

UNITED STATES
Table CT5. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2017, United States

Year	Coal Million Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum						Hydro-electric Power ^{e,f} Billion kWh	Biomass Wood and Waste ^g Billion kWh	Geothermal ^f Billion kWh	Solar ^{f,h} Billion kWh	Electricity Retail Sales Billion kWh	Net Energy ^{f,i}	Electrical System Energy Losses ^j	Total ^{f,i}
			Distillate Fuel Oil	HGL ^b	Kerosene	Motor Gasoline ^c	Residual Fuel Oil	Total ^d								
			Million Barrels													
1960	17	1,020	85	21	8	13	89	216	NA	---	---	NA	159	---	---	---
1965	11	1,444	92	27	9	15	103	245	NA	---	---	NA	231	---	---	---
1970	7	2,399	101	37	11	16	114	279	NA	---	---	NA	352	---	---	---
1975	7	2,508	101	34	9	17	78	238	NA	---	---	NA	468	---	---	---
1980	5	2,611	89	23	7	20	90	229	NA	---	---	NA	559	---	---	---
1985	6	2,432	108	25	6	18	36	193	NA	---	---	NA	689	---	---	---
1990	5	2,623	92	27	2	21	37	178	(s)	---	---	(s)	838	---	---	---
1995	5	3,031	82	28	4	3	23	140	(s)	---	---	(s)	953	---	---	---
1996	5	3,158	83	32	4	5	22	145	(s)	---	---	(s)	980	---	---	---
1997	6	3,215	76	31	4	8	16	138	(s)	---	---	(s)	1,027	---	---	---
1998	4	2,999	74	31	5	4	7	131	(s)	---	---	(s)	1,078	---	---	---
1999	4	3,045	75	37	5	5	12	134	(s)	---	---	(s)	1,104	---	---	---
2000	4	3,182	84	39	5	9	15	152	(s)	---	---	(s)	1,159	---	---	---
2001	4	3,023	87	37	6	7	11	148	(s)	---	---	(s)	1,191	---	---	---
2002	4	3,144	76	37	3	9	13	137	(s)	---	---	(s)	1,205	---	---	---
2003	4	3,179	85	41	3	12	18	159	(s)	---	---	(s)	1,199	---	---	---
2004	5	3,129	81	40	4	9	19	152	(s)	---	---	(s)	1,230	---	---	---
2005	4	2,999	77	34	4	9	18	142	(s)	---	---	(s)	1,275	---	---	---
2006	3	2,832	69	32	3	9	12	125	(s)	---	---	(s)	1,300	---	---	---
2007	3	3,013	66	32	2	12	12	123	(s)	---	---	(s)	1,336	---	---	---
2008	4	3,153	66	41	1	9	11	128	(s)	---	---	1	1,336	---	---	---
2009	3	3,119	68	36	1	10	11	127	(s)	---	---	1	1,307	---	---	---
2010	3	3,103	68	36	1	10	10	125	(s)	---	---	1	1,330	---	---	---
2011	3	3,155	68	37	1	9	9	123	(s)	---	---	2	1,328	---	---	---
2012	2	2,895	62	35	(s)	8	5	110	(s)	---	---	3	1,327	---	---	---
2013	2	3,295	59	39	(s)	8	4	111	(s)	---	---	4	1,337	---	---	---
2014	2	3,466	62	42	(s)	11	1	116	(s)	---	---	6	1,352	---	---	---
2015	2	3,202	62	39	(s)	7	1	176	(s)	---	---	6	1,361	---	---	---
2016	1	R 3,110	56	39	(s)	7	1	171	(s)	---	---	7	1,367	---	---	---
2017	1	3,164	56	41	(s)	71	1	169	(s)	---	---	8	1,353	---	---	---

Trillion Btu																
1960	402	1,056	494	81	48	67	559	1,248	NA	12	NA	NA	543	3,261	1,344	4,605
1965	263	1,483	534	103	54	77	645	1,413	NA	9	NA	NA	789	3,956	1,884	5,840
1970	163	2,455	587	R 143	61	86	714	1,592	NA	8	NA	NA	1,201	5,418	2,908	8,326
1975	146	2,556	587	R 130	49	89	492	1,346	NA	8	NA	NA	1,598	5,654	3,835	9,489
1980	117	2,666	518	88	41	107	565	1,318	NA	21	NA	NA	1,906	R 5,994	4,582	R 10,576
1985	138	2,503	631	95	33	96	228	1,083	NA	24	NA	NA	2,351	R 6,068	5,388	R 11,456
1990	124	2,698	536	102	12	111	230	991	1	94	3	(s)	2,860	6,741	6,578	13,319
1995	116	3,117	478	R 109	22	18	141	769	1	113	5	(s)	3,252	7,347	7,342	14,689
1996	120	3,251	483	R 123	21	27	137	790	1	129	5	(s)	3,344	7,614	7,562	15,176
1997	129	3,306	443	120	25	43	111	R 743	1	131	7	(s)	3,503	7,795	7,897	R 15,693
1998	101	3,098	428	118	31	39	85	R 702	1	118	7	(s)	3,678	7,683	8,301	15,984
1999	102	3,132	438	140	27	28	73	707	1	121	7	R 1	3,766	7,815	8,581	16,396
2000	86	3,261	490	R 151	30	R 44	92	807	1	119	8	1	3,956	8,217	8,953	17,170
2001	88	3,109	508	143	31	37	70	R 790	1	91	8	1	4,063	8,131	9,006	17,137
2002	88	3,223	444	141	16	45	80	(s)	1	95	9	1	4,110	8,235	9,107	17,342
2003	83	3,271	496	157	19	60	111	842	1	100	11	1	4,090	R 8,384	8,951	17,335
2004	103	3,211	470	152	20	45	122	810	1	105	12	1	4,198	R 8,427	9,221	17,648
2005	96	3,083	447	R 132	22	46	116	762	1	104	14	R 2	4,351	8,397	9,423	17,820
2006	64	2,908	400	123	15	48	75	662	1	101	14	R 3	4,435	8,174	9,497	17,671
2007	70	3,095	381	R 122	9	60	75	648	1	101	14	4	4,560	8,480	9,730	R 18,210
2008	80	3,235	384	158	4	45	71	663	1	107	15	6	4,559	8,652	9,699	R 18,352
2009	73	3,199	395	139	4	52	71	R 661	1	109	17	R 8	4,459	8,512	9,341	17,853
2010	70	3,173	391	140	5	52	62	650	1	108	19	R 12	4,539	R 8,557	9,460	18,016
2011	62	3,226	391	R 143	3	44	54	635	(s)	112	20	R 20	4,531	R 8,594	9,345	R 17,939
2012	44	2,968	355	R 136	1	39	31	562	(s)	106	20	R 33	4,528	R 8,250	9,114	R 17,364
2013	41	3,391	343	R 152	1	40	24	560	(s)	117	20	41	4,562	8,722	9,157	17,879
2014	40	3,584	356	160	2	54	8	581	(s)	123	20	52	4,614	R 9,002	9,206	R 18,208
2015	31	3,327	R 359	148	1	376	4	R 889	(s)	126	20	57	4,643	R 9,082	9,028	R 18,110
2016	24	R 3,235	R 325	150	2	375	4	857	2	132	20	62	4,665	R 8,985	9,001	R 17,987
2017	21	3,291	322	156	1	361	4	844	2	131	20	76	4,616	8,989	8,875	17,864

^a Natural gas as it is consumed; 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 pumped-storage hydroelectricity, 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 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.
^j 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) = Value less than 0.5.
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.