Table CT3. Total End-Use Energy Consumption Estimates, Selected Years, 1960-2020, New York

Year	Coal	Natural Gas [a]	Petroleum							Hydro-electric Power [g,h]	Biomass		Geo-thermal [h]	Solar [h,k]	Electricity Retail Sales	Net Energy [h,l]	Electrical System Energy Losses [m]	Total [h,l]
			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	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	--	--	--
2001	2,525	814	79,868	7,111	14,655	133,724	11,944	17,156	264,457	70	--	--	--	--	144,181	--	--	--
2002	1,753	834	74,455	7,613	15,428	136,664	13,866	14,750	262,776	67	--	--	--	--	147,440	--	--	--
2003	1,668	841	89,138	7,771	17,268	138,010	16,951	14,761	283,899	80	--	--	--	--	144,045	--	--	--
2004	1,633	839	93,560	8,639	19,300	137,391	18,747	18,186	295,823	83	--	--	--	--	145,082	--	--	--
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	R 40,612	138,087	20,443	R 11,968	R 279,600	61	--	--	--	--	144,624	--	--	--
2011	1,012	783	60,108	7,689	R 40,836	130,718	13,491	R 11,028	R 263,869	80	--	--	--	--	144,047	--	--	--
2012	909	724	60,638	6,869	R 41,117	127,902	9,802	R 10,412	R 256,740	64	--	--	--	--	143,163	--	--	--
2013	816	817	56,091	7,657	R 43,669	127,461	10,150	R 9,967	R 254,995	67	--	--	--	--	147,895	--	--	--
2014	714	896	58,169	9,230	R 44,771	131,943	9,168	R 10,275	R 263,556	71	--	--	--	--	147,372	--	--	--
2015	723	882	62,135	8,609	R 47,059	129,909	5,640	R 10,603	R 263,954	66	--	--	--	--	148,914	--	--	--
2016	521	824	56,898	8,516	R 49,823	134,799	5,734	R 11,426	R 267,195	61	--	--	--	--	147,803	--	--	--
2017	496	852	56,016	8,459	R 51,669	136,414	4,560	R 10,102	R 267,221	76	--	--	--	--	144,992	--	--	--
2018	364	935	62,508	9,953	R 50,139	137,758	3,858	R 9,909	R 274,125	65	--	--	--	--	149,930	--	--	--
2019	349	R 918	60,759	10,276	R 50,610	R 135,872	1,908	R 9,832	R 269,257	66	--	--	--	--	145,600	--	--	--
2020	158	840	51,538	9,931	23,563	112,676	2,203	9,363	209,275	63	--	--	--	--	140,407	--	--	--
			Trillion Btu															
1960	365.7	374.3	476.7	10.9	52.6	502.7	425.7	166.2	1,635.0	3.7	59.3	NA	NA	NA	158.7	2,596.5	392.5	2,989.0
1970	324.6	617.4	628.9	17.1	216.7	686.8	600.2	122.0	2,271.7	2.8	62.6	NA	NA	NA	299.6	3,578.7	724.7	4,303.4
1980	154.9	627.0	418.4	20.8	203.2	669.3	324.3	93.5	1,729.6	2.4	129.5	NA	NA	NA	359.3	3,000.1	863.2	3,863.3
1990	89.4	658.6	423.5	21.3	30.4	731.1	147.4	87.3	1,441.0	1.4	69.0	0.0	0.1	0.3	441.3	2,700.7	1,068.2	3,768.9
2000	76.1	899.6	446.2	36.9	54.0	690.9	123.0	96.5	1,447.4	0.9	132.7	0.0	0.3	0.6	484.6	3,041.6	1,097.1	4,138.7
2001	65.9	841.7	464.8	26.7	83.1	695.5	75.1	105.2	1,450.3	0.7	85.0	0.0	0.3	0.6	491.9	2,935.9	1,085.9	4,021.8
2002	46.3	854.7	433.3	28.8	87.5	710.5	87.2	90.6	1,437.8	0.7	82.4	0.0	0.4	0.6	503.1	2,925.9	1,105.5	4,031.4
2003	44.1	864.2	518.7	29.3	97.9	717.2	106.6	90.7	1,560.5	0.8	85.5	0.0	0.5	0.6	491.5	3,047.7	1,115.8	R 4,163.6
2004	42.9	862.4	544.3	32.5	109.4	713.9	117.9	111.3	1,629.3	0.8	90.2	0.0	0.5	0.7	495.0	3,122.0	1,139.8	4,261.8
2005	43.9	796.6	494.9	30.7	113.5	713.1	107.4	113.1	1,572.8	0.6	78.0	0.0	0.6	R 0.9	512.3	3,006.3	1,146.9	4,153.2
2006	40.5	724.7	436.7	26.7	115.3	726.0	99.2	104.0	1,507.9	0.9	71.4	0.0	0.7	1.0	485.3	2,834.4	1,038.9	R 3,873.3
2007	37.9	797.5	448.1	27.7	113.3	715.5	108.4	91.7	1,504.7	0.6	75.9	0.2	0.7	1.2	505.6	2,926.9	1,031.2	3,958.0
2008	33.3	797.9	418.9	32.4	122.8	695.0	121.1	86.9	1,477.1	0.7	79.8	4.8	0.8	R 1.4	491.5	2,889.5	985.3	3,874.9
2009	24.1	791.0	366.4	31.7	95.0	691.8	130.8	87.0	1,402.7	1.2	37.5	2.7	1.0	1.5	477.8	2,739.5	959.2	3,698.7
2010	25.5	790.8	348.5	31.3	R 230.3	699.7	128.5	74.7	R 1,513.0	0.6	43.6	5.7	1.1	R 1.8	493.5	R 2,875.5	999.1	R 3,874.6
2011	26.0	804.2	346.8	29.5	R 231.5	661.8	84.8	69.0	R 1,423.5	0.8	49.2	7.0	1.3	2.1	491.5	R 2,805.5	951.6	R 3,757.1
2012	24.2	747.3	349.7	26.4	R 233.1	647.4	61.6	64.9	R 1,383.2	0.6	48.3	7.0	1.2	R 2.8	488.5	R 2,703.0	880.6	R 3,583.7
2013	21.6	845.8	323.3	29.4	R 247.6	645.0	63.8	62.5	R 1,371.6	0.6	52.4	R 8.5	1.2	3.2	504.6	R 2,809.5	913.6	R 3,723.1
2014	18.7	926.3	335.2	35.5	R 253.9	667.5	57.6	64.5	R 1,414.1	0.7	53.4	R 7.8	1.2	4.6	502.8	R 2,929.7	911.2	R 3,840.9
2015	19.3	910.7	358.0	33.1	R 266.8	656.9	35.5	66.4	R 1,416.7	0.6	71.1	R 7.7	1.2	6.8	508.1	R 2,942.3	896.2	R 3,838.5
2016	14.0	850.0	327.6	32.7	R 282.5	681.4	36.0	71.2	R 1,431.4	0.6	63.8	R 8.5	1.2	9.4	504.3	R 2,883.2	885.5	R 3,768.8
2017	13.3	879.5	322.5	32.5	R 293.0	689.3	28.7	R 63.3	R 1,429.2	0.7	63.6	R 8.2	1.2	12.3	494.7	R 2,902.8	873.3	R 3,776.1
2018	9.7	965.6	360.0	38.2	R 284.3	696.2	24.3	61.9	R 1,464.9	0.6	69.0	R 7.4	1.2	15.0	511.6	R 3,045.0	901.0	R 3,946.0
2019	8.9	R 947.3	349.9	39.5	R 287.0	686.4	12.0	R 61.5	R 1,436.2	0.6	R 68.8	R 7.8	1.2	18.0	496.8	R 2,985.6	856.3	R 3,841.9
2020	4.0	868.5	296.7	38.1	133.6	569.2	13.9	58.8	1,110.3	0.5	60.2	3.9	1.2	21.6	479.1	2,549.3	804.9	3,354.2

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Beginning in 2009, includes biodiesel blended into distillate fuel oil.
[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 pumped-storage hydroelectricity, 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] 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 net energy 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.
[m] 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 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.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.