

NRC000055
05/09/2011

Released: September, 2008

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

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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.