Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2021, New Jersey

Year	Coal	Natural Gas [a]	Petroleum						Hydro-electric Power [e,f]	Biomass		Geo-thermal [f]	Solar [f,i]	Electricity [j]	End Use [f,k]	Electrical System Energy Losses [l]	Total [f,k]
			Distillate Fuel Oil	HGL [b]	Motor Gasoline [c]	Residual Fuel Oil	Other [d]	Total		Wood and Waste [f,g]	Losses and Co-products [h]						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Million kWh				Million kWh				
1960	2,368	28	6,719	2,340	612	18,822	19,486	47,980	10	– –	– –	– –	NA	8,021	– –	– –	– –
1965	1,921	52	8,423	3,438	532	17,049	22,957	52,398	4	– –	– –	– –	NA	11,519	– –	– –	– –
1970	740	80	9,560	5,665	401	22,609	23,681	61,916	4	– –	– –	– –	NA	15,215	– –	– –	– –
1975	67	52	7,963	6,096	233	14,809	22,337	51,439	4	– –	– –	– –	NA	14,562	– –	– –	– –
1980	33	63	7,339	6,429	147	17,694	23,527	55,136	3	– –	– –	– –	NA	16,345	– –	– –	– –
1985	359	81	2,835	5,994	462	4,851	17,293	31,436	3	– –	– –	– –	NA	15,657	– –	– –	– –
1990	276	90	3,453	3,163	460	3,622	17,818	28,516	0	– –	– –	– –	(s)	15,041	– –	– –	– –
1995	13	209	1,994	2,172	602	1,901	21,823	28,492	0	– –	– –	– –	1	13,989	– –	– –	– –
2000	8	88	1,795	4,457	259	590	23,902	31,005	0	– –	– –	– –	1	11,812	– –	– –	– –
2001	6	86	2,434	5,250	962	600	26,902	36,147	0	– –	– –	– –	R 1	12,707	– –	– –	– –
2002	5	80	2,149	5,479	992	292	27,295	36,206	0	– –	– –	– –	2	11,476	– –	– –	– –
2003	7	77	2,152	929	1,074	506	24,396	29,057	0	– –	– –	– –	2	12,215	– –	– –	– –
2004	6	77	3,135	984	1,211	539	23,133	29,001	1	– –	– –	– –	3	11,210	– –	– –	– –
2005	6	75	1,958	670	1,054	430	24,910	29,020	2	– –	– –	– –	R 4	11,862	– –	– –	– –
2006	5	66	2,231	546	1,096	469	22,869	27,211	1	– –	– –	– –	1	11,331	– –	– –	– –
2007	0	63	1,977	770	1,175	512	24,494	28,928	0	– –	– –	– –	2	11,013	– –	– –	– –
2008	0	54	1,838	375	953	315	19,814	23,294	0	– –	– –	– –	3	10,537	– –	– –	– –
2009	0	48	1,960	241	910	241	16,496	19,849	0	– –	– –	– –	R 5	8,250	– –	– –	– –
2010	0	49	1,697	5,211	1,132	76	14,489	R 22,605	0	– –	– –	– –	R 11	8,429	– –	– –	– –
2011	0	50	2,099	5,284	1,110	308	15,813	R 24,613	0	– –	– –	– –	R 23	8,033	– –	– –	– –
2012	0	55	1,901	R 4,620	1,087	272	15,829	R 23,709	0	– –	– –	– –	R 48	7,762	– –	– –	– –
2013	0	61	1,643	R 4,643	1,102	121	14,643	R 22,152	0	– –	– –	– –	63	7,566	– –	– –	– –
2014	0	61	2,085	R 4,663	851	4	13,124	R 20,727	0	– –	– –	– –	73	7,517	– –	– –	– –
2015	0	55	2,137	R 4,700	1,242	0	14,748	R 22,828	0	– –	– –	– –	82	7,320	– –	– –	– –
2016	0	61	2,209	R 4,676	1,252	0	13,379	R 21,517	0	– –	– –	– –	91	7,293	– –	– –	– –
2017	0	54	1,687	R 4,584	1,273	0	R 14,454	R 21,998	0	– –	– –	– –	112	7,343	– –	– –	– –
2018	0	64	1,558	R 4,524	1,298	0	R 13,944	R 21,324	0	– –	– –	– –	131	7,369	– –	– –	– –
2019	0	65	1,725	R 4,585	1,307	0	R 14,312	R 21,929	0	– –	– –	– –	164	6,990	– –	– –	– –
2020	0	59	1,498	R 4,609	1,321	0	R 12,091	R 19,518	0	– –	– –	– –	206	6,735	– –	– –	– –
2021	0	60	1,845	4,674	1,324	0	12,292	20,134	0	– –	– –	– –	209	6,593	– –	– –	– –
			Trillion Btu														
1960	61.2	28.7	39.1	8.9	3.2	118.3	119.0	288.6	0.1	12.8	NA	NA	NA	27.4	418.8	67.7	486.4
1965	49.0	54.6	49.1	13.0	2.8	107.2	137.7	309.8	(s)	17.1	NA	NA	NA	39.3	469.9	93.8	563.7
1970	18.6	81.9	55.7	20.7	2.1	142.1	142.2	362.8	(s)	19.9	NA	NA	NA	51.9	535.2	125.6	660.8
1975	1.6	54.0	46.4	21.5	1.2	93.1	134.2	296.5	(s)	22.6	NA	NA	NA	49.7	424.3	119.2	543.5
1980	0.8	64.9	42.7	22.7	0.8	111.2	140.4	317.8	(s)	18.3	NA	NA	NA	55.8	455.8	134.0	589.8
1985	8.8	83.0	16.5	20.5	2.4	30.5	105.6	175.5	(s)	21.5	0.0	NA	NA	53.4	339.3	122.4	461.7
1990	7.0	92.6	20.1	10.9	2.4	22.8	108.1	164.3	0.0	3.1	0.0	0.0	(s)	51.3	316.2	127.5	443.6
1995	0.3	216.2	11.6	7.5	3.1	12.0	134.3	168.5	0.0	4.5	0.0	0.0	(s)	47.7	434.9	114.7	549.7
2000	0.2	91.6	10.4	15.2	1.3	3.7	148.5	179.3	0.0	5.6	0.0	0.0	(s)	40.3	315.6	95.9	411.5
2001	0.1	89.4	14.2	18.0	5.0	3.8	167.2	208.1	0.0	3.7	0.0	0.0	(s)	43.4	342.7	99.4	442.1
2002	0.1	83.6	12.5	18.8	5.2	1.8	170.2	208.4	0.0	2.6	0.0	0.0	(s)	39.2	333.4	92.1	425.5
2003	0.2	80.4	12.5	3.2	5.6	3.2	149.5	174.0	0.0	2.3	0.0	0.0	(s)	41.7	298.6	97.6	396.2
2004	0.2	80.0	18.2	3.4	6.3	3.4	143.0	174.3	(s)	2.8	(s)	0.0	(s)	38.2	295.5	91.1	386.6
2005	0.1	77.9	11.4	2.3	5.5	2.7	153.3	175.2	(s)	2.8	(s)	0.0	(s)	40.5	296.4	94.2	390.6
2006	0.1	68.0	12.9	1.9	5.7	2.9	141.0	164.5	(s)	4.1	(s)	0.0	(s)	38.7	275.3	89.8	365.1
2007	0.0	65.3	11.4	2.6	6.0	3.2	152.1	175.4	0.0	4.0	(s)	0.0	(s)	37.6	282.2	84.6	366.9
2008	0.0	55.8	10.6	1.3	4.9	2.0	122.7	141.4	0.0	3.9	(s)	0.0	(s)	36.0	237.0	79.7	316.7
2009	0.0	49.9	11.3	0.8	4.6	1.5	102.5	120.8	0.0	3.5	0.0	0.0	R (s)	28.1	202.3	60.9	263.2
2010	0.0	50.6	9.8	20.0	5.7	0.5	89.8	125.8	0.0	5.6	0.0	0.0	0.1	28.8	210.7	60.6	271.4
2011	0.0	51.2	12.1	20.3	5.6	1.9	98.0	137.9	0.0	3.1	0.0	0.0	R 0.2	27.4	219.8	57.2	277.0
2012	0.0	56.3	11.0	17.7	5.5	1.7	97.7	133.6	0.0	3.0	0.0	0.0	0.5	26.5	R 219.9	55.1	R 275.0
2013	0.0	64.4	9.5	17.8	5.6	0.8	90.1	123.7	0.0	3.2	0.0	0.0	0.6	25.8	217.6	53.5	271.1
2014	0.0	64.3	12.0	17.9	4.3	(s)	80.3	114.5	0.0	3.1	0.0	0.0	0.7	25.6	R 208.1	51.2	259.4
2015	0.0	58.0	12.3	R 18.0	6.3	0.0	90.9	127.5	0.0	3.1	(s)	0.0	0.8	25.0	R 214.3	48.4	R 262.7
2016	0.0	63.6	12.7	R 17.9	6.3	0.0	83.5	R 120.5	0.0	3.1	(s)	0.0	0.8	24.9	R 212.9	R 45.8	258.7
2017	0.0	56.6	9.7	17.6	6.4	0.0	91.0	124.8	0.0	0.5	(s)	0.0	1.0	25.1	207.9	46.7	254.6
2018	0.0	66.7	9.0	17.4	6.6	0.0	R 87.9	120.7	0.0	0.6	0.0	0.0	1.2	25.1	214.4	46.3	260.7
2019	0.0	67.7	9.9	17.6	6.6	0.0	90.2	124.3	0.0	0.5	0.0	0.0	1.5	23.9	217.8	42.5	260.3
2020	0.0	61.1	8.6	R 17.7	6.7	0.0	R 76.1	R 109.0	0.0	0.6	0.0	0.0	1.8	23.0	R 195.5	R 42.5	R 238.1
2021	0.0	62.6	10.6	17.9	6.7	0.0	77.6	112.9	0.0	0.7	0.0	0.0	1.8	22.5	200.4	42.1	242.6

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
[c] Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See Technical Notes, Section 4.
[d] Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 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] Losses and co-products from the production of biodiesel and fuel ethanol.
[i] Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
[j] Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
[k] 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 industrial utility-scale facilities.
[l] 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.

kWh = Kilowatthours. – – = 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: Totals may not equal sum of components due to independent rounding. · The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. · The continuity of these data series estimates may be affected by the 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/