

**Table E3. Electricity Consumption (Btu) by End Use for Non-Mall 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> .....	3,037	115	397	384	52	1,143	22	354	64	148	357
<b>Building Floorspace (Square Feet)</b>											
1,001 to 5,000 .....	386	19	43	18	11	93	7	137	8	12	38
5,001 to 10,000 .....	262	12	35	17	5	83	4	56	6	9	35
10,001 to 25,000 .....	407	20	46	44	8	151	3	53	9	19	54
25,001 to 50,000 .....	350	15	55	50	9	121	2	34	7	16	42
50,001 to 100,000 .....	405	16	57	65	7	158	2	29	6	18	45
100,001 to 200,000 .....	483	16	62	80	5	195	1	24	Q	31	56
200,001 to 500,000 .....	361	8	51	54	5	162	1	9	8	19	43
Over 500,000 .....	383	8	47	56	3	181	2	12	8	23	43
<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
Retail (Other Than Mall).....	211	6	25	16	2	111	(*)	22	3	4	22
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 .....	90	2	6	11	Q	34	1	17	2	4	12
1920 to 1945 .....	208	4	16	30	2	89	1	26	3	8	30
1946 to 1959 .....	231	8	26	34	5	87	2	26	4	11	28
1960 to 1969 .....	327	12	43	50	5	113	1	40	6	18	39
1970 to 1979 .....	572	27	72	74	10	220	4	58	12	27	67
1980 to 1989 .....	627	28	91	66	12	236	4	66	15	37	72
1990 to 1999 .....	690	24	99	88	12	246	6	85	17	35	78
2000 to 2003 .....	293	10	45	32	4	116	3	38	4	9	32
<b>Census Region and Division</b>											
Northeast .....	503	20	37	67	6	206	2	58	12	30	64
New England .....	108	5	6	12	2	42	1	19	2	6	13
Middle Atlantic .....	395	15	31	55	4	164	1	39	10	24	51
Midwest .....	737	44	52	103	11	287	5	89	15	35	96
East North Central .....	524	28	34	77	6	208	4	59	11	27	68
West North Central .....	213	16	18	25	4	79	1	29	4	9	27
South .....	1,278	33	242	153	28	449	12	154	18	55	134
South Atlantic .....	717	20	124	85	19	258	7	87	11	35	71
East South Central .....	171	6	23	22	3	63	1	24	2	5	21
West South Central .....	390	8	96	46	6	128	3	43	5	14	41
West .....	519	18	66	61	7	200	3	53	19	28	64
Mountain .....	191	7	25	23	2	78	Q	18	Q	8	22
Pacific .....	329	11	41	38	5	122	2	35	13	20	42

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	Total Electricity Consumption (trillion Btu)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
<b>All Buildings*</b> .....	3,037	115	397	384	52	1,143	22	354	64	148	357
<b>Climate Zone: 30-Year Average</b>											
Under 2,000 CDD and --											
More than 7,000 HDD .....	408	23	22	60	5	157	3	59	8	18	53
5,500-7,000 HDD .....	763	44	55	98	11	309	6	88	16	39	97
4,000-5,499 HDD .....	567	22	58	69	8	230	3	61	18	31	66
Fewer than 4,000 HDD .....	748	16	113	94	17	275	6	93	14	33	87
2,000 CDD or More and --											
Fewer than 4,000 HDD .....	549	9	149	62	11	172	5	53	7	27	53
<b>Number of Floors</b>											
One .....	1,140	50	155	110	23	384	13	230	17	34	125
Two .....	689	25	88	98	16	254	5	70	18	32	85
Three .....	286	13	32	40	4	113	1	22	7	16	38
Four to Nine .....	595	16	81	99	6	240	2	25	13	41	72
Ten or More .....	327	10	41	38	4	152	1	8	9	25	38
<b>Elevators and Escalators (more than one may apply)</b>											
Any Elevators .....	1,421	46	193	221	18	581	5	53	38	96	169
Number of Elevators.....											
One .....	354	13	47	61	6	134	1	20	7	22	42
Two to Five .....	585	22	79	89	7	234	2	22	19	43	70
Six or More .....	481	10	68	70	5	214	2	12	12	31	57
Any Escalators .....	193	5	32	30	2	80	Q	4	Q	11	22
<b>Number of Workers (main shift)</b>											
Fewer than 5 .....	372	18	39	28	7	119	3	92	3	5	57
5 to 9 .....	248	12	31	21	6	78	4	56	4	6	31
10 to 19 .....	303	17	40	31	8	103	5	52	5	9	35
20 to 49 .....	524	18	71	69	9	191	4	67	14	21	59
50 to 99 .....	403	16	55	67	7	151	2	37	8	19	41
100 to 249 .....	460	16	67	68	8	188	2	27	9	25	49
250 or More .....	727	18	95	100	7	313	2	22	20	63	85
<b>Weekly Operating Hours</b>											
Fewer than 40 .....	90	5	17	7	1	22	1	12	1	2	22
40 to 48 .....	397	22	66	42	6	133	1	33	10	25	60
49 to 60 .....	598	23	83	71	7	229	2	50	15	34	84
61 to 84 .....	497	19	62	67	9	184	4	64	9	24	55
85 to 167 .....	523	16	54	77	9	167	9	119	5	22	44
Open Continuously .....	932	30	116	119	20	408	4	76	23	41	93
<b>Ownership and Occupancy</b>											
Nongovernment Owned.....	2,300	91	280	224	38	897	19	319	54	102	276
Owner Occupied .....	1,086	38	136	116	16	424	5	135	28	51	138
Nonowner Occupied .....	1,205	52	144	108	22	471	14	184	25	51	134
Unoccupied .....	8	Q	Q	(*)	Q	2	(*)	Q	Q	Q	4
Government Owned .....	737	24	117	160	14	246	3	35	10	47	81
Federal .....	131	2	13	24	(*)	63	Q	3	2	5	19
State .....	204	3	25	53	3	62	(*)	9	3	Q	24
Local .....	402	19	79	83	11	120	3	23	5	21	38
<b>Vacancy Status</b>											
Completely Vacant .....	9	Q	Q	(*)	Q	3	Q	Q	Q	Q	5
Mostly Vacant .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Partially Vacant .....	575	25	76	68	7	240	2	30	13	42	74
Not At All Vacant .....	2,446	89	320	315	45	899	20	324	51	107	277

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	Total Electricity Consumption (trillion Btu)										
	Total	Space Heating	Cooling	Ventilation	Water Heating	Lighting	Cooking	Refrigeration	Office Equipment	Computers	Other
<b>All Buildings*</b> .....	3,037	115	397	384	52	1,143	22	354	64	148	357
<b>Number of Establishments</b>											
One .....	2,138	82	272	272	43	790	19	290	42	87	242
2 to 5 .....	502	16	67	64	5	199	2	49	12	24	64
6 to 10 .....	115	5	15	14	2	43	(*)	5	3	Q	13
11 to 20 .....	98	5	15	12	1	37	(*)	5	2	7	13
More than 20 .....	174	5	29	22	2	72	(*)	5	5	15	20
Currently Unoccupied .....	9	Q	Q	(*)	Q	3	Q	Q	Q	Q	5
<b>Predominant Exterior Wall Material</b>											
Brick, Stone or Stucco .....	1,507	58	208	207	31	530	13	180	30	73	176
Concrete (Block or Poured) .....	530	19	72	62	9	202	4	72	Q	18	60
Concrete Panels .....	399	9	50	46	4	185	1	22	10	28	43
Siding or Shingles .....	150	9	17	14	4	49	2	29	3	6	18
Metal Panels .....	297	12	24	35	3	120	Q	44	4	11	42
Window Glass .....	67	3	11	7	1	25	(*)	2	2	6	9
Other .....	63	3	10	7	(*)	25	1	4	1	4	7
No One Major Type .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Predominant Roof Material</b>											
Built-Up .....	1,041	30	143	134	17	405	8	107	23	57	117
Shingles (Not Wood) .....	413	19	50	41	13	134	4	79	9	15	50
Metal Surfacing .....	392	18	47	48	7	150	Q	47	5	13	55
Synthetic or Rubber .....	890	37	116	126	12	329	6	91	22	53	99
Slate or Tile .....	104	4	16	11	2	34	1	17	2	4	12
Wooden Materials .....	37	2	6	4	1	14	Q	4	1	1	4
Concrete .....	99	Q	11	Q	1	Q	Q	5	1	3	13
Other .....	41	Q	6	3	Q	22	(*)	3	(*)	1	4
No One Major Type .....	20	Q	3	4	Q	6	Q	2	(*)	Q	3
<b>Renovations in Buildings Constructed Before 1980 (more than one may apply)</b>											
Any Type of Renovation											
Since 1980 .....	780	30	85	112	14	298	5	88	15	42	90
Addition or Annex .....	315	13	35	55	5	121	3	31	4	14	35
Reduction In Floorspace .....	52	2	5	9	Q	22	(*)	2	1	3	7
Cosmetic Improvements .....	600	23	64	84	11	230	4	70	12	33	68
Wall or Roof Replacement .....	347	12	38	53	7	140	2	27	7	22	39
Interior Wall											
Re-Configuration .....	401	15	44	61	5	162	2	32	8	24	49
HVAC Equipment Upgrade.....	527	21	59	81	9	206	3	45	11	32	60
Lighting Upgrade .....	478	18	50	75	7	184	2	49	10	28	55
Window Replacement .....	251	9	23	37	4	100	2	26	5	16	29
Plumbing System Upgrade .....	314	10	32	50	5	129	2	25	5	19	36
Insulation Upgrade .....	174	6	20	30	2	64	1	15	3	11	21
Other Renovation .....	16	1	1	2	Q	7	Q	2	(*)	1	2
No Renovations Since 1980.....	647	22	78	87	10	246	4	78	12	26	85
Building Newer than 1980 .....	1,609	62	234	185	29	599	13	188	36	80	182
<b>Energy Sources (more than one may apply)</b>											
Electricity .....	3,037	115	397	384	52	1,143	22	354	64	148	357
Natural Gas .....	2,161	62	269	295	30	842	17	239	43	108	256
Fuel Oil .....	854	29	109	121	12	359	4	43	24	51	102
District Heat .....	335	3	24	69	3	147	1	12	5	29	42
District Chilled Water .....	192	2	16	49	2	68	1	7	3	Q	23
Propane .....	339	9	36	40	5	141	2	51	5	9	40
Other .....	77	2	8	14	1	30	(*)	6	Q	4	10

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<b>All Buildings*</b> .....	3,037	115	397	384	52	1,143	22	354	64	148	357
<b>Space-Heating Energy Sources<sup>a</sup></b>											
Electricity .....	1,553	115	225	155	37	571	12	164	36	70	168
Electricity Main .....	907	92	151	68	28	303	8	111	21	37	88
Electricity Secondary .....	646	23	74	87	9	267	5	53	15	33	80
Other Excluding Electricity .....	1,390	(*)	152	221	14	543	9	171	26	76	177
Buildings without Heating .....	93	(*)	20	8	1	29	1	19	1	2	11
<b>Primary Space-Heating Energy Source</b>											
Electricity .....	907	92	151	68	28	303	8	111	21	37	88
Natural Gas .....	1,565	19	192	219	18	620	11	179	34	75	197
Fuel Oil .....	77	1	6	13	1	29	(*)	13	1	4	9
District Heat .....	310	2	21	65	3	135	1	11	4	27	40
Propane .....	70	1	7	9	1	18	Q	19	Q	Q	10
Other .....	16	Q	1	2	(*)	7	(*)	2	Q	Q	2
<b>Cooling Energy Source<sup>b</sup></b>											
Electricity .....	2,776	110	397	326	50	1,032	21	335	61	126	318
Other Excluding Electricity .....	157	Q	(*)	42	2	63	(*)	6	3	Q	19
Buildings without Cooling .....	104	4	(*)	15	1	48	(*)	14	1	2	20
<b>Water-Heating Energy Source</b>											
Electricity .....	1,373	72	196	142	52	487	9	157	33	66	159
Other Excluding Electricity .....	1,519	38	186	228	(*)	593	13	179	29	79	174
Bldgs without Water Heating .....	144	4	16	15	(*)	63	Q	18	2	3	24
<b>Cooking Energy Source</b>											
Electricity .....	848	37	117	125	21	294	22	103	14	36	78
Other Excluding Electricity .....	529	15	76	78	8	193	(*)	81	9	18	52
Buildings without Cooking .....	1,659	63	205	181	23	656	(*)	170	41	93	227
<b>Energy End Uses (more than one may apply)</b>											
Buildings with Space Heating .....	2,944	115	377	376	51	1,113	21	335	63	146	346
Buildings with Cooling .....	2,933	111	397	369	52	1,095	22	341	63	147	337
Buildings with Water Heating .....	2,892	110	382	370	52	1,080	22	336	62	145	333
Buildings with Cooking .....	1,377	51	193	203	30	487	22	184	23	55	130
Buildings with Manufacturing .....	141	4	9	17	Q	64	Q	10	2	6	25
Buildings with Electricity Generation .....	890	30	117	129	13	367	4	42	28	56	103
<b>Percent of Floorspace Heated</b>											
Not Heated .....	93	(*)	20	8	1	29	1	19	1	2	11
1 to 50 .....	187	6	14	18	4	69	Q	39	Q	4	25
51 to 99 .....	395	14	49	49	7	152	3	54	6	16	46
100 .....	2,361	95	314	309	41	892	17	242	49	127	275
<b>Percent of Floorspace Cooled</b>											
Not Cooled .....	104	4	(*)	15	1	48	(*)	14	1	2	20
1 to 50 .....	444	15	23	56	7	195	Q	64	5	12	63
51 to 99 .....	746	29	93	97	11	273	5	104	13	38	82
100 .....	1,744	67	281	215	34	627	14	173	45	96	191

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<b>All Buildings*</b> .....	3,037	115	397	384	52	1,143	22	354	64	148	357
<b>Percent Lit When Open</b>											
Zero .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
1 to 50 .....	225	12	32	29	6	63	2	28	Q	6	40
51 to 99 .....	894	34	116	125	16	328	5	87	21	58	104
100 .....	1,901	68	248	230	31	747	15	236	35	85	207
Building Never Open/ Electricity Not Used .....	12	Q	1	(*)	Q	4	Q	1	Q	Q	6
<b>Percent Lit When Closed</b>											
Zero .....	543	21	71	69	7	173	4	74	10	30	84
1 to 50 .....	1,407	58	195	181	23	487	13	180	29	72	169
51 to 100 .....	155	5	16	14	Q	75	1	24	2	5	11
Building Never Closed/ Electricity Not Used .....	932	30	116	119	20	408	4	76	23	41	93
<b>Heating Equipment (more than one may apply)</b>											
Heat Pumps .....	523	27	87	53	13	201	4	46	12	25	55
Packaged Heat Pumps .....	359	18	61	33	8	141	2	33	9	17	37
Split-System Heat Pumps .....	136	6	23	18	4	51	Q	11	2	5	15
Individual Room Heat Pumps ..	148	8	25	17	5	60	1	7	2	8	14
Furnaces .....	761	35	78	84	13	287	6	123	13	27	95
Individual Space Heaters .....	563	37	61	65	11	225	2	61	10	26	66
District Heat .....	317	2	22	66	3	139	1	11	4	28	40
Boilers .....	1,009	27	126	168	13	405	4	59	24	56	126
Packaged Heating Units .....	1,058	51	156	119	21	383	10	134	24	47	112
Other .....	168	10	21	20	3	64	1	18	3	8	20
<b>Cooling Equipment (more than one may apply)</b>											
Residential-Type Central											
Air Conditioners .....	455	19	58	67	11	158	4	59	8	15	56
Heat Pumps .....	547	26	91	55	13	209	4	54	12	25	58
Packaged Heat Pumps .....	360	18	59	32	8	142	2	36	9	17	38
Split-System Heat Pumps .....	139	5	24	19	4	50	Q	13	2	5	16
Individual Room Heat Pumps ..	171	8	30	19	5	68	1	11	3	8	17
Individual Air Conditioners .....	479	20	63	62	13	196	3	44	7	18	53
District Chilled Water .....	192	2	16	49	2	68	1	7	3	Q	23
Central Chillers .....	836	22	122	140	10	338	3	27	24	50	99
Packaged Air Conditioning											
Units .....	1,578	64	216	179	27	595	14	205	30	72	176
Swamp Coolers .....	75	2	9	9	2	28	1	12	1	2	9
Other .....	75	3	11	10	(*)	28	(*)	Q	1	4	8
<b>Main Equipment Replaced Since 1990 (more than one may apply)</b>											
Heating .....	716	36	91	84	16	258	6	83	17	37	88
Cooling .....	976	41	124	120	19	363	7	110	23	55	114
<b>Water Heating Equipment</b>											
Centralized System .....	1,759	68	219	227	31	630	16	250	35	79	204
Distributed System .....	483	20	75	54	10	179	3	52	9	23	58
Combination of Centralized and Distributed System .....	651	22	88	88	12	271	3	34	19	43	71

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<b>All Buildings*</b> .....	3,037	115	397	384	52	1,143	22	354	64	148	357
<b>Lighting Equipment Types (more than one may apply)</b>											
Incandescent .....	2,006	75	257	257	34	803	17	193	44	105	222
Standard Fluorescent .....	2,951	111	388	378	50	1,103	22	344	63	147	345
Compact Fluorescent .....	1,665	61	220	238	27	652	12	139	40	88	189
High Intensity Discharge .....	1,126	36	131	170	16	472	5	82	22	61	130
Halogen .....	1,069	40	132	139	18	453	8	94	22	50	114
Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
<b>Refrigeration Equipment (more than one may apply)</b>											
Any Refrigeration.....	2,771	104	359	350	49	1,030	22	354	59	137	307
Commercial Refrigeration .....	1,788	61	237	236	32	651	21	283	28	70	169
Walk-In Units .....	1,489	48	196	198	27	539	20	250	22	56	133
Cases or Cabinets .....	1,441	48	193	185	24	522	17	239	23	54	135
Residential-Type Units .....	1,769	71	236	236	31	681	9	161	34	98	212
Vending Machines .....	1,985	67	261	275	31	784	9	183	45	110	219
No Refrigeration .....	266	11	39	34	4	112	Q	(*)	5	11	50
<b>Office Equipment (more than one may apply)</b>											
Computers .....	2,838	107	377	370	48	1,077	19	299	63	148	328
With Flat Screen Monitors .....	1,589	57	213	223	22	614	8	112	46	109	187
Dedicated Servers .....	2,035	74	272	279	30	797	9	164	57	124	230
Laser Printers .....	1,550	65	208	197	27	569	11	182	38	76	177
Inkjet Printers .....	1,820	61	251	242	29	717	9	158	39	102	211
FAX Machines .....	2,701	100	359	352	45	1,036	18	277	62	142	310
Photocopiers .....	2,361	83	321	327	35	928	9	187	60	136	276
<b>Number of Computers</b>											
None .....	199	8	20	14	4	66	3	55	1	(*)	29
1 to 4 .....	523	26	58	45	14	166	9	133	5	5	60
5 to 9 .....	274	14	39	28	4	102	2	40	4	6	35
10 to 19 .....	285	11	39	33	5	108	1	40	5	9	35
20 to 49 .....	408	13	54	56	6	161	Q	38	Q	16	50
50 to 99 .....	259	9	38	38	5	108	1	11	6	14	29
100 to 249 .....	368	15	54	61	6	142	1	16	7	25	41
250 or More .....	722	19	96	109	8	291	2	21	22	73	79
<b>Number of Dedicated Servers</b>											
None .....	1,002	41	125	105	23	346	13	191	7	25	127
1 to 4 .....	1,166	50	159	156	20	451	5	128	17	48	131
5 to 9 .....	250	7	36	40	4	100	Q	11	6	17	28
10 to 19 .....	216	5	25	35	2	83	(*)	12	5	23	25
20 to 49 .....	183	5	32	26	2	71	1	6	6	14	21
50 or More .....	219	7	20	23	2	92	Q	7	22	21	25
<b>Number of Photocopiers</b>											
None .....	676	32	77	57	18	215	13	167	4	12	81
One .....	593	26	73	66	10	224	3	92	9	16	74
2 to 4 .....	706	25	100	104	12	270	3	59	19	34	80
5 to 9 .....	323	11	45	52	5	121	1	14	8	29	37
10 or More .....	738	21	103	105	8	312	2	21	25	56	85

**Table E3. Electricity Consumption (Btu) by End Use for Non-Mall 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> .....	3,037	115	397	384	52	1,143	22	354	64	148	357
<b>Energy-Related Space Functions (more than one may apply)</b>											
Commercial Food Preparation....	1,376	51	193	203	30	486	22	184	23	55	130
Activities with Large Amounts of Hot Water .....	1,167	46	158	174	27	463	12	99	18	50	120
Separate Computer Area .....	1,550	54	219	232	23	615	6	85	45	101	169
<b>HVAC Conservation Features (more than one may apply)</b>											
Variable Air-Volume System.....	1,267	45	181	176	19	498	7	71	35	85	151
Economizer Cycle .....	1,408	51	182	206	21	556	7	97	37	91	161
HVAC Maintenance .....	2,703	98	362	360	46	1,030	20	282	59	137	310
Energy Management and Control System (EMCS) .....	954	30	142	160	14	368	4	40	27	61	108
<b>Window and Interior Lighting Features (more than one may apply)</b>											
Multipaned Windows .....	2,024	87	244	263	34	774	16	222	46	98	239
Tinted Window Glass .....	1,682	56	235	221	24	663	10	135	41	95	202
Reflective Window Glass .....	522	20	77	71	8	211	2	33	11	29	60
External Overhangs or Awnings .....	961	37	120	121	19	339	11	140	25	47	101
Skylights or Atriums .....	645	20	81	96	8	273	3	35	20	33	75
Daylighting Sensors .....	206	6	29	30	2	79	1	12	Q	12	23
Specular Reflectors .....	1,487	52	195	207	23	596	9	113	34	81	177
Electronic Ballasts .....	2,498	91	335	336	41	937	17	262	56	132	291
Energy Management and Control System (EMCS) For Lighting .....	311	10	47	44	4	125	1	15	Q	19	35
<b>Equipment Usage Reduced When Building Not In Full Use (more than one may apply)</b>											
Heating .....	1,930	73	255	262	33	717	14	193	49	101	233
Cooling .....	2,031	74	281	275	36	755	15	198	45	111	241
Lighting .....	2,006	81	270	255	31	693	17	265	40	104	251
Office Equipment .....	721	29	107	97	13	258	5	81	13	26	92
<b>Annual Consumption (kilowatthours)</b>											
10,000 or Less .....	13	(*)	1	1	(*)	4	(*)	2	(*)	(*)	4
10,001 to 50,000 .....	153	8	19	10	2	55	(*)	22	3	5	29
50,001 to 100,000 .....	176	8	22	14	4	55	1	35	4	6	27
100,001 to 500,000 .....	715	35	84	72	16	228	10	146	14	27	81
500,001 to 1,000,000 .....	331	14	51	44	10	115	3	43	5	13	33
1,000,001 to 5,000,000 .....	917	34	124	145	14	347	4	78	16	55	100
Over 5,000,000 .....	732	16	95	99	7	338	2	28	21	42	83

**Table E3. Electricity Consumption (Btu) by End Use for Non-Mall 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> .....	3,037	115	397	384	52	1,143	22	354	64	148	357
<b>Provider of Purchased Electricity (more than one may apply)</b>											
Local Utility .....	2,700	104	347	340	49	1,007	21	329	53	131	319
Some Other Provider .....	308	9	44	42	3	122	1	25	Q	16	35

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>.

\* Figures in this table do not include enclosed malls and strip malls. In the 1999 CBECS, malls represented 9.7 percent of total electricity consumption.

<sup>a</sup> Totals in the "Electricity," "Electricity Secondary," and "Other Excluding Electricity" rows have been revised and values do not match published values in consumption Table C13

([http://www.eia.doe.gov/emeu/cbecs/cbecs2003/detailed\\_tables\\_2003/detailed\\_tables\\_2003.html](http://www.eia.doe.gov/emeu/cbecs/cbecs2003/detailed_tables_2003/detailed_tables_2003.html)).

<sup>b</sup> Totals in the "Electricity" and "Other Excluding Electricity" rows have been revised and do not match published value in consumption Table C13.

(\*)=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.

Notes: • Due to rounding, data may not sum to totals. • HVAC = Heating, Ventilation, and Air Conditioning.

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.