

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	(*)	(*)

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	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.