

Table E1A. Major Fuel Consumption (Btu) by End Use for All Buildings, 2003

	Total Major Fuel Consumption (trillion Btu)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	6,523	2,365	516	436	501	1,340	190	381	69	156	569
Building Floorspace (Square Feet)											
1,001 to 5,000	685	213	46	18	49	96	49	138	8	12	56
5,001 to 10,000	563	212	39	18	43	95	37	57	6	10	46
10,001 to 25,000	899	357	57	52	51	184	29	57	10	20	83
25,001 to 50,000	742	281	63	55	60	140	16	37	7	17	66
50,001 to 100,000	913	325	79	78	67	202	17	35	7	20	83
100,001 to 200,000	1,064	399	84	91	81	234	11	30	Q	33	89
200,001 to 500,000	751	286	58	56	69	170	14	10	8	20	61
Over 500,000	906	292	91	67	81	220	18	19	Q	25	85
Principal Building Activity											
Education	820	389	79	83	57	113	8	16	4	32	39
Food Sales	251	36	12	7	4	46	11	119	2	2	11
Food Service	427	71	29	24	67	42	105	70	2	2	16
Health Care	594	223	44	42	95	105	11	8	4	10	51
Inpatient	475	175	35	38	92	76	11	4	2	7	34
Outpatient	119	48	9	4	3	28	Q	4	2	3	17
Lodging	510	113	25	14	160	124	16	12	Q	6	36
Mercantile	1,021	269	110	68	57	308	26	49	8	11	115
Retail (Other Than Mall)	319	107	25	16	5	111	3	22	3	4	24
Enclosed and Strip Malls	702	162	85	51	53	197	24	27	5	8	91
Office	1,134	400	109	63	24	281	4	35	32	74	110
Public Assembly	370	196	38	63	4	27	3	9	Q	Q	26
Public Order and Safety	126	54	10	10	15	18	1	3	1	2	12
Religious Worship	163	98	11	5	3	17	3	6	(*)	1	19
Service	312	145	16	24	4	63	Q	9	1	3	46
Warehouse and Storage	456	194	14	20	6	132	Q	36	2	5	48
Other	286	138	18	11	4	59	Q	10	Q	5	33
Vacant	54	37	2	1	(*)	4	Q	Q	Q	(*)	8
Year Constructed											
Before 1920	303	181	7	11	17	35	17	Q	2	4	15
1920 to 1945	631	318	26	30	43	92	20	26	3	8	64
1946 to 1959	588	284	32	36	46	94	13	27	4	11	41
1960 to 1969	791	353	48	53	68	127	15	42	7	19	60
1970 to 1979	1,191	397	97	86	101	265	32	64	14	29	106
1980 to 1989	1,247	359	122	82	103	298	33	74	17	39	120
1990 to 1999	1,262	352	129	101	84	294	40	91	18	36	117
2000 to 2003	511	122	55	37	39	136	20	41	4	10	47
Census Region and Division											
Northeast	1,396	674	55	76	93	239	38	63	13	32	113
New England	345	186	10	15	20	55	Q	21	2	7	21
Middle Atlantic	1,052	488	45	60	74	184	31	42	11	25	92
Midwest	1,799	874	67	109	107	313	38	92	16	36	146
East North Central	1,343	676	46	83	77	230	28	62	12	27	102
West North Central	456	198	21	26	30	83	10	30	4	9	45
South	2,265	519	308	179	191	543	82	167	20	58	198
South Atlantic	1,241	278	162	99	100	311	40	95	12	37	106
East South Central	340	113	27	25	32	72	10	25	2	6	28
West South Central	684	128	119	54	59	160	31	47	6	15	64
West	1,063	298	86	72	109	245	33	59	20	30	112
Mountain	446	167	31	27	41	94	7	20	Q	9	43
Pacific	617	131	55	45	68	151	25	39	Q	21	69

Table E1A. Major Fuel Consumption (Btu) by End Use for All Buildings, 2003

	Total Major Fuel Consumption (trillion Btu)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	6,523	2,365	516	436	501	1,340	190	381	69	156	569
Climate Zone: 30-Year Average											
Under 2,000 CDD and --											
More than 7,000 HDD	1,086	555	27	66	67	180	22	62	9	18	80
5,500-7,000 HDD	1,929	913	75	109	127	352	46	94	17	41	154
4,000-5,499 HDD	1,243	463	78	77	95	259	37	65	19	32	118
Fewer than 4,000 HDD	1,386	328	143	108	134	330	53	101	15	35	139
2,000 CDD or More and --											
Fewer than 4,000 HDD	879	106	193	76	78	219	32	59	8	29	79
Number of Establishments											
One	4,167	1,562	289	272	362	790	139	290	42	87	334
2 to 5	1,161	460	84	74	75	245	27	55	13	26	101
6 to 10	378	135	32	25	19	89	8	11	4	18	37
11 to 20	307	82	37	25	17	82	7	11	3	8	34
More than 20	473	98	74	39	27	131	9	13	7	17	57
Currently Unoccupied	37	28	Q	(*)	Q	3	Q	Q	Q	Q	5
Energy Sources (more than one may apply)											
Electricity	6,522	2,364	516	436	501	1,340	190	381	69	156	569
Natural Gas	5,042	1,878	356	333	436	987	183	259	47	114	448
Fuel Oil	1,867	683	142	129	204	389	36	47	25	52	160
District Heat	1,029	609	34	70	60	150	Q	12	5	29	50
Energy End Uses (more than one may apply)											
Buildings with Space Heating	6,370	2,365	488	425	490	1,297	183	361	68	153	540
Buildings with Cooling	6,149	2,140	516	420	479	1,285	186	367	68	154	533
Buildings with Water Heating	6,158	2,179	493	417	501	1,262	190	362	67	152	535

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E2A. Major Fuel Consumption (Btu) Intensities by End Use for All Buildings, 2003

	Major Fuel Energy Intensity (thousand Btu/square foot)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	91.0	33.0	7.2	6.1	7.0	18.7	2.7	5.3	1.0	2.2	7.9
Building Floorspace (Square Feet)											
1,001 to 5,000	99.0	30.7	6.7	2.7	7.1	13.9	7.1	19.9	1.1	1.7	8.2
5,001 to 10,000	80.0	30.1	5.5	2.6	6.1	13.6	5.2	8.2	0.8	1.4	6.6
10,001 to 25,000	71.0	28.2	4.5	4.1	4.1	14.5	2.3	4.5	0.8	1.6	6.5
25,001 to 50,000	79.0	29.9	6.8	5.9	6.3	14.9	1.7	3.9	0.8	1.8	7.1
50,001 to 100,000	88.7	31.6	7.6	7.6	6.5	19.6	1.7	3.4	0.7	2.0	8.1
100,001 to 200,000	104.2	39.1	8.2	8.9	7.9	22.9	1.1	2.9	Q	3.2	8.7
200,001 to 500,000	100.2	38.2	7.8	7.4	9.2	22.7	1.8	1.3	1.1	2.6	8.2
Over 500,000	118.2	38.2	11.8	8.8	10.6	28.7	2.3	2.4	Q	3.2	11.1
Principal Building Activity											
Education	83.1	39.4	8.0	8.4	5.8	11.5	0.8	1.6	0.4	3.3	4.0
Food Sales	199.7	28.9	9.8	5.9	2.9	36.7	8.6	94.8	1.6	1.5	9.1
Food Service	258.3	43.1	17.4	14.8	40.4	25.4	63.5	42.1	1.0	1.0	9.5
Health Care	187.7	70.4	14.1	13.3	30.2	33.1	3.5	2.6	1.2	3.2	16.1
Inpatient	249.2	91.8	18.6	20.0	48.4	40.1	5.6	2.0	1.1	3.6	18.1
Outpatient	94.6	38.1	7.2	3.3	2.5	22.6	Q	3.5	1.3	2.6	13.2
Lodging	100.0	22.2	4.9	2.7	31.4	24.3	3.2	2.3	Q	1.2	7.0
Mercantile	91.3	24.0	9.9	6.0	5.1	27.5	2.3	4.4	0.7	1.0	10.3
Retail (Other Than Mall)	73.9	24.8	5.9	3.7	1.1	25.7	0.6	5.0	0.6	0.9	5.6
Enclosed and Strip Malls	102.2	23.6	12.4	7.5	7.7	28.6	3.4	4.0	0.8	1.1	13.2
Office	92.9	32.8	8.9	5.2	2.0	23.1	0.3	2.9	2.6	6.1	9.0
Public Assembly	93.9	49.7	9.6	15.9	1.0	7.0	0.8	2.2	Q	Q	6.5
Public Order and Safety	115.8	49.9	8.9	9.5	14.0	16.5	1.3	2.9	0.6	1.5	10.6
Religious Worship	43.5	26.2	2.9	1.4	0.8	4.4	0.8	1.7	0.1	0.2	4.9
Service	77.0	35.9	3.8	6.0	1.0	15.6	Q	2.1	0.3	0.8	11.4
Warehouse and Storage	45.2	19.3	1.3	2.0	0.6	13.1	Q	3.5	0.2	0.5	4.8
Other	164.4	79.4	10.5	6.1	2.1	34.1	Q	6.0	Q	2.9	18.9
Vacant	20.9	14.4	0.6	0.4	0.1	1.7	Q	Q	Q	0.0	3.1
Year Constructed											
Before 1920	80.2	47.7	1.8	2.9	4.4	9.1	4.4	4.4	0.5	0.9	3.9
1920 to 1945	90.4	45.5	3.8	4.4	6.2	13.2	2.9	3.7	0.4	1.2	9.1
1946 to 1959	80.9	39.1	4.5	4.9	6.3	12.9	1.9	3.7	0.6	1.5	5.7
1960 to 1969	91.5	40.8	5.6	6.1	7.8	14.7	1.7	4.8	0.8	2.2	6.9
1970 to 1979	97.0	32.3	7.9	7.0	8.3	21.6	2.6	5.2	1.1	2.3	8.6
1980 to 1989	100.0	28.8	9.8	6.6	8.2	23.9	2.7	6.0	1.3	3.1	9.6
1990 to 1999	90.2	25.2	9.2	7.2	6.0	21.0	2.9	6.5	1.3	2.6	8.4
2000 to 2003	81.6	19.4	8.8	5.9	6.3	21.7	3.3	6.5	0.7	1.6	7.4
Census Region and Division											
Northeast	99.8	48.2	3.9	5.4	6.7	17.1	2.7	4.5	0.9	2.3	8.1
New England	99.8	53.9	3.0	4.5	5.8	16.0	1.9	6.0	0.7	2.0	6.0
Middle Atlantic	99.7	46.3	4.2	5.7	7.0	17.4	3.0	4.0	1.0	2.4	8.7
Midwest	99.4	48.3	3.7	6.0	5.9	17.3	2.1	5.1	0.9	2.0	8.1
East North Central	108.1	54.4	3.7	6.7	6.2	18.5	2.2	5.0	1.0	2.2	8.2
West North Central	80.2	34.8	3.8	4.6	5.3	14.6	1.8	5.3	0.6	1.6	7.8
South	84.7	19.4	11.5	6.7	7.1	20.3	3.1	6.3	0.8	2.2	7.4
South Atlantic	88.7	19.9	11.6	7.1	7.1	22.2	2.9	6.8	0.9	2.7	7.6
East South Central	91.4	30.3	7.2	6.6	8.6	19.5	2.7	6.8	0.6	1.5	7.6
West South Central	75.8	14.2	13.2	6.0	6.5	17.7	3.5	5.2	0.7	1.7	7.1
West	82.9	23.2	6.7	5.6	8.5	19.1	2.6	4.6	1.6	2.3	8.8
Mountain	106.1	39.8	7.4	6.4	9.7	22.4	1.8	4.8	Q	2.1	10.2
Pacific	71.6	15.2	6.4	5.2	7.9	17.5	2.9	4.5	Q	2.4	8.0

Table E2A. Major Fuel Consumption (Btu) Intensities by End Use for All Buildings, 2003

	Major Fuel Energy Intensity (thousand Btu/square foot)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	91.0	33.0	7.2	6.1	7.0	18.7	2.7	5.3	1.0	2.2	7.9
Climate Zone: 30-Year Average											
Under 2,000 CDD and --											
More than 7,000 HDD	94.2	48.1	2.4	5.7	5.8	15.6	1.9	5.4	0.8	1.6	6.9
5,500-7,000 HDD	102.6	48.5	4.0	5.8	6.8	18.7	2.5	5.0	0.9	2.2	8.2
4,000-5,499 HDD	99.4	37.0	6.3	6.1	7.6	20.7	3.0	5.2	1.5	2.6	9.4
Fewer than 4,000 HDD	78.6	18.6	8.1	6.1	7.6	18.7	3.0	5.7	0.9	2.0	7.9
2,000 CDD or More and --											
Fewer than 4,000 HDD	78.6	9.5	17.3	6.8	6.9	19.5	2.9	5.3	0.8	2.6	7.0
Number of Establishments											
One	92.3	34.6	6.4	6.0	8.0	17.5	3.1	6.4	0.9	1.9	7.4
2 to 5	92.4	36.6	6.6	5.9	6.0	19.5	2.1	4.4	1.1	2.1	8.1
6 to 10	112.6	40.1	9.4	7.5	5.7	26.6	2.5	3.3	1.2	5.3	11.1
11 to 20	91.1	24.3	11.0	7.5	5.1	24.3	2.0	3.3	1.0	2.4	10.2
More than 20	93.4	19.4	14.6	7.8	5.4	26.0	1.7	2.7	1.3	3.4	11.2
Currently Unoccupied	17.2	12.8	Q	0.1	(*)	1.2	Q	Q	Q	Q	2.3
Energy Sources (more than one may apply)											
Electricity	92.9	33.7	7.4	6.2	7.1	19.1	2.7	5.4	1.0	2.2	8.1
Natural Gas	104.0	38.7	7.3	6.9	9.0	20.4	3.8	5.3	1.0	2.4	9.2
Fuel Oil	114.8	42.0	8.7	8.0	12.5	23.9	2.2	2.9	1.5	3.2	9.8
District Heat	184.6	109.3	6.0	12.6	10.8	26.9	Q	2.2	0.8	5.3	8.9
Energy End Uses (more than one may apply)											
Buildings with Space Heating	95.9	35.6	7.3	6.4	7.4	19.5	2.8	5.4	1.0	2.3	8.1
Buildings with Cooling	96.7	33.7	8.1	6.6	7.5	20.2	2.9	5.8	1.1	2.4	8.4
Buildings with Water Heating	98.0	34.7	7.8	6.6	8.0	20.1	3.0	5.8	1.1	2.4	8.5

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(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E3A. Electricity Consumption (Btu) by End Use for All Buildings, 2003

	Total Electricity Consumption (trillion Btu)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	3,559	167	481	436	88	1,340	24	381	69	156	418
Building Floorspace (Square Feet)											
1,001 to 5,000	392	19	44	18	11	96	7	138	8	12	39
5,001 to 10,000	293	18	38	18	8	95	4	57	6	10	39
10,001 to 25,000	485	26	55	52	14	184	3	57	10	20	63
25,001 to 50,000	397	18	62	55	12	140	2	37	7	17	48
50,001 to 100,000	523	28	77	78	15	202	3	35	7	20	59
100,001 to 200,000	587	23	82	91	11	234	1	30	14	33	68
200,001 to 500,000	381	11	55	56	6	170	2	10	8	20	46
Over 500,000	501	23	69	67	12	220	2	19	9	25	56
Principal Building Activity											
Education	371	15	74	83	11	113	2	16	4	32	21
Food Sales	208	6	12	7	Q	46	2	119	2	2	10
Food Service	217	10	28	24	10	42	13	70	2	2	15
Health Care	248	6	34	42	2	105	1	8	4	10	36
Inpatient	178	3	25	38	2	76	1	4	2	7	21
Outpatient	69	3	9	4	(*)	28	(*)	4	2	3	15
Lodging	235	14	24	14	12	124	2	12	Q	6	24
Mercantile	733	58	109	68	38	308	2	49	8	11	83
Retail (Other Than Mall)	211	6	25	16	2	111	(*)	22	3	4	22
Enclosed and Strip Malls	523	52	84	51	36	197	2	27	5	8	61
Office	719	33	101	63	7	281	1	35	32	74	91
Public Assembly	167	5	35	63	(*)	27	(*)	9	Q	3	23
Public Order and Safety	57	2	8	10	3	18	(*)	3	1	2	10
Religious Worship	62	3	11	5	(*)	17	(*)	6	(*)	1	18
Service	149	6	15	24	(*)	63	Q	9	1	3	28
Warehouse and Storage	244	5	13	20	2	132	Q	36	2	5	30
Other	133	2	16	11	Q	59	Q	10	Q	5	22
Vacant	15	1	2	1	Q	4	Q	(*)	Q	(*)	7
Year Constructed											
Before 1920	91	2	6	11	Q	35	1	17	2	4	12
1920 to 1945	215	4	17	30	2	92	1	26	3	8	31
1946 to 1959	247	11	28	36	5	94	2	27	4	11	30
1960 to 1969	359	13	47	53	7	127	1	42	7	19	43
1970 to 1979	689	40	89	86	18	265	4	64	14	29	80
1980 to 1989	789	42	118	82	24	298	5	74	17	39	91
1990 to 1999	823	37	123	101	22	294	7	91	18	36	93
2000 to 2003	347	17	54	37	7	136	3	41	4	10	38
Census Region and Division											
Northeast	587	33	43	76	12	239	3	63	13	32	73
New England	141	10	8	15	4	55	1	21	2	7	17
Middle Atlantic	446	23	35	60	8	184	2	42	11	25	57
Midwest	799	53	57	109	15	313	5	92	16	36	103
East North Central	574	33	38	83	10	230	4	62	12	27	74
West North Central	225	20	19	26	5	83	1	30	4	9	28
South	1,542	51	299	179	47	543	13	167	20	58	164
South Atlantic	865	31	154	99	29	311	8	95	12	37	88
East South Central	196	9	26	25	5	72	1	25	2	6	24
West South Central	481	11	118	54	13	160	4	47	6	15	52
West	631	29	82	72	14	245	3	59	20	30	77
Mountain	232	13	31	27	5	94	Q	20	Q	9	27
Pacific	399	17	51	45	9	151	2	39	14	21	50

Table E3A. Electricity Consumption (Btu) by End Use for All Buildings, 2003

	Total Electricity Consumption (trillion Btu)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	3,559	167	481	436	88	1,340	24	381	69	156	418
Climate Zone: 30-Year Average											
Under 2,000 CDD and --											
More than 7,000 HDD	468	35	26	66	9	180	3	62	9	18	59
5,500-7,000 HDD	868	58	63	109	18	352	6	94	17	41	110
4,000-5,499 HDD	645	35	66	77	14	259	3	65	19	32	75
Fewer than 4,000 HDD	890	26	136	108	27	330	7	101	15	35	105
2,000 CDD or More and --											
Fewer than 4,000 HDD	689	13	190	76	21	219	5	59	8	29	70
Number of Establishments											
One	2,138	82	272	272	43	790	19	290	42	87	242
2 to 5	616	27	80	74	14	245	3	55	13	26	78
6 to 10	229	16	30	25	9	89	1	11	4	Q	27
11 to 20	217	16	36	25	9	82	(*)	11	3	8	27
More than 20	350	25	63	39	13	131	1	13	7	17	39
Currently Unoccupied	9	Q	Q	(*)	Q	3	Q	Q	Q	Q	5
Energy Sources (more than one may apply)											
Electricity	3,559	167	481	436	88	1,340	24	381	69	156	418
Natural Gas	2,534	103	323	333	51	987	18	259	47	114	300
Fuel Oil	937	40	122	129	18	389	4	47	25	52	111
District Heat	344	5	25	70	4	150	1	12	5	29	43
Energy End Uses (more than one may apply)											
Buildings with Space Heating	3,433	167	453	425	86	1,297	23	361	68	153	402
Buildings with Cooling	3,445	163	481	420	87	1,285	24	367	68	154	396
Buildings with Water Heating	3,379	160	458	417	88	1,262	24	362	67	152	389
Annual Consumption (kilowatthours)											
10,000 or Less	13	(*)	1	1	(*)	4	(*)	2	(*)	(*)	4
10,001 to 50,000	155	8	19	10	2	55	(*)	22	3	5	29
50,001 to 100,000	187	10	23	14	4	60	1	36	4	6	28
100,001 to 500,000	812	46	94	80	23	270	11	151	15	29	94
500,001 to 1,000,000	376	17	57	49	13	134	3	45	6	14	39
1,000,001 to 5,000,000	1,137	54	162	168	29	428	5	89	19	58	125
Over 5,000,000	880	33	124	114	17	388	3	35	22	44	99

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E4A. Electricity Consumption (Btu) Intensities by End Use for All Buildings, 2003

	Electricity Energy Intensity (thousand Btu/square foot)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	50.7	2.4	6.9	6.2	1.3	19.1	0.3	5.4	1.0	2.2	6.0
Building Floorspace (Square Feet)											
1,001 to 5,000	60.6	2.9	6.8	2.8	1.7	14.8	1.1	21.2	1.2	1.8	6.0
5,001 to 10,000	44.0	2.6	5.7	2.8	1.1	14.3	0.7	8.6	0.9	1.4	5.8
10,001 to 25,000	38.8	2.1	4.4	4.1	1.1	14.7	0.2	4.5	0.8	1.6	5.1
25,001 to 50,000	43.7	2.0	6.8	6.1	1.3	15.4	0.2	4.0	0.8	1.9	5.3
50,001 to 100,000	50.9	2.7	7.5	7.6	1.4	19.6	0.3	3.4	0.7	2.0	5.8
100,001 to 200,000	57.7	2.3	8.0	8.9	1.1	23.0	0.1	2.9	1.3	3.2	6.7
200,001 to 500,000	51.8	1.5	7.4	7.5	0.8	23.0	0.2	1.3	1.1	2.7	6.2
Over 500,000	65.4	3.0	9.0	8.8	1.5	28.7	0.3	2.4	1.2	3.2	7.3
Principal Building Activity											
Education	37.6	1.5	7.5	8.4	1.1	11.5	0.2	1.6	0.4	3.3	2.1
Food Sales	168.5	5.1	9.9	6.0	Q	37.2	1.9	96.1	1.6	1.5	8.1
Food Service	130.9	6.3	17.0	14.8	6.3	25.4	8.1	42.1	1.0	1.0	8.9
Health Care	78.3	1.9	10.6	13.3	0.8	33.1	0.2	2.6	1.2	3.2	11.3
Inpatient	93.7	1.6	13.0	20.0	1.1	40.1	0.4	2.0	1.1	3.6	10.9
Outpatient	55.0	2.3	7.0	3.3	0.3	22.6	0.1	3.5	1.3	2.6	12.0
Lodging	46.1	2.8	4.7	2.7	2.3	24.3	0.4	2.3	Q	1.2	4.7
Mercantile	65.5	5.2	9.7	6.0	3.4	27.5	0.2	4.4	0.7	1.0	7.4
Retail (Other Than Mall)	48.8	1.5	5.9	3.7	0.4	25.7	0.1	5.0	0.6	0.9	5.1
Enclosed and Strip Malls	76.0	7.5	12.2	7.5	5.2	28.6	0.3	4.0	0.8	1.1	8.8
Office	58.9	2.7	8.3	5.2	0.6	23.1	0.1	2.9	2.6	6.1	7.5
Public Assembly	42.6	1.3	8.9	15.9	0.1	7.0	0.1	2.2	Q	0.8	5.8
Public Order and Safety	52.3	1.6	7.2	9.5	3.0	16.5	0.1	2.9	0.6	1.5	9.2
Religious Worship	16.6	0.8	2.8	1.4	0.1	4.4	0.1	1.7	0.1	0.2	4.9
Service	37.5	1.4	3.8	6.1	0.1	15.8	Q	2.2	0.3	0.8	7.0
Warehouse and Storage	25.9	0.5	1.4	2.2	0.2	14.0	Q	3.8	0.2	0.5	3.2
Other	76.8	1.4	9.3	6.1	0.3	34.3	Q	6.0	Q	2.9	12.6
Vacant	8.3	0.5	0.8	0.5	Q	2.4	Q	0.2	Q	0.1	3.7
Year Constructed											
Before 1920	24.2	0.5	1.7	2.9	Q	9.2	0.3	4.5	0.6	0.9	3.2
1920 to 1945	32.1	0.7	2.5	4.5	0.4	13.8	0.2	3.9	0.4	1.2	4.6
1946 to 1959	35.0	1.5	4.0	5.1	0.8	13.3	0.3	3.8	0.6	1.6	4.2
1960 to 1969	41.8	1.6	5.4	6.2	0.9	14.8	0.1	4.8	0.8	2.2	5.0
1970 to 1979	57.1	3.3	7.4	7.1	1.5	22.0	0.3	5.3	1.1	2.4	6.7
1980 to 1989	64.2	3.4	9.6	6.7	2.0	24.2	0.4	6.0	1.4	3.2	7.4
1990 to 1999	60.1	2.7	9.0	7.3	1.6	21.4	0.5	6.7	1.3	2.7	6.8
2000 to 2003	57.6	2.9	8.9	6.2	1.2	22.5	0.5	6.7	0.7	1.6	6.3
Census Region and Division											
Northeast	42.2	2.4	3.1	5.5	0.9	17.2	0.2	4.5	0.9	2.3	5.3
New England	41.1	2.9	2.4	4.5	1.3	16.1	0.3	6.1	0.7	2.0	4.9
Middle Atlantic	42.6	2.2	3.4	5.8	0.7	17.5	0.1	4.0	1.0	2.4	5.4
Midwest	45.1	3.0	3.2	6.2	0.9	17.7	0.3	5.2	0.9	2.0	5.8
East North Central	47.0	2.7	3.1	6.8	0.8	18.9	0.3	5.1	1.0	2.2	6.1
West North Central	40.8	3.6	3.4	4.8	0.9	15.0	0.2	5.4	0.7	1.6	5.1
South	59.3	2.0	11.5	6.9	1.8	20.9	0.5	6.4	0.8	2.2	6.3
South Atlantic	62.5	2.2	11.1	7.2	2.1	22.5	0.6	6.9	0.9	2.7	6.4
East South Central	55.2	2.4	7.5	6.9	1.5	20.4	Q	7.1	0.6	1.6	6.8
West South Central	55.7	1.3	13.7	6.3	1.5	18.5	0.4	5.5	0.7	1.7	6.0
West	50.3	2.3	6.5	5.7	1.1	19.5	0.3	4.7	1.6	2.4	6.2
Mountain	55.7	3.1	7.3	6.5	1.1	22.6	0.2	4.8	Q	2.2	6.4
Pacific	47.7	2.0	6.1	5.4	1.1	18.0	0.3	4.6	1.7	2.5	6.0

Table E4A. Electricity Consumption (Btu) Intensities by End Use for All Buildings, 2003

	Electricity Energy Intensity (thousand Btu/square foot)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	50.7	2.4	6.9	6.2	1.3	19.1	0.3	5.4	1.0	2.2	6.0
Climate Zone: 30-Year Average											
Under 2,000 CDD and --											
More than 7,000 HDD	41.4	3.1	2.3	5.9	0.8	16.0	0.2	5.5	0.8	1.6	5.3
5,500-7,000 HDD	46.8	3.1	3.4	5.9	1.0	19.0	0.3	5.1	0.9	2.2	5.9
4,000-5,499 HDD	52.1	2.9	5.3	6.2	1.1	20.9	0.3	5.3	1.5	2.6	6.0
Fewer than 4,000 HDD	52.1	1.5	8.0	6.3	1.6	19.4	0.4	5.9	0.9	2.1	6.1
2,000 CDD or More and --											
Fewer than 4,000 HDD	63.3	1.2	17.5	7.0	1.9	20.1	0.5	5.4	0.8	2.7	6.4
Number of Establishments											
One	48.2	1.8	6.1	6.1	1.0	17.8	0.4	6.5	0.9	2.0	5.5
2 to 5	49.2	2.2	6.4	5.9	1.1	19.6	0.2	4.4	1.1	2.1	6.2
6 to 10	68.3	4.6	8.9	7.5	2.8	26.6	0.2	3.3	1.2	5.3	8.0
11 to 20	64.5	4.8	10.6	7.5	2.6	24.3	0.1	3.3	1.0	2.4	8.1
More than 20	69.1	4.9	12.4	7.8	2.7	26.0	0.3	2.7	1.3	3.4	7.8
Currently Unoccupied	6.2	Q	Q	0.2	Q	1.7	Q	Q	Q	Q	3.1
Energy Sources (more than one may apply)											
Electricity	50.7	2.4	6.9	6.2	1.3	19.1	0.3	5.4	1.0	2.2	6.0
Natural Gas	52.3	2.1	6.7	6.9	1.1	20.4	0.4	5.3	1.0	2.4	6.2
Fuel Oil	57.7	2.4	7.5	8.0	1.1	23.9	0.3	2.9	1.5	3.2	6.8
District Heat	61.8	0.9	4.5	12.6	0.7	26.9	0.2	2.2	0.8	5.3	7.7
Energy End Uses (more than one may apply)											
Buildings with Space Heating	51.7	2.5	6.8	6.4	1.3	19.5	0.3	5.4	1.0	2.3	6.1
Buildings with Cooling	54.2	2.6	7.6	6.6	1.4	20.2	0.4	5.8	1.1	2.4	6.2
Buildings with Water Heating	53.8	2.5	7.3	6.6	1.4	20.1	0.4	5.8	1.1	2.4	6.2
Annual Consumption (kilowatthours)											
10,000 or Less	4.6	0.1	0.4	0.3	(*)	1.5	(*)	0.7	(*)	0.1	1.4
10,001 to 50,000	16.7	0.8	2.1	1.1	0.3	6.0	(*)	2.4	0.4	0.5	3.1
50,001 to 100,000	27.8	1.4	3.5	2.1	0.6	9.0	0.2	5.3	0.6	0.9	4.2
100,001 to 500,000	46.1	2.6	5.4	4.5	1.3	15.3	0.6	8.6	0.8	1.6	5.3
500,001 to 1,000,000	51.0	2.2	7.8	6.6	1.7	18.2	0.5	6.1	0.8	1.9	5.3
1,000,001 to 5,000,000	72.8	3.5	10.4	10.8	1.9	27.4	0.3	5.7	1.2	3.7	8.0
Over 5,000,000	81.9	3.1	11.5	10.6	1.6	36.1	0.3	3.3	2.1	4.1	9.3

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E5A. Electricity Consumption (kWh) by End Use for All Buildings, 2003

	Total Electricity Consumption (billion kWh)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	1,043	49	141	128	26	393	7	112	20	46	122
Building Floorspace (Square Feet)											
1,001 to 5,000	115	6	13	5	3	28	2	40	2	3	11
5,001 to 10,000	86	5	11	5	2	28	1	17	2	3	11
10,001 to 25,000	142	8	16	15	4	54	1	17	3	6	19
25,001 to 50,000	116	5	18	16	3	41	(*)	11	2	5	14
50,001 to 100,000	153	8	22	23	4	59	1	10	2	6	17
100,001 to 200,000	172	7	24	27	3	68	(*)	9	4	10	20
200,001 to 500,000	112	3	16	16	2	50	(*)	3	2	6	13
Over 500,000	147	7	20	20	3	64	1	5	3	7	16
Principal Building Activity											
Education	109	4	22	24	3	33	(*)	5	1	9	6
Food Sales	61	2	4	2	Q	14	1	35	1	1	3
Food Service	63	3	8	7	3	12	4	20	(*)	1	4
Health Care	73	2	10	12	1	31	(*)	2	1	3	11
Inpatient	52	1	7	11	1	22	(*)	1	1	2	6
Outpatient	20	1	3	1	(*)	8	(*)	1	(*)	1	4
Lodging	69	4	7	4	3	36	1	3	Q	2	7
Mercantile	215	17	32	20	11	90	1	14	2	3	24
Retail (Other Than Mall)	62	2	7	5	1	33	(*)	6	1	1	6
Enclosed and Strip Malls	153	15	25	15	11	58	1	8	2	2	18
Office	211	10	30	18	2	82	(*)	10	9	22	27
Public Assembly	49	1	10	18	(*)	8	(*)	3	Q	1	7
Public Order and Safety	17	1	2	3	1	5	(*)	1	(*)	(*)	3
Religious Worship	18	1	3	2	(*)	5	(*)	2	(*)	(*)	5
Service	44	2	4	7	(*)	18	Q	3	(*)	1	8
Warehouse and Storage	72	1	4	6	1	39	Q	10	1	1	9
Other	39	1	5	3	Q	17	Q	3	Q	1	6
Vacant	4	(*)	(*)	(*)	Q	1	Q	(*)	Q	(*)	2
Year Constructed											
Before 1920	27	1	2	3	Q	10	(*)	5	1	1	4
1920 to 1945	63	1	5	9	1	27	(*)	8	1	2	9
1946 to 1959	72	3	8	10	2	27	1	8	1	3	9
1960 to 1969	105	4	14	16	2	37	(*)	12	2	6	13
1970 to 1979	202	12	26	25	5	78	1	19	4	8	24
1980 to 1989	231	12	34	24	7	87	1	22	5	11	27
1990 to 1999	241	11	36	29	7	86	2	27	5	11	27
2000 to 2003	102	5	16	11	2	40	1	12	1	3	11
Census Region and Division											
Northeast	172	10	13	22	3	70	1	18	4	9	22
New England	41	3	2	5	1	16	(*)	6	1	2	5
Middle Atlantic	131	7	10	18	2	54	(*)	12	3	7	17
Midwest	234	15	17	32	4	92	2	27	5	11	30
East North Central	168	10	11	24	3	67	1	18	3	8	22
West North Central	66	6	6	8	1	24	(*)	9	1	3	8
South	452	15	88	52	14	159	4	49	6	17	48
South Atlantic	254	9	45	29	9	91	2	28	4	11	26
East South Central	57	3	8	7	2	21	(*)	7	1	2	7
West South Central	141	3	35	16	4	47	1	14	2	4	15
West	185	9	24	21	4	72	1	17	6	9	23
Mountain	68	4	9	8	1	28	Q	6	Q	3	8
Pacific	117	5	15	13	3	44	1	11	4	6	15

Table E5A. Electricity Consumption (kWh) by End Use for All Buildings, 2003

	Total Electricity Consumption (billion kWh)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	1,043	49	141	128	26	393	7	112	20	46	122
Climate Zone: 30-Year Average											
Under 2,000 CDD and --											
More than 7,000 HDD	137	10	8	19	3	53	1	18	3	5	17
5,500-7,000 HDD	254	17	19	32	5	103	2	28	5	12	32
4,000-5,499 HDD	189	10	19	22	4	76	1	19	6	9	22
Fewer than 4,000 HDD	261	8	40	32	8	97	2	30	4	10	31
2,000 CDD or More and --											
Fewer than 4,000 HDD	202	4	56	22	6	64	1	17	2	9	20
Number of Establishments											
One	627	24	80	80	13	231	6	85	12	25	71
2 to 5	180	8	24	22	4	72	1	16	4	8	23
6 to 10	67	5	9	7	3	26	(*)	3	1	Q	8
11 to 20	64	5	10	7	3	24	(*)	3	1	2	8
More than 20	103	7	18	12	4	38	(*)	4	2	5	12
Currently Unoccupied	3	Q	Q	(*)	Q	1	Q	Q	Q	Q	1
Energy Sources (more than one may apply)											
Electricity	1,043	49	141	128	26	393	7	112	20	46	122
Natural Gas	743	30	95	98	15	289	5	76	14	33	88
Fuel Oil	275	12	36	38	5	114	1	14	7	15	33
District Heat	101	2	7	21	1	44	(*)	4	1	9	13
Energy End Uses (more than one may apply)											
Buildings with Space Heating	1,006	49	133	125	25	380	7	106	20	45	118
Buildings with Cooling	1,010	48	141	123	26	377	7	108	20	45	116
Buildings with Water Heating	990	47	134	122	26	370	7	106	20	45	114
Annual Consumption (kilowatthours)											
10,000 or Less	4	(*)	(*)	(*)	(*)	1	(*)	1	(*)	(*)	1
10,001 to 50,000	45	2	6	3	1	16	(*)	7	1	1	8
50,001 to 100,000	55	3	7	4	1	18	(*)	11	1	2	8
100,001 to 500,000	238	13	28	23	7	79	3	44	4	8	27
500,001 to 1,000,000	110	5	17	14	4	39	1	13	2	4	11
1,000,001 to 5,000,000	333	16	47	49	8	125	1	26	5	17	37
Over 5,000,000	258	10	36	33	5	114	1	10	7	13	29

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E6A. Electricity Consumption (kWh) Intensities by End Use for All Buildings, 2003

	Electricity Energy Intensity (kWh/square foot)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	14.9	0.7	2.0	1.8	0.4	5.6	0.1	1.6	0.3	0.7	1.7
Building Floorspace (Square Feet)											
1,001 to 5,000	17.8	0.9	2.0	0.8	0.5	4.4	0.3	6.2	0.4	0.5	1.8
5,001 to 10,000	12.9	0.8	1.7	0.8	0.3	4.2	0.2	2.5	0.3	0.4	1.7
10,001 to 25,000	11.4	0.6	1.3	1.2	0.3	4.3	0.1	1.3	0.2	0.5	1.5
25,001 to 50,000	12.8	0.6	2.0	1.8	0.4	4.5	0.1	1.2	0.2	0.6	1.5
50,001 to 100,000	14.9	0.8	2.2	2.2	0.4	5.8	0.1	1.0	0.2	0.6	1.7
100,001 to 200,000	16.9	0.7	2.4	2.6	0.3	6.7	(*)	0.9	0.4	0.9	2.0
200,001 to 500,000	15.2	0.4	2.2	2.2	0.2	6.8	0.1	0.4	0.3	0.8	1.8
Over 500,000	19.2	0.9	2.6	2.6	0.4	8.4	0.1	0.7	0.3	0.9	2.1
Principal Building Activity											
Education	11.0	0.5	2.2	2.5	0.3	3.4	(*)	0.5	0.1	1.0	0.6
Food Sales	49.4	1.5	2.9	1.8	Q	10.9	0.6	28.2	0.5	0.4	2.4
Food Service	38.4	1.8	5.0	4.3	1.8	7.5	2.4	12.3	0.3	0.3	2.6
Health Care	22.9	0.5	3.1	3.9	0.2	9.7	0.1	0.8	0.3	0.9	3.3
Inpatient	27.5	0.5	3.8	5.9	0.3	11.7	0.1	0.6	0.3	1.0	3.2
Outpatient	16.1	0.7	2.1	1.0	0.1	6.6	(*)	1.0	0.4	0.8	3.5
Lodging	13.5	0.8	1.4	0.8	0.7	7.1	0.1	0.7	Q	0.4	1.4
Mercantile	19.2	1.5	2.9	1.8	1.0	8.1	0.1	1.3	0.2	0.3	2.2
Retail (Other Than Mall)	14.3	0.4	1.7	1.1	0.1	7.5	(*)	1.5	0.2	0.3	1.5
Enclosed and Strip Malls	22.3	2.2	3.6	2.2	1.5	8.4	0.1	1.2	0.2	0.3	2.6
Office	17.3	0.8	2.4	1.5	0.2	6.8	(*)	0.8	0.8	1.8	2.2
Public Assembly	12.5	0.4	2.6	4.7	(*)	2.0	(*)	0.7	Q	0.2	1.7
Public Order and Safety	15.3	0.5	2.1	2.8	0.9	4.8	(*)	0.9	0.2	0.4	2.7
Religious Worship	4.9	0.2	0.8	0.4	(*)	1.3	(*)	0.5	(*)	0.1	1.4
Service	11.0	0.4	1.1	1.8	(*)	4.6	Q	0.6	0.1	0.2	2.1
Warehouse and Storage	7.6	0.2	0.4	0.6	0.1	4.1	Q	1.1	0.1	0.1	0.9
Other	22.5	0.4	2.7	1.8	0.1	10.1	Q	1.8	Q	0.9	3.7
Vacant	2.4	0.1	0.2	0.2	Q	0.7	Q	0.1	Q	(*)	1.1
Year Constructed											
Before 1920	7.1	0.2	0.5	0.9	Q	2.7	0.1	1.3	0.2	0.3	0.9
1920 to 1945	9.4	0.2	0.7	1.3	0.1	4.0	0.1	1.1	0.1	0.4	1.3
1946 to 1959	10.2	0.4	1.2	1.5	0.2	3.9	0.1	1.1	0.2	0.5	1.2
1960 to 1969	12.3	0.5	1.6	1.8	0.3	4.3	(*)	1.4	0.2	0.6	1.5
1970 to 1979	16.7	1.0	2.2	2.1	0.4	6.4	0.1	1.6	0.3	0.7	2.0
1980 to 1989	18.8	1.0	2.8	2.0	0.6	7.1	0.1	1.8	0.4	0.9	2.2
1990 to 1999	17.6	0.8	2.6	2.2	0.5	6.3	0.1	2.0	0.4	0.8	2.0
2000 to 2003	16.9	0.8	2.6	1.8	0.4	6.6	0.1	2.0	0.2	0.5	1.9
Census Region and Division											
Northeast	12.4	0.7	0.9	1.6	0.3	5.0	0.1	1.3	0.3	0.7	1.5
New England	12.0	0.8	0.7	1.3	0.4	4.7	0.1	1.8	0.2	0.6	1.4
Middle Atlantic	12.5	0.7	1.0	1.7	0.2	5.1	(*)	1.2	0.3	0.7	1.6
Midwest	13.2	0.9	0.9	1.8	0.2	5.2	0.1	1.5	0.3	0.6	1.7
East North Central	13.8	0.8	0.9	2.0	0.2	5.5	0.1	1.5	0.3	0.7	1.8
West North Central	12.0	1.1	1.0	1.4	0.3	4.4	0.1	1.6	0.2	0.5	1.5
South	17.4	0.6	3.4	2.0	0.5	6.1	0.1	1.9	0.2	0.7	1.8
South Atlantic	18.3	0.7	3.3	2.1	0.6	6.6	0.2	2.0	0.3	0.8	1.9
East South Central	16.2	0.7	2.2	2.0	0.4	6.0	Q	2.1	0.2	0.5	2.0
West South Central	16.3	0.4	4.0	1.8	0.4	5.4	0.1	1.6	0.2	0.5	1.8
West	14.7	0.7	1.9	1.7	0.3	5.7	0.1	1.4	0.5	0.7	1.8
Mountain	16.3	0.9	2.2	1.9	0.3	6.6	0.1	1.4	Q	0.6	1.9
Pacific	14.0	0.6	1.8	1.6	0.3	5.3	0.1	1.4	0.5	0.7	1.8

Table E6A. Electricity Consumption (kWh) Intensities by End Use for All Buildings, 2003

	Electricity Energy Intensity (kWh/square foot)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
All Buildings	14.9	0.7	2.0	1.8	0.4	5.6	0.1	1.6	0.3	0.7	1.7
Climate Zone: 30-Year Average											
Under 2,000 CDD and --											
More than 7,000 HDD	12.1	0.9	0.7	1.7	0.2	4.7	0.1	1.6	0.2	0.5	1.5
5,500-7,000 HDD	13.7	0.9	1.0	1.7	0.3	5.6	0.1	1.5	0.3	0.6	1.7
4,000-5,499 HDD	15.3	0.8	1.6	1.8	0.3	6.1	0.1	1.5	0.5	0.8	1.8
Fewer than 4,000 HDD	15.3	0.5	2.3	1.8	0.5	5.7	0.1	1.7	0.3	0.6	1.8
2,000 CDD or More and --											
Fewer than 4,000 HDD	18.5	0.3	5.1	2.0	0.6	5.9	0.1	1.6	0.2	0.8	1.9
Number of Establishments											
One	14.1	0.5	1.8	1.8	0.3	5.2	0.1	1.9	0.3	0.6	1.6
2 to 5	14.4	0.6	1.9	1.7	0.3	5.7	0.1	1.3	0.3	0.6	1.8
6 to 10	20.0	1.4	2.6	2.2	0.8	7.8	(*)	1.0	0.4	1.6	2.3
11 to 20	18.9	1.4	3.1	2.2	0.8	7.1	(*)	1.0	0.3	0.7	2.4
More than 20	20.3	1.4	3.6	2.3	0.8	7.6	0.1	0.8	0.4	1.0	2.3
Currently Unoccupied	1.8	Q	Q	(*)	Q	0.5	Q	Q	Q	Q	0.9
Energy Sources (more than one may apply)											
Electricity	14.9	0.7	2.0	1.8	0.4	5.6	0.1	1.6	0.3	0.7	1.7
Natural Gas	15.3	0.6	2.0	2.0	0.3	6.0	0.1	1.6	0.3	0.7	1.8
Fuel Oil	16.9	0.7	2.2	2.3	0.3	7.0	0.1	0.8	0.5	0.9	2.0
District Heat	18.1	0.3	1.3	3.7	0.2	7.9	(*)	0.7	0.2	1.5	2.3
Energy End Uses (more than one may apply)											
Buildings with Space Heating	15.2	0.7	2.0	1.9	0.4	5.7	0.1	1.6	0.3	0.7	1.8
Buildings with Cooling	15.9	0.8	2.2	1.9	0.4	5.9	0.1	1.7	0.3	0.7	1.8
Buildings with Water Heating	15.8	0.7	2.1	1.9	0.4	5.9	0.1	1.7	0.3	0.7	1.8
Annual Consumption (kilowatthours)											
10,000 or Less	1.3	(*)	0.1	0.1	(*)	0.4	(*)	0.2	(*)	(*)	0.4
10,001 to 50,000	4.9	0.2	0.6	0.3	0.1	1.8	(*)	0.7	0.1	0.2	0.9
50,001 to 100,000	8.1	0.4	1.0	0.6	0.2	2.6	0.1	1.6	0.2	0.3	1.2
100,001 to 500,000	13.5	0.8	1.6	1.3	0.4	4.5	0.2	2.5	0.2	0.5	1.6
500,001 to 1,000,000	15.0	0.7	2.3	1.9	0.5	5.3	0.1	1.8	0.2	0.5	1.5
1,000,001 to 5,000,000	21.4	1.0	3.0	3.2	0.5	8.0	0.1	1.7	0.4	1.1	2.3
Over 5,000,000	24.0	0.9	3.4	3.1	0.5	10.6	0.1	1.0	0.6	1.2	2.7

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E7A. Natural Gas Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

	Total Natural Gas Consumption (trillion Btu)					Natural Gas Energy Intensity (thousand Btu/square foot)				
	Total	Space Heating	Water Heating	Cooking	Other	Total	Space Heating	Water Heating	Cooking	Other
All Buildings	2,100	1,420	348	164	168	43.3	29.3	7.2	3.4	3.5
Building Floorspace (Square Feet)										
1,001 to 5,000	257	161	36	42	18	81.0	50.6	11.3	13.3	5.8
5,001 to 10,000	224	152	33	32	7	56.5	38.3	8.4	8.1	1.7
10,001 to 25,000	353	273	35	26	19	45.2	34.9	4.5	3.3	2.4
25,001 to 50,000	278	202	43	14	Q	42.2	30.6	6.5	2.1	3.0
50,001 to 100,000	277	192	47	14	25	36.9	25.6	6.2	1.8	3.3
100,001 to 200,000	275	187	58	10	20	36.5	24.8	7.7	1.3	2.7
200,001 to 500,000	211	138	44	11	17	35.8	23.4	7.5	1.9	2.9
Over 500,000	224	115	52	14	42	37.5	19.3	8.7	2.4	7.0
Principal Building Activity										
Education	268	207	37	5	19	38.1	29.5	5.2	0.7	2.7
Food Sales	39	27	2	8	Q	51.7	35.6	3.2	11.2	Q
Food Service	203	54	56	91	Q	145.6	39.0	40.0	65.4	Q
Health Care	243	136	74	10	23	95.3	53.6	28.9	3.8	9.1
Inpatient	204	103	71	9	21	113.2	56.8	39.4	5.2	11.9
Outpatient	38	34	3	Q	Q	51.8	45.6	3.5	Q	Q
Lodging	215	64	124	14	Q	50.4	15.0	29.2	3.3	Q
Mercantile	264	188	19	24	33	33.5	23.9	2.4	3.1	4.1
Retail (Other Than Mall)	91	84	3	3	2	31.9	29.3	1.0	0.9	0.7
Enclosed and Strip Malls	172	104	16	22	31	34.4	20.9	3.1	4.3	6.1
Office	269	230	13	3	23	32.8	28.1	1.6	0.3	2.8
Public Assembly	102	92	2	3	Q	37.5	33.8	0.9	1.0	Q
Public Order and Safety	29	15	10	Q	Q	45.0	24.1	15.1	Q	Q
Religious Worship	82	77	2	3	Q	31.2	29.1	0.9	1.0	Q
Service	139	119	2	Q	17	55.8	47.8	0.9	Q	Q
Warehouse and Storage	132	111	4	Q	Q	24.1	20.2	0.7	Q	Q
Other	87	72	2	Q	12	69.7	57.9	1.7	Q	9.4
Vacant	28	26	Q	Q	Q	23.7	22.0	Q	Q	Q
Year Constructed										
Before 1920	143	114	12	15	Q	51.7	41.0	4.4	5.5	Q
1920 to 1945	232	152	24	18	38	48.6	31.8	5.1	3.8	7.9
1946 to 1959	223	163	35	11	14	45.9	33.5	7.2	2.4	2.8
1960 to 1969	276	200	47	12	17	44.9	32.6	7.6	2.0	2.7
1970 to 1979	402	272	72	28	30	45.7	31.0	8.2	3.1	3.4
1980 to 1989	339	207	72	28	31	43.3	26.4	9.2	3.6	4.0
1990 to 1999	345	226	58	33	27	37.5	24.6	6.3	3.6	3.0
2000 to 2003	140	86	28	17	9	34.3	21.0	6.9	4.2	2.2
Census Region and Division										
Northeast	462	332	51	34	45	45.5	32.7	5.1	3.3	4.4
New England	87	69	Q	Q	5	46.8	36.9	4.3	2.8	2.9
Middle Atlantic	375	263	44	29	39	45.2	31.7	5.2	3.5	4.7
Midwest	751	589	82	32	47	53.1	41.7	5.8	2.3	3.3
East North Central	567	452	62	23	30	54.8	43.7	6.0	2.2	2.9
West North Central	184	137	20	9	Q	48.5	36.2	5.4	2.4	4.5
South	527	291	129	68	38	34.5	19.1	8.4	4.5	2.5
South Atlantic	246	132	60	32	22	33.7	18.1	8.2	4.4	3.0
East South Central	107	69	25	8	5	42.6	27.4	10.0	3.3	1.8
West South Central	174	90	44	28	12	31.8	16.5	8.0	5.1	2.2
West	360	208	85	29	38	40.5	23.4	9.6	3.3	4.3
Mountain	190	132	35	6	17	58.4	40.5	10.8	2.0	5.1
Pacific	170	76	50	23	21	30.1	13.5	8.9	4.0	3.8

Table E7A. Natural Gas Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

	Total Natural Gas Consumption (trillion Btu)					Natural Gas Energy Intensity (thousand Btu/square foot)				
	Total	Space Heating	Water Heating	Cooking	Other	Total	Space Heating	Water Heating	Cooking	Other
All Buildings	2,100	1,420	348	164	168	43.3	29.3	7.2	3.4	3.5
Climate Zone: 30-Year Average										
Under 2,000 CDD and --										
More than 7,000 HDD	468	381	48	18	20	55.2	44.9	5.7	2.2	2.4
5,500-7,000 HDD	737	553	96	40	49	52.2	39.1	6.8	2.8	3.5
4,000-5,499 HDD	368	231	55	32	49	41.0	25.8	6.1	3.6	5.5
Fewer than 4,000 HDD	389	209	96	46	39	33.0	17.7	8.1	3.9	3.3
2,000 CDD or More and --										
Fewer than 4,000 HDD	138	46	54	27	11	27.1	9.0	10.5	5.4	2.2
Number of Establishments										
One	1,462	971	275	118	98	47.9	31.8	9.0	3.9	3.2
2 to 5	359	265	45	24	24	41.2	30.5	5.2	2.7	2.8
6 to 10	95	68	9	8	11	39.8	28.5	3.7	3.1	4.4
11 to 20	69	47	8	6	8	31.1	21.0	3.5	2.9	3.7
More than 20	96	52	11	7	Q	26.1	14.0	3.0	2.0	Q
Currently Unoccupied	18	17	(*)	Q	Q	19.4	18.5	0.1	Q	Q
Energy Sources (more than one may apply)										
Electricity	2,100	1,420	348	164	168	43.3	29.3	7.2	3.4	3.5
Natural Gas	2,100	1,420	348	164	168	43.3	29.3	7.2	3.4	3.5
Fuel Oil	523	291	147	30	55	46.3	25.7	13.0	2.7	4.8
District Heat	48	24	10	7	6	18.6	9.4	4.0	2.8	2.4
Energy End Uses (more than one may apply)										
Buildings with Space Heating	2,077	1,420	343	158	155	43.4	29.7	7.2	3.3	3.3
Buildings with Cooling	1,987	1,337	335	160	155	43.3	29.1	7.3	3.5	3.4
Buildings with Water Heating	2,035	1,361	348	163	163	44.4	29.7	7.6	3.6	3.6
Annual Consumption (hundred cubic feet)										
1,000 or Less	37	31	4	1	Q	8.4	7.0	1.0	0.3	Q
1,001 to 5,000	265	218	25	16	6	25.5	21.0	2.4	1.6	0.6
5,001 to 10,000	274	192	36	36	9	39.4	27.6	5.2	5.2	1.3
10,001 to 25,000	402	261	65	47	30	46.8	30.4	7.5	5.4	3.5
25,001 to 50,000	334	223	49	33	28	49.1	32.8	7.2	4.9	4.2
50,001 to 100,000	242	159	42	10	31	51.2	33.7	8.9	2.1	6.6
Over 100,000	546	336	127	20	63	82.4	50.8	19.2	3.0	9.5

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E8A. Natural Gas Consumption (cubic feet) and Energy Intensities by End Use for All Buildings, 2003

	Total Natural Gas Consumption (billion cubic feet)					Natural Gas Energy Intensity (cubic feet/square foot)				
	Total	Space Heating	Water Heating	Cooking	Other	Total	Space Heating	Water Heating	Cooking	Other
All Buildings	2,037	1,378	338	159	163	42.0	28.4	7.0	3.3	3.4
Building Floorspace (Square Feet)										
1,001 to 5,000	249	156	35	41	18	78.6	49.1	11.0	12.9	5.6
5,001 to 10,000	218	147	32	31	7	54.8	37.1	8.1	7.9	1.7
10,001 to 25,000	343	265	34	25	18	43.8	33.9	4.4	3.2	2.3
25,001 to 50,000	270	196	41	13	Q	40.9	29.7	6.3	2.0	2.9
50,001 to 100,000	269	186	45	13	24	35.8	24.8	6.0	1.8	3.2
100,001 to 200,000	267	182	56	10	19	35.4	24.1	7.4	1.3	2.6
200,001 to 500,000	204	134	43	11	17	34.7	22.7	7.3	1.8	2.9
Over 500,000	217	112	51	14	41	36.4	18.7	8.5	2.3	6.8
Principal Building Activity										
Education	260	201	36	5	18	36.9	28.6	5.1	0.7	2.6
Food Sales	37	26	2	8	Q	50.2	34.5	3.1	10.9	Q
Food Service	197	53	54	89	Q	141.2	37.8	38.8	63.5	Q
Health Care	235	132	71	9	22	92.5	51.9	28.1	3.7	8.8
Inpatient	198	99	69	9	21	109.8	55.1	38.2	5.0	11.5
Outpatient	37	33	2	Q	Q	50.2	44.3	3.4	Q	Q
Lodging	208	62	121	14	Q	48.9	14.6	28.3	3.2	Q
Mercantile	256	183	18	23	32	32.5	23.2	2.3	3.0	4.0
Retail (Other Than Mall)	89	81	3	2	2	30.9	28.4	1.0	0.8	0.7
Enclosed and Strip Malls	167	101	15	21	30	33.4	20.2	3.0	4.2	5.9
Office	261	223	13	2	22	31.8	27.2	1.6	0.3	2.7
Public Assembly	99	89	2	3	Q	36.4	32.8	0.9	1.0	Q
Public Order and Safety	28	15	9	Q	Q	43.7	23.3	14.7	Q	Q
Religious Worship	80	74	2	3	Q	30.3	28.3	0.9	1.0	Q
Service	135	116	2	Q	17	54.1	46.3	0.9	Q	Q
Warehouse and Storage	128	108	4	Q	Q	23.4	19.6	0.7	Q	Q
Other	85	70	2	Q	11	67.6	56.1	1.6	Q	9.1
Vacant	27	25	Q	Q	Q	23.0	21.3	Q	Q	Q
Year Constructed										
Before 1920	139	110	12	15	Q	50.2	39.8	4.2	5.3	Q
1920 to 1945	225	147	24	18	37	47.1	30.8	4.9	3.7	7.7
1946 to 1959	216	158	34	11	13	44.5	32.5	6.9	2.3	2.7
1960 to 1969	268	194	45	12	16	43.6	31.6	7.3	2.0	2.6
1970 to 1979	390	264	70	27	29	44.3	30.0	8.0	3.0	3.3
1980 to 1989	328	201	70	28	30	42.0	25.7	8.9	3.5	3.9
1990 to 1999	334	220	56	32	27	36.3	23.9	6.1	3.5	2.9
2000 to 2003	136	83	27	17	9	33.2	20.4	6.7	4.1	2.1
Census Region and Division										
Northeast	448	322	50	33	43	44.1	31.7	4.9	3.2	4.3
New England	85	67	Q	Q	5	45.4	35.8	4.1	2.7	2.8
Middle Atlantic	364	255	42	28	38	43.8	30.8	5.1	3.4	4.6
Midwest	728	571	80	31	45	51.5	40.4	5.7	2.2	3.2
East North Central	550	439	60	23	29	53.1	42.3	5.8	2.2	2.8
West North Central	178	133	20	9	Q	47.0	35.1	5.2	2.3	4.4
South	511	283	125	66	37	33.5	18.5	8.2	4.3	2.4
South Atlantic	238	128	58	31	21	32.7	17.6	8.0	4.3	2.9
East South Central	104	67	24	8	4	41.3	26.6	9.7	3.2	1.7
West South Central	168	87	42	27	12	30.9	16.0	7.8	4.9	2.1
West	350	202	83	28	37	39.3	22.6	9.3	3.2	4.1
Mountain	185	128	34	6	16	56.6	39.2	10.5	1.9	5.0
Pacific	165	74	49	22	21	29.2	13.1	8.6	3.9	3.7

Table E8A. Natural Gas Consumption (cubic feet) and Energy Intensities by End Use for All Buildings, 2003

	Total Natural Gas Consumption (billion cubic feet)					Natural Gas Energy Intensity (cubic feet/square foot)				
	Total	Space Heating	Water Heating	Cooking	Other	Total	Space Heating	Water Heating	Cooking	Other
All Buildings	2,037	1,378	338	159	163	42.0	28.4	7.0	3.3	3.4
Climate Zone: 30-Year Average										
Under 2,000 CDD and --										
More than 7,000 HDD	454	370	47	18	20	53.5	43.6	5.5	2.1	2.3
5,500-7,000 HDD	715	536	93	38	47	50.6	38.0	6.6	2.7	3.4
4,000-5,499 HDD	356	224	53	31	48	39.7	25.0	5.9	3.5	5.3
Fewer than 4,000 HDD	378	203	93	45	38	32.0	17.2	7.9	3.8	3.2
2,000 CDD or More and --										
Fewer than 4,000 HDD	134	45	52	27	11	26.3	8.8	10.2	5.2	2.1
Number of Establishments										
One	1,418	942	267	115	95	46.5	30.9	8.7	3.8	3.1
2 to 5	348	257	44	23	24	40.0	29.5	5.0	2.7	2.7
6 to 10	92	66	9	7	10	38.6	27.6	3.6	3.0	4.3
11 to 20	67	45	8	6	8	30.2	20.4	3.4	2.8	3.6
More than 20	93	50	11	7	Q	25.3	13.6	2.9	1.9	Q
Currently Unoccupied	18	17	(*)	Q	Q	18.8	18.0	0.1	Q	Q
Energy Sources (more than one may apply)										
Electricity	2,037	1,378	338	159	163	42.0	28.4	7.0	3.3	3.4
Natural Gas	2,037	1,378	338	159	163	42.0	28.4	7.0	3.3	3.4
Fuel Oil	507	282	143	29	53	44.9	25.0	12.6	2.6	4.7
District Heat	47	23	10	7	6	18.0	9.1	3.9	2.7	2.3
Energy End Uses (more than one may apply)										
Buildings with Space Heating	2,014	1,378	333	153	151	42.1	28.8	7.0	3.2	3.2
Buildings with Cooling	1,927	1,296	325	155	151	42.0	28.3	7.1	3.4	3.3
Buildings with Water Heating	1,974	1,320	338	158	158	43.0	28.8	7.4	3.5	3.5
Annual Consumption (hundred cubic feet)										
1,000 or Less	36	30	4	1	Q	8.2	6.8	1.0	0.3	Q
1,001 to 5,000	257	211	24	16	6	24.8	20.4	2.3	1.5	0.6
5,001 to 10,000	265	186	35	35	9	38.2	26.8	5.1	5.1	1.3
10,001 to 25,000	390	253	63	45	29	45.4	29.4	7.3	5.2	3.4
25,001 to 50,000	324	217	47	32	28	47.6	31.9	7.0	4.8	4.0
50,001 to 100,000	234	154	41	9	30	49.7	32.7	8.6	2.0	6.4
Over 100,000	529	326	123	19	61	79.9	49.3	18.6	2.9	9.2

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E9A. Fuel Oil Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

	Total Fuel Oil Consumption (trillion Btu)					Fuel Oil Energy Intensity (thousand Btu/square foot)				
	Total	Space Heating	Water Heating	Cooking	Other	Total	Space Heating	Water Heating	Cooking	Other
All Buildings	228	198	18	Q	10	14.0	12.2	1.1	Q	0.6
Building Floorspace (Square Feet)										
1,001 to 5,000	34	32	Q	(*)	Q	56.9	52.2	Q	(*)	Q
5,001 to 10,000	36	33	Q	(*)	Q	49.4	44.7	Q	0.1	Q
10,001 to 25,000	28	25	1	(*)	Q	26.7	23.8	1.4	0.1	Q
25,001 to 50,000	17	16	Q	(*)	1	19.1	17.8	Q	(*)	0.6
50,001 to 100,000	29	26	1	Q	1	15.6	14.1	0.7	Q	0.5
100,001 to 200,000	37	35	Q	Q	1	12.5	11.5	Q	Q	0.5
200,001 to 500,000	36	25	Q	Q	2	10.5	7.4	2.4	Q	0.5
Over 500,000	10	Q	Q	Q	2	2.1	Q	Q	Q	0.4
Principal Building Activity										
Education	47	45	2	Q	Q	25.4	23.9	0.8	Q	0.3
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Health Care	11	6	2	Q	2	5.6	3.3	0.8	Q	1.3
Inpatient	9	5	2	Q	2	5.3	2.9	0.9	Q	1.4
Outpatient	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging	35	25	Q	(*)	1	16.1	11.2	Q	0.2	0.3
Mercantile	21	Q	Q	(*)	Q	Q	Q	Q	Q	Q
Retail (Other Than Mall)	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Enclosed and Strip Malls	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Office	18	15	Q	Q	1	4.3	3.8	Q	Q	0.4
Public Assembly	29	28	Q	(*)	Q	30.7	29.7	Q	(*)	Q
Public Order and Safety	8	6	Q	(*)	Q	Q	Q	Q	Q	Q
Religious Worship	18	18	Q	(*)	Q	39.8	39.3	Q	(*)	Q
Service	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Warehouse and Storage	9	Q	Q	(*)	Q	7.3	6.3	Q	0.1	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed										
Before 1920	38	35	Q	(*)	Q	39.3	36.4	Q	0.2	Q
1920 to 1945	55	45	9	Q	(*)	27.2	22.3	4.7	Q	0.1
1946 to 1959	48	45	Q	(*)	Q	22.8	21.3	Q	(*)	Q
1960 to 1969	Q	Q	Q	Q	Q	21.7	19.7	Q	Q	0.7
1970 to 1979	23	19	1	Q	2	9.5	8.1	0.6	Q	0.8
1980 to 1989	12	9	1	Q	2	3.5	2.7	0.2	Q	0.6
1990 to 1999	9	6	Q	Q	2	3.9	2.8	Q	Q	0.9
2000 to 2003	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Census Region and Division										
Northeast	181	160	15	Q	4	27.9	24.7	2.4	Q	0.7
New England	74	68	5	(*)	1	41.3	38.2	2.8	0.1	Q
Middle Atlantic	107	92	Q	Q	4	22.8	19.6	Q	Q	0.8
Midwest	24	Q	1	Q	1	8.2	7.5	0.2	Q	0.5
East North Central	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
West North Central	Q	Q	Q	Q	Q	13.5	12.1	0.5	0.1	Q
South	15	10	Q	Q	4	3.2	2.2	Q	Q	0.8
South Atlantic	13	10	Q	Q	3	4.5	3.2	Q	Q	1.0
East South Central	1	(*)	(*)	(*)	(*)	2.7	1.2	(*)	1.0	0.5
West South Central	1	(*)	Q	(*)	(*)	0.5	0.2	Q	(*)	0.3
West	9	Q	Q	Q	1	Q	Q	Q	Q	Q
Mountain	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Pacific	4	2	Q	(*)	1	2.6	1.3	Q	(*)	0.4

Table E9A. Fuel Oil Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

	Total Fuel Oil Consumption (trillion Btu)					Fuel Oil Energy Intensity (thousand Btu/square foot)				
	Total	Space Heating	Water Heating	Cooking	Other	Total	Space Heating	Water Heating	Cooking	Other
All Buildings	228	198	18	Q	10	14.0	12.2	1.1	Q	0.6
Climate Zone: 30-Year Average										
Under 2,000 CDD and --										
More than 7,000 HDD	63	59	2	Q	2	23.9	22.4	0.7	Q	0.7
5,500-7,000 HDD	67	61	4	Q	2	15.7	14.2	1.0	Q	0.4
4,000-5,499 HDD	91	76	Q	Q	4	18.4	15.3	Q	Q	0.7
Fewer than 4,000 HDD	6	2	Q	Q	2	2.4	0.9	Q	Q	0.9
2,000 CDD or More and --										
Fewer than 4,000 HDD	1	Q	Q	(*)	1	0.5	0.2	Q	(*)	0.3
Number of Establishments										
One	183	161	14	Q	7	19.8	17.5	1.5	Q	0.7
2 to 5	31	26	3	(*)	2	10.9	9.1	1.0	(*)	0.8
6 to 10	7	6	Q	Q	(*)	10.2	8.5	Q	Q	0.4
11 to 20	Q	Q	Q	Q	Q	2.9	Q	Q	(*)	Q
More than 20	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)										
Electricity	228	198	18	Q	10	14.0	12.2	1.1	Q	0.6
Natural Gas	101	83	10	Q	7	8.9	7.4	0.9	Q	0.6
Fuel Oil	228	198	18	Q	10	14.0	12.2	1.1	Q	0.6
District Heat	1	Q	Q	Q	1	0.7	Q	Q	Q	0.5
Energy End Uses (more than one may apply)										
Buildings with Space Heating	225	198	15	Q	10	14.0	12.4	1.0	Q	0.6
Buildings with Cooling	181	155	15	Q	9	12.1	10.4	1.0	Q	0.6
Buildings with Water Heating	218	189	18	Q	9	13.9	12.1	1.2	Q	0.6
Annual Consumption (gallons)										
1,000 or Less	14	10	Q	Q	3	1.5	1.1	Q	Q	0.3
1,001 to 5,000	45	39	Q	Q	3	14.5	12.6	Q	Q	1.0
5,001 to 10,000	29	25	Q	(*)	Q	31.0	26.4	Q	0.1	1.3
10,001 to 25,000	31	29	(*)	(*)	1	31.0	29.5	0.5	0.1	1.0
Over 25,000	110	95	12	Q	2	49.8	43.1	5.2	Q	0.9

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E10A. Fuel Oil Consumption (gallons) and Energy Intensities by End Use for All Buildings, 2003

	Total Fuel Oil Consumption (million gallons)					Fuel Oil Energy Intensity (gallons/square foot)				
	Total	Space Heating	Water Heating	Cooking	Other	Total	Space Heating	Water Heating	Cooking	Other
All Buildings.....	1,644	1,429	131	Q	72	0.10	0.09	0.01	Q	(*)
Building Floorspace (Square Feet)										
1,001 to 5,000	249	228	Q	(*)	Q	0.41	0.38	Q	(*)	Q
5,001 to 10,000	262	237	Q	1	Q	0.36	0.32	Q	(*)	Q
10,001 to 25,000	201	179	11	(*)	Q	0.19	0.17	0.01	(*)	Q
25,001 to 50,000	124	115	Q	(*)	4	0.14	0.13	Q	(*)	(*)
50,001 to 100,000	209	188	10	Q	7	0.11	0.10	0.01	Q	(*)
100,001 to 200,000	270	250	Q	Q	10	0.09	0.08	Q	Q	(*)
200,001 to 500,000	258	183	Q	Q	11	0.08	0.05	0.02	Q	(*)
Over 500,000	72	Q	Q	Q	15	0.02	Q	Q	Q	(*)
Principal Building Activity										
Education	342	322	11	Q	Q	0.18	0.17	0.01	Q	(*)
Food Sales	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Food Service	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Health Care	76	45	11	Q	18	0.04	0.02	0.01	Q	0.01
Inpatient	65	35	11	Q	17	0.04	0.02	0.01	Q	0.01
Outpatient	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging	255	177	Q	3	5	0.12	0.08	Q	(*)	(*)
Mercantile	155	Q	Q	(*)	Q	Q	Q	Q	Q	Q
Retail (Other Than Mall)	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Enclosed and Strip Malls	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Office	126	112	Q	Q	11	0.03	0.03	Q	Q	(*)
Public Assembly	208	201	Q	(*)	Q	0.22	0.21	Q	(*)	Q
Public Order and Safety	57	41	Q	(*)	Q	Q	Q	Q	Q	Q
Religious Worship	130	129	Q	(*)	Q	0.29	0.28	Q	(*)	Q
Service	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Warehouse and Storage	66	Q	Q	1	Q	0.05	0.05	Q	(*)	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed										
Before 1920	273	253	Q	2	Q	0.28	0.26	Q	(*)	Q
1920 to 1945	396	325	68	Q	2	0.20	0.16	0.03	Q	(*)
1946 to 1959	347	323	Q	1	Q	0.16	0.15	Q	(*)	Q
1960 to 1969	Q	Q	Q	Q	Q	0.16	0.14	Q	Q	(*)
1970 to 1979	164	139	10	Q	14	0.07	0.06	(*)	Q	0.01
1980 to 1989	87	67	5	Q	15	0.03	0.02	(*)	Q	(*)
1990 to 1999	65	46	Q	Q	15	0.03	0.02	Q	Q	0.01
2000 to 2003	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Census Region and Division										
Northeast	1,302	1,153	111	Q	30	0.20	0.18	0.02	Q	(*)
New England	531	490	35	1	4	0.30	0.28	0.02	(*)	Q
Middle Atlantic	771	663	Q	Q	26	0.16	0.14	Q	Q	0.01
Midwest	172	Q	4	Q	10	0.06	0.05	(*)	Q	(*)
East North Central	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
West North Central	Q	Q	Q	Q	Q	0.10	0.09	(*)	(*)	Q
South	107	73	Q	Q	25	0.02	0.02	Q	Q	0.01
South Atlantic	96	69	Q	Q	21	0.03	0.02	Q	Q	0.01
East South Central	7	3	(*)	2	1	0.02	0.01	(*)	0.01	(*)
West South Central	5	1	Q	(*)	3	(*)	(*)	Q	(*)	(*)
West	64	Q	Q	Q	7	Q	Q	Q	Q	(*)
Mountain	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Pacific	29	15	Q	(*)	5	0.02	0.01	Q	(*)	(*)

Table E10A. Fuel Oil Consumption (gallons) and Energy Intensities by End Use for All Buildings, 2003

	Total Fuel Oil Consumption (million gallons)					Fuel Oil Energy Intensity (gallons/square foot)				
	Total	Space Heating	Water Heating	Cooking	Other	Total	Space Heating	Water Heating	Cooking	Other
All Buildings.....	1,644	1,429	131	Q	72	0.10	0.09	0.01	Q	(*)
Climate Zone: 30-Year Average										
Under 2,000 CDD and --										
More than 7,000 HDD	452	425	13	Q	13	0.17	0.16	(*)	Q	(*)
5,500-7,000 HDD	485	438	32	Q	14	0.11	0.10	0.01	Q	(*)
4,000-5,499 HDD	655	547	Q	Q	26	0.13	0.11	Q	Q	0.01
Fewer than 4,000 HDD	44	17	Q	Q	16	0.02	0.01	Q	Q	0.01
2,000 CDD or More and --										
Fewer than 4,000 HDD	7	Q	Q	(*)	4	(*)	(*)	Q	(*)	(*)
Number of Establishments										
One	1,318	1,160	99	Q	50	0.14	0.13	0.01	Q	0.01
2 to 5	221	184	21	(*)	16	0.08	0.07	0.01	(*)	0.01
6 to 10	48	40	Q	Q	2	0.07	0.06	Q	Q	(*)
11 to 20	Q	Q	Q	Q	Q	0.02	Q	Q	(*)	Q
More than 20	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)										
Electricity	1,642	1,428	131	Q	72	0.10	0.09	0.01	Q	(*)
Natural Gas	727	602	73	Q	48	0.06	0.05	0.01	Q	(*)
Fuel Oil	1,644	1,429	131	Q	72	0.10	0.09	0.01	Q	(*)
District Heat	10	Q	Q	Q	6	0.01	Q	Q	Q	(*)
Energy End Uses (more than one may apply)										
Buildings with Space Heating	1,619	1,429	111	Q	69	0.10	0.09	0.01	Q	(*)
Buildings with Cooling	1,303	1,120	107	Q	65	0.09	0.07	0.01	Q	(*)
Buildings with Water Heating	1,575	1,365	131	Q	67	0.10	0.09	0.01	Q	(*)
Annual Consumption (gallons)										
1,000 or Less	98	75	Q	Q	20	0.01	0.01	Q	Q	(*)
1,001 to 5,000	323	281	Q	Q	22	0.10	0.09	Q	Q	0.01
5,001 to 10,000	210	178	Q	(*)	Q	0.22	0.19	Q	(*)	0.01
10,001 to 25,000	221	211	3	1	7	0.22	0.21	(*)	(*)	0.01
Over 25,000	792	685	83	Q	15	0.36	0.31	0.04	Q	0.01

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbeecs>.

(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.

Table E11A. District Heat Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

	Total District Heat Consumption (trillion Btu)					District Heat Energy Intensity (thousand Btu/square foot)				
	Total	Space Heating	Water Heating	Cooking	Other	Total	Space Heating	Water Heating	Cooking	Other
All Buildings	636	580	46	1	Q	114.0	103.9	8.3	0.2	Q
Building Floorspace (Square Feet)										
1,001 to 5,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
5,001 to 10,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
10,001 to 25,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
25,001 to 50,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
50,001 to 100,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
100,001 to 200,000	165	154	10	Q	Q	118.1	109.9	Q	Q	Q
200,001 to 500,000	123	112	11	Q	Q	121.2	110.2	10.5	Q	Q
Over 500,000	171	147	16	Q	Q	93.6	80.6	8.9	Q	Q
Principal Building Activity										
Education	134	122	8	Q	Q	116.6	106.6	6.9	Q	Q
Food Service	N	N	N	N	N	N	N	N	N	N
Health Care	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Inpatient	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Outpatient	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Lodging	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Mercantile	Q	Q	Q	(*)	Q	Q	Q	Q	Q	Q
Retail (Other Than Mall)	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Enclosed and Strip Malls	Q	Q	Q	(*)	Q	Q	Q	Q	Q	Q
Office	128	122	3	Q	Q	81.5	77.6	2.2	Q	Q
Public Assembly	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Public Order and Safety	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Religious Worship	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Service	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Warehouse and Storage	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vacant	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Year Constructed										
Before 1920	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
1920 to 1945	129	117	7	Q	Q	107.0	96.8	6.1	Q	Q
1946 to 1959	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
1960 to 1969	117	105	Q	Q	Q	137.6	122.5	Q	Q	Q
1970 to 1979	77	66	10	Q	Q	131.7	112.2	16.6	Q	Q
1980 to 1989	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
1990 to 1999	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
2000 to 2003	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Census Region and Division										
Northeast	166	Q	15	Q	Q	111.2	Q	9.8	Q	Q
New England	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Middle Atlantic	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Midwest	225	210	9	Q	Q	136.5	127.5	5.7	Q	Q
East North Central	192	182	5	Q	Q	135.3	128.2	3.7	Q	Q
West North Central	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
South	182	166	14	Q	Q	102.8	94.0	7.9	Q	Q
South Atlantic	117	105	10	Q	Q	94.1	84.8	8.2	Q	Q
East South Central	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
West South Central	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
West	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Mountain	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Pacific	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q

Table E11A. District Heat Consumption (Btu) and Energy Intensities by End Use for All Buildings, 2003

	Total District Heat Consumption (trillion Btu)					District Heat Energy Intensity (thousand Btu/square foot)				
	Total	Space Heating	Water Heating	Cooking	Other	Total	Space Heating	Water Heating	Cooking	Other
All Buildings	636	580	46	1	Q	114.0	103.9	8.3	0.2	Q
Climate Zone: 30-Year Average										
Under 2,000 CDD and --										
- More than 7,000 HDD	88	80	8	Q	(*)	106.3	96.7	9.4	Q	(*)
- 5,500-7,000 HDD	257	242	9	Q	Q	133.9	126.2	4.6	Q	Q
- 4,000-5,499 HDD	140	120	Q	Q	Q	103.5	88.9	12.0	Q	Q
- Fewer than 4,000 HDD	101	90	10	Q	(*)	98.1	88.2	9.8	Q	(*)
2,000 CDD or More and --										
- Fewer than 4,000 HDD	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Number of Establishments										
One	384	348	30	Q	Q	125.3	113.6	9.9	Q	Q
2 to 5	156	142	Q	Q	Q	119.6	109.1	Q	Q	Q
6 to 10	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
11 to 20	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
More than 20	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Currently Unoccupied	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Energy Sources (more than one may apply)										
Electricity	636	580	46	1	Q	114.0	103.9	8.3	Q	Q
Natural Gas	306	271	27	Q	Q	118.9	105.3	10.5	Q	Q
Fuel Oil	179	154	20	Q	Q	96.0	82.7	11.0	Q	Q
District Heat	636	580	46	1	Q	114.0	103.9	8.3	0.2	Q
Energy End Uses (more than one may apply)										
Buildings with Space Heating	635	580	46	1	Q	115.3	105.2	8.3	0.2	Q
Buildings with Cooling	536	485	42	1	Q	112.1	101.3	8.7	0.3	Q
Buildings with Water Heating	525	469	46	1	Q	110.2	98.4	9.7	0.3	Q

See "Guide to the Tables" or "Glossary" for further explanations of the terms used in this table. Both can be accessed from the CBECS web site - <http://www.eia.doe.gov/emeu/cbecs>.

(*)=Value rounds to zero in the units displayed.

Q=Data withheld because fewer than 20 buildings were sampled for any cell, or because the Relative Standard Error (RSE) was greater than 50 percent for a cell in the "Total" column.

N=No responding cases in sample that used district heat.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, C, and E of the 2003 Commercial Buildings Energy Consumption Survey.