j}	Wind	Total ^f			
			Wood and waste ^{f,g}	Fuel ethanol ^h	Biodiesel	Renewable diesel	Losses and co-products ⁱ	Total ^f							
1960	0.0	R 0.2	20.0	NA	NA	NA	NA	20.0	0.0	NA	NA	R 20.2	R -14.1	0.0	R 1,274.6
1965	0.0	R -0.1	24.0	NA	NA	NA	NA	24.0	0.0	NA	NA	R 23.9	R -19.4	0.0	R 1,532.6
1970	37.9	R -1.4	30.1	NA	NA	NA	NA	30.1	0.0	NA	NA	R 28.8	R -31.5	0.0	R 1,929.6
1971	41.5	R -1.1	29.9	NA	NA	NA	NA	29.9	0.0	NA	NA	R 28.8	R 4.7	0.0	R 1,919.3
1972	47.0	R -0.7	31.8	NA	NA	NA	NA	31.8	0.0	NA	NA	R 31.1	R 38.1	0.0	R 2,029.1
1973	39.1	R -1.1	33.7	NA	NA	NA	NA	33.7	0.0	NA	NA	R 32.6	R 45.1	0.0	R 2,071.1
1974	41.0	R -1.0	36.0	NA	NA	NA	NA	36.0	0.0	NA	NA	R 35.1	R 70.8	0.0	R 1,926.2
1975	34.6	R -0.9	33.8	NA	NA	NA	NA	33.8	0.0	NA	NA	R 32.9	R 182.6	0.0	R 1,831.5
1976	42.6	R -0.8	37.6	NA	NA	NA	NA	37.6	0.0	NA	NA	R 36.8	R 190.9	0.0	R 2,021.9
1977	74.9	R -0.6	40.3	NA	NA	NA	NA	40.3	0.0	NA	NA	R 39.7	R 161.9	0.0	R 1,968.2
1978	89.4	R -0.6	43.5	NA	NA	NA	NA	43.5	0.0	NA	NA	R 42.9	R 181.5	0.0	R 1,973.4
1979	71.9	R -1.0	46.0	NA	NA	NA	NA	46.0	0.0	NA	NA	R 45.1	R 223.1	0.0	R 1,986.4
1980	83.2	R -1.0	51.3	NA	NA	NA	NA	51.3	0.0	NA	NA	R 50.4	R 202.8	0.0	R 1,995.7
1981	128.8	R -0.8	56.8	(s)	NA	NA	NA	56.8	0.0	NA	NA	R 56.1	R 171.7	0.0	R 1,982.7
1982	155.5	R -0.8	51.5	0.0	NA	NA	NA	51.5	0.0	NA	NA	R 50.8	R 159.9	0.0	R 2,013.1
1983	69.0	R -0.8	62.7	0.0	NA	NA	NA	62.7	0.0	NA	NA	R 61.9	R 222.7	0.0	R 2,030.5
1984	60.8	R -0.8	51.4	0.0	NA	NA	NA	51.4	0.0	0.0	0.0	R 50.5	R 245.1	0.0	R 2,131.6
1985	188.8	R -0.8	52.2	0.0	NA	NA	NA	52.2	0.0	0.0	0.0	R 51.4	R 179.8	0.0	R 2,089.9
1986	156.3	R -1.0	44.5	0.0	NA	NA	NA	44.5	0.0	0.0	0.0	R 43.5	R 250.1	0.0	R 2,150.7
1987	237.0	R -1.1	41.8	0.0	NA	NA	NA	41.8	0.0	0.0	0.0	R 40.8	R 172.5	0.0	R 2,232.3
1988	253.3	R -0.7	44.1	0.0	NA	NA	NA	44.1	0.0	0.0	0.0	R 43.4	R 207.9	0.0	R 2,255.1
1989	243.7	R -0.8	37.0	0.0	NA	NA	NA	37.0	0.1	0.4	0.0	R 36.6	R 204.3	0.0	R 2,306.6
1990	251.5	R 0.1	25.4	0.0	NA	NA	NA	25.4	0.1	0.4	0.0	R 25.9	R 315.5	0.0	R 2,249.4
1991	260.1	R 0.1	35.3	0.0	NA	NA	NA	35.3	0.1	0.4	0.0	R 35.8	R 298.9	0.0	R 2,277.4
1992	226.1	R 0.1	37.9	0.0	NA	NA	NA	37.9	0.1	0.4	0.0	R 38.4	R 285.2	0.0	R 2,362.1
1993	261.9	R 0.1	36.3	0.1	NA	NA	NA	36.4	0.1	R 0.4	0.0	R 36.9	R 269.5	0.0	R 2,372.8
1994	231.3	R 0.1	40.7	0.3	NA	NA	NA	41.0	0.1	0.5	0.0	R 41.6	R 269.3	0.0	R 2,482.5
1995	176.6	R (s)	42.5	1.0	NA	NA	NA	43.5	0.1	0.5	0.0	R 44.1	R 314.3	0.0	R 2,474.9
1996	115.8	R 0.1	40.4	0.9	NA	NA	NA	41.3	0.1	R 0.5	0.0	R 41.9	R 372.3	0.0	R 2,456.1
1997	146.0	R 0.1	38.5	1.0	NA	NA	NA	39.4	0.1	R 0.5	0.0	R 40.1	R 316.9	0.0	R 2,472.7
1998	284.6	R 0.1	37.9	0.8	NA	NA	NA	38.7	0.1	0.6	0.0	R 39.4	R 230.7	0.0	R 2,451.1
1999	302.7	R 0.1	39.0	0.6	NA	NA	NA	39.6	0.1	0.6	0.0	R 40.4	R 231.7	0.0	R 2,561.3
2000	298.0	R (s)	39.4	0.8	NA	NA	NA	40.2	0.1	0.6	0.0	R 40.9	R 215.7	0.0	R 2,477.6
2001	318.2	R 0.1	28.1	1.0	(s)	NA	NA	29.1	0.1	R 0.6	0.0	R 29.9	R 225.9	0.0	R 2,452.6
2002	322.3	R (s)	27.5	0.1	(s)	NA	NA	27.6	0.1	R 0.8	0.0	R 28.6	R 227.9	0.0	R 2,479.7
2003	309.6	R 0.1	25.0	0.1	(s)	NA	NA	25.1	0.2	R 1.1	0.0	R 26.4	R 282.8	0.0	R 2,507.7
2004	282.4	R 0.1	25.1	0.5	(s)	NA	NA	25.7	0.2	R 1.2	0.0	R 27.2	R 319.8	(s)	R 2,551.4
2005	327.6	R 0.1	17.5	9.6	0.1	NA	NA	27.2	0.2	R 1.4	0.0	R 28.9	R 314.4	0.0	R 2,647.5
2006	339.8	R 0.1	19.1	25.9	0.2	NA	NA	45.2	0.2	R 1.6	R 0.1	R 47.1	R 285.8	0.0	R 2,530.8
2007	335.8	R 0.1	17.5	32.3	0.2	NA	NA	50.1	0.3	R 1.7	R 0.1	R 52.2	R 272.7	0.0	R 2,654.5
2008	336.5	R 0.1	19.8	27.3	0.2	NA	NA	47.3	0.3	R 1.9	R 0.1	R 49.7	R 246.3	0.0	R 2,581.3
2009	359.0	R 0.1	29.6	32.3	0.2	NA	NA	62.1	0.4	R 2.1	R 0.1	R 64.8	R 208.4	0.0	R 2,360.3
2010	342.5	R 0.1	31.6	36.8	0.2	NA	NA	68.6	0.4	R 2.6	R (s)	R 71.8	R 199.2	0.5	R 2,276.7
2011	351.7	R 0.1	30.2	35.2	0.6	0.0	0.0	66.0	0.4	R 3.7	R (s)	R 70.2	R 177.4	0.8	R 2,258.8
2012	347.0	R (s)	28.8	33.5	0.4	0.0	0.0	62.8	0.5	R 5.9	R (s)	R 69.2	R 155.2	0.0	R 2,152.5
2013	348.8	R 0.1	32.1	34.4	2.1	0.0	0.0	68.5	0.5	R 7.1	R (s)	R 76.2	R 153.6	1.2	R 2,195.8
2014	329.5	R 0.1	33.6	34.9	2.0	0.0	0.0	70.5	0.5	R 8.2	R 0.1	R 79.3	R 108.0	0.8	R 2,209.6
2015	347.9	R (s)	22.3	35.3	2.2	0.0	(s)	59.9	0.5	R 8.8	R 0.1	R 69.2	R 67.1	0.8	R 2,164.2
2016	312.6	R (s)	22.3	35.9	4.1	0.0	(s)	62.4	0.5	R 9.3	R 0.1	R 72.3	R 36.8	0.5	R 2,122.0
2017	355.9	R (s)	19.0	34.5	3.9	0.0	(s)	57.4	0.5	R 10.6	R 0.1	R 68.6	R 35.0	(s)	R 2,069.6
2018	334.4	R 0.1	19.3	33.6	2.2	0.0	0.0	55.0	0.5	R 11.7	R 0.1	R 67.4	R 61.6	0.1	R 2,168.9
2019	278.1	R 0.1	16.8	33.9	1.7	0.0	0.0	52.4	0.5	R 13.3	R 0.1	R 66.3	R 79.2	0.0	R 2,071.8
2020	279.3	R 0.1	R 15.4	27.2	1.7	0.0	0.0	R 44.3	0.5	R 14.8	R 0.1	R 59.7	R 136.4	0.0	R 1,853.6
2021	R 293.5	R 0.1	R 15.0	30.5	R 1.4	0.0	0.0	R 46.9	0.5	R 15.6	R 0.1	R 63.1	R 142.4	0.0	R 1,957.6
2022	295.3	(s)	14.9	30.6	1.2	0.0	0.0	46.6	0.5	17.8	0.1	65.0	124.2	0.0	2,014.4

^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/>