

Table E3. Electricity consumption (Btu) by end use, 2012

	Total electricity consumption (trillion Btu)										
	Total	Space heating	Cooling	Ventilation	Water heating	Lighting	Cooking	Refrigeration	Office equipment	Computing	Other
All buildings	4,241	85	633	668	22	724	93	670	172	405	769
Building floorspace (square feet)											
1,001 to 5,000	445	12	50	45	3	59	28	131	21	33	63
5,001 to 10,000	386	8	45	48	3	58	16	93	17	33	66
10,001 to 25,000	543	15	67	79	4	92	13	92	28	50	103
25,001 to 50,000	508	12	74	84	3	97	4	68	21	46	98
50,001 to 100,000	654	14	102	108	4	110	8	103	27	60	117
100,001 to 200,000	647	10	94	116	2	119	7	92	21	73	113
200,001 to 500,000	615	8	116	106	3	109	8	68	19	62	117
Over 500,000	442	5	84	82	2	80	9	23	19	48	91
Principal building activity											
Education	458	10	90	68	3	78	4	40	21	78	66
Food sales	208	2	6	12	(*)	16	10	147	2	2	12
Food service	279	5	30	31	3	19	46	114	7	4	21
Health care	365	4	69	82	1	61	8	19	17	34	70
Inpatient	251	2	58	46	1	40	7	14	12	21	50
Outpatient	114	2	11	37	(*)	21	1	4	5	13	20
Lodging	304	8	39	49	3	40	10	33	43	6	74
Mercantile	705	13	91	121	7	140	6	191	18	23	94
Retail (other than mall)	281	5	40	47	1	72	2	53	7	11	44
Enclosed and strip malls	424	8	52	75	7	68	4	139	11	12	50
Office	865	19	116	214	2	148	2	28	37	167	132
Public assembly	275	9	82	24	(*)	35	4	25	7	16	73
Public order and safety	73	1	15	5	1	15	1	3	3	8	20
Religious worship	81	3	15	13	(*)	9	1	4	3	3	28
Service	127	3	16	14	(*)	37	(*)	5	4	8	39
Warehouse and storage	284	4	34	13	1	85	(*)	47	6	16	78
Other	191	3	26	16	(*)	37	Q	15	2	40	51
Vacant	26	1	2	4	(*)	5	Q	1	(*)	1	12
Year constructed											
Before 1920	109	2	10	19	(*)	20	3	15	4	10	25
1920 to 1945	219	3	32	35	1	38	4	33	9	23	42
1946 to 1959	290	6	42	48	2	50	6	41	12	25	58
1960 to 1969	502	11	68	73	3	90	11	70	23	56	96
1970 to 1979	582	11	79	100	3	98	15	90	25	58	102
1980 to 1989	797	16	140	130	4	132	14	115	31	77	137
1990 to 1999	727	15	112	108	4	121	18	128	27	65	127
2000 to 2003	380	6	57	61	2	67	8	57	14	40	68
2004 to 2007	330	6	48	47	1	57	5	66	15	25	60
2008 to 2012	304	6	44	49	1	50	8	54	12	26	54

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All buildings	4,241	85	633	668	22	724	93	670	172	405	769
Census region and division											
Northeast	752	17	76	134	3	134	15	121	27	81	143
New England	172	5	13	27	1	29	4	34	7	16	37
Middle Atlantic	579	12	63	107	2	105	11	87	21	65	107
Midwest	851	25	96	141	4	155	23	128	33	79	167
East North Central	595	16	66	100	2	109	15	91	22	55	118
West North Central	256	9	30	41	2	46	8	37	11	24	49
South	1,809	28	369	259	11	295	38	278	72	152	307
South Atlantic	978	15	197	140	7	154	18	154	42	89	162
East South Central	241	5	39	37	1	40	7	42	11	18	41
West South Central	590	8	133	82	3	101	13	82	19	45	103
West	829	14	92	134	4	139	18	143	40	93	152
Mountain	229	5	30	39	1	38	5	35	13	22	41
Pacific	600	9	62	95	3	101	13	109	27	71	111
Climate region¹											
Very cold/Cold	1,430	44	131	246	6	257	32	237	58	138	280
Mixed-humid	1,418	31	216	221	8	243	35	217	61	138	249
Mixed-dry/Hot-dry	520	3	77	76	2	87	11	88	23	60	94
Hot-humid	752	5	202	103	5	117	14	109	25	53	120
Marine	120	2	7	22	1	21	2	18	5	17	26
Number of floors											
One	1,861	40	260	243	13	324	55	434	61	127	304
Two	884	21	124	139	4	154	12	132	36	101	160
Three	373	8	55	64	1	63	8	38	18	43	75
Four to nine	788	12	134	154	2	127	13	50	38	94	163
Ten or more	335	4	59	68	1	55	5	16	19	41	67
Elevators and escalators (more than one may apply)											
Any elevators	1,840	30	310	349	6	304	27	136	83	237	357
Number of elevators											
One	501	11	72	95	2	88	6	52	24	58	94
Two to five	759	13	123	140	3	122	10	51	32	120	147
Six or more	580	6	116	115	1	94	12	33	28	59	116
Any escalators	226	4	40	43	1	42	4	16	12	17	47
Number of workers (main shift)											
Fewer than 5	456	13	54	45	3	78	11	93	22	24	112
5 to 9	381	10	51	49	2	61	16	79	17	24	71
10 to 19	451	11	57	60	3	71	21	99	22	32	76
20 to 49	750	16	101	112	5	126	17	145	30	73	124
50 to 99	730	15	117	119	4	128	9	118	27	75	120
100 to 249	632	9	100	110	3	116	6	86	21	68	113
250 or more	840	11	152	172	3	143	13	50	34	109	153

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All buildings	4,241	85	633	668	22	724	93	670	172	405	769
Weekly operating hours											
Fewer than 40	119	5	20	8	1	17	2	15	6	12	33
40 to 48	527	13	87	74	2	99	3	40	27	82	100
49 to 60	814	21	126	138	4	150	6	64	33	121	152
61 to 84	850	17	126	148	7	143	14	173	25	65	131
85 to 167	682	11	85	92	2	106	34	212	13	27	100
Open continuously	1,248	17	189	209	5	209	34	166	67	97	254
Ownership and occupancy											
Nongovernment owned	3,370	68	472	530	18	571	81	602	136	293	600
Owner occupied	1,554	32	231	222	6	262	43	267	72	117	301
Leased to tenant(s)	1,358	28	177	230	10	229	30	268	48	122	217
Owner occupied and leased	452	7	63	78	2	79	7	67	16	54	79
Unoccupied	6	Q	(*)	(*)	Q	Q	Q	Q	Q	Q	4
Government owned	871	17	161	139	4	153	13	68	36	112	168
Federal	77	1	13	17	(*)	15	1	3	2	8	18
State	275	5	35	55	1	50	4	23	13	34	55
Local	518	11	113	66	3	87	8	43	21	71	95
Party responsible for operation and maintenance of energy systems											
Building owner	3,512	71	539	561	17	606	73	476	149	357	662
Business owner or tenant	620	11	76	90	5	101	16	176	18	39	88
Property management	63	1	10	12	(*)	9	2	8	3	7	11
Other	46	1	8	5	Q	7	2	10	2	2	8
Provider of direct input on energy-related equipment purchases											
Building owner	3,621	73	552	577	18	625	74	505	153	365	679
Business owner or tenant	485	9	61	70	4	78	15	133	14	32	69
Property management	40	1	6	8	(*)	7	1	5	2	3	7
Other	94	1	14	14	(*)	14	3	27	3	5	14
Number of establishments											
One	2,651	55	395	387	12	455	73	405	120	248	501
2 to 5	849	16	122	143	4	145	14	147	29	71	157
6 to 10	240	4	33	45	2	37	2	47	8	28	34
11 to 20	234	5	36	46	2	38	2	45	7	19	33
More than 20	260	4	46	47	2	48	2	26	7	39	38
Currently unoccupied	6	Q	(*)	(*)	Q	(*)	Q	Q	Q	Q	5
Predominant exterior wall material											
Brick, stone, or stucco	2,035	43	309	335	11	330	52	292	92	207	363
Concrete (block or poured)	1,101	18	171	163	7	186	20	232	39	81	183
Concrete panels	411	6	56	69	1	77	5	47	18	50	83
Siding or shingles	244	8	28	35	1	39	10	46	11	19	46
Metal panels	270	7	43	32	1	64	2	31	7	22	62
Window glass	107	2	16	22	(*)	17	1	7	3	21	18
Other	47	1	6	7	(*)	7	1	Q	1	3	9
No one major type	26	(*)	3	5	(*)	5	Q	4	1	2	6

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All buildings	4,241	85	633	668	22	724	93	670	172	405	769
Predominant roof material											
Metal surfacing	576	14	91	65	3	115	11	98	21	45	113
Synthetic or rubber	1,440	29	203	245	6	243	29	228	55	144	258
Built-up	1,150	19	184	199	6	198	26	163	42	118	196
Slate or tile shingles	200	3	26	30	1	30	5	34	12	19	41
Wooden materials (including shingles)	47	(*)	6	6	(*)	7	2	12	2	3	8
Asphalt, fiberglass, or other shingles	670	17	95	99	4	107	19	113	35	56	124
Concrete	102	1	20	16	Q	16	1	11	4	16	18
Other	36	(*)	6	5	Q	5	Q	9	1	2	7
No one major type	18	(*)	3	3	Q	4	Q	Q	1	2	4
Roof characteristics											
Roof tilt											
Flat	2,728	49	428	464	13	472	57	382	102	276	484
Shallow pitch	1,017	21	134	136	6	177	21	213	41	87	182
Steeper pitch	495	14	71	69	3	75	15	75	29	42	103
Cool roof	1,108	18	170	183	6	186	21	179	40	113	190
Renovations in buildings constructed before 2008 (more than one may apply)											
Any type of renovation	2,212	45	332	368	11	367	49	320	89	229	401
Addition or annex	698	14	126	113	4	118	13	84	32	59	136
Reduction in floorspace	121	1	20	23	(*)	22	2	18	4	9	21
Roof replacement	1,124	22	171	194	6	189	27	145	44	118	208
Exterior wall replacement	240	5	39	38	1	37	5	35	8	28	42
Interior wall reconfiguration	1,216	24	186	219	6	199	21	143	48	155	215
Window replacement	601	12	94	100	3	97	15	64	30	73	111
HVAC equipment upgrade	1,477	29	234	252	7	245	30	198	59	157	266
Lighting upgrade	1,398	27	211	235	6	227	34	208	56	147	247
Electrical upgrade	903	18	143	149	4	144	20	121	37	100	167
Plumbing system upgrade	758	15	114	129	4	116	20	99	35	86	139
Insulation upgrade	429	9	64	66	2	63	10	69	19	52	76
Fire, safety, or security upgrade	963	19	160	164	4	150	24	118	38	113	172
Structural upgrade	235	4	40	35	1	35	4	30	11	29	46
Other	44	1	7	9	(*)	8	Q	3	2	6	8
No renovations	1,725	34	256	251	10	307	36	295	71	150	314
Buildings constructed 2008 or later	304	6	44	49	1	50	8	54	12	26	54
Energy sources (more than one may apply)											
Electricity	4,241	85	633	668	22	724	93	670	172	405	769
Natural gas	3,082	51	458	498	14	514	69	523	127	283	545
Fuel oil	1,303	20	224	226	5	222	22	116	51	157	259
District heat	353	3	25	83	1	68	6	23	19	40	84
District chilled water	292	3	12	68	1	58	5	18	16	40	71
Propane	376	11	48	47	2	64	11	78	17	23	75
Other	170	3	26	31	1	30	3	26	5	16	31

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All buildings	4,241	85	633	668	22	724	93	670	172	405	769
Space-heating energy sources											
Electricity	2,642	85	415	408	17	432	57	435	106	246	440
Electricity main	1,499	54	257	216	12	237	32	236	64	149	243
Electricity secondary	1,142	31	158	192	5	195	25	199	42	98	197
Other excluding electricity	1,445	N	181	249	4	261	34	212	62	151	292
Buildings without heating	154	N	36	11	1	31	2	23	4	8	37
Primary space-heating energy source											
Electricity	1,499	54	257	216	12	237	32	236	64	149	243
Natural gas	2,085	23	300	339	8	360	47	361	78	197	372
Fuel oil	81	2	9	12	(*)	17	1	9	4	8	19
District heat	345	3	24	82	1	67	6	22	18	39	83
Propane	61	3	5	6	(*)	9	Q	17	2	3	11
Other	16	Q	1	2	(*)	4	Q	2	Q	1	4
Cooling energy sources											
Electricity	3,954	82	633	619	21	659	89	637	157	373	685
Other excluding electricity	193	1	N	46	1	40	3	13	12	29	48
Buildings without cooling	94	1	N	3	(*)	24	2	20	3	4	36
Water-heating energy sources											
Electricity	2,215	54	341	339	22	380	41	378	74	222	365
Other excluding electricity	1,912	29	277	319	N	316	52	286	95	175	363
Buildings without water heating	114	2	15	10	N	28	Q	5	4	9	41
Cooking energy sources											
Electricity	1,547	32	246	231	9	219	93	312	56	121	229
Other excluding electricity	842	11	134	133	5	120	N	216	38	50	135
Buildings without cooking	1,851	41	254	304	8	384	N	142	78	235	405
Energy end uses (more than one may apply)											
Buildings with space heating	4,086	85	596	657	21	693	91	647	168	397	732
Buildings with cooling	4,147	83	633	665	22	699	92	650	169	401	733
Buildings with water heating	4,127	83	618	658	22	696	93	664	168	396	728
Buildings with cooking	2,390	43	379	364	14	340	93	528	94	171	364
Buildings with manufacturing	228	4	33	28	1	49	3	32	5	15	57
Buildings with electricity generation	1,673	26	272	287	7	274	30	211	65	195	306
Percent of floorspace heated											
Not heated	154	N	36	11	1	31	2	23	4	8	37
1 to 50	334	3	38	38	1	63	4	63	11	39	74
51 to 99	798	13	126	129	5	131	16	158	29	60	131
100	2,955	69	432	491	15	499	71	426	127	298	527
Percent of floorspace cooled											
Not cooled	94	1	N	3	(*)	24	2	20	3	4	36
1 to 50	522	11	42	65	2	122	6	82	19	40	132
51 to 99	1,301	23	187	214	7	206	28	231	49	138	216
100	2,324	48	403	385	12	370	58	336	102	224	385

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All buildings	4,241	85	633	668	22	724	93	670	172	405	769
Percent lit when open											
Zero	3	Q	Q	Q	Q	Q	Q	Q	Q	Q	3
1 to 50	388	10	54	61	2	50	6	49	23	27	107
51 to 99	1,793	36	265	295	11	284	39	307	72	175	309
100	2,045	39	313	311	9	387	49	314	77	203	343
Building never open/electricity not used	11	(*)	1	(*)	Q	Q	Q	Q	Q	Q	7
Percent lit during off hours											
Zero	791	21	117	116	4	126	12	102	32	94	167
1 to 50	2,675	54	415	432	16	463	56	418	106	251	464
51 to 100	562	8	70	88	2	98	20	105	23	47	100
Building always open with no "off hours"	213	2	31	32	1	36	5	44	11	13	38
Electricity not used	N	N	N	N	N	N	N	N	N	N	N
Heating equipment (more than one may apply)											
Heat pumps	613	15	113	86	5	97	11	87	34	62	104
Furnaces	363	11	47	53	2	58	12	68	18	32	63
Individual space heaters	926	29	122	148	5	166	19	132	42	84	179
District heat	350	3	25	83	1	67	6	22	19	40	84
Boilers	1,193	14	208	211	3	197	20	123	52	137	228
Packaged heating units	2,632	63	401	419	15	431	66	493	91	222	431
Other	131	4	9	18	1	15	4	62	2	3	13
Cooling equipment (more than one may apply)											
Residential-type central air conditioners	636	14	93	75	4	108	13	144	29	47	110
Heat pumps	644	16	112	93	5	104	10	96	34	66	108
Individual air conditioners	546	14	88	81	4	89	13	70	34	47	106
District chilled water	292	3	12	68	1	58	5	18	16	40	71
Central chillers	1,120	14	215	210	3	179	18	80	43	147	210
Packaged air conditioning units	2,480	51	390	415	14	404	63	452	85	202	403
Swamp coolers	98	3	13	14	1	16	5	23	3	6	15
Other	32	Q	4	5	Q	5	Q	1	(*)	Q	5
Main equipment replaced since 1990 (more than one may apply)											
Heating	1,323	32	196	202	8	215	30	222	58	135	225
Cooling	1,519	33	245	235	9	243	33	233	68	158	262
Water-heating equipment											
Centralized system	2,484	52	362	391	12	415	67	387	111	230	457
Distributed system	539	12	80	83	3	105	7	75	19	55	99
Combination of centralized and distributed system	1,104	19	176	185	7	176	19	202	38	111	172

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Lighting equipment types (more than one may apply)											
Incandescent	2,087	40	338	336	12	340	46	344	86	184	359
Standard fluorescent	4,085	80	609	650	21	693	89	649	166	394	735
Compact fluorescent	3,034	58	478	507	17	493	72	451	129	305	524
High-intensity discharge (HID)	1,303	22	220	215	7	229	22	190	49	112	237
Halogen	1,632	32	262	271	9	266	37	272	64	138	281
LED	1,416	24	229	248	7	220	28	251	52	117	241
Other	33	Q	5	5	Q	4	1	6	1	2	5
Refrigeration equipment (more than one may apply)											
Any refrigeration	3,923	77	587	623	21	647	93	670	159	365	681
Walk-in units	2,069	30	314	309	12	283	77	547	73	130	292
Cases or cabinets	1,987	32	283	307	11	282	66	523	70	126	288
Large cold storage areas	334	3	38	37	1	42	8	145	7	13	41
Commercial ice makers	2,228	39	354	357	12	326	73	457	91	172	348
Residential-type or compact units	3,109	65	481	513	17	537	59	413	131	324	568
Vending machines	2,532	44	397	430	13	439	39	379	102	243	448
No refrigeration	318	8	45	46	1	77	Q	N	13	40	88
Office equipment (more than one may apply)											
Desktop computers	4,017	78	606	647	20	687	86	620	163	399	711
With flat screen monitors	3,977	77	601	641	20	678	85	614	162	398	700
With multiple monitors	1,785	29	280	321	8	298	26	212	69	233	309
Laptop computers	3,303	65	527	556	17	570	48	427	136	363	595
Dedicated servers	2,964	56	460	496	14	498	51	425	115	341	508
Laser printers	2,921	54	439	488	14	495	52	428	126	316	511
Inkjet printers	1,787	39	284	273	10	306	46	280	66	161	321
FAX machines	3,512	68	531	574	18	612	67	541	140	345	615
Photocopiers	3,099	59	491	528	14	540	43	387	132	344	561
Number of desktop computers											
None	223	6	27	22	2	36	7	50	9	Q	58
1 to 4	700	16	82	82	4	106	41	189	30	22	128
5 to 9	456	10	60	62	3	77	11	106	20	27	80
10 to 19	441	11	58	69	2	79	6	79	17	41	78
20 to 49	716	14	114	118	5	131	8	117	29	55	126
50 to 99	408	10	68	73	2	77	4	45	16	41	72
100 to 249	545	8	75	99	3	101	6	48	25	81	101
250 or more	751	9	150	144	2	116	11	35	27	132	125

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Number of laptop computers											
None	938	20	105	112	5	154	45	243	36	43	174
1 to 4	930	23	136	125	6	165	19	181	40	60	175
5 to 9	431	8	65	73	3	81	6	70	16	32	76
10 to 19	445	11	77	79	3	75	6	63	16	38	78
20 to 49	525	9	72	96	3	91	6	56	25	74	95
50 to 99	292	5	54	53	1	51	4	22	11	37	55
100 to 249	308	4	49	58	1	50	3	17	12	61	53
250 or more	372	6	75	72	1	57	5	18	15	60	63
Number of dedicated servers											
None	1,276	28	173	172	8	225	43	245	57	64	261
1 to 4	1,695	37	242	266	9	295	36	309	68	136	297
5 to 9	343	7	53	60	3	59	4	55	12	35	56
10 to 19	373	5	61	74	1	63	4	34	16	51	64
20 to 49	239	4	50	45	1	39	3	13	9	36	41
50 or more	313	3	55	51	1	42	4	14	10	83	50
Number of photocopiers											
None	1,142	26	142	141	8	184	51	282	40	62	208
One	732	17	102	102	4	127	15	143	31	49	142
2 to 4	998	23	154	167	5	178	10	137	45	104	173
5 to 9	492	9	76	84	3	92	5	58	17	66	83
10 or more	876	10	158	174	2	143	12	49	39	124	163
Number of TVs or video displays											
None	763	17	89	97	3	145	19	140	14	73	166
One	412	9	49	59	2	74	12	84	13	32	77
2 to 4	805	16	123	125	4	146	15	136	27	67	147
5 to 9	512	14	79	80	3	78	14	91	17	58	79
10 to 19	500	8	79	91	3	84	10	76	16	54	79
20 to 49	476	9	80	86	4	80	6	73	21	46	72
50 to 99	264	5	35	43	1	43	4	29	19	38	46
100 or more	508	6	99	87	1	73	14	41	46	37	104
Food preparation or serving areas in non-food service buildings (more than one may apply)											
Snack bar or concession stand	651	11	119	99	3	93	16	131	25	51	102
Fast food or small restaurant	765	9	118	122	5	113	14	202	29	43	110
Cafeteria or large restaurant	890	14	178	156	4	138	18	105	41	87	150
Commercial kitchen/food preparation area	996	17	177	157	5	142	23	200	47	64	165
Small kitchen area	693	13	127	106	3	103	18	108	33	54	127
Separate computer areas (more than one may apply)											
Data center or server farm	814	12	159	141	1	124	9	46	31	151	138
Computer-based training room	1,022	16	185	177	4	174	14	123	39	123	168
Student or public computer center	692	13	125	114	4	111	12	79	36	78	120

Table E3. Electricity consumption (Btu) by end use, 2012

	Total electricity consumption (trillion Btu)										
	Total	Space heating	Cooling	Ventilation	Water heating	Lighting	Cooking	Refrigeration	Office equipment	Computing	Other
All buildings	4,241	85	633	668	22	724	93	670	172	405	769
HVAC conservation features (more than one may apply)											
Economizer cycle	1,839	34	278	343	7	312	33	237	66	200	330
Regular HVAC maintenance	3,782	71	581	620	19	640	82	576	151	377	666
Building automation system (BAS) ²	2,285	38	372	403	10	379	37	311	81	253	401
Window and interior lighting features (more than one may apply)											
Multipaned windows	3,174	68	464	516	17	524	75	515	131	307	556
Tinted window glass	2,451	45	398	408	14	416	45	364	95	240	426
Reflective window glass	1,025	19	169	174	5	163	15	154	41	118	167
External overhangs or awnings	1,874	34	276	296	12	295	50	381	74	158	299
Skylights or atriums	1,131	19	180	205	6	197	18	142	45	105	215
Light scheduling	1,847	32	287	318	10	284	35	327	67	183	302
Occupancy sensors	2,076	36	323	362	10	331	32	310	77	224	372
Multi-level lighting or dimming	929	17	145	161	5	132	21	182	39	72	154
Daylight harvesting	371	6	58	68	2	61	7	64	12	29	66
Demand responsive lighting	272	5	40	45	3	44	4	65	9	16	41
Building automation system (BAS) for lighting ²	816	13	128	144	5	130	14	165	21	71	125
Equipment usage reduced when building not in full use (more than one may apply)											
Heating	3,046	68	470	502	17	509	58	480	118	296	528
Cooling	3,078	66	502	508	17	511	58	476	119	297	525
Lighting	3,880	80	584	620	21	664	83	595	156	376	699
Annual consumption (kilowatthours)											
10,000 or less	14	1	2	1	(*)	3	(*)	1	1	1	6
10,001 to 50,000	170	6	21	20	1	34	2	13	10	18	46
50,001 to 100,000	213	7	27	27	1	41	4	24	11	21	48
100,001 to 500,000	964	23	119	130	6	158	30	209	45	78	165
500,001 to 1,000,000	562	13	83	88	4	88	20	89	28	56	94
1,000,001 to 5,000,000	1,293	23	188	223	6	225	22	239	43	107	217
Over 5,000,000	1,024	12	192	179	4	176	15	95	34	124	194

¹These climate regions were created by the Building America program, sponsored by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE).

²In earlier CBECS publications, BAS was referred to as *Energy Management and Control System (EMCS)*.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 20 buildings were sampled.

N = No cases in reporting sample.

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

Notes: • Because of rounding, data may not sum to totals. • See the *Guide to the 2012 CBECS Detailed Tables* or *CBECS Terminology* for definitions of terms used in these tables and/or comparison of differences with prior CBECS tables. Both references can be accessed from

<http://www.eia.gov/consumption/commercial/data/2012/> • Site electricity is the amount of electricity delivered to commercial buildings. Primary electricity, which is not included in the *Total of major fuels* category, is site electricity plus the conversion losses in the generation, transmission, and distribution processes. • Statistics for the *Energy end uses* category represent total consumption in buildings that have the end use, not consumption specifically for that particular end use. • HVAC = Heating, ventilation, and air conditioning.

Source: U.S. Energy Information Administration, Office of Energy Consumption and Efficiency Statistics, Forms EIA-871A and E of the 2012 Commercial Buildings Energy Consumption Survey.