Table CT3. Total end-use sector energy consumption estimates, selected years, 1960-2022, New Jersey

Year	Coal	Natural gas [a]	Petroleum							Hydro-electric power [g,h]	Biomass		Geo-thermal [h]	Solar [h,k]	Electricity [l]	End use [h,m]	Electrical system energy losses [n]	Total [h,m]
			Distillate fuel oil [b]	HGL [c]	Jet fuel [d]	Motor gasoline [e]	Residual fuel oil	Other [f]	Total		Wood and waste [h,i]	Losses and co-products [j]						
	Thousand short tons	Billion cubic feet	Thousand barrels							Million kilowatt-hours					Million kilowatt-hours			
1960	2,860	114	45,694	3,213	2,125	48,706	31,693	22,984	154,416	10	– –	– –	– –	– –	17,496	– –	– –	– –
1970	892	277	62,171	6,748	6,705	66,231	43,105	25,482	210,443	4	– –	– –	– –	– –	38,184	– –	– –	– –
1980	89	260	50,726	7,383	8,088	72,740	40,697	24,623	204,257	3	– –	– –	– –	– –	49,585	– –	– –	– –
1990	289	380	38,313	4,295	46,377	78,343	12,355	19,140	198,823	0	– –	– –	– –	– –	62,857	– –	– –	– –
2000	13	470	35,899	6,801	36,781	94,729	13,295	26,224	213,729	0	– –	– –	– –	– –	69,977	– –	– –	– –
2005	9	477	39,386	2,420	31,834	103,150	17,906	26,181	220,877	2	– –	– –	– –	– –	81,897	– –	– –	– –
2006	7	417	36,525	1,979	33,726	103,580	16,677	23,824	216,311	1	– –	– –	– –	– –	79,681	– –	– –	– –
2007	3	462	39,421	2,758	36,534	106,074	19,550	25,444	229,780	0	– –	– –	– –	– –	81,934	– –	– –	– –
2008	0	445	35,477	2,455	35,281	103,704	27,170	20,593	224,679	0	– –	– –	– –	– –	80,520	– –	– –	– –
2009	0	457	29,425	2,218	34,420	100,913	11,026	17,146	195,150	0	– –	– –	– –	– –	75,780	– –	– –	– –
2010	0	455	29,734	7,185	18,519	99,974	8,003	15,317	178,732	0	– –	– –	– –	– –	79,179	– –	– –	– –
2011	0	461	32,978	7,228	18,812	98,095	7,047	16,628	180,788	0	– –	– –	– –	– –	76,860	– –	– –	– –
2012	0	426	28,326	6,043	18,406	95,859	6,722	16,521	171,877	0	– –	– –	– –	– –	75,053	– –	– –	– –
2013	0	465	28,697	6,224	19,447	96,167	5,692	15,356	171,584	0	– –	– –	– –	– –	74,642	– –	– –	– –
2014	0	524	31,013	6,422	18,455	96,722	1,846	13,862	168,321	0	– –	– –	– –	– –	73,866	– –	– –	– –
2015	0	462	29,706	6,179	19,225	97,638	3,703	15,488	171,938	0	– –	– –	– –	– –	75,490	– –	– –	– –
2016	0	436	30,502	6,095	19,990	99,948	3,980	R 14,109	R 174,624	0	– –	– –	– –	– –	75,359	– –	– –	– –
2017	0	431	27,509	6,008	21,120	95,371	3,247	R 15,199	R 168,456	0	– –	– –	– –	– –	73,383	– –	– –	– –
2018	0	485	29,288	6,184	21,448	93,290	7,677	R 14,725	R 172,612	0	– –	– –	– –	– –	76,017	– –	– –	– –
2019	0	469	29,051	6,165	21,720	92,762	757	R 15,020	R 165,475	0	– –	– –	– –	– –	73,917	– –	– –	– –
2020	0	427	26,288	6,092	9,854	73,693	5,741	R 12,743	R 134,412	0	– –	– –	– –	– –	71,998	– –	– –	– –
2021	0	450	R 27,072	6,206	14,129	82,007	4,114	R 13,053	R 146,581	0	– –	– –	– –	– –	73,070	– –	– –	– –
2022	0	477	26,996	6,097	17,435	82,093	4,216	13,068	149,904	0	– –	– –	– –	– –	74,443	– –	– –	– –
			Trillion Btu															
1960	73.4	117.8	266.2	12.2	11.5	255.9	199.3	138.4	883.4	R (s)	20.0	NA	NA	NA	59.7	R 1,154.2	R 120.4	R 1,274.6
1970	22.2	284.2	362.1	24.8	37.5	347.9	271.0	152.6	1,196.0	(s)	30.1	NA	NA	NA	130.3	R 1,662.7	R 266.9	R 1,929.6
1980	2.0	268.8	295.5	26.3	45.4	382.1	255.9	146.8	1,152.0	(s)	51.3	NA	NA	NA	169.2	1,635.8	R 359.9	R 1,995.7
1990	7.3	389.5	223.2	15.3	262.6	411.5	77.7	115.8	1,106.0	0.0	21.1	0.0	0.1	0.4	214.5	R 1,730.1	R 519.3	R 2,249.4
2000	0.3	486.9	208.9	24.2	208.5	492.7	83.6	161.9	1,179.9	0.0	15.4	0.0	0.1	0.6	238.8	R 1,915.2	R 562.4	R 2,477.6
2005	0.2	496.5	229.1	9.0	180.5	535.6	112.6	160.7	1,227.5	(s)	4.4	(s)	0.2	R 1.4	279.4	R 2,009.3	R 638.2	R 2,647.5
2006	0.2	431.6	212.0	7.4	191.2	537.1	104.8	146.6	1,199.1	(s)	5.6	(s)	0.2	R 1.6	271.9	R 1,910.1	R 620.6	R 2,530.8
2007	0.1	477.8	228.0	10.2	207.2	545.4	122.9	157.6	1,271.4	0.0	5.6	(s)	0.3	R 1.7	279.6	R 2,036.4	R 618.1	R 2,654.5
2008	0.0	459.9	205.1	9.3	200.0	529.5	170.8	127.2	1,241.9	0.0	5.7	(s)	0.3	R 1.9	274.7	R 1,984.3	R 597.0	R 2,581.3
2009	0.0	469.9	170.0	8.4	195.2	513.6	69.3	106.4	1,062.9	0.0	18.9	0.0	0.4	R 2.1	258.6	R 1,812.4	R 548.9	R 2,361.3
2010	0.0	467.3	171.7	27.6	105.0	506.6	50.3	94.7	955.8	0.0	21.8	0.0	0.4	R 2.6	270.2	R 1,717.8	R 559.7	R 2,277.4
2011	0.0	473.1	190.3	27.7	106.7	496.7	44.3	102.8	968.5	0.0	19.8	0.0	0.4	R 3.4	262.2	R 1,727.3	R 533.5	R 2,260.8
2012	0.0	437.5	163.4	23.2	104.4	485.2	42.3	101.8	920.2	0.0	16.5	0.0	0.5	R 5.0	256.1	R 1,635.7	R 518.7	R 2,154.4
2013	0.0	487.3	165.4	23.9	110.3	486.6	35.8	94.3	916.2	0.0	19.8	0.0	0.5	R 5.9	254.7	R 1,684.3	R 513.7	R 2,198.0
2014	0.0	547.1	178.7	24.6	104.6	489.3	11.6	84.6	893.6	0.0	20.1	0.0	0.5	R 6.8	252.0	R 1,719.7	R 492.2	R 2,211.9
2015	0.0	484.4	171.2	23.7	109.0	493.8	23.3	95.3	916.2	0.0	9.6	(s)	0.5	R 7.1	257.6	R 1,675.1	R 491.1	R 2,166.2
2016	0.0	455.1	175.6	23.4	113.3	505.2	25.0	R 87.9	930.5	0.0	9.2	(s)	0.5	R 7.0	257.1	R 1,659.3	R 465.1	R 2,124.4
2017	0.0	448.8	158.4	23.1	119.8	481.9	20.4	R 95.5	R 899.0	0.0	6.2	(s)	0.5	R 8.0	250.4	R 1,612.9	R 458.2	R 2,071.1
2018	0.0	504.4	168.7	23.7	121.6	471.5	48.3	R 92.5	R 926.3	0.0	6.8	0.0	0.5	R 8.8	259.4	R 1,706.1	R 465.6	R 2,171.7
2019	0.0	487.6	167.3	23.7	123.2	468.6	4.8	R 94.4	R 881.9	0.0	6.1	0.0	0.5	R 9.8	252.2	R 1,638.1	R 436.7	R 2,074.8
2020	0.0	444.8	151.3	23.4	55.9	372.3	36.1	R 80.0	R 718.9	0.0	R 5.5	0.0	0.5	R 10.9	245.7	R 1,426.2	R 430.4	R 1,856.6
2021	0.0	468.2	R 156.0	23.8	80.1	414.1	25.9	R 82.1	R 782.0	0.0	R 5.5	0.0	0.5	R 11.4	249.3	R 1,516.9	R 442.1	R 1,959.0
2022	0.0	495.9	155.6	23.4	98.9	414.5	26.5	82.1	801.0	0.0	10.0	0.0	0.5	13.2	254.0	1,574.5	441.3	2,015.8

[a] Includes supplemental gaseous fuels that are commingled with natural gas.

[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.

[c] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

[d] 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."

[e] Beginning in 1993, includes fuel ethanol blended into motor gasoline.

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

[g] Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.

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

[i] Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

[j] Losses and co-products from the production of biodiesel and fuel ethanol.

[k] Solar thermal and photovoltaic energy.

[l] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

[m] Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by the commercial and industrial sectors. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.

[n] Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

– – = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: · Total end-use sector consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. · 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/