

**W I S C O N S I N** Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2020, Wisconsin

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum						Hydro-electric Power <sup>e,f</sup> Million Kilowatt-hours	Biomass Wood and Waste <sup>g</sup>	Geothermal <sup>f</sup>	Solar <sup>f,h</sup> Million Kilowatt-hours	Electricity Retail Sales	Net Energy <sup>f,i</sup>	Electrical System Energy Losses <sup>j</sup>	Total <sup>f,i</sup>
			Distillate Fuel Oil	HGL <sup>b</sup>	Kerosene	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Total <sup>d</sup>								
			Thousand Barrels													
1960	1,127	11	1,817	346	101	295	556	3,113	NA	--	--	NA	3,059	--	--	--
1965	870	24	1,911	478	54	309	407	3,158	NA	--	--	NA	4,160	--	--	--
1970	569	55	1,900	725	132	56	244	3,058	NA	--	--	NA	6,180	--	--	--
1975	404	67	1,786	699	43	52	168	2,750	NA	--	--	NA	8,342	--	--	--
1980	40	77	1,682	386	57	76	30	2,231	NA	--	--	NA	10,019	--	--	--
1985	20	73	3,294	394	18	283	106	4,095	NA	--	--	NA	12,087	--	--	--
1990	4	66	2,128	542	9	320	217	3,215	11	--	--	(s)	13,408	--	--	--
1995	113	85	982	720	10	51	108	1,871	4	--	--	(s)	15,642	--	--	--
2000	144	81	1,344	853	10	79	180	2,465	4	--	--	(s)	19,055	--	--	--
2005	384	86	1,238	663	30	86	296	2,313	7	--	--	(s)	22,501	--	--	--
2006	26	86	895	607	25	56	81	1,664	(s)	--	--	(s)	22,756	--	--	--
2007	50	89	1,010	655	9	56	25	1,755	1	--	--	1	23,491	--	--	--
2008	179	97	1,264	949	6	56	1	2,275	(s)	--	--	R 3	23,473	--	--	--
2009	110	91	986	738	5	55	(s)	1,784	(s)	--	--	4	22,476	--	--	--
2010	112	82	662	891	4	55	0	1,613	1	--	--	6	23,001	--	--	--
2011	99	87	834	812	3	55	0	1,705	0	--	--	8	23,055	--	--	--
2012	30	77	769	675	2	55	0	1,501	2	--	--	R 17	23,233	--	--	--
2013	32	99	621	843	3	56	0	1,522	0	--	--	R 15	23,658	--	--	--
2014	27	107	702	913	5	53	0	1,674	0	--	--	16	23,757	--	--	--
2015	20	90	719	875	2	1,153	0	2,750	0	--	--	17	23,514	--	--	--
2016	21	89	714	852	5	1,159	0	2,729	0	--	--	14	23,884	--	--	--
2017	20	90	786	1,021	3	1,174	0	2,983	0	--	--	20	23,641	--	--	--
2018	20	100	648	1,435	3	1,178	0	3,265	0	--	--	35	24,093	--	--	--
2019	20	102	623	1,366	2	1,182	0	3,173	0	--	--	41	23,546	--	--	--
2020	15	92	445	1,467	2	1,190	0	3,104	0	--	--	53	22,436	--	--	--

Trillion Btu

1960	24.7	11.3	10.6	1.3	0.6	1.5	3.5	17.5	NA	0.4	NA	NA	10.4	64.3	25.8	90.1
1965	19.0	24.0	11.1	1.8	0.3	1.6	2.6	17.5	NA	0.3	NA	NA	14.2	74.9	33.9	108.7
1970	12.0	55.6	11.1	2.8	0.7	0.3	1.5	16.4	NA	0.2	NA	NA	21.1	105.3	51.0	156.3
1975	7.7	68.9	10.4	2.7	0.2	0.3	1.1	14.7	NA	0.2	NA	NA	28.5	119.9	68.3	188.1
1980	1.0	77.7	9.8	1.5	0.3	0.4	0.2	12.2	NA	0.5	NA	NA	34.2	125.6	82.1	207.7
1985	0.5	73.5	19.2	1.5	0.1	1.5	0.7	23.0	NA	0.6	NA	NA	41.2	138.8	94.5	233.2
1990	0.1	66.7	12.4	2.1	(s)	1.7	1.4	17.6	0.1	1.9	0.0	(s)	45.7	132.2	109.8	241.9
1995	2.8	85.8	5.7	2.8	0.1	0.3	0.7	9.5	(s)	1.3	0.0	(s)	53.4	152.8	127.0	279.7
2000	4.0	81.9	7.8	3.3	0.1	0.4	1.1	12.7	(s)	1.5	0.0	(s)	65.0	165.2	159.5	324.7
2005	7.3	87.2	7.2	2.5	0.2	0.4	1.9	12.2	0.1	4.4	0.0	(s)	76.8	188.0	193.1	381.0
2006	0.6	87.3	5.2	2.3	0.1	0.3	0.5	8.5	(s)	4.0	0.0	(s)	77.6	178.1	182.0	360.1
2007	1.2	90.2	5.8	2.5	0.1	0.3	0.2	8.9	(s)	4.4	0.0	(s)	80.2	184.9	189.4	374.3
2008	4.8	98.5	7.3	3.6	(s)	0.3	(s)	11.3	(s)	4.6	0.0	(s)	80.1	199.3	186.6	385.9
2009	2.9	92.7	5.7	2.8	(s)	0.3	(s)	8.8	(s)	3.3	0.0	(s)	76.7	184.6	175.0	359.5
2010	3.0	83.0	3.8	3.4	(s)	0.3	0.0	7.5	(s)	3.3	0.0	0.1	78.5	175.4	179.1	354.6
2011	2.7	88.3	4.8	3.1	(s)	0.3	0.0	8.2	0.0	2.9	0.0	0.1	78.7	180.9	175.9	356.8
2012	0.8	78.5	4.4	2.6	(s)	0.3	0.0	7.3	(s)	2.6	0.0	R 0.2	79.3	168.6	173.8	342.5
2013	0.9	102.1	3.6	3.2	(s)	0.3	0.0	7.1	0.0	3.2	0.0	0.1	80.7	194.2	178.8	373.0
2014	0.7	111.0	4.0	3.5	(s)	0.3	0.0	7.9	0.0	3.3	0.0	0.2	81.1	204.1	177.6	381.7
2015	0.5	94.4	4.1	3.4	(s)	5.8	0.0	13.3	0.0	4.7	0.0	0.2	80.2	193.4	170.1	363.4
2016	0.6	92.7	4.1	3.3	(s)	5.9	0.0	13.3	0.0	4.9	0.0	0.1	81.5	193.1	169.0	362.1
2017	0.5	94.1	4.5	3.9	(s)	5.9	0.0	14.4	0.0	5.1	0.0	0.2	80.7	195.0	170.5	365.5
2018	0.5	104.8	3.7	5.5	(s)	6.0	0.0	15.2	0.0	5.0	0.0	0.3	82.2	208.3	169.3	377.6
2019	0.5	106.6	3.6	5.2	(s)	6.0	0.0	14.8	0.0	4.8	0.0	0.4	80.3	207.6	155.3	363.0
2020	0.4	96.4	2.6	5.6	(s)	6.0	0.0	14.2	0.0	4.9	0.0	0.5	76.6	193.1	144.5	337.6

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> Hydrocarbon gas liquids, assumed to be propane only.

<sup>c</sup> 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.

<sup>d</sup> Includes small amounts of petroleum coke not shown separately.

<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

<sup>g</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>h</sup> Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

<sup>i</sup> 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 commercial utility-scale facilities.

<sup>j</sup> 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>.

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