Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2021, New York

(Trillion Btu)

Year	Fossil Fuels										*Fossil Fuels (as commingled)*		
			Petroleum										
	Coal	Natural Gas excluding Supplemental Gaseous Fuels [a]	Distillate Fuel Oil excluding Biofuels [a]	HGL [b]	Jet Fuel [c]	Motor Gasoline excluding Fuel Ethanol [a]	Residual Fuel Oil	Other [d]	Total	Total	*Natural Gas including Supplemental Gaseous Fuels* [a]	*Distillate Fuel Oil including Biofuels* [a]	*Motor Gasoline including Fuel Ethanol* [a]
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	*755.9*	*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	*775.7*	*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	*793.1*	*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	*739.8*	*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	*811.3*	*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	*784.7*	*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	*749.9*	*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	*801.9*	*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	*813.1*	*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	*870.9*	*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	*895.4*	*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	*917.2*	*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	*1,034.0*	*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	*1,023.2*	*424.6*	*687.1*
1994	316.7	1,094.1	426.1	24.1	32.3	667.9	252.3	90.7	1,493.4	2,904.2	*1,095.6*	*426.1*	*668.6*
1995	305.3	1,293.9	409.4	24.0	43.6	687.9	189.4	87.5	1,441.9	3,041.0	*1,295.4*	*409.4*	*690.2*
1996	311.8	1,229.5	418.5	26.7	65.4	680.6	230.3	88.7	1,510.2	3,051.5	*1,230.8*	*418.5*	*682.5*
1997	325.2	1,357.2	413.4	25.1	68.8	679.6	188.6	87.4	1,462.9	3,145.3	*1,358.1*	*413.4*	*681.5*
1998	337.4	1,266.3	375.4	27.4	83.9	682.7	224.6	104.6	1,498.6	3,102.4	*1,267.1*	*375.4*	*684.0*
1999	318.0	1,308.2	418.8	27.4	51.7	693.9	222.3	108.4	1,522.5	3,148.7	*1,308.7*	*418.8*	*695.1*
2000	330.8	1,278.8	459.9	36.9	54.0	689.5	266.2	98.2	1,604.7	3,214.4	*1,279.7*	*459.9*	*690.9*
2001	307.0	1,204.9	482.3	26.7	83.1	695.1	233.2	105.4	1,625.7	3,137.6	*1,205.9*	*482.3*	*695.5*
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*	*710.5*
2003	286.2	1,131.3	532.7	29.3	97.9	715.3	292.8	91.9	1,760.0	3,177.5	*1,131.4*	*532.7*	*717.2*
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*	*713.9*
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*	*713.1*
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*	*726.0*
2007	258.4	1,214.3	456.1	27.7	113.3	689.1	182.2	94.6	1,562.8	3,035.6	*1,214.4*	*456.1*	*715.5*
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*	*695.0*
2009	156.0	1,166.6	R 368.9	31.7	95.0	650.2	151.3	88.7	R 1,385.8	R 2,708.4	*1,166.6*	*370.6*	*691.8*
2010	167.1	1,224.5	R 351.0	31.3	230.3	652.9	139.8	79.9	R 1,485.2	R 2,876.8	*1,224.5*	*352.2*	*699.7*
2011	125.2	1,247.8	R 345.8	29.5	231.5	617.6	91.3	71.6	R 1,387.4	R 2,760.3	*1,247.8*	*348.7*	*661.8*
2012	72.9	1,260.9	R 348.9	26.4	233.1	603.6	64.5	64.9	R 1,341.4	R 2,675.3	*1,260.9*	*352.0*	*647.4*
2013	68.7	1,315.3	R 320.9	29.4	247.6	600.7	69.4	62.5	R 1,330.5	R 2,714.5	*1,315.3*	*326.1*	*645.0*
2014	64.7	1,392.4	R 334.7	35.5	253.9	621.9	71.6	64.5	R 1,382.1	R 2,839.1	*1,392.4*	*340.0*	*667.5*
2015	41.2	1,396.7	R 357.0	33.1	266.8	612.2	47.7	66.4	R 1,383.3	R 2,821.2	*1,396.7*	*362.8*	*656.9*
2016	29.7	1,336.5	R 321.1	32.7	282.5	634.8	40.0	71.2	R 1,382.2	R 2,748.3	*1,336.5*	*329.5*	*681.4*
2017	19.6	1,276.9	316.0	32.5	293.0	641.4	32.7	63.3	1,378.8	2,675.3	*1,276.9*	*324.0*	*689.3*
2018	16.7	1,393.7	R 357.0	38.2	284.3	647.4	34.4	61.9	R 1,423.2	R 2,833.6	*1,393.7*	*364.5*	*696.2*
2019	13.6	1,337.7	R 345.5	39.5	R 287.6	637.9	14.3	61.5	R 1,386.3	R 2,737.7	*1,337.7*	*352.1*	*686.4*
2020	5.7	1,305.3	R 290.9	38.1	R 134.2	528.9	15.2	58.8	R 1,066.1	R 2,377.1	*1,305.3*	*297.7*	*569.2*
2021	5.4	1,361.2	323.1	40.0	174.3	582.2	27.5	68.1	1,209.8	2,576.4	*1,361.2*	*325.9*	*627.1*

[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."

[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, 1960-2021, 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						Geo-thermal [f]	Solar [f,j]	Wind	Total [f]			
			Wood and Waste [f,g]	Fuel Ethanol [h]	Biodiesel	Renewable Diesel	Losses and Co-products [i]	Total [f]							
1960	0.0	130.1	59.3	NA	NA	NA	NA	59.3	0.0	NA	NA	189.3	-38.5	12.4	2,989.0
1965	8.6	204.6	58.1	NA	NA	NA	NA	58.1	0.0	NA	NA	262.7	-31.7	1.7	3,664.7
1970	46.9	262.9	62.6	NA	NA	NA	NA	62.6	0.0	NA	NA	325.5	-44.0	3.2	4,303.4
1971	70.7	266.5	60.2	NA	NA	NA	NA	60.2	0.0	NA	NA	326.6	-61.2	2.9	4,251.3
1972	69.8	288.5	59.5	NA	NA	NA	NA	59.5	0.0	NA	NA	348.0	-63.2	5.4	4,269.8
1973	78.8	305.1	59.6	NA	NA	NA	NA	59.6	0.0	NA	NA	364.7	-31.3	7.8	4,419.1
1974	103.5	300.9	62.1	NA	NA	NA	NA	62.1	0.0	NA	NA	363.0	-27.5	10.6	4,128.1
1975	144.4	294.7	60.2	NA	NA	NA	NA	60.2	0.0	NA	NA	354.9	-53.5	5.6	3,925.2
1976	173.0	299.2	69.3	NA	NA	NA	NA	69.3	0.0	NA	NA	368.5	-38.9	8.3	4,225.0
1977	221.7	268.0	74.2	NA	NA	NA	NA	74.2	0.0	NA	NA	342.2	-46.6	10.5	4,195.2
1978	237.4	270.2	84.7	NA	NA	NA	NA	84.7	0.0	NA	NA	354.9	-24.5	16.6	4,195.8
1979	201.3	274.2	94.2	NA	NA	NA	NA	94.2	0.0	NA	NA	368.4	31.6	40.7	3,972.8
1980	210.3	275.0	129.7	NA	NA	NA	NA	129.7	0.0	NA	NA	404.7	21.9	24.5	3,863.3
1981	192.4	270.6	143.3	0.0	NA	NA	0.0	143.3	0.0	NA	NA	413.9	30.1	48.1	3,673.7
1982	159.9	267.2	130.2	0.0	NA	NA	0.0	130.2	0.0	NA	NA	397.4	65.1	51.6	3,529.7
1983	178.6	277.7	158.2	0.0	NA	NA	0.0	158.2	0.0	NA	0.0	435.9	57.7	69.2	3,353.9
1984	229.7	280.0	129.6	0.0	NA	NA	0.0	129.6	0.0	0.0	0.0	409.6	6.2	71.4	3,404.0
1985	255.9	284.0	131.5	0.0	NA	NA	0.0	131.5	0.0	0.0	0.0	415.5	17.5	59.0	3,508.5
1986	233.6	310.4	118.8	0.0	NA	NA	0.0	118.8	0.0	0.0	0.0	429.1	43.4	52.8	3,554.7
1987	239.4	289.4	110.6	0.0	NA	NA	0.0	110.6	0.0	0.0	0.0	400.0	16.9	52.8	3,658.5
1988	256.3	249.2	116.5	0.0	NA	NA	0.0	116.5	0.0	0.0	0.0	365.6	38.9	41.6	3,748.8
1989	241.8	258.9	119.8	0.0	NA	NA	0.0	119.8	0.1	0.3	0.0	379.0	32.7	15.5	3,771.1
1990	250.0	293.2	97.4	0.0	NA	NA	0.0	97.4	0.1	0.3	0.0	R 390.9	95.2	2.4	3,768.9
1991	298.3	283.6	95.1	0.0	NA	NA	0.0	95.1	0.1	0.3	0.0	379.1	78.7	10.4	3,703.1
1992	252.9	290.2	104.5	0.0	NA	NA	0.0	104.5	0.1	0.3	0.0	395.1	167.9	10.4	3,788.7
1993	282.4	303.5	117.3	0.3	NA	NA	0.0	117.6	0.1	0.3	0.0	421.6	183.6	18.9	3,813.7
1994	305.5	286.7	122.0	0.7	NA	NA	0.0	122.7	0.2	0.4	0.0	409.9	89.4	43.6	3,752.7
1995	276.7	268.0	122.6	2.3	NA	NA	0.0	124.9	0.2	0.5	0.0	393.5	49.5	30.4	3,791.1
1996	370.0	299.4	139.2	1.9	NA	NA	0.0	141.1	0.2	0.5	0.0	441.2	53.6	24.1	3,940.3
1997	310.3	312.7	177.7	1.8	NA	NA	0.0	179.5	0.2	0.5	0.0	493.0	59.3	5.3	4,013.2
1998	328.5	298.9	159.0	1.4	NA	NA	0.0	160.4	0.3	0.6	0.0	460.2	45.2	2.8	3,939.1
1999	386.8	253.1	165.2	1.2	NA	NA	0.0	166.3	0.3	0.6	0.0	420.3	102.0	3.3	4,061.2
2000	328.6	254.1	174.1	1.3	NA	NA	0.0	175.4	0.3	0.6	0.1	430.5	135.6	29.6	4,138.7
2001	421.8	238.5	111.1	0.4	0.1	NA	0.0	111.6	0.3	0.6	0.2	351.2	84.7	26.5	4,021.8
2002	413.7	254.8	107.4	0.3	0.1	NA	0.0	107.8	0.4	0.6	0.8	364.4	147.9	37.4	4,031.4
2003	424.0	245.7	110.2	1.9	0.1	NA	0.0	112.2	0.5	0.6	0.4	359.4	184.0	18.7	4,163.5
2004	423.8	240.3	116.2	24.4	0.2	NA	0.0	140.8	0.5	0.7	1.2	383.4	210.1	17.7	4,261.8
2005	442.9	257.8	105.2	8.1	0.7	NA	0.0	114.0	0.6	R 0.8	1.0	374.3	139.8	24.8	4,153.2
2006	440.6	271.2	99.2	21.0	1.9	NA	0.0	122.1	0.7	1.0	6.5	401.5	63.7	34.1	R 3,873.2
2007	445.3	249.6	103.4	26.4	2.6	NA	0.2	132.7	0.7	1.2	8.2	392.4	46.2	38.5	3,958.0
2008	451.6	263.3	109.3	34.6	2.2	NA	4.8	150.9	0.8	R 1.3	12.3	R 428.7	34.6	45.4	3,874.9
2009	454.8	269.5	69.0	41.6	2.4	NA	2.7	115.7	1.0	1.5	22.1	R 409.7	92.9	33.4	R 3,699.3
2010	437.6	248.5	74.9	46.8	1.9	NA	5.7	129.2	1.1	R 1.7	25.3	R 405.8	131.1	24.0	R 3,875.3
2011	446.8	272.0	78.3	44.2	6.5	0.0	7.0	136.0	1.3	R 2.1	27.5	R 438.8	79.0	35.7	R 3,760.6
2012	427.3	234.6	75.0	43.8	6.5	0.0	7.0	132.4	1.2	R 3.1	28.5	R 399.7	28.3	56.4	R 3,587.0
2013	467.7	238.3	82.2	44.3	6.1	0.0	8.5	141.0	1.2	3.9	33.8	418.1	62.3	61.4	R 3,723.9
2014	450.1	248.1	85.7	45.6	6.3	0.0	7.8	145.4	1.2	5.3	37.7	437.7	R 60.5	54.9	R 3,842.4
2015	466.5	R 242.3	100.9	44.7	6.7	0.0	7.7	160.1	1.2	7.7	R 37.0	R 448.4	R 45.2	59.0	R 3,840.3
2016	434.8	R 248.1	94.9	46.6	7.7	0.0	8.5	157.7	1.2	10.7	36.4	R 454.0	R 70.3	61.2	R 3,768.7
2017	441.0	R 277.6	95.7	47.9	8.0	0.0	8.2	159.9	1.2	13.9	38.1	R 490.6	R 113.7	56.1	R 3,776.8
2018	448.7	R 269.6	99.1	48.8	9.2	0.0	7.4	164.4	1.2	17.7	36.4	R 489.2	R 124.0	53.1	R 3,948.6
2019	468.5	R 272.5	96.1	48.5	9.9	0.0	7.8	162.3	1.2	22.5	39.7	R 498.1	R 93.7	49.1	R 3,847.1
2020	R 401.4	R 259.1	R 87.2	40.4	8.1	0.0	3.9	R 139.5	1.2	28.8	R 39.6	R 468.2	R 62.5	47.7	R 3,357.0
2021	325.7	254.4	88.9	44.9	9.3	0.0	3.0	146.0	1.2	35.5	36.8	473.9	119.5	46.9	3,542.3

[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 kilowatthours by 3,412 Btu per kilowatthour.

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/