

Table 2.10 Commercial Buildings Energy Consumption and Expenditure Indicators, Selected Years, 1979-2003

Energy Source and Year	Building Characteristics			Energy Consumption				Energy Expenditures			
	Number of Buildings	Total Square Feet	Square Feet per Building	Total	Per Building	Per Square Foot	Per Employee	Total	Per Building	Per Square Foot	Per Million Btu
	Thousands	Millions	Thousands	Trillion Btu	Million Btu	Thousand Btu	Million Btu	Million Nominal Dollars ¹	Thousand Nominal Dollars ¹	Nominal Dollars ¹	Nominal Dollars ¹
Major Sources ²											
1979	3,073	43,546	14.2	5,008	1,630	115.0	85.0	33,821	11.0	0.78	6.75
1983	3,185	49,471	15.5	4,856	1,525	98.2	65.7	55,764	17.5	1.13	11.48
1986	4,154	58,199	14.0	5,040	1,213	86.6	68.6	60,762	14.6	1.04	12.06
1989	4,528	63,184	14.0	5,788	1,278	91.6	81.9	70,826	15.6	1.12	12.24
1992	4,806	67,876	14.1	5,490	1,142	80.9	77.1	71,821	14.9	1.06	13.08
1995 ³	4,579	58,772	12.8	5,321	1,162	90.5	69.3	69,918	15.3	1.19	13.14
1999	4,657	67,338	14.5	5,733	1,231	85.1	70.0	81,552	17.5	1.21	14.22
2003	4,859	71,658	14.7	6,523	1,342	91.0	(⁴)	107,897	22.2	1.51	16.54
Electricity											
1979	3,001	43,153	14.4	1,908	636	44.2	32.4	23,751	7.9	.55	12.45
1983	3,052	48,327	15.8	2,129	697	44.1	28.9	39,279	12.9	.81	18.45
1986	3,965	56,508	14.3	2,390	603	42.3	32.7	47,186	11.9	.84	19.74
1989	4,294	61,563	14.3	2,773	646	45.0	39.3	55,943	13.0	.91	22.09
1992	4,611	66,525	14.4	2,609	566	39.2	36.6	57,619	12.5	.87	20.17
1995 ³	4,343	57,076	13.1	2,608	600	45.7	34.1	56,621	13.0	.99	21.71
1999	4,395	65,716	15.0	3,098	706	47.1	37.9	66,424	15.1	1.01	21.44
2003	4,617	70,181	15.2	3,559	771	50.7	(⁴)	82,783	17.9	1.18	23.26
Natural Gas											
1979	1,864	30,477	16.4	2,174	1,167	71.3	52.5	5,814	3.1	.19	2.67
1983	1,904	33,935	17.8	2,091	1,098	61.6	40.6	11,443	6.0	.34	5.47
1986	2,214	37,263	16.8	1,723	778	46.2	35.2	8,355	3.8	.22	4.85
1989	2,420	41,143	17.0	2,073	857	50.4	43.2	9,204	3.8	.22	4.44
1992	2,657	44,994	16.9	2,174	818	48.3	42.5	9,901	3.7	.22	4.55
1995 ³	2,478	38,145	15.4	1,946	785	51.0	38.7	9,018	3.6	.24	4.63
1999	2,670	45,525	17.1	2,023	758	44.4	36.0	10,609	4.0	.23	5.24
2003	2,538	48,473	19.1	2,100	828	43.3	(⁴)	16,010	6.3	.33	7.62
Fuel Oil ⁵											
1979	641	11,397	17.8	681	1,063	59.7	40.5	2,765	4.3	.24	4.06
1983	441	9,409	21.3	314	714	33.4	19.8	2,102	4.8	.22	6.68
1986	534	11,005	20.6	442	827	40.1	27.7	2,059	3.9	.19	4.66
1989	581	12,600	21.7	357	614	28.3	21.0	1,822	3.1	.14	5.11
1992	560	13,215	23.6	272	487	20.6	15.1	1,400	2.5	.11	5.14
1995 ³	607	14,421	23.7	235	387	16.3	10.2	1,175	1.9	.08	5.00
1999	434	13,285	30.6	179	412	13.5	9.1	956	2.2	.07	5.35
2003	465	16,265	35.0	228	490	14.0	(⁴)	1,826	3.9	.11	8.01
District Heat ⁶											
1979	47	3,722	79.0	201	4,267	54.0	26.5	1,267	26.9	.34	6.30
1983	64	4,643	72.9	289	4,530	62.1	34.4	2,627	41.2	.57	9.10
1986	77	4,625	59.7	422	5,446	91.2	52.4	2,620	33.8	.57	6.21
1989	98	6,578	67.0	585	5,964	89.0	56.5	3,857	39.3	.59	6.59
1992	95	5,245	55.4	435	4,596	82.9	60.9	2,901	30.7	.55	6.67
1995 ³	110	5,658	51.5	533	4,849	94.1	51.2	3,103	28.3	.55	5.83
1999	117	5,891	50.2	433	3,692	73.6	50.1	3,564	30.4	.60	8.23
2003	67	5,576	83.0	636	9,470	114.0	(⁴)	7,279	108.4	1.31	11.45

¹ See "Nominal Dollars" in Glossary.

² Includes electricity, natural gas, fuel oil, and district heat.

³ Beginning in 1995, excludes commercial buildings at multi-building manufacturing facilities, and parking garages.

⁴ Total number of employees not collected in 2003.

⁵ Distillate fuel oil, residual fuel oil, and kerosene.

⁶ Through 1983, includes purchased steam only. Beginning in 1986, includes purchased and non-purchased steam and hot water.

Note: Data are estimates. Statistics for individual fuels are for all buildings using each fuel. Statistics for major sources are for all buildings, even buildings using no major fuel.

Web Page: For related information, see <http://www.eia.doe.gov/emeu/cbecs>.

Sources: • 1979—Energy Information Administration (EIA), Form EIA-143, "Nonresidential Buildings Energy Consumption Survey." • 1983—EIA, Form EIA-788, "Nonresidential Buildings Energy Consumption Survey." • 1986—EIA, Form EIA-871, "Nonresidential Buildings Energy Consumption Survey." • 1989 forward—EIA, Form EIA-871A-F, "Commercial Buildings Energy Consumption Survey."