

**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
<b>All Buildings</b> .....	3,559	167	481	436	88	1,340	24	381	69	156	418
<b>Building Floorspace (Square Feet)</b>											
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
<b>Principal Building Activity</b>											
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
<b>Year Constructed</b>											
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
<b>Census Region and Division</b>											
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

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<b>All Buildings</b> .....	3,559	167	481	436	88	1,340	24	381	69	156	418
<b>Climate Zone: 30-Year Average</b>											
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
<b>Number of Establishments</b>											
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
<b>Energy Sources (more than one may apply)</b>											
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
<b>Energy End Uses (more than one may apply)</b>											
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
<b>Annual Consumption (kilowatthours)</b>											
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.