

Table CT1. Energy consumption estimates for selected energy sources in physical units, selected years, 1960-2022, New York

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum							Nuclear electric power	Hydro-electric power ^g Million kilowatthours	Wind	Fuel ethanol ^h Thousand barrels	Biodiesel Thousand barrels
			Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Motor gasoline ^e	Residual fuel oil	Other ^f	Total					
			Thousand barrels											
1960	26,418	419	82,380	2,849	9,411	95,706	77,563	29,628	297,538	0	12,087	0	NA	NA
1965	28,736	545	104,033	3,174	23,620	109,226	104,296	21,674	366,023	727	19,576	0	NA	NA
1970	23,936	711	111,107	4,506	38,338	130,737	152,252	20,395	457,335	4,273	25,051	0	NA	NA
1971	17,593	717	113,875	4,757	39,280	136,999	158,357	21,132	474,401	6,521	25,430	0	NA	NA
1972	14,283	693	119,408	5,303	43,509	140,964	161,435	21,761	492,380	6,465	27,794	0	NA	NA
1973	14,613	683	121,012	5,179	43,403	145,099	169,105	21,696	505,494	7,227	29,364	0	NA	NA
1974	15,146	627	109,483	4,753	38,230	134,343	152,776	20,586	460,171	9,272	28,813	0	NA	NA
1975	12,678	577	105,118	5,188	38,634	133,461	144,721	19,053	446,175	13,111	28,323	0	NA	NA
1976	14,456	596	115,090	5,580	38,574	143,459	152,639	20,575	475,917	15,659	28,845	0	NA	NA
1977	13,519	562	115,468	5,865	39,197	141,083	156,520	20,193	478,327	20,590	25,678	0	NA	NA
1978	12,034	570	113,553	5,928	38,907	144,925	150,720	20,815	474,849	21,701	26,074	0	NA	NA
1979	12,585	624	90,071	5,663	35,746	137,083	127,846	18,282	414,691	18,507	26,483	0	NA	NA
1980	12,503	737	72,559	5,631	35,936	127,422	115,488	15,469	372,505	19,276	26,474	0	NA	NA
1981	12,388	760	64,120	5,215	25,383	129,730	95,745	14,633	334,826	17,444	25,891	0	0	NA
1982	11,514	775	62,116	4,878	4,827	129,867	95,706	13,894	311,288	14,438	25,563	0	0	NA
1983	10,676	720	56,756	4,905	3,790	127,144	76,067	14,783	283,445	16,376	26,395	0	0	NA
1984	11,895	790	65,732	5,056	3,887	113,249	73,011	16,696	277,631	21,187	26,819	0	0	NA
1985	11,944	763	67,766	4,923	3,856	136,330	66,334	17,784	296,994	24,092	27,189	0	0	NA
1986	9,931	729	76,544	4,878	3,738	136,798	79,619	14,462	316,039	22,084	29,713	0	0	NA
1987	11,471	779	81,230	5,474	2,904	142,918	77,490	17,270	327,287	22,926	27,779	0	0	NA
1988	12,956	790	83,567	5,238	4,915	130,449	88,972	19,938	333,081	24,175	24,134	0	0	NA
1989	14,131	846	82,091	5,579	6,047	133,483	85,316	16,132	328,648	22,847	24,818	0	0	NA
1990	13,597	869	73,802	5,606	5,447	139,180	77,242	14,173	315,450	23,623	28,188	0	0	NA
1991	13,641	892	68,063	7,206	5,300	133,311	67,751	14,270	295,902	28,448	27,172	0	0	NA
1992	13,760	1,005	72,742	7,076	5,357	129,064	51,308	14,882	280,429	24,155	28,057	0	0	NA
1993	12,651	994	72,898	6,139	5,131	131,710	47,822	15,257	278,957	26,889	29,443	0	83	NA
1994	12,231	1,066	73,218	6,351	5,729	128,228	40,125	14,525	268,176	28,231	27,791	0	205	NA
1995	11,785	1,260	70,349	6,332	7,697	132,627	30,126	14,018	261,149	26,336	25,993	0	654	NA
1996	12,074	1,200	71,914	7,073	11,532	130,979	36,628	14,348	272,474	35,226	28,951	0	552	NA
1997	12,522	1,324	71,033	6,686	12,138	130,923	29,992	14,114	264,886	29,570	30,618	0	532	NA
1998	12,952	1,233	64,516	7,306	14,800	131,469	35,732	17,011	270,834	31,314	29,316	0	394	NA
1999	12,187	1,274	71,969	7,316	9,122	133,621	35,353	17,643	275,024	37,019	24,752	0	341	NA
2000	12,612	1,245	79,039	9,850	9,516	132,831	42,349	15,988	289,574	31,508	24,910	10	377	NA
2001	11,783	1,172	82,878	7,111	14,655	133,724	37,090	17,194	292,651	40,395	23,084	21	107	22
2002	10,908	1,200	76,684	7,613	15,428	136,664	31,110	14,979	282,478	39,617	25,048	82	95	14
2003	11,314	1,102	91,548	7,771	17,268	138,010	46,578	14,955	316,129	40,679	24,269	41	549	18
2004	11,335	1,098	95,300	8,639	19,300	137,391	51,469	18,701	330,800	40,640	23,990	116	7,024	37
2005	10,739	1,080	86,630	8,261	20,016	137,355	52,150	20,911	325,323	42,443	25,783	103	2,322	124
2006	10,979	1,097	75,871	7,152	20,341	140,020	25,526	17,960	286,871	42,224	27,345	655	6,057	356
2007	11,058	1,187	78,850	7,345	19,977	139,140	28,975	15,583	289,871	42,453	25,253	833	7,615	482
2008	10,157	1,180	73,289	8,536	21,658	136,105	24,204	14,618	278,410	43,209	26,723	1,251	9,966	414
2009	7,032	1,143	64,154	8,344	16,760	135,921	24,060	14,423	263,662	43,485	27,615	2,266	12,023	439
2010	7,367	1,198	60,987	8,138	40,612	138,087	22,234	12,881	282,940	41,870	25,472	2,596	13,488	355
2011	5,604	1,217	60,439	7,689	40,836	130,718	14,517	11,497	265,695	42,695	27,997	2,828	12,758	1,209
2012	3,137	1,223	61,030	6,869	41,117	127,902	10,262	10,412	257,592	40,775	24,652	2,992	12,640	1,221
2013	3,041	1,273	56,594	7,657	43,669	127,461	11,032	9,967	256,380	44,756	24,973	3,539	12,759	1,132
2014	2,867	1,349	59,002	9,230	44,771	131,943	11,396	10,275	266,616	43,039	26,087	3,968	13,129	1,180
2015	1,761	1,353	62,971	8,609	47,059	129,909	7,582	10,603	266,732	44,603	26,015	3,977	12,874	1,259
2016	1,175	1,296	57,242	8,516	49,823	134,799	6,358	R 11,425	R 268,163	41,571	26,888	3,940	13,433	1,438
2017	738	1,237	56,280	8,459	51,669	136,414	5,202	R 10,275	R 268,298	42,167	30,145	4,136	13,790	1,495
2018	635	1,350	63,298	9,953	50,139	137,758	5,474	R 10,054	R 276,675	42,919	29,630	3,998	14,005	1,709
2019	536	1,296	61,140	10,276	50,730	135,872	2,269	R 9,999	R 270,287	44,865	30,621	4,456	13,937	1,845
2020	222	1,264	51,718	9,931	23,669	112,676	2,416	R 9,515	R 209,925	38,430	29,550	4,522	11,610	1,506
2021	211	R 1,317	R 61,326	10,401	30,745	124,180	R 4,371	R 11,150	R 242,175	31,177	28,765	4,156	12,897	R 1,824
2022	241	1,360	66,505	10,188	42,323	121,972	5,247	10,038	256,273	26,812	27,432	4,568	12,703	1,950

^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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes. See technical notes.
^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 Includes 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.
 NA = Not available.
 Where shown, R = Revised data and (s) = Value less than 0.5.
 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/>

NEW YORK
Table CT2. Primary energy consumption estimates, selected years, 1960-2022, New York
(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	691.7	434.1	479.9	10.9	52.6	502.7	487.6	166.2	1,700.0	2,825.9	434.1	479.9	502.7	
1965	755.2	558.7	606.0	12.2	133.2	573.8	655.7	128.6	2,109.5	3,423.3	558.7	606.0	573.8	
1970	598.9	725.8	647.2	17.1	216.7	686.8	957.2	122.0	2,647.0	3,971.8	725.8	647.2	686.8	
1971	435.7	731.6	663.3	18.0	222.1	719.7	995.6	126.4	2,745.1	3,912.3	731.6	663.3	719.7	
1972	355.4	707.3	695.5	20.1	246.1	740.5	1,014.9	130.1	2,847.2	3,909.9	707.3	695.5	740.5	
1973	369.3	703.0	704.9	19.5	245.5	762.2	1,063.2	131.4	2,926.8	3,999.1	703.0	704.9	762.2	
1974	374.2	641.9	637.7	17.9	216.2	705.7	960.5	124.4	2,662.4	3,678.6	641.9	637.7	705.7	
1975	312.5	585.5	612.3	19.5	218.5	701.1	909.9	114.7	2,575.9	3,473.9	585.5	612.3	701.1	
1976	363.8	604.3	670.4	20.9	218.2	753.6	959.6	123.3	2,746.1	3,714.2	604.3	670.4	753.6	
1977	336.9	567.9	672.6	21.9	221.7	741.1	984.0	121.4	2,762.7	3,667.4	567.9	672.6	741.1	
1978	297.3	576.5	661.4	21.9	220.1	761.3	947.6	125.3	2,737.6	3,611.4	576.5	661.4	761.3	
1979	315.2	633.6	524.7	21.0	202.2	720.1	803.8	110.4	2,382.1	3,330.8	633.6	524.7	720.1	
1980	313.7	752.6	422.7	20.8	203.3	669.3	726.1	93.5	2,135.7	3,202.0	752.6	422.7	669.3	
1981	308.7	770.9	373.5	19.3	143.5	681.5	602.0	89.9	1,909.6	2,989.1	770.9	373.5	681.5	
1982	289.0	790.7	361.8	18.0	27.0	682.2	601.7	85.2	1,776.0	2,855.6	790.7	361.8	682.2	
1983	268.0	738.2	330.6	18.3	21.1	667.9	478.2	90.3	1,606.4	2,612.6	738.2	330.6	667.9	
1984	299.9	809.5	382.9	18.8	21.5	594.9	459.0	100.6	1,577.7	2,687.1	809.5	382.9	594.9	
1985	301.4	782.9	394.7	18.5	21.4	716.1	417.0	108.6	1,676.4	2,760.6	782.9	394.7	716.1	
1986	253.3	749.2	445.9	18.4	20.8	718.6	500.6	89.0	1,793.2	2,795.8	749.2	445.9	718.6	
1987	294.3	801.5	473.2	20.7	16.0	750.7	487.2	105.7	1,853.6	2,949.4	801.5	473.2	750.7	
1988	333.0	812.4	486.8	19.9	27.4	685.3	559.4	122.4	1,901.0	3,046.4	812.4	486.8	685.3	
1989	363.8	869.7	478.2	21.2	33.8	701.2	536.4	97.8	1,868.6	3,102.0	869.7	478.2	701.2	
1990	349.8	895.0	429.9	21.3	30.4	731.1	485.6	87.3	1,785.6	3,030.3	895.0	429.9	731.1	
1991	352.3	916.5	396.5	27.2	29.6	700.3	426.0	88.4	1,667.9	2,936.7	916.5	396.5	700.3	
1992	356.0	1,032.7	423.7	26.8	29.9	678.0	322.6	92.7	1,573.6	2,962.3	1,032.7	423.7	678.0	
1993	326.2	1,021.5	424.6	23.2	28.7	686.8	300.7	95.5	1,559.5	2,907.2	1,021.5	424.6	686.8	
1994	316.7	1,094.1	426.1	24.1	32.3	667.9	252.3	90.7	1,493.4	2,904.2	1,094.1	426.1	667.9	
1995	305.3	1,293.9	409.4	24.0	43.6	687.9	189.4	87.5	1,441.9	3,041.0	1,293.9	409.4	687.9	
1996	311.8	1,229.5	418.5	26.7	65.4	680.6	230.3	88.7	1,510.2	3,051.5	1,229.5	418.5	680.6	
1997	325.2	1,357.2	413.4	25.1	68.8	679.6	188.6	87.4	1,462.9	3,145.3	1,357.2	413.4	679.6	
1998	337.4	1,266.3	375.4	27.4	83.9	682.7	224.6	104.6	1,498.6	3,102.4	1,266.3	375.4	682.7	
1999	318.0	1,308.2	418.8	27.4	51.7	693.9	222.3	108.4	1,522.5	3,148.7	1,308.2	418.8	693.9	
2000	330.8	1,278.8	459.9	36.9	54.0	689.5	266.2	98.2	1,604.7	3,214.4	1,278.8	459.9	689.5	
2001	307.0	1,204.9	482.3	26.7	83.1	695.1	233.2	105.4	1,625.7	3,137.6	1,204.9	482.3	695.1	
2002	280.6	1,227.2	446.2	28.8	87.5	710.2	195.6	92.0	1,560.2	3,068.0	1,227.2	446.2	710.2	
2003	286.2	1,131.3	532.7	29.3	97.9	715.3	292.8	91.9	1,760.0	3,177.5	1,131.3	532.7	715.3	
2004	276.5	1,126.6	554.5	32.5	109.4	689.5	323.6	114.2	1,823.7	3,226.8	1,126.6	554.5	689.5	
2005	256.9	1,107.2	504.0	30.7	113.5	705.1	327.9	126.0	1,807.2	3,171.3	1,107.2	504.0	705.1	
2006	256.3	1,120.2	440.3	26.7	115.3	705.0	160.5	108.9	1,556.8	2,933.3	1,120.2	440.3	705.0	
2007	258.4	1,214.3	456.1	27.7	113.3	689.1	182.2	94.6	1,562.8	3,035.6	1,214.3	456.1	689.1	
2008	229.0	1,205.1	423.6	32.4	122.8	660.4	152.2	89.0	1,480.4	2,914.5	1,205.1	423.6	660.4	
2009	156.0	1,166.6	368.9	31.7	95.0	650.2	151.3	88.7	1,385.8	2,708.4	1,166.6	368.9	650.2	
2010	167.1	1,224.5	351.0	31.3	230.3	652.9	139.8	79.9	1,485.2	2,876.8	1,224.5	351.0	652.9	
2011	125.2	1,247.8	345.8	29.5	231.5	617.6	91.3	71.6	1,387.4	2,760.3	1,247.8	345.8	617.6	
2012	72.9	1,260.9	348.9	26.4	233.1	603.6	64.5	64.9	1,341.4	2,675.3	1,260.9	348.9	603.6	
2013	68.7	1,315.3	320.9	29.4	247.6	600.7	69.4	62.5	1,330.5	2,714.5	1,315.3	320.9	600.7	
2014	64.7	1,392.4	334.7	35.5	253.9	621.9	71.6	64.5	1,382.1	2,839.1	1,392.4	334.7	621.9	
2015	41.2	1,396.7	357.0	33.1	266.8	612.2	47.7	66.4	1,383.3	2,821.2	1,396.7	357.0	612.2	
2016	29.7	1,336.5	321.1	32.7	282.5	634.8	40.0	71.2	1,382.2	2,748.3	1,336.5	321.1	634.8	
2017	19.6	1,276.9	316.0	32.5	293.0	641.4	32.7	R 64.4	R 1,379.9	R 2,676.3	1,276.9	316.0	641.4	
2018	16.7	1,393.7	357.0	38.2	284.3	647.4	34.4	R 62.8	R 1,424.1	R 2,834.5	1,393.7	357.0	647.4	
2019	13.6	1,337.7	345.5	39.5	287.6	637.9	14.3	R 62.5	R 1,387.2	R 2,738.6	1,337.7	345.5	637.9	
2020	5.7	1,305.3	290.9	38.1	134.2	528.9	15.2	R 59.7	R 1,067.1	R 2,378.1	1,305.3	290.9	528.9	
2021	5.4	R 1,359.4	R 350.2	40.0	174.3	582.2	27.5	R 69.5	R 1,238.0	R 2,602.8	R 1,359.4	R 350.2	582.2	
2022	6.1	1,402.2	379.7	39.1	240.0	571.6	33.0	62.6	1,319.9	2,728.3	1,402.2	379.7	571.6	

^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 York (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						Geothermal ^f	Solar ^{fj}	Wind	Total ^f			
			Wood and waste ^{fg}	Fuel ethanol ^h	Biodiesel	Renewable diesel	Losses and co-products ⁱ	Total ^f							
1960	0.0	R 41.2	59.3	NA	NA	NA	NA	59.3	0.0	NA	NA	R 100.5	R -24.7	12.4	R 2,914.1
1965	8.6	R 66.8	58.1	NA	NA	NA	NA	58.1	0.0	NA	NA	R 124.9	R 9.8	1.7	R 3,568.4
1970	46.9	R 85.5	62.6	NA	NA	NA	NA	62.6	0.0	NA	NA	R 148.1	R 20.5	3.2	R 4,190.4
1971	70.7	R 86.8	60.2	NA	NA	NA	NA	60.2	0.0	NA	NA	R 146.9	R 0.6	2.9	R 4,133.4
1972	69.8	R 94.8	59.5	NA	NA	NA	NA	59.5	0.0	NA	NA	R 154.3	R 16.1	5.4	R 4,155.5
1973	78.8	R 100.2	59.6	NA	NA	NA	NA	59.6	0.0	NA	NA	R 159.8	R 60.2	7.8	R 4,305.7
1974	103.5	R 98.3	62.1	NA	NA	NA	NA	62.1	0.0	NA	NA	R 160.4	R 52.8	10.6	R 4,005.8
1975	144.4	R 96.6	60.2	NA	NA	NA	NA	60.2	0.0	NA	NA	R 156.8	R 26.5	5.6	R 3,807.2
1976	173.0	R 98.4	69.3	NA	NA	NA	NA	69.3	0.0	NA	NA	R 167.7	R 53.8	8.3	R 4,116.9
1977	221.7	R 87.6	74.2	NA	NA	NA	NA	74.2	0.0	NA	NA	R 161.8	R 50.1	10.5	R 4,111.6
1978	237.4	R 89.0	84.7	NA	NA	NA	NA	84.7	0.0	NA	NA	R 173.7	R 53.8	16.6	R 4,093.0
1979	201.3	R 90.4	94.2	NA	NA	NA	NA	94.2	0.0	NA	NA	R 184.5	R 113.7	40.7	R 3,871.1
1980	210.3	R 90.3	129.7	NA	NA	NA	NA	129.7	0.0	NA	NA	R 220.0	R 106.1	24.5	R 3,762.8
1981	192.4	R 88.3	143.3	0.0	NA	NA	NA	143.3	0.0	NA	NA	R 231.6	R 116.5	48.1	R 3,577.8
1982	159.9	R 87.2	130.2	0.0	NA	NA	NA	130.2	0.0	NA	NA	R 217.4	R 130.8	51.6	R 3,415.4
1983	178.6	R 90.1	158.2	0.0	NA	NA	NA	158.2	0.0	NA	NA	R 248.3	R 120.9	69.2	R 3,229.5
1984	229.7	R 91.5	129.6	0.0	NA	NA	NA	129.6	0.0	0.0	0.0	R 221.1	R 79.6	71.4	R 3,288.9
1985	255.9	R 92.8	131.5	0.0	NA	NA	NA	131.5	0.0	0.0	0.0	R 224.3	R 107.8	59.0	R 3,407.6
1986	233.6	R 101.4	118.8	0.0	NA	NA	NA	118.8	0.0	0.0	0.0	R 220.1	R 147.8	52.8	R 3,450.1
1987	239.4	R 94.8	110.6	0.0	NA	NA	NA	110.6	0.0	0.0	0.0	R 205.4	R 121.5	52.8	R 3,568.4
1988	256.3	R 82.3	116.5	0.0	NA	NA	NA	116.5	0.0	0.0	0.0	R 198.8	R 125.5	41.6	R 3,668.6
1989	241.8	R 84.7	119.8	0.0	NA	NA	NA	119.8	0.1	0.3	0.0	R 204.8	R 108.7	15.5	R 3,672.8
1990	250.0	R 96.2	97.4	0.0	NA	NA	NA	97.4	0.1	0.3	0.0	R 193.9	R 91.4	2.4	R 3,568.1
1991	298.3	R 92.7	95.1	0.0	NA	NA	NA	95.1	0.1	0.3	0.0	R 188.2	R 75.3	10.4	R 3,508.9
1992	252.9	R 95.7	104.5	0.0	NA	NA	NA	104.5	0.1	0.3	0.0	R 200.7	R 162.3	10.4	R 3,588.6
1993	282.4	R 100.5	117.3	0.3	NA	NA	NA	117.6	0.1	0.3	0.0	R 218.5	R 177.9	18.9	R 3,605.0
1994	305.5	R 94.8	122.0	0.7	NA	NA	NA	122.7	0.2	0.4	0.0	R 218.1	R 86.5	43.6	R 3,557.9
1995	276.7	R 88.7	122.6	2.3	NA	NA	NA	124.9	0.2	R 0.4	0.0	R 214.2	R 47.6	30.4	R 3,609.9
1996	370.0	R 98.8	139.2	1.9	NA	NA	NA	141.1	0.2	0.5	0.0	R 240.6	R 49.4	24.1	R 3,735.5
1997	310.3	R 104.5	177.7	1.8	NA	NA	NA	179.5	0.2	0.5	0.0	R 284.8	R 54.3	5.3	R 3,800.0
1998	328.5	R 100.0	159.0	1.4	NA	NA	NA	160.4	0.3	R 0.5	0.0	R 261.3	R 43.5	2.8	R 3,738.5
1999	386.8	R 84.5	165.2	1.2	NA	NA	NA	166.3	0.3	R 0.5	0.0	R 251.6	R 96.5	3.3	R 3,887.0
2000	328.6	R 85.0	174.1	1.3	NA	NA	NA	175.4	0.3	R 0.5	R (s)	R 261.3	R 132.2	29.6	R 3,966.1
2001	421.8	R 78.8	111.1	0.4	0.1	NA	NA	111.6	0.3	R 0.5	R 0.1	R 191.3	R 82.6	26.5	R 3,859.8
2002	413.7	R 85.5	107.4	0.3	0.1	NA	NA	107.8	0.4	R 0.5	R 0.3	R 194.5	R 140.8	37.4	R 3,854.4
2003	424.0	R 82.8	110.2	1.9	0.1	NA	NA	112.2	0.5	R 0.5	R 0.1	R 196.1	R 176.4	18.7	R 3,992.8
2004	423.8	R 81.9	116.2	24.4	0.2	NA	NA	140.8	0.5	R 0.6	R 0.4	R 224.2	R 202.0	17.7	R 4,094.5
2005	442.9	R 88.0	105.2	8.1	0.7	NA	NA	114.0	0.6	0.8	R 0.4	R 203.7	R 134.8	24.8	R 3,977.6
2006	440.6	R 93.3	99.2	21.0	1.9	NA	NA	122.1	0.7	R 0.9	R 2.2	R 219.3	R 61.5	34.1	R 3,688.7
2007	445.3	R 86.2	103.4	26.4	2.6	NA	NA	132.7	0.7	R 1.1	R 2.8	R 223.4	R 44.4	38.5	R 3,787.2
2008	451.6	R 91.2	109.3	34.6	2.2	NA	NA	150.9	0.8	R 1.2	R 4.3	R 248.4	R 33.0	45.4	R 3,692.9
2009	454.8	R 94.2	69.0	41.6	2.4	NA	NA	115.7	1.0	R 1.2	R 7.7	R 219.8	R 88.7	33.4	R 3,505.2
2010	437.6	R 86.9	74.9	46.8	1.9	NA	NA	129.2	1.1	R 1.4	R 8.9	R 227.4	R 125.0	24.0	R 3,690.8
2011	446.8	R 95.5	78.3	44.2	6.5	0.0	0.0	136.0	1.3	R 1.5	R 9.6	R 243.9	R 73.5	35.7	R 3,560.2
2012	427.3	R 84.1	75.0	43.8	6.5	0.0	7.0	132.4	1.2	R 1.9	R 10.2	R 229.8	R 26.3	56.4	R 3,415.0
2013	467.7	R 85.2	82.2	44.3	6.1	0.0	8.5	141.0	1.2	R 2.2	R 12.1	R 241.6	R 58.0	61.4	R 3,543.2
2014	450.1	R 89.0	85.7	45.6	6.3	0.0	7.8	145.4	1.2	R 2.7	R 13.5	R 251.9	R 56.0	54.9	R 3,652.1
2015	466.5	R 88.8	R 100.8	44.7	6.7	0.0	7.7	R 160.0	1.2	R 3.7	R 13.6	R 267.2	R 42.0	59.0	R 3,655.8
2016	434.8	R 91.7	R 94.7	46.6	7.7	0.0	8.5	R 157.6	1.2	R 4.8	R 13.4	R 268.7	R 64.2	61.2	R 3,577.2
2017	441.0	R 102.9	R 95.6	47.9	8.0	0.0	8.2	R 159.8	1.2	R 6.0	R 14.1	R 283.9	R 102.6	56.1	R 3,560.0
2018	448.7	R 101.1	R 98.9	48.8	9.2	R 0.1	7.4	R 164.4	1.2	R 7.5	R 13.6	R 287.8	R 111.3	53.1	R 3,735.4
2019	468.5	R 104.5	R 95.9	48.5	9.9	0.0	7.8	R 162.2	1.2	R 9.5	R 15.2	R 292.5	R 85.8	49.1	R 3,634.5
2020	401.4	R 100.8	R 81.1	40.4	8.1	0.0	3.9	R 133.4	1.2	R 12.0	R 15.4	R 262.8	R 55.4	47.7	R 3,145.5
2021	R 325.1	R 98.1	R 82.3	44.9	R 8.8	0.0	3.0	R 140.0	1.2	R 14.5	R 14.2	R 268.1	R 106.7	46.9	R 3,349.6
2022	279.6	93.6	83.4	44.2	10.5	0.0	3.0	141.0	1.2	19.3	15.6	270.7	132.4	41.7	3,452.7

^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/>

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

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum							Hydro-electric power ^{g,h} Million kilowatt-hours	Biomass			Solar ^{h,k} Million kilowatt-hours	Electricity ^l End use ^{h,m} Million kilowatt-hours	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	Geo-thermal ^h				
1960	14,115	362	81,840	2,849	9,411	95,706	67,712	29,628	287,146	341	--	--	--	46,516	--	--	
1970	12,811	605	107,968	4,506	38,338	130,737	95,465	20,395	397,408	269	--	--	--	87,800	--	--	
1980	6,057	613	71,830	5,631	35,916	127,422	51,590	15,469	307,858	233	--	--	--	105,310	--	--	
1990	3,472	640	72,707	5,606	5,447	139,180	23,442	14,173	260,555	136	--	--	--	129,324	--	--	
2000	2,848	871	76,687	9,850	9,516	132,831	19,560	15,721	264,165	91	--	--	--	142,027	--	--	
2005	1,670	776	85,056	8,261	20,016	137,355	17,086	18,655	286,428	63	--	--	--	150,148	--	--	
2006	1,562	709	75,250	7,152	20,341	140,020	15,772	17,100	275,635	93	--	--	--	142,238	--	--	
2007	1,445	779	77,478	7,345	19,977	139,140	17,248	15,087	276,275	62	--	--	--	148,178	--	--	
2008	1,273	781	72,480	8,536	21,658	136,105	19,269	14,256	272,304	69	--	--	--	144,053	--	--	
2009	924	774	63,418	8,344	16,760	135,921	20,799	14,124	259,366	125	--	--	--	140,034	--	--	
2010	982	773	60,350	8,138	40,612	138,087	20,443	11,968	279,600	61	--	--	--	144,624	--	--	
2011	1,012	783	60,108	7,689	40,836	130,718	13,491	11,028	263,869	80	--	--	--	144,047	--	--	
2012	909	724	60,638	6,869	41,117	127,902	9,802	10,412	256,740	64	--	--	--	143,163	--	--	
2013	816	817	56,091	7,657	43,669	127,461	10,150	9,967	254,995	67	--	--	--	147,895	--	--	
2014	714	896	58,169	9,230	44,771	131,943	9,168	10,275	263,556	71	--	--	--	147,372	--	--	
2015	723	882	62,135	8,609	47,059	129,909	5,640	10,603	263,954	66	--	--	--	148,914	--	--	
2016	521	824	56,898	8,516	49,823	134,799	5,734	R 11,425	R 267,194	61	--	--	--	147,803	--	--	
2017	496	852	56,016	8,459	51,669	136,414	4,560	R 10,275	R 267,393	76	--	--	--	144,992	--	--	
2018	364	935	62,508	9,953	50,139	137,758	3,858	R 10,054	R 274,270	65	--	--	--	149,930	--	--	
2019	349	918	60,759	10,276	50,730	135,872	1,908	R 9,999	R 269,545	66	--	--	--	145,600	--	--	
2020	158	840	R 51,538	9,931	23,669	112,676	2,203	R 9,515	R 209,533	63	--	--	--	140,407	--	--	
2021	211	870	R 61,118	10,401	30,745	124,180	3,526	R 11,150	R 241,121	72	--	--	--	141,424	--	--	
2022	241	884	65,447	10,188	42,323	121,972	3,613	10,038	253,581	45	--	--	--	143,211	--	--	

Trillion Btu

1960	365.7	374.3	476.7	10.9	52.6	502.7	425.7	166.2	1,635.0	R 1.2	59.3	NA	NA	NA	158.7	R 2,594.0	R 320.0	R 2,914.1
1970	324.6	617.4	628.9	17.1	216.7	686.8	600.2	122.0	2,271.7	R 0.9	62.6	NA	NA	NA	299.6	R 3,576.8	R 613.6	R 4,190.4
1980	154.9	627.0	418.4	20.8	203.2	669.3	324.3	93.5	1,729.6	R 0.8	129.5	NA	NA	NA	359.3	R 2,998.5	R 764.4	R 3,762.8
1990	89.4	658.6	423.5	21.3	30.4	731.1	147.4	87.3	1,441.0	R 0.5	69.0	0.0	0.1	0.3	441.3	R 2,699.7	R 868.3	R 3,568.1
2000	76.1	899.6	446.2	36.9	54.0	690.9	123.0	96.5	1,447.4	R 0.3	132.7	0.0	0.3	R 0.5	484.6	R 3,041.0	R 925.1	R 3,966.1
2005	43.9	796.6	494.9	30.7	113.5	713.1	107.4	113.1	1,572.8	R 0.2	78.0	0.0	0.6	0.8	512.3	R 3,005.8	R 971.8	R 3,977.6
2006	40.5	724.7	436.7	26.7	115.3	726.0	99.2	104.0	1,507.9	R 0.3	71.4	0.0	0.7	R 0.9	485.3	R 2,833.7	R 855.0	R 3,688.7
2007	37.9	797.5	448.1	27.7	113.3	715.5	108.4	91.7	1,504.7	R 0.2	75.9	0.2	0.7	R 1.1	505.6	R 2,926.4	R 860.9	R 3,787.2
2008	33.3	797.9	418.9	32.4	122.8	695.0	121.1	86.9	1,477.1	R 0.2	79.8	4.8	0.8	R 1.2	491.5	R 2,888.9	R 804.0	R 3,692.9
2009	24.1	791.0	366.4	31.7	95.0	691.8	130.8	87.0	1,402.7	R 0.4	37.5	2.7	1.0	R 1.2	477.8	R 2,738.5	R 766.1	R 3,504.6
2010	25.5	790.8	348.5	31.3	230.3	699.7	128.5	74.7	1,513.0	R 0.2	43.6	5.7	1.1	R 1.4	493.5	R 2,874.7	R 815.3	R 3,690.1
2011	26.0	804.2	346.8	29.5	231.5	661.8	84.8	69.0	1,423.5	R 0.3	49.2	7.0	1.3	R 1.5	491.5	R 2,804.4	R 752.2	R 3,556.6
2012	24.2	747.3	349.7	26.4	233.1	647.4	61.6	64.9	1,383.2	R 0.2	48.3	7.0	1.2	R 1.7	488.5	R 2,701.5	R 710.0	R 3,411.5
2013	21.6	845.8	323.3	29.4	247.6	645.0	63.8	62.5	1,371.6	R 0.2	52.4	8.5	1.2	R 2.0	504.6	R 2,807.8	R 734.6	R 3,542.4
2014	18.7	926.3	335.2	35.5	253.9	667.5	57.6	64.5	1,414.1	R 0.2	53.4	7.8	1.2	R 2.5	502.8	R 2,927.2	R 723.9	R 3,651.0
2015	19.3	910.7	358.0	33.1	266.8	656.9	35.5	66.4	1,416.7	R 0.2	R 71.0	7.7	1.2	R 3.3	508.1	R 2,938.3	R 716.6	R 3,654.9
2016	14.0	850.0	327.6	32.7	282.5	681.4	36.0	71.2	1,431.4	R 0.2	R 63.7	8.5	1.2	R 4.3	504.3	R 2,877.6	R 700.3	R 3,578.0
2017	13.3	879.5	322.5	32.5	293.0	689.3	28.7	R 64.4	R 1,430.3	R 0.3	R 63.5	8.2	1.2	R 5.4	494.7	R 2,896.4	R 663.6	R 3,560.0
2018	9.7	965.6	360.0	38.2	284.3	696.2	24.3	R 62.8	R 1,465.8	R 0.2	R 68.8	7.4	1.2	R 6.5	511.6	R 3,036.8	R 696.9	R 3,733.7
2019	8.9	947.3	349.9	39.5	287.6	686.4	12.0	R 62.5	R 1,437.9	R 0.2	R 68.7	7.8	1.2	R 7.7	496.8	R 2,976.5	R 654.7	R 3,631.2
2020	4.0	868.5	296.7	38.1	134.2	569.2	13.9	R 59.7	R 1,111.8	R 0.2	R 53.9	3.9	1.2	R 9.2	479.1	R 2,531.9	R 612.3	R 3,144.2
2021	5.4	R 897.9	R 352.3	40.0	174.3	627.1	22.2	R 69.5	R 1,285.3	R 0.2	R 55.9	3.0	1.2	R 10.6	482.5	R 2,742.0	R 606.7	R 3,348.7
2022	6.1	912.9	377.3	39.1	240.0	615.8	22.7	62.6	1,357.6	0.2	67.9	3.0	1.2	13.3	488.6	2,850.0	602.0	3,452.0

^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/>

Table CT4. Residential sector energy consumption estimates, selected years, 1960-2022, New York

Year	Coal ^a Thousand short tons	Natural gas ^b Billion cubic feet	Petroleum				Biomass	Electricity ^g Million kilowatthours	End use ^{e,h}	Electrical system energy losses ⁱ	Total ^{e,h}	
			Distillate fuel oil	HGL ^c	Kerosene	Total						
	Thousand barrels				Wood ^d	Geothermal ^e	Solar ^{e,f}					
1960	1,158	225	44,927	1,952	4,174	51,054	--	--	--	12,496	--	--
1965	735	288	57,623	2,065	4,161	63,849	--	--	--	17,027	--	--
1970	373	347	60,128	2,550	5,581	68,259	--	--	--	25,492	--	--
1975	128	327	55,966	2,820	3,746	62,533	--	--	--	28,710	--	--
1980	75	334	37,690	2,301	1,723	41,714	--	--	--	30,583	--	--
1985	95	320	34,608	2,958	3,219	40,784	--	--	--	32,757	--	--
1990	55	338	31,520	3,739	1,765	37,023	--	--	--	38,574	--	--
1995	29	375	28,624	4,139	1,240	34,004	--	--	--	39,887	--	--
2000	11	400	35,229	5,693	2,344	43,266	--	--	--	43,018	--	--
2005	13	406	35,054	4,661	2,203	41,917	--	--	--	50,533	--	--
2006	13	356	26,797	4,155	1,803	32,755	--	--	--	48,427	--	--
2007	13	400	30,101	4,771	1,318	36,190	--	--	--	50,241	--	--
2008	0	394	28,139	5,885	661	34,685	--	--	--	49,034	--	--
2009	0	405	20,755	5,940	973	27,668	--	--	--	48,246	--	--
2010	0	390	19,781	5,781	999	26,561	--	--	--	50,946	--	--
2011	0	394	18,454	5,146	726	24,327	--	--	--	51,240	--	--
2012	0	358	21,943	4,381	365	26,689	--	--	--	50,692	--	--
2013	0	416	18,199	5,051	394	23,644	--	--	--	50,777	--	--
2014	0	458	19,682	6,463	672	26,817	--	--	--	49,975	--	--
2015	0	452	21,140	5,849	458	27,448	--	--	--	51,013	--	--
2016	0	412	15,511	5,529	602	21,642	--	--	--	50,831	--	--
2017	0	433	14,519	5,698	402	20,619	--	--	--	49,081	--	--
2018	0	486	18,696	7,098	376	26,170	--	--	--	52,153	--	--
2019	0	474	18,350	7,361	576	26,287	--	--	--	50,141	--	--
2020	0	437	13,495	6,652	551	20,699	--	--	--	52,257	--	--
2021	0	446	17,739	6,656	440	24,836	--	--	--	52,157	--	--
2022	0	450	17,968	6,300	396	24,663	--	--	--	52,227	--	--

Trillion Btu													
1960	28.6	232.5	261.7	7.5	23.7	292.9	25.9	NA	NA	42.6	622.5	R 86.0	R 708.4
1965	17.9	295.0	335.7	7.9	23.6	367.2	21.4	NA	NA	58.1	759.6	R 114.3	R 873.9
1970	8.8	353.8	350.2	9.8	31.6	391.7	21.9	NA	NA	87.0	863.2	R 178.2	R 1,041.3
1975	2.9	332.2	326.0	10.8	21.2	358.1	22.1	NA	NA	98.0	813.2	R 200.0	R 1,013.2
1980	1.8	341.5	219.5	8.8	9.8	238.1	79.2	NA	NA	104.3	763.5	R 222.0	R 985.4
1985	2.3	328.8	201.6	11.4	18.3	231.2	73.1	NA	NA	111.8	746.4	R 227.1	R 973.5
1990	1.4	347.9	183.6	14.4	10.0	208.0	38.0	(s)	0.3	131.6	727.0	R 259.0	R 986.0
1995	0.7	386.7	166.6	15.9	7.0	189.5	52.4	0.1	0.4	136.1	765.4	R 241.6	R 1,007.0
2000	0.3	413.1	205.0	21.9	13.3	240.2	82.5	0.1	0.5	146.8	883.2	R 280.2	R 1,163.4
2005	0.3	416.9	203.9	17.9	12.5	234.3	50.4	0.1	0.8	172.4	875.2	R 327.1	R 1,202.3
2006	0.3	364.3	155.5	16.0	10.2	181.7	44.7	0.1	R 0.9	165.2	R 757.2	R 291.1	R 1,048.3
2007	0.3	409.9	174.1	18.3	7.5	199.9	49.4	0.2	R 1.0	171.4	832.1	R 291.9	R 1,124.0
2008	0.0	402.7	162.6	22.6	3.7	189.0	55.2	0.2	R 1.2	167.3	R 815.6	R 273.7	R 1,089.3
2009	0.0	413.6	119.9	22.8	5.5	148.2	19.3	0.2	R 1.2	164.6	R 747.3	R 263.9	R 1,011.2
2010	0.0	399.7	114.2	22.2	5.7	142.1	20.7	0.3	R 1.3	173.8	R 737.9	R 287.2	R 1,025.1
2011	0.0	404.3	106.5	19.8	4.1	130.4	20.1	0.7	R 1.3	174.8	R 731.7	R 267.6	R 999.2
2012	0.0	369.2	126.5	16.8	2.1	145.4	16.8	0.4	R 1.4	173.0	R 706.3	R 251.4	R 957.7
2013	0.0	430.8	104.9	19.4	2.2	126.5	21.9	0.4	R 1.5	173.3	R 754.5	R 252.2	R 1,006.7
2014	0.0	473.6	113.4	24.8	3.8	142.1	22.2	0.4	R 1.8	170.5	R 810.7	R 245.5	R 1,056.2
2015	0.0	467.0	121.8	22.5	2.6	146.9	R 36.8	0.4	R 2.4	174.1	R 827.6	R 245.5	R 1,073.1
2016	0.0	425.6	89.3	21.2	3.4	113.9	R 29.5	0.4	R 3.2	173.4	R 746.0	R 240.9	R 986.9
2017	0.0	446.6	83.6	21.9	2.3	107.7	R 28.5	0.4	R 3.8	167.5	R 754.6	R 224.6	R 979.3
2018	0.0	501.6	107.7	27.3	2.1	137.1	R 34.7	0.4	R 4.3	177.9	R 856.1	R 242.4	R 1,098.5
2019	0.0	488.9	105.7	28.3	3.3	137.2	R 35.4	0.4	R 4.9	171.1	R 837.9	R 225.5	R 1,063.4
2020	0.0	451.8	77.7	25.6	3.1	106.4	R 22.0	0.4	R 5.2	178.3	R 764.1	R 227.9	R 992.0
2021	0.0	459.9	102.2	25.6	2.5	130.3	R 23.4	0.4	R 5.6	178.0	R 797.5	R 223.7	R 1,021.3
2022	0.0	464.2	103.6	24.2	2.2	130.0	26.1	0.4	6.6	178.2	805.2	219.6	1,024.8

^a Beginning in 2008, data are no longer collected and are assumed to be zero.
^b Includes supplemental gaseous fuels that are commingled with natural gas.
^c Hydrocarbon gas liquids, assumed to be propane only.
^d Wood and wood-derived fuels.
^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
^f Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.
^g Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
^h 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.

ⁱ 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: · 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/>

NEW YORK Table CT5. Commercial sector energy consumption estimates, selected years, 1960-2022, New York

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum					Hydro-electric power ^{e,f} Million kilowatthours	Biomass Wood and waste ^g Million kilowatthours	Geothermal ^f	Solar ^{f,h} Million kilowatthours	Electricity ⁱ Million kilowatthours	End use ^{f,j}	Electrical system energy losses ^k	Total ^{f,j}	
			Distillate fuel oil	HGL ^b	Kerosene	Motor gasoline ^c	Residual fuel oil									Total ^d
			Thousand barrels													
1960	805	63	15,225	554	468	636	28,208	45,091	NA	--	NA	17,546	--	--	--	
1965	555	87	19,527	586	467	828	37,514	58,921	NA	--	NA	23,528	--	--	--	
1970	293	139	20,376	723	626	1,052	43,318	66,096	NA	--	NA	32,790	--	--	--	
1975	300	128	18,965	800	420	1,162	28,482	49,830	NA	--	NA	37,827	--	--	--	
1980	283	162	14,492	653	169	1,035	25,431	41,779	NA	--	NA	40,471	--	--	--	
1985	339	165	13,215	839	862	1,911	16,677	33,505	NA	--	NA	48,816	--	--	--	
1990	218	195	15,415	1,061	269	1,201	17,400	35,345	7	--	(s)	56,025	--	--	--	
1995	191	231	15,711	1,174	714	208	13,555	31,362	4	--	1	62,509	--	--	--	
2000	90	366	15,128	1,615	948	202	9,429	27,322	4	--	1	70,417	--	--	--	
2005	147	276	18,086	1,108	759	235	10,066	30,254	3	--	3	76,822	--	--	--	
2006	127	260	15,602	1,145	354	284	7,941	25,326	5	--	6	76,029	--	--	--	
2007	119	285	14,606	1,276	244	263	8,723	25,112	4	--	7	74,326	--	--	--	
2008	68	290	13,447	1,641	128	209	7,685	23,110	(s)	--	8	77,416	--	--	--	
2009	22	281	12,062	1,724	169	212	8,571	22,738	4	--	12	75,347	--	--	--	
2010	3	287	10,050	1,718	154	180	7,835	19,937	3	--	24	77,276	--	--	--	
2011	4	291	10,310	1,797	168	186	7,089	19,551	6	--	43	76,406	--	--	--	
2012	0	270	8,602	1,558	60	174	4,237	14,630	4	--	91	76,018	--	--	--	
2013	0	301	9,223	1,693	28	189	3,139	14,273	6	--	127	76,342	--	--	--	
2014	0	320	8,434	1,776	54	193	846	11,303	3	--	183	76,541	--	--	--	
2015	0	311	9,634	1,892	28	312	14,967	14,967	5	--	262	77,006	--	--	--	
2016	0	303	8,095	2,061	57	3,080	312	13,605	4	--	317	76,507	--	--	--	
2017	0	310	7,935	2,023	31	3,070	285	13,343	6	--	439	75,333	--	--	--	
2018	0	330	8,111	2,118	41	3,064	156	13,491	6	--	616	76,745	--	--	--	
2019	0	323	8,364	2,200	74	3,088	117	13,842	6	--	806	75,091	--	--	--	
2020	0	289	6,437	2,472	54	3,113	90	12,165	6	--	1,148	68,989	--	--	--	
2021	0	298	8,452	2,731	42	3,146	188	14,560	8	--	1,465	69,920	--	--	--	
2022	0	304	8,451	2,651	38	3,822	193	15,155	5	--	1,930	72,206	--	--	--	

Trillion Btu

1960	19.9	65.2	88.7	2.1	2.7	3.3	177.3	274.2	NA	0.5	NA	59.9	419.6	R	120.7	R	540.3	
1965	13.5	88.8	113.7	2.3	2.6	4.3	235.9	358.8	NA	0.4	NA	80.3	541.8	R	157.9	R	699.7	
1970	6.9	142.4	118.7	2.8	3.5	5.5	272.3	402.9	NA	0.4	NA	111.9	664.5	R	229.2	R	893.7	
1975	6.8	130.2	110.5	3.1	2.4	6.1	179.1	301.1	NA	0.4	NA	129.1	567.5	R	263.5	R	831.0	
1980	6.6	165.5	84.4	2.5	1.0	5.4	159.9	253.2	NA	2.0	NA	138.1	564.6	R	293.8	R	858.4	
1985	8.1	170.0	77.0	3.2	4.9	10.0	104.8	200.0	NA	1.7	NA	166.6	545.9	R	338.5	R	884.4	
1990	5.4	200.7	89.8	4.1	1.5	6.3	109.4	211.1	R	(s)	(s)	191.2	612.7	R	376.2	R	988.9	
1995	4.8	238.5	91.4	4.5	4.1	1.1	85.2	186.3	(s)	10.6	0.1	213.3	653.4	R	378.7	R	1,032.0	
2000	2.3	377.7	88.0	6.2	5.4	1.1	59.3	159.9	(s)	18.1	0.2	240.3	798.3	R	458.7	R	1,256.9	
2005	3.7	283.0	105.2	4.3	4.3	1.2	63.3	178.3	(s)	10.7	0.5	262.1	738.3	R	497.2	R	1,235.5	
2006	3.2	265.7	90.5	4.4	2.0	1.5	49.9	148.3	R	(s)	10.1	0.5	687.3	R	457.0	R	1,144.3	
2007	3.0	291.9	84.5	4.9	1.4	1.4	54.8	147.0	(s)	10.5	0.6	253.6	706.5	R	431.8	R	1,138.3	
2008	1.7	296.4	77.7	6.3	0.7	1.1	48.3	134.1	(s)	10.9	0.6	264.1	708.0	R	432.1	R	1,140.1	
2009	0.6	286.8	69.7	6.6	1.0	1.1	53.9	132.2	(s)	5.1	0.7	257.1	682.5	R	412.2	R	1,094.7	
2010	0.1	294.1	58.0	6.6	0.9	0.9	49.3	115.7	(s)	5.0	0.8	263.7	679.5	R	435.7	R	1,115.1	
2011	0.1	298.9	59.5	6.9	1.0	0.9	44.6	112.9	R	(s)	4.7	0.6	260.7	678.0	R	399.0	R	1,077.0
2012	0.0	278.9	49.6	6.0	0.3	0.9	26.6	83.4	(s)	7.1	0.8	259.4	630.0	R	377.0	R	1,007.0	
2013	0.0	311.2	53.2	6.5	0.2	1.0	19.7	80.5	R	(s)	7.5	0.8	260.5	660.9	R	379.2	R	1,040.1
2014	0.0	330.9	48.6	6.8	0.3	1.0	5.3	62.0	(s)	7.6	0.8	261.2	663.0	R	376.0	R	1,039.0	
2015	0.0	321.4	55.5	7.3	0.2	15.7	2.0	80.6	(s)	10.2	0.8	262.7	676.6	R	370.6	R	1,047.1	
2016	0.0	312.2	46.6	7.9	0.3	15.6	2.0	72.4	(s)	10.1	0.8	261.0	657.5	R	362.5	R	1,020.0	
2017	0.0	320.4	45.7	7.8	0.2	15.5	1.8	70.9	R	10.2	0.8	257.0	660.9	R	344.8	R	1,005.7	
2018	0.0	341.0	46.7	8.1	0.2	15.5	1.0	71.6	R	(s)	10.2	0.8	261.9	687.5	R	356.7	R	1,044.2
2019	0.0	333.2	48.2	8.4	0.4	15.6	0.7	73.4	R	(s)	9.6	0.8	256.2	675.9	R	337.7	R	1,013.6
2020	0.0	298.6	37.1	9.5	0.3	15.7	0.6	63.1	(s)	9.5	0.8	235.4	611.4	R	300.8	R	912.2	
2021	0.0	307.4	48.7	10.5	0.2	15.9	1.2	76.5	R	(s)	9.8	0.8	238.6	638.1	R	299.9	R	938.0
2022	0.0	313.6	48.7	10.2	0.2	19.3	1.2	79.6	(s)	19.5	0.8	246.4	666.2	R	303.5	R	969.8	

a Includes supplemental gaseous fuels that are commingled with natural gas.
b Hydrocarbon gas liquids, assumed to be propane only.
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 small amounts of petroleum coke not shown separately.
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 Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.
i Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.
j 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 commercial utility-scale facilities.
k 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: Totals may not equal sum of components due to independent rounding. The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. 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 CT6. Industrial sector energy consumption estimates, selected years, 1960-2022, New York

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum						Hydro-electric power ^{e,f} Million kWh	Biomass		Geo-thermal ^f	Solar ^{f,i} Million kWh	Electricity ^j Million kWh	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						
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	188	--	--	NA	27,247	--	--	--	
1980	5,699	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	--	--	--	
2005	1,510	81	3,371	2,417	2,214	1,337	14,482	23,820	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	19,538	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	--	--	(s)	13,480	--	--	--	
2011	1,008	76	2,809	718	1,564	1,244	9,231	15,566	75	--	--	1	13,420	--	--	--	
2012	909	75	2,502	903	2,267	578	9,161	15,411	61	--	--	2	13,705	--	--	--	
2013	816	80	2,274	875	2,266	711	8,686	14,812	62	--	--	3	17,911	--	--	--	
2014	714	85	2,001	950	2,094	552	8,569	14,165	69	--	--	5	18,003	--	--	--	
2015	723	83	2,031	817	2,718	431	9,123	15,120	62	--	--	10	18,079	--	--	--	
2016	521	81	1,872	868	2,726	457	R 9,804	R 15,727	57	--	--	13	17,709	--	--	--	
2017	496	83	1,904	608	2,773	539	R 8,948	R 14,771	70	--	--	14	17,811	--	--	--	
2018	364	92	1,953	665	2,814	406	R 8,760	R 14,598	59	--	--	17	18,077	--	--	--	
2019	349	91	2,544	647	2,829	360	R 8,537	R 14,918	59	--	--	23	17,548	--	--	--	
2020	158	87	2,330	760	2,860	194	R 8,219	R 14,362	57	--	--	24	16,610	--	--	--	
2021	211	90	2,039	973	2,859	444	R 8,844	R 15,159	64	--	--	24	16,891	--	--	--	
2022	241	89	2,061	1,164	2,950	455	7,616	14,246	40	--	--	28	16,178	--	--	--	

Trillion Btu

1960	311.9	74.2	75.3	1.2	17.7	141.1	62.3	297.7	R 1.2	32.9	NA	NA	NA	49.2	R 767.0	R 99.3	R 866.3
1965	360.1	95.3	98.5	1.8	19.5	183.7	83.3	386.8	R 0.9	36.3	NA	NA	NA	78.8	R 958.2	R 155.0	R 1,113.3
1970	308.4	118.0	97.9	4.1	17.2	211.8	78.3	409.4	R 0.9	40.3	NA	NA	NA	92.6	R 969.7	R 189.8	R 1,159.4
1975	155.5	106.2	91.8	5.1	7.1	144.8	83.9	332.7	R 0.6	37.7	NA	NA	NA	93.0	R 725.8	R 189.8	R 915.6
1980	146.5	116.4	54.4	9.2	8.1	93.1	74.8	239.5	R 0.8	48.4	NA	NA	NA	109.6	R 660.7	R 233.1	R 893.7
1985	94.8	103.6	31.3	3.4	6.4	34.9	78.5	154.5	R 0.8	56.7	0.0	NA	NA	97.8	R 507.9	R 198.7	R 706.6
1990	82.6	105.1	23.7	2.3	6.0	29.5	68.7	130.2	R 0.4	26.6	0.0	(s)	108.9	R 453.8	R 214.4	R 668.2	
1995	72.4	221.2	17.9	3.0	5.9	12.5	69.7	109.0	R 0.3	20.9	0.0	(s)	86.4	R 510.0	R 153.4	R 663.4	
2000	73.5	100.2	19.1	7.9	4.8	12.6	70.8	115.2	R 0.3	32.1	0.0	(s)	88.2	R 409.5	R 168.3	R 577.7	
2005	39.9	83.6	19.6	8.3	11.5	8.4	89.3	137.1	R 0.2	16.9	0.0	(s)	68.1	R 345.8	R 129.1	R 474.9	
2006	37.1	80.2	20.1	6.0	12.6	8.2	86.1	133.0	R 0.3	16.6	0.0	(s)	51.1	R 318.2	R 90.0	R 408.3	
2007	34.6	79.8	21.0	4.2	11.1	9.2	76.2	121.7	R 0.2	16.0	0.2	(s)	69.0	R 321.5	R 117.4	R 439.0	
2008	31.6	82.4	19.7	2.5	8.6	7.8	76.3	115.0	R 0.2	13.6	4.8	(s)	50.1	R 297.8	R 82.0	R 379.8	
2009	23.6	74.8	16.9	1.9	8.3	3.0	75.6	105.8	R 0.4	13.0	2.7	(s)	45.8	R 266.1	R 73.4	R 339.5	
2010	25.4	77.8	13.1	2.3	11.8	3.2	62.1	92.7	R 0.2	17.9	5.7	(s)	46.0	R 265.7	R 76.0	R 341.7	
2011	25.9	77.7	16.2	2.8	7.9	7.8	58.5	93.2	R 0.3	24.4	7.0	(s)	45.8	R 274.1	R 70.1	R 344.2	
2012	24.2	77.0	14.4	3.5	11.5	3.6	57.5	90.5	R 0.2	24.4	7.0	(s)	46.8	R 270.0	R 68.0	R 337.9	
2013	21.6	82.9	13.1	3.4	11.5	4.5	55.0	87.4	R 0.2	23.0	8.5	(s)	61.1	R 284.6	R 89.0	R 373.6	
2014	18.7	87.4	11.5	3.6	10.6	3.5	54.5	83.7	R 0.2	23.6	7.8	(s)	61.4	R 282.9	R 88.4	R 371.4	
2015	19.3	86.1	11.7	3.1	13.7	2.7	57.7	89.0	R 0.2	23.9	7.7	(s)	61.7	R 288.0	R 87.0	R 375.0	
2016	14.0	83.6	10.8	3.3	13.8	2.9	61.7	92.4	R 0.2	24.1	8.5	(s)	60.4	R 283.4	R 83.9	R 367.3	
2017	13.3	85.7	11.0	2.3	14.0	3.4	R 56.6	R 87.3	R 0.2	24.8	8.2	(s)	60.8	R 280.3	R 81.5	R 361.8	
2018	9.7	94.6	11.2	2.6	14.2	2.6	R 55.2	R 85.8	R 0.2	24.0	7.4	(s)	61.7	R 283.4	R 84.0	R 367.4	
2019	8.9	93.4	14.7	2.5	14.3	2.3	R 53.9	R 87.6	R 0.2	23.7	7.8	(s)	59.9	R 281.6	R 78.9	R 360.5	
2020	4.0	89.5	13.4	2.9	14.4	1.2	R 52.2	R 84.2	R 0.2	22.5	3.9	(s)	56.7	R 261.0	R 72.4	R 333.4	
2021	5.4	92.8	11.8	3.7	14.4	2.8	R 56.5	R 89.2	R 0.2	22.6	3.0	(s)	57.6	R 270.9	R 72.5	R 343.4	
2022	6.1	91.6	11.9	4.5	14.9	2.9	49.0	83.1	0.1	22.3	3.0	0.0	55.2	261.5	68.0	329.5	

^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/>

NEW YORK Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, New York

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum								Electricity ^f Million kilowatthours	End use ^{g,h}	Electrical system energy losses ⁱ	Total ^{g,h}
			Aviation gasoline	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Lubricants	Motor gasoline ^e	Residual fuel oil	Total				
			Thousand barrels											
1960	205	2	13,729	8,758	18	9,411	1,368	91,701	17,060	142,046	2,045	--	--	--
1965	45	3	2,427	8,800	38	23,620	1,122	104,690	16,158	156,856	2,144	--	--	--
1970	19	3	249	10,653	107	38,338	1,196	126,403	18,450	195,396	2,366	--	--	--
1975	1	3	274	10,488	125	37,252	950	130,948	8,862	188,899	2,057	--	--	--
1980	0	4	320	10,309	79	35,916	1,064	124,853	11,344	183,885	2,146	--	--	--
1985	0	4	221	13,744	147	3,856	968	133,195	884	153,015	2,442	--	--	--
1990	0	5	78	21,700	150	5,447	1,089	136,834	1,358	166,656	2,795	--	--	--
1995	0	8	76	21,316	138	7,697	1,039	131,294	2,318	163,878	2,757	--	--	--
2000	0	8	75	23,044	234	9,516	1,110	131,698	8,126	173,804	2,753	--	--	--
2005	0	13	275	28,545	75	20,016	937	134,906	5,684	190,437	2,846	--	--	--
2006	0	14	25	29,388	99	20,341	913	137,309	6,530	194,606	2,806	--	--	--
2007	0	16	185	29,146	56	19,977	942	136,714	7,063	194,083	3,397	--	--	--
2008	0	16	154	27,485	257	21,658	875	134,206	10,336	194,971	2,918	--	--	--
2009	0	15	30	27,670	97	16,760	787	134,075	11,743	191,161	3,025	--	--	--
2010	0	19	40	28,245	29	40,612	966	135,571	12,094	217,556	2,922	--	--	--
2011	0	23	43	28,534	27	40,836	860	128,969	5,158	204,426	2,981	--	--	--
2012	0	21	41	27,591	28	41,117	785	125,461	4,988	200,011	2,748	--	--	--
2013	0	20	37	26,395	38	43,669	822	125,006	6,300	202,266	2,864	--	--	--
2014	0	33	68	28,052	41	44,771	912	129,656	7,770	211,270	2,853	--	--	--
2015	0	35	74	29,331	51	47,059	919	124,089	4,897	206,419	2,816	--	--	--
2016	0	28	73	31,420	59	49,823	R 888	128,992	4,965	R 216,221	2,756	--	--	--
2017	0	26	78	31,659	131	51,669	R 815	130,571	3,736	R 218,660	2,767	--	--	--
2018	0	27	82	33,748	71	50,139	R 795	131,879	3,296	R 220,010	2,954	--	--	--
2019	0	31	87	31,501	68	50,730	R 725	129,955	1,431	R 214,497	2,820	--	--	--
2020	0	28	74	29,277	47	23,669	R 618	106,703	1,919	R 162,307	2,550	--	--	--
2021	0	37	80	R 32,888	41	30,745	R 693	118,176	2,893	R 186,566	2,455	--	--	--
2022	0	42	83	36,967	72	42,323	760	115,201	2,965	199,517	2,600	--	--	--

Trillion Btu

1960	5.3	2.4	69.3	51.0	0.1	52.6	8.3	481.7	107.3	770.3	7.0	784.9	R 14.1	R 799.0
1965	1.2	3.4	12.3	51.3	0.1	133.2	6.8	549.9	101.6	855.2	7.3	867.1	R 14.4	R 881.5
1970	0.5	3.2	1.3	62.1	0.4	216.7	7.3	664.0	116.0	1,067.7	8.1	1,079.5	R 16.5	R 1,096.0
1975	(s)	3.0	1.4	61.1	0.5	210.7	5.8	687.9	55.7	1,023.0	7.0	1,033.0	R 14.3	R 1,047.3
1980	0.0	3.6	1.6	60.1	0.3	203.2	6.5	655.9	71.3	998.8	7.3	1,009.7	R 15.6	R 1,025.3
1985	0.0	3.6	1.1	80.1	0.6	21.4	5.9	699.7	5.6	814.2	8.3	826.2	R 16.9	R 843.1
1990	0.0	4.9	0.4	126.4	0.6	30.4	6.6	718.8	8.5	891.7	9.5	906.1	R 18.8	R 924.9
1995	0.0	8.6	0.4	124.1	0.5	43.6	6.3	683.3	14.6	872.7	9.4	890.7	R 16.7	R 907.4
2000	0.0	8.5	0.4	134.1	0.9	54.0	6.7	685.0	51.1	932.1	9.4	950.0	R 17.9	R 968.0
2005	0.0	13.1	1.4	166.1	0.3	113.5	5.7	700.4	35.7	1,023.1	9.7	1,046.6	R 18.4	R 1,065.0
2006	0.0	14.5	0.1	170.5	0.4	115.3	5.5	711.9	41.1	1,044.9	9.6	1,070.9	R 16.9	R 1,087.8
2007	0.0	16.0	0.9	168.6	0.2	113.3	5.7	703.0	44.4	1,036.1	11.6	1,066.2	R 19.7	R 1,086.0
2008	0.0	16.3	0.8	158.9	1.0	122.8	5.3	685.3	65.0	1,039.0	10.0	1,067.5	R 16.3	R 1,083.8
2009	0.0	15.8	0.2	159.8	0.4	95.0	4.8	682.4	73.8	1,016.4	10.3	1,042.6	R 16.5	R 1,059.1
2010	0.0	19.2	0.2	163.1	0.1	230.3	5.9	686.9	76.0	1,162.5	10.0	1,191.6	R 16.5	R 1,208.1
2011	0.0	23.3	0.2	164.6	0.1	231.5	5.2	653.0	32.4	1,087.1	10.2	1,120.6	R 15.6	R 1,136.2
2012	0.0	22.2	0.2	159.1	0.1	233.1	4.8	635.1	31.4	1,063.8	9.4	1,095.3	R 13.6	R 1,108.9
2013	0.0	20.8	0.2	152.1	0.1	247.6	5.0	632.5	39.6	1,077.2	9.8	1,107.8	R 14.2	R 1,122.0
2014	0.0	34.5	0.3	161.7	0.2	253.9	5.5	655.9	48.8	1,126.3	9.7	1,170.5	R 14.0	R 1,184.5
2015	0.0	36.2	0.4	169.0	0.2	266.8	5.6	627.5	30.8	1,100.3	9.6	1,146.1	R 13.6	R 1,159.7
2016	0.0	28.6	0.4	180.9	0.2	282.5	5.4	652.1	31.2	R 1,152.6	9.4	1,190.7	R 13.1	R 1,203.7
2017	0.0	26.7	0.4	182.3	0.5	293.0	R 4.9	659.8	23.5	1,164.3	9.4	1,200.5	R 12.7	R 1,213.2
2018	0.0	28.3	0.4	194.4	0.3	284.3	4.8	666.5	20.7	1,171.4	10.1	1,209.8	R 13.7	R 1,223.5
2019	0.0	31.8	0.4	181.4	0.3	287.6	4.4	656.5	9.0	1,139.7	9.6	1,181.1	R 12.7	R 1,193.8
2020	0.0	28.5	0.4	168.5	0.2	134.2	3.7	539.1	12.1	R 858.2	8.7	895.4	R 11.1	R 906.5
2021	0.0	37.9	0.4	R 189.6	0.2	174.3	R 4.2	596.8	18.2	R 989.3	8.4	R 1,035.5	R 10.5	R 1,046.0
2022	0.0	43.4	0.4	213.1	0.3	240.0	4.6	581.6	18.6	1,064.8	8.9	1,117.1	10.9	1,128.1

^a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.

^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

^c Hydrocarbon gas liquids, assumed to be propane only.

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

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

^f Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.

^g There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

^h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

ⁱ 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.

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 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/>

Table CT8. Electric power sector consumption estimates, selected years, 1960-2022, New York

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum				Nuclear electric power	Hydroelectric power ^d	Biomass Wood and waste ^{e,f}	Geothermal ^f	Solar ^{f,g}	Wind ^f	Electricity net imports ^h	Total ^{i,j}
			Distillate fuel oil ^b	Petroleum coke	Residual fuel oil ^c	Total								
			Thousand barrels											
1960	12,302	58	540	0	9,851	10,391	0	11,746	--	0	NA	NA	3,623	--
1965	13,591	74	1,174	0	21,410	22,584	727	19,301	--	0	NA	NA	495	--
1970	11,125	106	3,139	0	56,787	59,927	4,273	24,781	--	0	NA	NA	944	--
1975	6,124	14	5,319	0	84,338	89,658	13,111	28,135	--	0	NA	NA	1,632	--
1980	6,446	124	749	0	63,898	64,647	19,276	26,241	--	0	NA	NA	7,167	--
1985	7,787	173	821	0	43,220	44,041	24,092	26,956	--	0	0	0	17,287	--
1990	10,125	229	1,095	0	53,800	54,895	23,623	28,052	--	0	0	0	712	--
1995	8,774	431	1,627	0	12,264	13,891	26,336	25,895	--	0	0	0	8,899	--
2000	9,763	373	2,352	267	22,789	25,409	31,508	24,819	--	0	0	10	8,664	--
2005	9,069	304	1,574	2,256	35,064	38,894	42,443	25,720	--	0	0	103	7,281	--
2006	9,417	388	622	860	9,754	11,236	42,224	27,252	--	0	0	655	9,986	--
2007	9,613	408	1,372	496	11,728	13,596	42,453	25,191	--	0	0	833	11,288	--
2008	8,885	399	809	363	4,935	6,106	43,209	26,655	--	0	0	1,251	13,316	--
2009	6,108	368	736	299	3,261	4,296	43,485	27,490	--	0	0	2,266	9,796	--
2010	6,384	425	637	913	1,790	3,340	41,870	25,411	--	0	0	2,596	7,030	--
2011	4,591	434	331	469	1,026	1,826	42,695	27,917	--	0	6	2,828	10,452	--
2012	2,228	499	392	0	459	851	40,775	24,588	--	0	53	2,988	16,529	--
2013	2,225	456	503	0	882	1,385	44,756	24,906	--	0	67	3,536	17,995	--
2014	2,154	453	833	0	2,228	3,061	43,039	26,016	--	0	71	3,966	16,104	--
2015	1,038	472	835	0	1,942	2,778	44,603	25,948	--	0	98	3,974	17,296	--
2016	654	472	344	0	624	968	41,571	26,827	--	0	137	3,939	17,946	--
2017	242	385	264	0	642	905	42,167	30,069	--	0	178	4,131	16,449	--
2018	272	415	790	0	1,616	2,405	42,919	29,565	--	0	294	3,989	15,554	--
2019	187	379	382	0	361	742	44,865	30,555	--	0	507	4,452	14,400	--
2020	64	423	180	0	212	392	38,430	29,487	--	0	822	4,516	13,991	--
2021	0	R 447	208	0	845	1,054	31,177	28,694	--	0	1,143	4,151	13,731	--
2022	0	475	1,058	0	1,634	2,692	26,812	27,386	--	0	1,765	4,563	12,208	--

Trillion Btu

1960	326.1	59.8	3.1	0.0	61.9	65.1	0.0	R 40.1	0.0	0.0	NA	NA	12.4	R 503.4
1965	362.6	76.1	6.8	0.0	134.6	141.4	8.6	R 65.9	0.0	0.0	NA	NA	1.7	R 656.3
1970	274.4	108.4	18.3	0.0	374.0	375.3	46.9	R 84.6	0.0	0.0	NA	NA	3.2	R 892.7
1975	147.3	14.0	30.8	0.0	530.2	561.0	144.4	R 96.0	0.0	0.0	NA	NA	5.6	R 968.2
1980	158.8	128.9	4.4	0.0	401.7	406.1	210.3	R 89.5	0.1	0.0	NA	NA	24.5	R 1,017.6
1985	196.2	178.7	4.8	0.0	271.7	276.5	255.9	R 92.0	(s)	0.0	0.0	0.0	59.0	R 1,057.8
1990	260.4	236.8	6.4	0.0	338.2	344.6	250.0	R 95.7	28.4	0.0	0.0	0.0	2.4	R 1,218.2
1995	227.4	440.4	9.5	0.0	77.1	86.6	276.7	R 88.4	38.7	0.0	0.0	0.0	30.4	R 1,187.9
2000	254.8	380.1	13.7	1.6	143.3	158.6	328.6	R 84.7	41.4	0.0	0.0	R (s)	29.6	R 1,277.5
2005	213.0	310.6	9.2	12.9	220.4	242.5	442.9	R 87.8	27.3	0.0	0.0	R 0.4	24.8	R 1,349.3
2006	215.8	395.5	3.6	4.9	61.3	69.9	440.6	R 93.0	27.8	0.0	0.0	R 2.2	34.1	R 1,278.9
2007	220.6	416.9	7.9	2.8	73.7	84.5	445.3	R 86.0	27.5	0.0	0.0	R 2.8	38.5	R 1,322.1
2008	195.6	407.3	4.7	2.1	31.0	37.8	451.6	R 90.9	29.6	0.0	0.0	R 4.3	45.4	R 1,262.5
2009	131.8	375.6	4.3	1.7	20.5	26.5	454.8	R 93.8	31.5	0.0	0.0	R 7.7	33.4	R 1,155.2
2010	141.6	433.7	3.7	5.2	11.3	20.2	437.6	R 86.7	31.2	0.0	0.0	R 8.9	24.0	R 1,183.8
2011	99.2	443.6	1.9	2.7	6.4	11.0	446.8	R 95.3	29.0	0.0	R (s)	R 9.6	35.7	R 1,170.2
2012	48.7	513.6	2.3	0.0	2.9	5.1	427.3	R 83.9	26.7	0.0	R 0.2	R 10.2	56.4	R 1,172.2
2013	47.2	469.5	2.9	0.0	5.5	8.4	467.7	R 85.0	29.7	0.0	R 0.2	R 12.1	61.4	R 1,181.2
2014	45.9	466.0	4.8	0.0	14.0	18.8	450.1	R 88.8	32.3	0.0	R 0.2	R 13.5	54.9	R 1,170.7
2015	22.0	486.0	4.8	0.0	12.2	17.0	466.5	R 88.5	29.8	0.0	R 0.3	R 13.6	59.0	R 1,182.7
2016	15.6	486.5	2.0	0.0	3.9	5.9	434.8	R 91.5	31.0	0.0	R 0.5	R 13.4	61.2	R 1,140.5
2017	6.3	397.4	1.5	0.0	4.0	5.6	441.0	R 102.6	32.1	0.0	R 0.6	R 14.1	56.1	R 1,055.8
2018	7.0	428.1	4.5	0.0	10.2	14.7	448.7	R 100.9	30.1	0.0	R 1.0	R 13.6	53.1	R 1,097.1
2019	4.8	390.4	2.2	0.0	2.3	4.5	468.5	R 104.3	27.3	0.0	R 1.7	R 15.2	49.1	R 1,065.7
2020	1.6	436.8	1.0	0.0	1.3	2.4	401.4	R 100.6	27.1	0.0	R 2.8	R 15.4	47.7	R 1,035.9
2021	0.0	R 461.6	1.2	0.0	5.3	6.5	R 325.1	R 97.9	26.5	0.0	R 3.9	R 14.2	46.9	R 982.5
2022	0.0	490.5	6.1	0.0	10.3	16.4	279.6	93.4	15.5	0.0	6.0	15.6	41.7	958.3

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

^b Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

^c Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

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

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

^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 Solar thermal and photovoltaic energy.

^h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

ⁱ 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 the total.

-- = Not applicable. NA = Not available.

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

Notes: Totals may not equal sum of components due to independent rounding. The electric power sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. 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/>