

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

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum						Hydro-electric Power ^{e,i} Million kWh	Biomass		Geo-thermal ^f	Solar ^{f,i} Million kWh	Electricity ^j Million kWh	End Use ^{f,k}	Electrical System Energy Losses ^j	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 Barrels														
1960	11,947	72	12,930	325	3,369	22,444	9,888	48,956	341	--	--	--	NA	14,428	--	--	--
1965	13,811	93	16,909	485	3,708	29,213	13,497	63,813	275	--	--	--	NA	23,101	--	--	--
1970	12,125	116	16,810	1,125	3,281	33,696	12,744	67,657	269	--	--	--	NA	27,152	--	--	--
1975	6,125	105	15,761	1,442	1,351	23,039	13,662	55,256	189	--	--	--	NA	27,247	--	--	--
1980	6,699	114	9,339	2,598	1,535	14,815	12,192	40,480	233	--	--	--	NA	32,110	--	--	--
1985	3,723	101	5,378	980	1,224	5,553	12,514	25,648	233	--	--	--	NA	28,659	--	--	--
1990	3,199	102	4,073	657	1,145	4,684	10,972	21,531	129	--	--	--	(s)	31,929	--	--	--
1995	2,791	215	3,071	881	1,126	1,990	10,947	18,014	94	--	--	--	(s)	25,317	--	--	--
2000	2,747	97	3,285	2,308	931	2,005	11,243	19,773	87	--	--	--	(s)	25,838	--	--	--
2001	2,411	85	2,981	1,559	1,741	1,544	12,625	20,451	70	--	--	--	(s)	25,450	--	--	--
2002	1,708	93	2,889	1,145	1,984	1,362	11,434	18,814	67	--	--	--	(s)	25,148	--	--	--
2003	1,583	84	3,050	1,375	2,112	1,584	11,510	19,630	80	--	--	--	(s)	21,745	--	--	--
2004	1,472	79	3,481	1,561	2,145	1,483	14,209	22,878	78	--	--	--	R (s)	20,675	--	--	--
2005	1,510	81	3,371	2,417	2,214	1,337	14,482	23,270	59	--	--	--	1	19,947	--	--	--
2006	1,422	78	3,463	1,754	2,426	1,301	14,004	22,948	87	--	--	--	(s)	14,976	--	--	--
2007	1,313	78	3,625	1,243	2,164	1,461	12,398	20,890	58	--	--	--	(s)	20,213	--	--	--
2008	1,205	81	3,409	753	1,691	1,247	12,438	19,539	69	--	--	--	(s)	14,685	--	--	--
2009	902	73	2,931	583	1,635	485	12,166	17,798	121	--	--	--	(s)	13,417	--	--	--
2010	979	76	2,274	611	2,336	514	9,810	15,545	58	--	--	--	R (s)	13,480	--	--	--
2011	1,008	76	2,809	R 718	1,564	1,244	9,231	15,566	75	--	--	--	1	13,420	--	--	--
2012	909	75	2,502	R 903	2,267	578	9,161	15,411	61	--	--	--	R 2	13,705	--	--	--
2013	816	80	2,274	R 875	2,266	711	8,686	R 14,812	62	--	--	--	3	17,911	--	--	--
2014	714	85	2,001	R 950	2,094	552	8,569	R 14,165	69	--	--	--	5	18,003	--	--	--
2015	723	83	2,031	R 817	2,718	431	9,123	R 15,120	62	--	--	--	10	18,079	--	--	--
2016	521	81	1,872	R 868	2,726	457	9,801	R 15,723	57	--	--	--	13	17,709	--	--	--
2017	496	83	1,904	R 608	2,773	539	R 8,776	R 14,599	70	--	--	--	14	17,811	--	--	--
2018	364	92	1,953	R 665	2,814	406	R 8,612	R 14,450	59	--	--	--	17	18,077	--	--	--
2019	349	91	2,544	R 647	2,829	360	R 8,384	R 14,765	59	--	--	--	23	17,548	--	--	--
2020	158	87	2,330	R 760	2,860	194	R 8,056	R 14,199	57	--	--	--	24	16,610	--	--	--
2021	211	90	2,039	973	2,859	444	8,738	15,054	64	--	--	--	24	16,891	--	--	--

Trillion Btu																	
1960	311.9	74.2	75.3	1.2	17.7	141.1	62.3	297.7	3.7	32.9	NA	NA	NA	49.2	769.5	121.7	891.3
1965	360.1	95.3	98.5	1.8	19.5	183.7	83.3	386.8	2.9	36.3	NA	NA	NA	78.8	960.2	188.2	1,148.3
1970	308.4	118.0	97.9	4.1	17.2	211.8	78.3	409.4	2.8	40.3	NA	NA	NA	92.6	971.6	224.1	1,195.7
1975	155.5	106.2	91.8	5.1	7.1	144.8	83.9	332.7	2.0	37.7	NA	NA	NA	93.0	727.1	223.0	950.1
1980	146.5	116.4	54.4	9.2	8.1	93.1	74.8	239.5	2.4	48.4	NA	NA	NA	109.6	662.3	263.2	925.5
1985	94.8	103.6	31.3	3.4	6.4	34.9	78.5	154.5	2.4	56.7	0.0	NA	NA	97.8	509.5	224.0	733.5
1990	82.6	105.1	23.7	2.3	6.0	29.5	68.7	130.2	1.3	26.6	0.0	0.0	(s)	108.9	454.7	263.7	718.5
1995	72.4	221.2	17.9	3.0	5.9	12.5	69.7	109.0	1.0	20.9	0.0	0.0	(s)	86.4	510.6	188.4	R 699.0
2000	73.5	100.2	19.1	7.9	4.8	12.6	70.8	115.2	0.9	32.1	0.0	0.0	(s)	88.2	410.0	199.6	609.6
2001	63.1	87.9	17.3	5.3	9.1	9.7	79.2	120.7	0.7	17.7	0.0	0.0	(s)	86.8	376.9	191.7	568.6
2002	45.2	95.4	16.3	3.9	10.3	8.6	71.5	111.1	0.7	14.7	0.0	0.0	(s)	85.8	352.2	188.6	540.8
2003	41.9	85.8	10.7	4.7	11.0	10.0	71.9	115.4	0.8	13.9	0.0	0.0	(s)	74.2	332.0	168.4	500.5
2004	38.9	81.1	20.3	5.4	11.1	9.3	88.5	134.6	0.8	17.2	0.0	0.0	(s)	70.5	343.0	162.4	505.5
2005	39.9	83.6	19.6	8.3	11.5	8.4	89.3	137.1	0.6	16.9	0.0	0.0	(s)	68.1	346.2	152.4	498.5
2006	37.1	80.2	20.1	6.0	12.6	8.2	86.1	133.0	0.9	16.6	0.0	0.0	(s)	51.1	318.8	109.4	428.2
2007	34.6	79.8	21.0	4.2	11.1	9.2	76.2	121.7	0.6	16.0	0.2	0.0	(s)	69.0	321.9	140.7	462.6
2008	31.6	82.4	19.7	2.5	8.6	7.8	76.3	115.0	0.7	13.6	4.8	0.0	(s)	50.1	298.3	100.4	398.7
2009	23.6	74.8	16.9	1.9	8.3	3.0	75.6	105.8	1.2	13.0	2.7	0.0	(s)	45.8	266.9	91.9	358.8
2010	25.4	77.8	13.1	2.3	11.8	3.2	62.1	92.7	0.6	17.9	5.7	0.0	(s)	46.0	266.1	93.1	359.2
2011	25.9	77.7	16.2	2.8	7.9	7.8	58.5	93.2	0.7	24.4	7.0	0.0	(s)	45.8	274.6	88.7	363.3
2012	24.2	77.0	14.4	3.5	11.5	3.6	57.5	90.5	0.6	24.4	7.0	0.0	(s)	46.8	270.4	84.3	354.7
2013	21.6	82.9	13.1	3.4	11.5	4.5	55.0	87.4	0.6	23.0	8.5	0.0	(s)	61.1	285.1	R 110.6	395.7
2014	18.7	87.4	11.5	R 3.6	10.6	3.5	54.5	R 83.7	0.7	23.6	7.8	0.0	(s)	61.4	283.4	R 111.4	394.7
2015	19.3	86.1	11.7	R 3.1	13.7	2.7	57.7	R 89.0	0.6	23.9	7.7	0.0	0.1	61.7	R 288.4	R 108.9	397.3
2016	14.0	83.6	13.8	R 3.3	13.8	2.9	61.7	R 92.4	0.5	24.1	8.5	0.0	0.1	60.4	R 283.8	R 106.2	390.8
2017	13.3	85.7	11.0	R 2.3	14.0	3.4	55.5	R 86.2	0.6	24.8	8.2	0.0	0.1	60.8	R 279.8	R 107.4	R 387.1
2018	9.7	94.6	11.2	2.6	14.2	2.6	54.3	R 84.9	0.5	24.0	7.4	0.0	0.2	61.7	R 282.9	R 108.8	R 391.7
2019	8.9	93.4	14.7	R 2.5	14.3	2.3	53.0	86.7	0.5	23.7	7.8	0.0	0.2	59.9	R 281.1	R 103.4	R 384.5
2020	4.0	89.5	13.4	R 2.9	14.4	1.2	R 51.2	R 83.2	0.5	22.5	3.9	0.0	0.2	56.7	R 260.4	R 95.3	355.8
2021	5.4	92.8	11.8	3.7	14.4	2.8	55.8	88.6	0.6	22.6	3.0	0.0	0.2	57.6	270.8	96.3	367.1

^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 = Kilowatt-hours. -- = 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/>