

**Table 2.1c Commercial Sector Energy Consumption Estimates, Selected Years, 1949-2011**  
(Trillion Btu)

Year	Primary Consumption <sup>1</sup>											Total Primary	Electricity Retail Sales <sup>11</sup>	Electrical System Energy Losses <sup>12</sup>	Total
	Fossil Fuels				Renewable Energy <sup>2</sup>										
	Coal	Natural Gas <sup>3</sup>	Petroleum <sup>4,5</sup>	Total	Hydroelectric Power <sup>6</sup>	Geothermal <sup>7</sup>	Solar/PV <sup>8</sup>	Wind <sup>9</sup>	Biomass <sup>10</sup>	Total					
1949	1,554	360	735	2,649	NA	NA	NA	NA	20	20	2,669	200	800	3,669	
1950	1,542	401	872	2,815	NA	NA	NA	NA	19	19	2,834	225	834	3,893	
1955	801	651	1,095	2,547	NA	NA	NA	NA	15	15	2,561	350	984	3,895	
1960	407	1,056	1,248	2,711	NA	NA	NA	NA	12	12	2,723	543	1,344	4,609	
1965	265	1,490	1,413	3,168	NA	NA	NA	NA	9	9	3,177	789	1,880	5,845	
1970	165	2,473	1,592	4,229	NA	NA	NA	NA	8	8	4,237	1,201	2,908	8,346	
1975	147	2,558	1,346	4,051	NA	NA	NA	NA	8	8	4,059	1,598	3,835	9,492	
1976	144	2,718	1,500	4,362	NA	NA	NA	NA	9	9	4,371	1,678	4,014	10,063	
1977	148	2,548	1,552	4,248	NA	NA	NA	NA	10	10	4,258	1,754	4,196	10,208	
1978	165	2,643	1,490	4,297	NA	NA	NA	NA	12	12	4,309	1,813	4,390	10,512	
1979	149	2,836	1,367	4,352	NA	NA	NA	NA	14	14	4,366	1,854	4,428	10,648	
1980	115	2,651	1,318	4,084	NA	NA	NA	NA	21	21	4,105	1,906	4,567	10,578	
1981	137	2,557	1,122	3,816	NA	NA	NA	NA	21	21	3,837	2,033	4,746	10,616	
1982	155	2,650	1,037	3,842	NA	NA	NA	NA	22	22	3,864	2,077	4,919	10,860	
1983	162	2,486	1,170	3,818	NA	NA	NA	NA	22	22	3,840	2,116	4,982	10,938	
1984	169	2,582	1,227	3,978	NA	NA	NA	NA	22	22	4,001	2,264	5,179	11,444	
1985	137	2,488	1,083	3,708	NA	NA	NA	NA	24	24	3,732	2,351	5,368	11,451	
1986	135	2,367	1,162	3,665	NA	NA	NA	NA	27	27	3,693	2,439	5,475	11,606	
1987	125	2,489	1,131	3,745	NA	NA	NA	NA	30	30	3,774	2,539	5,633	11,946	
1988	131	2,731	1,099	3,961	NA	NA	NA	NA	33	33	3,994	2,675	5,909	12,578	
1989	115	2,785	1,041	3,941	1	3	-	-	99	102	4,043	2,767	6,384	13,193	
1990	124	2,682	991	3,798	1	3	-	-	94	98	3,896	2,860	6,564	13,320	
1991	116	2,795	935	3,846	1	3	-	-	95	100	3,945	2,918	6,636	13,500	
1992	117	2,871	893	3,881	1	3	-	-	105	109	3,991	2,900	6,550	13,441	
1993	117	2,923	819	3,859	1	3	-	-	109	114	3,973	3,019	6,828	13,820	
1994	118	2,962	825	3,905	1	4	-	-	106	112	4,016	3,116	6,966	14,098	
1995	117	3,096	769	3,982	1	5	-	-	113	118	4,101	3,252	7,338	14,690	
1996	122	3,226	790	4,138	1	5	-	-	129	135	4,273	3,344	7,555	15,172	
1997	129	3,285	743	4,157	1	6	-	-	131	138	4,295	3,503	7,883	15,681	
1998	93	3,083	702	3,878	1	7	-	-	118	127	4,005	3,678	8,285	15,968	
1999	103	3,115	707	3,925	1	7	-	-	121	129	4,053	3,766	8,557	16,376	
2000	92	3,252	807	4,150	1	8	-	-	119	128	4,278	3,956	8,942	17,175	
2001	97	3,097	790	3,984	1	8	-	-	92	101	4,084	4,062	8,990	17,137	
2002	90	R3,212	726	R4,028	(s)	9	-	-	95	104	R4,132	4,110	9,104	R17,345	
2003	82	3,261	827	4,170	1	11	-	-	101	113	4,283	4,090	8,969	17,343	
2004	103	3,201	809	4,113	1	12	-	-	105	118	4,232	4,198	9,229	17,659	
2005	97	3,073	761	3,932	1	14	-	-	105	R120	4,051	4,351	9,455	R17,857	
2006	65	2,902	663	3,629	1	14	-	-	R103	R118	R3,747	4,435	9,529	R17,711	
2007	70	R3,085	649	R3,805	1	14	-	-	R103	118	R3,922	4,560	9,773	R18,255	
2008	69	3,228	651	3,948	1	15	(s)	-	109	125	4,073	4,558	9,749	18,381	
2009	63	3,187	682	3,932	1	17	(s)	(s)	112	129	4,061	4,460	9,378	17,899	
2010	R60	R3,164	R685	R3,908	1	19	(s)	(s)	R111	R130	R4,039	R4,539	R9,501	R18,078	
2011 <sup>P</sup>	51	3,225	683	3,959	1	20	(s)	(s)	110	131	4,090	4,501	9,429	18,021	

<sup>1</sup> See "Primary Energy Consumption" in Glossary.

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

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

<sup>4</sup> 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.

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

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

<sup>7</sup> Geothermal heat pump and direct use energy.

<sup>8</sup> 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.

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

<sup>10</sup> Wood and wood-derived fuels; municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass; and fuel ethanol (minus denaturant). Through 2000, also

includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

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

<sup>12</sup> 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 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 Pages: • See <http://www.eia.gov/totalenergy/data/monthly/#consumption> for updated monthly and annual data. • See <http://www.eia.gov/totalenergy/data/annual/#consumption> for all annual data beginning in 1949.

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