

Table 2.1c Commercial Sector Energy Consumption Estimates, Selected Years, 1949-2010
(Trillion Btu)

Year	Primary Consumption ¹											Electricity Retail Sales ¹¹	Electrical System Energy Losses ¹²	Total
	Fossil Fuels				Renewable Energy ²						Total Primary			
	Coal	Natural Gas ³	Petroleum ^{4,5}	Total	Hydroelectric Power ⁶	Geothermal ⁷	Solar/PV ⁸	Wind ⁹	Biomass ¹⁰	Total				
1949	1,554	360	R735	R2,649	NA	NA	NA	NA	20	20	R2,669	200	800	R3,669
1950	1,542	401	R872	R2,815	NA	NA	NA	NA	19	19	R2,834	225	834	R3,893
1955	801	651	R1,095	R2,547	NA	NA	NA	NA	15	15	R2,561	350	984	R3,895
1960	407	1,056	R1,248	R2,711	NA	NA	NA	NA	12	12	R2,723	543	1,344	R4,609
1965	265	1,490	R1,413	R3,168	NA	NA	NA	NA	9	9	R3,177	789	1,880	R5,845
1970	165	2,473	R1,592	R4,229	NA	NA	NA	NA	8	8	R4,237	1,201	R2,908	8,346
1975	147	2,558	R1,346	R4,051	NA	NA	NA	NA	8	8	R4,059	1,598	R3,835	R9,492
1976	144	2,718	R1,500	R4,362	NA	NA	NA	NA	9	9	R4,371	1,678	R4,014	R10,063
1977	148	2,548	R1,552	R4,248	NA	NA	NA	NA	10	10	R4,258	1,754	R4,196	R10,208
1978	165	2,643	R1,490	R4,297	NA	NA	NA	NA	12	12	R4,309	1,813	R4,390	R10,512
1979	149	2,836	R1,367	R4,352	NA	NA	NA	NA	14	14	R4,366	1,854	R4,428	R10,648
1980	115	2,651	R1,318	R4,084	NA	NA	NA	NA	21	21	R4,105	1,906	R4,567	R10,578
1981	137	2,557	R1,122	R3,816	NA	NA	NA	NA	21	21	R3,837	2,033	R4,746	R10,616
1982	155	2,650	R1,037	R3,842	NA	NA	NA	NA	22	22	R3,864	2,077	R4,919	R10,860
1983	162	2,486	R1,170	R3,818	NA	NA	NA	NA	22	22	R3,840	2,116	R4,982	R10,938
1984	169	2,582	R1,227	R3,978	NA	NA	NA	NA	22	22	R4,001	2,264	R5,179	R11,444
1985	137	2,488	R1,083	R3,708	NA	NA	NA	NA	24	24	R3,732	2,351	R5,368	R11,451
1986	135	2,367	R1,162	R3,665	NA	NA	NA	NA	27	27	R3,693	2,439	R5,475	R11,606
1987	125	2,489	R1,131	R3,745	NA	NA	NA	NA	30	30	R3,774	2,539	R5,633	R11,946
1988	131	2,731	R1,099	R3,961	NA	NA	NA	NA	33	33	R3,994	2,675	R5,909	R12,578
1989	115	2,785	R1,041	R3,941	1	3	—	—	99	102	R4,043	2,767	R6,384	R13,193
1990	124	2,682	R991	R3,798	1	3	—	—	94	98	R3,896	2,860	R6,564	R13,320
1991	116	2,795	R935	R3,846	1	3	—	—	95	100	R3,945	2,918	R6,636	R13,500
1992	117	2,871	R893	R3,881	1	3	—	—	105	109	R3,991	2,900	R6,550	R13,441
1993	117	2,923	R819	R3,859	1	3	—	—	109	114	R3,973	3,019	R6,828	R13,820
1994	118	2,962	R825	R3,905	1	4	—	—	106	112	R4,016	3,116	R6,966	R14,098
1995	117	3,096	R769	R3,982	1	5	—	—	113	118	R4,101	3,252	R7,338	R14,690
1996	122	3,226	R790	R4,138	1	5	—	—	129	135	R4,273	3,344	R7,555	R15,172
1997	129	3,285	R743	R4,157	1	6	—	—	131	138	R4,295	3,503	R7,883	R15,681
1998	93	3,083	R702	R3,878	1	7	—	—	118	127	R4,005	3,678	R8,285	R15,968
1999	103	3,115	R707	R3,925	1	7	—	—	121	129	R4,053	3,766	R8,557	R16,376
2000	92	3,252	R807	R4,150	1	8	—	—	119	128	R4,278	3,956	R8,942	R17,175
2001	97	3,097	R790	R3,984	1	8	—	—	92	101	R4,084	4,062	R8,990	R17,137
2002	90	3,225	R726	R4,040	(s)	9	—	—	95	104	R4,144	4,110	R9,104	R17,358
2003	82	3,261	R827	R4,170	1	11	—	—	101	113	R4,283	4,090	R8,969	R17,343
2004	103	3,201	R809	R4,113	1	12	—	—	105	118	R4,232	4,198	R9,229	R17,659
2005	97	3,073	R761	R3,932	1	14	—	—	105	119	R4,051	4,351	R9,455	R17,856
2006	65	2,902	R663	R3,629	1	14	—	—	102	117	R3,746	4,435	R9,529	R17,710
2007	70	3,094	R649	R3,814	1	14	—	—	102	118	R3,931	4,560	R9,773	R18,264
2008	69	R3,228	R651	R3,948	1	15	(s)	—	109	125	R4,073	4,558	R9,749	R18,381
2009	R63	3,187	R682	R3,932	1	17	(s)	(s)	R112	R129	R4,061	R4,460	R9,378	R17,899
2010 ^P	58	3,276	713	4,048	1	19	(s)	(s)	108	127	4,175	4,536	9,495	18,205

¹ See "Primary Energy Consumption" in Glossary.

² Most data are estimates. See Table 10.2a for notes on series components and estimation.

³ Natural gas only; excludes the estimated portion of supplemental gaseous fuels. See Note 1, "Supplemental Gaseous Fuels," at end of Section 6.

⁴ Based on petroleum product supplied. For petroleum, product supplied is used as an approximation of petroleum consumption. See Note 1, "Petroleum Products Supplied and Petroleum Consumption," at end of Section 5.

⁵ Does not include biofuels that have been blended with petroleum—biofuels are included in "Biomass."

⁶ Conventional hydroelectricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6).

⁷ Geothermal heat pump and direct use energy.

⁸ Photovoltaic (PV) electricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6) at commercial plants with capacity of 1 megawatt or greater.

⁹ Wind electricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6).

¹⁰ Wood and wood-derived fuels; municipal solid waste from biogenic sources, landfill gas, sludge waste,

agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels); and fuel ethanol (minus denaturant).

¹¹ Electricity retail sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

¹² Total losses are calculated as the primary energy consumed by the electric power sector minus the energy content of electricity retail sales. Total losses are allocated to the end-use sectors in proportion to each sector's share of total electricity retail sales. See Note, "Electrical System Energy Losses," at end of section.

R=Revised. P=Preliminary. NA=Not available. —=No data reported. (s)=Less than 0.5 trillion Btu.

Notes: • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. See Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of Section 8. • Totals may not equal sum of components due to independent rounding.

Web Page: See <http://www.eia.gov/totalenergy/data/annual/#consumption> for all data beginning in 1949.

Sources: Tables 2.1f, 5.14a, 6.5, 7.3, 8.9, 10.2a, A4, A5, and A6.