

Table E5. Electricity consumption (kWh) by end use, 2012

Total electricity consumption (billion kWh)											
	Total	Space heating	Cooling	Ventilation	Water heating	Lighting	Cooking	Refrigeration	Office equipment	Computing	Other
All buildings	1,243	25	185	196	6	212	27	196	50	119	225
Building floorspace (square feet)											
1,001 to 5,000	130	4	15	13	1	17	8	38	6	10	19
5,001 to 10,000	113	2	13	14	1	17	5	27	5	10	19
10,001 to 25,000	159	4	20	23	1	27	4	27	8	15	30
25,001 to 50,000	149	4	22	25	1	28	1	20	6	14	29
50,001 to 100,000	192	4	30	32	1	32	2	30	8	18	34
100,001 to 200,000	190	3	28	34	1	35	2	27	6	21	33
200,001 to 500,000	180	2	34	31	1	32	2	20	6	18	34
Over 500,000	130	1	25	24	(*)	23	3	7	5	14	27
Principal building activity											
Education	134	3	26	20	1	23	1	12	6	23	19
Food sales	61	1	2	3	(*)	5	3	43	1	1	3
Food service	82	1	9	9	1	5	13	33	2	1	6
Health care	107	1	20	24	(*)	18	2	6	5	10	20
Inpatient	74	(*)	17	13	(*)	12	2	4	4	6	15
Outpatient	33	1	3	11	(*)	6	(*)	1	1	4	6
Lodging	89	2	11	14	1	12	3	10	13	2	22
Mercantile	207	4	27	36	2	41	2	56	5	7	28
Retail (other than mall)	82	2	12	14	(*)	21	1	15	2	3	13
Enclosed and strip malls	124	2	15	22	2	20	1	41	3	4	15
Office	253	6	34	63	1	43	1	8	11	49	39
Public assembly	80	3	24	7	(*)	10	1	7	2	5	21
Public order and safety	21	(*)	4	2	(*)	4	(*)	1	1	2	6
Religious worship	24	1	4	4	(*)	3	(*)	1	1	1	8
Service	37	1	5	4	(*)	11	(*)	1	1	2	11
Warehouse and storage	83	1	10	4	(*)	25	(*)	14	2	5	23
Other	56	1	8	5	(*)	11	Q	4	1	12	15
Vacant	8	(*)	1	1	(*)	1	Q	(*)	(*)	(*)	3
Year constructed											
Before 1920	32	1	3	6	(*)	6	1	4	1	3	7
1920 to 1945	64	1	9	10	(*)	11	1	10	3	7	12
1946 to 1959	85	2	12	14	(*)	15	2	12	3	7	17
1960 to 1969	147	3	20	22	1	26	3	21	7	16	28
1970 to 1979	171	3	23	29	1	29	5	26	7	17	30
1980 to 1989	234	5	41	38	1	39	4	34	9	23	40
1990 to 1999	213	5	33	32	1	35	5	38	8	19	37
2000 to 2003	111	2	17	18	1	20	2	17	4	12	20
2004 to 2007	97	2	14	14	(*)	17	2	19	4	7	18
2008 to 2012	89	2	13	14	(*)	15	2	16	3	8	16

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All buildings	1,243	25	185	196	6	212	27	196	50	119	225
Census region and division											
Northeast	220	5	22	39	1	39	4	35	8	24	42
New England	51	1	4	8	(*)	9	1	10	2	5	11
Middle Atlantic	170	4	18	31	1	31	3	25	6	19	31
Midwest	249	7	28	41	1	46	7	37	10	23	49
East North Central	174	5	19	29	1	32	4	27	7	16	35
West North Central	75	3	9	12	(*)	14	2	11	3	7	14
South	530	8	108	76	3	87	11	82	21	45	90
South Atlantic	287	4	58	41	2	45	5	45	12	26	48
East South Central	71	2	11	11	(*)	12	2	12	3	5	12
West South Central	173	2	39	24	1	30	4	24	6	13	30
West	243	4	27	39	1	41	5	42	12	27	44
Mountain	67	1	9	11	(*)	11	2	10	4	7	12
Pacific	176	3	18	28	1	30	4	32	8	21	32
Climate region¹											
Very cold/Cold	419	13	38	72	2	75	9	70	17	40	82
Mixed-humid	415	9	63	65	2	71	10	64	18	40	73
Mixed-dry/Hot-dry	152	1	22	22	1	25	3	26	7	17	28
Hot-humid	220	1	59	30	1	34	4	32	7	15	35
Marine	35	1	2	7	(*)	6	1	5	1	5	8
Number of floors											
One	545	12	76	71	4	95	16	127	18	37	89
Two	259	6	36	41	1	45	4	39	10	29	47
Three	109	2	16	19	(*)	19	2	11	5	12	22
Four to nine	231	3	39	45	1	37	4	15	11	27	48
Ten or more	98	1	17	20	(*)	16	2	5	5	12	20
Elevators and escalators (more than one may apply)											
Any elevators	539	9	91	102	2	89	8	40	24	69	105
Number of elevators											
One	147	3	21	28	1	26	2	15	7	17	28
Two to five	222	4	36	41	1	36	3	15	9	35	43
Six or more	170	2	34	34	(*)	28	4	10	8	17	34
Any escalators	66	1	12	13	(*)	12	1	5	4	5	14
Number of workers (main shift)											
Fewer than 5	134	4	16	13	1	23	3	27	6	7	33
5 to 9	112	3	15	15	1	18	5	23	5	7	21
10 to 19	132	3	17	18	1	21	6	29	6	9	22
20 to 49	220	5	30	33	1	37	5	42	9	21	36
50 to 99	214	4	34	35	1	38	3	35	8	22	35
100 to 249	185	3	29	32	1	34	2	25	6	20	33
250 or more	246	3	45	50	1	42	4	15	10	32	45

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All buildings	1,243	25	185	196	6	212	27	196	50	119	225
Weekly operating hours											
Fewer than 40	35	1	6	2	(*)	5	1	4	2	3	10
40 to 48	155	4	25	22	1	29	1	12	8	24	29
49 to 60	238	6	37	40	1	44	2	19	10	36	45
61 to 84	249	5	37	43	2	42	4	51	7	19	38
85 to 167	200	3	25	27	1	31	10	62	4	8	29
Open continuously	366	5	55	61	2	61	10	49	20	29	74
Ownership and occupancy											
Nongovernment owned	988	20	138	155	5	167	24	176	40	86	176
Owner occupied	455	9	68	65	2	77	13	78	21	34	88
Leased to tenant(s)	398	8	52	67	3	67	9	78	14	36	64
Owner occupied and leased	132	2	19	23	1	23	2	20	5	16	23
Unoccupied	2	Q	(*)	(*)	Q	Q	Q	Q	Q	Q	1
Government owned	255	5	47	41	1	45	4	20	11	33	49
Federal	23	(*)	4	5	(*)	4	(*)	1	1	2	5
State	81	2	10	16	(*)	15	1	7	4	10	16
Local	152	3	33	19	1	26	2	13	6	21	28
Party responsible for operation and maintenance of energy systems											
Building owner	1,029	21	158	165	5	178	21	139	44	105	194
Business owner or tenant	182	3	22	26	1	30	5	52	5	12	26
Property management	18	(*)	3	3	(*)	3	1	2	1	2	3
Other	13	(*)	2	2	Q	2	1	3	1	1	2
Provider of direct input on energy-related equipment purchases											
Building owner	1,061	21	162	169	5	183	22	148	45	107	199
Business owner or tenant	142	3	18	20	1	23	4	39	4	9	20
Property management	12	(*)	2	2	(*)	2	(*)	2	1	1	2
Other	28	(*)	4	4	(*)	4	1	8	1	1	4
Number of establishments											
One	777	16	116	113	3	133	21	119	35	73	147
2 to 5	249	5	36	42	1	43	4	43	9	21	46
6 to 10	70	1	10	13	1	11	1	14	2	8	10
11 to 20	69	1	11	13	1	11	1	13	2	6	10
More than 20	76	1	14	14	1	14	1	8	2	11	11
Currently unoccupied	2	Q	(*)	(*)	Q	(*)	Q	Q	Q	Q	1
Predominant exterior wall material											
Brick, stone, or stucco	596	13	90	98	3	97	15	86	27	61	107
Concrete (block or poured)	323	5	50	48	2	55	6	68	11	24	54
Concrete panels	121	2	16	20	(*)	22	2	14	5	15	24
Siding or shingles	71	2	8	10	(*)	11	3	14	3	6	14
Metal panels	79	2	13	9	(*)	19	1	9	2	6	18
Window glass	31	1	5	6	(*)	5	(*)	2	1	6	5
Other	14	(*)	2	2	(*)	2	(*)	Q	(*)	1	3
No one major type	8	(*)	1	1	(*)	1	Q	1	(*)	1	2

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All buildings	1,243	25	185	196	6	212	27	196	50	119	225
Predominant roof material											
Metal surfacing	169	4	27	19	1	34	3	29	6	13	33
Synthetic or rubber	422	9	59	72	2	71	8	67	16	42	76
Built-up	337	5	54	58	2	58	8	48	12	35	57
Slate or tile shingles	59	1	8	9	(*)	9	1	10	3	6	12
Wooden materials (including shingles)	14	(*)	2	2	(*)	2	1	4	1	1	2
Asphalt, fiberglass, or other shingles	196	5	28	29	1	31	6	33	10	17	36
Concrete	30	(*)	6	5	Q	5	(*)	3	1	5	5
Other	11	(*)	2	2	Q	2	Q	3	(*)	1	2
No one major type	5	(*)	1	1	Q	1	Q	Q	(*)	1	1
Roof characteristics											
Roof tilt											
Flat	799	14	125	136	4	138	17	112	30	81	142
Shallow pitch	298	6	39	40	2	52	6	62	12	26	53
Steeper pitch	145	4	21	20	1	22	4	22	9	12	30
Cool roof	325	5	50	54	2	55	6	52	12	33	56
Renovations in buildings constructed before 2008 (more than one may apply)											
Any type of renovation	648	13	97	108	3	108	14	94	26	67	118
Addition or annex	205	4	37	33	1	35	4	25	9	17	40
Reduction in floorspace	36	(*)	6	7	(*)	7	1	5	1	3	6
Roof replacement	329	7	50	57	2	56	8	43	13	35	61
Exterior wall replacement	70	2	12	11	(*)	11	2	10	2	8	12
Interior wall reconfiguration	356	7	54	64	2	58	6	42	14	46	63
Window replacement	176	4	28	29	1	28	5	19	9	21	33
HVAC equipment upgrade	433	9	68	74	2	72	9	58	17	46	78
Lighting upgrade	410	8	62	69	2	66	10	61	17	43	72
Electrical upgrade	265	5	42	44	1	42	6	35	11	29	49
Plumbing system upgrade	222	4	34	38	1	34	6	29	10	25	41
Insulation upgrade	126	3	19	19	1	18	3	20	6	15	22
Fire, safety, or security upgrade	282	6	47	48	1	44	7	35	11	33	50
Structural upgrade	69	1	12	10	(*)	10	1	9	3	9	13
Other	13	(*)	2	3	(*)	2	Q	1	1	2	2
No renovations	506	10	75	74	3	90	11	87	21	44	92
Buildings constructed 2008 or later	89	2	13	14	(*)	15	2	16	3	8	16
Energy sources (more than one may apply)											
Electricity	1,243	25	185	196	6	212	27	196	50	119	225
Natural gas	903	15	134	146	4	151	20	153	37	83	160
Fuel oil	382	6	66	66	1	65	7	34	15	46	76
District heat	103	1	7	24	(*)	20	2	7	6	12	25
District chilled water	86	1	4	20	(*)	17	1	5	5	12	21
Propane	110	3	14	14	(*)	19	3	23	5	7	22
Other	50	1	8	9	(*)	9	1	8	2	5	9

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All buildings	1,243	25	185	196	6	212	27	196	50	119	225
Space-heating energy sources											
Electricity	774	25	122	120	5	127	17	127	31	72	129
Electricity main	439	16	75	63	3	69	9	69	19	44	71
Electricity secondary	335	9	46	56	2	57	7	58	12	29	58
Other excluding electricity	423	N	53	73	1	76	10	62	18	44	86
Buildings without heating	45	N	11	3	(*)	9	1	7	1	2	11
Primary space-heating energy source											
Electricity	439	16	75	63	3	69	9	69	19	44	71
Natural gas	611	7	88	99	2	105	14	106	23	58	109
Fuel oil	24	1	3	3	(*)	5	(*)	3	1	2	6
District heat	101	1	7	24	(*)	20	2	7	5	12	24
Propane	18	1	1	2	(*)	3	Q	5	1	1	3
Other	5	Q	(*)	1	(*)	1	Q	1	Q	(*)	1
Cooling energy sources											
Electricity	1,159	24	185	182	6	193	26	187	46	109	201
Other excluding electricity	56	(*)	N	13	(*)	12	1	4	4	8	14
Buildings without cooling	27	(*)	N	1	(*)	7	(*)	6	1	1	11
Water-heating energy sources											
Electricity	649	16	100	99	6	111	12	111	22	65	107
Other excluding electricity	560	8	81	94	N	93	15	84	28	51	106
Buildings without water heating	33	(*)	4	3	N	8	Q	2	1	3	12
Cooking energy sources											
Electricity	454	9	72	68	3	64	27	92	16	35	67
Other excluding electricity	247	3	39	39	1	35	N	63	11	15	40
Buildings without cooking	542	12	74	89	2	113	N	42	23	69	119
Energy end uses (more than one may apply)											
Buildings with space heating	1,198	25	175	193	6	203	27	189	49	116	215
Buildings with cooling	1,215	24	185	195	6	205	27	190	50	118	215
Buildings with water heating	1,209	24	181	193	6	204	27	195	49	116	213
Buildings with cooking	700	13	111	107	4	100	27	155	28	50	107
Buildings with manufacturing	67	1	10	8	(*)	14	1	9	1	4	17
Buildings with electricity generation	490	7	80	84	2	80	9	62	19	57	90
Percent of floorspace heated											
Not heated	45	N	11	3	(*)	9	1	7	1	2	11
1 to 50	98	1	11	11	(*)	18	1	18	3	11	22
51 to 99	234	4	37	38	1	38	5	46	9	18	38
100	866	20	127	144	4	146	21	125	37	87	154
Percent of floorspace cooled											
Not cooled	27	(*)	N	1	(*)	7	(*)	6	1	1	11
1 to 50	153	3	12	19	1	36	2	24	6	12	39
51 to 99	381	7	55	63	2	61	8	68	14	40	63
100	681	14	118	113	4	109	17	99	30	66	113

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All buildings	1,243	25	185	196	6	212	27	196	50	119	225
Percent lit when open											
Zero	1	Q	Q	Q	Q	Q	Q	Q	Q	Q	1
1 to 50	114	3	16	18	1	15	2	14	7	8	31
51 to 99	526	11	78	87	3	83	11	90	21	51	91
100	599	11	92	91	3	113	14	92	23	59	101
Building never open/electricity not used	3	(*)	(*)	(*)	Q	Q	Q	Q	Q	Q	2
Percent lit during off hours											
Zero	232	6	34	34	1	37	3	30	9	28	49
1 to 50	784	16	122	127	5	136	16	123	31	74	136
51 to 100	165	2	21	26	(*)	29	6	31	7	14	29
Building always open with no "off hours"	62	1	9	10	(*)	11	2	13	3	4	11
Electricity not used	N	N	N	N	N	N	N	N	N	N	N
Heating equipment (more than one may apply)											
Heat pumps	180	4	33	25	1	28	3	26	10	18	30
Furnaces	106	3	14	15	1	17	3	20	5	9	18
Individual space heaters	271	9	36	43	2	49	6	39	12	25	52
District heat	103	1	7	24	(*)	20	2	7	6	12	24
Boilers	350	4	61	62	1	58	6	36	15	40	67
Packaged heating units	771	18	118	123	5	126	19	144	27	65	126
Other	38	1	3	5	(*)	5	1	18	1	1	4
Cooling equipment (more than one may apply)											
Residential-type central air conditioners	186	4	27	22	1	32	4	42	8	14	32
Heat pumps	189	5	33	27	1	30	3	28	10	19	32
Individual air conditioners	160	4	26	24	1	26	4	21	10	14	31
District chilled water	86	1	4	20	(*)	17	1	5	5	12	21
Central chillers	328	4	63	62	1	53	5	24	12	43	62
Packaged air conditioning units	727	15	114	122	4	118	18	132	25	59	118
Swamp coolers	29	1	4	4	(*)	5	1	7	1	2	4
Other	9	Q	1	1	Q	1	Q	(*)	(*)	Q	1
Main equipment replaced since 1990 (more than one may apply)											
Heating	388	9	57	59	2	63	9	65	17	40	66
Cooling	445	10	72	69	3	71	10	68	20	46	77
Water-heating equipment											
Centralized system	728	15	106	114	3	122	20	114	33	68	134
Distributed system	158	4	23	24	1	31	2	22	6	16	29
Combination of centralized and distributed system	324	6	52	54	2	51	6	59	11	33	50

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Lighting equipment types (more than one may apply)											
Incandescent	612	12	99	99	3	100	14	101	25	54	105
Standard fluorescent	1,197	24	179	191	6	203	26	190	49	115	215
Compact fluorescent	889	17	140	149	5	144	21	132	38	89	154
High-intensity discharge (HID)	382	6	65	63	2	67	6	56	14	33	70
Halogen	478	9	77	80	3	78	11	80	19	41	82
LED	415	7	67	73	2	64	8	74	15	34	71
Other	10	Q	2	2	Q	1	(*)	2	(*)	1	2
Refrigeration equipment (more than one may apply)											
Any refrigeration	1,150	23	172	183	6	189	27	196	47	107	200
Walk-in units	606	9	92	91	3	83	23	160	21	38	85
Cases or cabinets	582	9	83	90	3	83	19	153	20	37	84
Large cold storage areas	98	1	11	11	(*)	12	2	42	2	4	12
Commercial ice makers	653	11	104	105	3	96	21	134	27	50	102
Residential-type or compact units	911	19	141	150	5	157	17	121	38	95	166
Vending machines	742	13	116	126	4	129	11	111	30	71	131
No refrigeration	93	2	13	13	(*)	23	Q	N	4	12	26
Office equipment (more than one may apply)											
Desktop computers	1,177	23	178	190	6	201	25	182	48	117	208
With flat screen monitors	1,166	23	176	188	6	199	25	180	48	117	205
With multiple monitors	523	9	82	94	2	87	8	62	20	68	90
Laptop computers	968	19	155	163	5	167	14	125	40	106	174
Dedicated servers	869	16	135	145	4	146	15	124	34	100	149
Laser printers	856	16	129	143	4	145	15	125	37	92	150
Inkjet printers	524	12	83	80	3	90	13	82	19	47	94
FAX machines	1,029	20	156	168	5	179	20	159	41	101	180
Photocopiers	908	17	144	155	4	158	12	114	39	101	164
Number of desktop computers											
None	65	2	8	6	(*)	11	2	15	2	Q	17
1 to 4	205	5	24	24	1	31	12	56	9	6	37
5 to 9	134	3	18	18	1	23	3	31	6	8	24
10 to 19	129	3	17	20	1	23	2	23	5	12	23
20 to 49	210	4	33	34	1	38	2	34	9	16	37
50 to 99	120	3	20	21	1	23	1	13	5	12	21
100 to 249	160	2	22	29	1	30	2	14	7	24	29
250 or more	220	3	44	42	1	34	3	10	8	39	37

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All buildings	1,243	25	185	196	6	212	27	196	50	119	225
Number of laptop computers											
None	275	6	31	33	1	45	13	71	11	13	51
1 to 4	273	7	40	37	2	48	5	53	12	18	51
5 to 9	126	2	19	21	1	24	2	21	5	9	22
10 to 19	131	3	23	23	1	22	2	19	5	11	23
20 to 49	154	3	21	28	1	27	2	16	7	22	28
50 to 99	85	1	16	15	(*)	15	1	6	3	11	16
100 to 249	90	1	14	17	(*)	15	1	5	4	18	16
250 or more	109	2	22	21	(*)	17	2	5	4	18	18
Number of dedicated servers											
None	374	8	51	50	2	66	13	72	17	19	76
1 to 4	497	11	71	78	3	86	10	90	20	40	87
5 to 9	101	2	15	17	1	17	1	16	4	10	16
10 to 19	109	2	18	22	(*)	18	1	10	5	15	19
20 to 49	70	1	15	13	(*)	12	1	4	3	11	12
50 or more	92	1	16	15	(*)	12	1	4	3	24	15
Number of photocopiers											
None	335	8	41	41	2	54	15	83	12	18	61
One	215	5	30	30	1	37	4	42	9	14	42
2 to 4	293	7	45	49	1	52	3	40	13	31	51
5 to 9	144	3	22	25	1	27	1	17	5	19	24
10 or more	257	3	46	51	1	42	4	14	12	36	48
Number of TVs or video displays											
None	224	5	26	29	1	42	6	41	4	21	49
One	121	3	14	17	1	22	4	25	4	9	22
2 to 4	236	5	36	37	1	43	4	40	8	20	43
5 to 9	150	4	23	23	1	23	4	27	5	17	23
10 to 19	147	2	23	27	1	25	3	22	5	16	23
20 to 49	140	3	23	25	1	24	2	21	6	13	21
50 to 99	77	1	10	13	(*)	13	1	9	6	11	13
100 or more	149	2	29	25	(*)	21	4	12	14	11	31
Food preparation or serving areas in non-food service buildings (more than one may apply)											
Snack bar or concession stand	191	3	35	29	1	27	5	39	7	15	30
Fast food or small restaurant	224	3	34	36	1	33	4	59	9	13	32
Cafeteria or large restaurant	261	4	52	46	1	40	5	31	12	26	44
Commercial kitchen/food preparation area	292	5	52	46	1	42	7	59	14	19	48
Small kitchen area	203	4	37	31	1	30	5	32	10	16	37
Separate computer areas (more than one may apply)											
Data center or server farm	238	4	47	41	(*)	36	3	14	9	44	40
Computer-based training room	300	5	54	52	1	51	4	36	12	36	49
Student or public computer center	203	4	37	33	1	32	4	23	11	23	35

Table E5. Electricity consumption (kWh) by end use, 2012

Total electricity consumption (billion kWh)											
	Total	Space heating	Cooling	Ventilation	Water heating	Lighting	Cooking	Refrigeration	Office equipment	Computing	Other
All buildings	1,243	25	185	196	6	212	27	196	50	119	225
HVAC conservation features (more than one may apply)											
Economizer cycle	539	10	81	100	2	91	10	70	19	58	97
Regular HVAC maintenance	1,108	21	170	182	6	188	24	169	44	110	195
Building automation system (BAS) ²	670	11	109	118	3	111	11	91	24	74	117
Window and interior lighting features (more than one may apply)											
Multipaned windows	930	20	136	151	5	154	22	151	38	90	163
Tinted window glass	718	13	117	120	4	122	13	107	28	70	125
Reflective window glass	300	6	49	51	1	48	4	45	12	35	49
External overhangs or awnings	549	10	81	87	4	86	15	112	22	46	88
Skylights or atriums	332	6	53	60	2	58	5	42	13	31	63
Light scheduling	541	10	84	93	3	83	10	96	20	54	88
Occupancy sensors	609	10	95	106	3	97	9	91	23	66	109
Multi-level lighting or dimming	272	5	43	47	2	39	6	53	11	21	45
Daylight harvesting	109	2	17	20	1	18	2	19	3	8	19
Demand responsive lighting	80	1	12	13	1	13	1	19	3	5	12
Building automation system (BAS) for lighting ²	239	4	37	42	2	38	4	48	6	21	37
Equipment usage reduced when building not in full use (more than one may apply)											
Heating	893	20	138	147	5	149	17	141	35	87	155
Cooling	902	19	147	149	5	150	17	139	35	87	154
Lighting	1,137	23	171	182	6	195	24	174	46	110	205
Annual consumption (kilowatthours)											
10,000 or less	4	(*)	(*)	(*)	(*)	1	(*)	(*)	(*)	(*)	2
10,001 to 50,000	50	2	6	6	(*)	10	1	4	3	5	13
50,001 to 100,000	62	2	8	8	(*)	12	1	7	3	6	14
100,001 to 500,000	283	7	35	38	2	46	9	61	13	23	48
500,001 to 1,000,000	165	4	24	26	1	26	6	26	8	16	28
1,000,001 to 5,000,000	379	7	55	65	2	66	7	70	13	31	63
Over 5,000,000	300	4	56	53	1	51	4	28	10	36	57

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.