

Table C2. Total energy expenditures by major fuel, 2012

	All buildings		Total energy expenditures (million dollars)				
	Number of buildings (thousand)	Total floorspace (million square feet)	Sum of major fuels	Electricity	Natural gas	Fuel oil	District heat
All buildings	5,557	87,093	149,059	121,875	17,279	3,230	6,675
Building floorspace (square feet)							
1,001 to 5,000	2,777	8,041	16,343	13,633	2,157	522	Q
5,001 to 10,000	1,229	8,900	14,230	11,977	1,957	253	Q
10,001 to 25,000	884	14,105	19,921	16,682	2,549	494	Q
25,001 to 50,000	332	11,917	17,299	14,549	2,101	329	320
50,001 to 100,000	199	13,918	22,523	18,473	2,621	559	870
100,001 to 200,000	90	12,415	21,907	17,507	2,261	461	1,678
200,001 to 500,000	38	10,724	20,880	16,706	2,161	329	1,683
Over 500,000	8	7,074	15,956	12,347	1,473	284	1,852
Principal building activity							
Education	389	12,239	16,819	12,893	2,200	658	1,068
Food sales	177	1,252	6,167	5,719	420	Q	N
Food service	380	1,819	9,956	8,070	1,700	Q	Q
Health care	157	4,155	13,072	9,585	1,818	444	1,225
Inpatient	10	2,374	9,373	6,435	1,441	362	1,136
Outpatient	147	1,781	3,699	3,150	377	Q	Q
Lodging	158	5,826	10,997	8,498	1,628	204	667
Mercantile	602	11,330	22,704	20,016	2,392	241	Q
Retail (other than mall)	438	5,439	8,982	8,144	607	188	Q
Enclosed and strip malls	164	5,890	13,722	11,872	1,785	Q	Q
Office	1,012	15,952	30,781	26,240	2,306	449	1,787
Public assembly	352	5,559	10,217	7,889	1,063	160	1,106
Public order and safety	84	1,440	2,766	2,038	310	59	Q
Religious worship	412	4,557	3,338	2,513	691	134	N
Service	619	4,630	5,614	4,121	950	394	Q
Warehouse and storage	796	13,077	9,696	8,442	1,120	129	Q
Other	125	2,002	5,958	5,041	571	243	Q
Vacant	296	3,256	974	809	108	Q	Q
Year constructed							
Before 1920	362	3,983	5,194	3,515	757	398	523
1920 to 1945	488	6,025	9,699	7,279	1,167	355	898
1946 to 1959	599	7,381	11,016	8,455	1,595	428	538
1960 to 1969	639	10,362	18,387	14,326	2,398	478	1,185
1970 to 1979	684	10,846	20,601	16,021	2,542	383	1,655
1980 to 1989	915	15,230	26,174	22,843	2,624	385	321
1990 to 1999	845	13,803	23,763	20,479	2,535	330	420
2000 to 2003	375	7,215	12,599	10,673	1,198	253	Q
2004 to 2007	347	6,524	11,308	9,561	1,284	74	Q
2008 to 2012	303	5,723	10,318	8,723	1,180	145	Q

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All buildings	5,557	87,093	149,059	121,875	17,279	3,230	6,675
Census region and division							
Northeast	805	15,534	34,917	25,123	4,599	2,146	3,049
New England	302	4,302	9,321	6,501	1,067	1,119	Q
Middle Atlantic	504	11,232	25,596	18,622	3,533	1,027	2,414
Midwest	1,237	18,919	27,379	21,717	4,383	367	912
East North Central	735	12,742	19,718	15,676	3,344	237	461
West North Central	502	6,178	7,661	6,040	1,039	130	Q
South	2,247	34,279	54,780	47,473	4,793	553	1,960
South Atlantic	1,091	17,981	31,285	27,244	2,641	387	1,013
East South Central	370	4,904	7,478	6,225	790	73	Q
West South Central	786	11,394	16,017	14,004	1,362	94	557
West	1,267	18,360	31,983	27,563	3,503	164	753
Mountain	338	4,981	7,695	6,224	1,075	Q	Q
Pacific	929	13,379	24,288	21,339	2,428	117	404
Climate region¹							
Very cold/Cold	2,031	31,898	52,579	40,072	8,269	1,967	2,271
Mixed-humid	1,743	27,873	49,440	39,376	5,432	1,043	3,589
Mixed-dry/Hot-dry	837	12,037	20,480	18,349	1,723	62	Q
Hot-humid	799	12,831	21,883	20,169	1,262	133	319
Marine	147	2,454	4,677	3,910	593	26	Q
Number of floors							
One	3,836	39,809	62,436	53,981	7,305	1,009	Q
Two	1,158	20,206	31,065	25,383	3,956	783	Q
Three	374	8,140	14,050	11,014	1,700	553	784
Four to nine	177	13,535	28,310	21,425	3,233	679	2,973
Ten or more	13	5,404	13,198	10,072	1,085	207	1,834
Elevators and escalators (more than one may apply)							
Any elevators	405	32,120	66,070	51,427	7,059	1,348	6,236
Number of elevators							
One	272	11,158	17,859	13,724	2,282	388	Q
Two to five	118	12,817	26,106	21,044	2,612	595	1,855
Six or more	16	8,145	22,105	16,659	2,164	365	2,917
Any escalators	10	3,654	8,114	6,294	652	123	1,046
Number of workers (main shift)							
Fewer than 5	2,892	17,751	16,883	13,812	2,221	767	Q
5 to 9	1,085	8,973	13,631	11,619	1,678	222	Q
10 to 19	731	9,623	16,355	13,555	2,296	270	Q
20 to 49	513	14,514	25,414	21,239	2,954	409	813
50 to 99	206	13,476	23,977	20,070	2,808	514	585
100 to 249	93	10,941	21,742	17,630	2,546	526	1,040
250 or more	37	11,815	31,057	23,951	2,775	523	3,808

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All buildings	5,557	87,093	149,059	121,875	17,279	3,230	6,675
Weekly operating hours							
Fewer than 40	1,149	8,220	4,800	3,740	783	241	Q
40 to 48	1,346	15,828	19,174	16,051	2,118	635	369
49 to 60	1,244	20,529	28,917	24,484	2,960	604	869
61 to 84	764	15,867	30,071	25,240	3,747	477	607
85 to 167	479	9,395	22,874	18,906	2,684	211	1,072
Open continuously	575	17,253	43,224	33,454	4,986	1,062	3,722
Ownership and occupancy							
Nongovernment owned	4,781	67,550	116,648	97,696	13,484	2,224	3,244
Owner occupied	2,466	30,637	53,282	43,284	6,629	1,372	1,997
Leased to tenant(s)	1,745	26,115	47,461	41,062	5,172	578	649
Owner occupied and leased	349	8,873	15,672	13,162	1,647	267	597
Unoccupied	221	1,925	233	189	37	Q	Q
Government owned	776	19,543	32,411	24,179	3,794	1,007	3,431
Federal	33	1,573	3,098	2,246	228	Q	550
State	185	5,539	10,649	7,242	1,259	125	2,023
Local	558	12,431	18,664	14,691	2,307	808	858
Party responsible for operation and maintenance of energy systems							
Building owner	4,715	73,702	123,188	99,912	14,092	2,911	6,273
Business owner or tenant	724	11,309	21,926	18,634	2,776	233	Q
Property management	54	1,250	2,229	1,892	206	24	Q
Other	64	832	1,715	1,437	204	Q	Q
Provider of direct input on energy-related equipment purchases							
Building owner	4,876	76,271	127,298	103,452	14,619	2,964	6,263
Business owner or tenant	540	8,256	16,900	14,356	2,101	156	Q
Property management	35	880	1,499	1,306	121	41	Q
Other	106	1,686	3,361	2,762	438	69	Q
Number of establishments							
One	4,205	54,994	93,466	75,573	11,567	2,368	3,958
2 to 5	862	17,756	30,532	24,651	3,352	589	1,940
6 to 10	147	4,425	8,231	6,963	877	124	267
11 to 20	68	3,704	8,081	6,982	880	26	Q
More than 20	27	3,821	8,483	7,499	553	116	315
Currently unoccupied	248	2,393	266	208	49	Q	Q

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All buildings	5,557	87,093	149,059	121,875	17,279	3,230	6,675
Predominant exterior wall material							
Brick, stone, or stucco	2,312	40,463	72,280	58,369	8,924	1,418	3,569
Concrete (block or poured)	1,121	20,726	37,773	31,422	4,166	678	1,506
Concrete panels	210	8,693	14,004	11,673	1,420	163	747
Siding or shingles	905	5,750	9,387	7,747	1,094	525	Q
Metal panels	933	8,673	9,203	7,509	1,028	330	Q
Window glass	17	1,340	3,634	2,997	385	53	199
Other	37	856	1,813	1,384	Q	Q	Q
No one major type	21	592	965	774	111	Q	Q
Predominant roof material							
Metal surfacing	1,672	15,916	19,379	16,412	1,968	562	Q
Synthetic or rubber	911	25,817	49,992	40,442	6,488	958	2,104
Built-up	836	21,835	39,989	32,582	4,301	748	2,357
Slate or tile shingles	406	4,306	8,128	6,335	901	117	775
Wooden materials (including shingles)	157	1,139	1,885	1,508	289	Q	Q
Asphalt, fiberglass, or other shingles	1,483	15,104	24,366	20,026	2,916	655	768
Concrete	51	1,642	3,275	2,971	177	60	Q
Other	24	678	1,259	1,042	146	Q	Q
No one major type	18	657	787	557	92	Q	Q
Roof characteristics							
Roof tilt							
Flat	1,960	49,623	94,637	77,289	10,950	1,644	4,754
Shallow pitch	2,148	23,853	35,264	29,573	3,811	822	1,057
Steeper pitch	1,449	13,617	19,158	15,013	2,518	764	863
Cool roof	740	19,630	38,636	31,151	4,507	791	2,187

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All buildings	5,557	87,093	149,059	121,875	17,279	3,230	6,675
Renovations in buildings constructed before 2008 (more than one may apply)							
Any type of renovation	2,094	42,216	79,130	62,883	9,407	1,934	4,905
Addition or annex	444	13,022	24,824	18,928	3,376	795	1,725
Reduction in floorspace	71	1,753	4,708	3,164	497	Q	Q
Roof replacement	987	20,917	40,812	31,469	5,201	1,313	2,829
Exterior wall replacement	194	4,230	8,144	6,509	974	263	397
Interior wall reconfiguration	889	21,340	43,350	34,504	4,851	920	3,075
Window replacement	560	12,265	22,649	17,416	2,926	824	1,483
HVAC equipment upgrade	1,101	26,779	53,298	41,872	6,341	1,151	3,934
Lighting upgrade	982	25,503	50,024	39,493	6,007	1,245	3,279
Electrical upgrade	747	16,160	33,090	25,680	4,139	911	2,361
Plumbing system upgrade	644	13,828	28,545	22,025	3,849	818	1,852
Insulation upgrade	382	7,607	15,243	11,754	2,036	320	1,132
Fire, safety, or security upgrade	616	17,196	35,026	27,572	4,234	932	2,288
Structural upgrade	152	3,913	8,258	6,435	1,070	226	528
Other	39	848	1,701	1,332	107	Q	Q
No renovations	3,160	39,154	59,611	50,269	6,692	1,151	1,499
Buildings constructed 2008 or later	303	5,723	10,318	8,723	1,180	145	Q
Energy sources (more than one may apply)							
Electricity	5,234	84,869	149,059	121,875	17,279	3,230	6,675
Natural gas	2,933	58,725	109,664	87,843	17,279	1,002	3,541
Fuel oil	467	20,200	47,354	36,349	4,456	3,230	3,319
District heat	48	5,964	17,326	9,745	748	159	6,675
District chilled water	54	4,608	12,725	7,279	921	108	4,417
Propane	510	7,706	13,179	10,822	1,035	1,008	Q
Other	172	3,826	6,452	5,171	821	201	259
Space-heating energy sources (more than one may apply)							
Electricity	2,858	49,030	86,351	74,674	8,773	1,037	1,867
Natural gas	2,612	49,511	85,944	70,020	15,055	580	288
Fuel oil	270	4,351	8,473	5,358	609	2,484	Q
District heat	48	5,925	17,232	9,679	746	150	6,656
Propane	342	3,067	3,604	3,156	145	301	Q
Other	101	1,010	1,162	948	101	45	Q
Primary space-heating energy source							
Electricity	1,819	26,205	45,007	42,062	2,700	226	Q
Natural gas	2,322	42,988	74,273	60,323	13,530	396	Q
Fuel oil	205	2,542	5,022	2,588	75	2,357	Q
District heat	47	5,797	17,056	9,569	730	130	6,627
Propane	261	1,948	1,663	1,629	Q	Q	N
Other	67	598	583	515	Q	Q	N

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All buildings	5,557	87,093	149,059	121,875	17,279	3,230	6,675
Cooling energy sources (more than one may apply)							
Electricity	4,413	76,034	136,319	114,058	15,988	2,645	3,629
Natural gas	12	732	1,627	1,170	423	21	Q
District chilled water	54	4,608	12,725	7,279	921	108	4,417
Water-heating energy sources (more than one may apply)							
Electricity	2,658	42,755	72,423	63,203	6,010	1,389	1,822
Natural gas	1,758	39,523	77,507	62,383	13,379	587	Q
Fuel oil	77	1,911	4,349	2,648	280	1,401	Q
District heat	25	4,551	13,755	7,601	611	106	5,437
Propane	142	1,575	2,562	2,414	Q	127	Q
Cooking energy sources (more than one may apply)							
Electricity	1,010	25,151	52,305	43,196	5,971	1,035	2,102
Natural gas	740	24,770	58,012	45,887	9,283	596	2,246
Propane	144	2,001	4,512	3,723	142	628	Q
Energy end uses (more than one may apply)							
Buildings with space heating	4,722	80,078	143,605	116,684	17,071	3,176	6,673
Buildings with cooling	4,461	79,294	144,768	118,778	16,667	2,689	6,634
Buildings with water heating	4,423	79,015	144,637	118,083	16,986	3,032	6,537
Buildings with cooking	1,589	38,546	83,495	67,252	10,861	1,808	3,574
Buildings with manufacturing	259	5,078	7,891	6,660	1,020	152	Q
Buildings with electricity generation	410	25,642	57,892	46,125	6,275	1,613	3,879
Percent of floorspace heated							
Not heated	835	7,015	5,454	5,191	208	54	Q
1 to 50	697	10,130	11,572	10,362	978	218	Q
51 to 99	727	14,650	28,357	23,586	3,431	439	901
100	3,298	55,298	103,676	82,737	12,661	2,519	5,758
Percent of floorspace cooled							
Not cooled	1,096	7,799	4,291	3,097	612	541	Q
1 to 50	1,173	18,891	20,397	16,076	3,257	801	263
51 to 99	897	22,728	46,520	37,758	5,161	896	2,704
100	2,391	37,676	77,851	64,944	8,248	992	3,666
Percent lit when open							
Zero	70	322	135	118	Q	Q	Q
1 to 50	1,099	12,628	13,891	11,323	1,761	403	404
51 to 99	1,666	34,814	63,760	51,668	7,898	1,335	2,859
100	2,222	35,726	70,791	58,426	7,537	1,430	3,398
Building never open/electricity not used	501	3,603	482	341	79	Q	Q

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All buildings	5,557	87,093	149,059	121,875	17,279	3,230	6,675
Percent lit during off hours							
Zero	2,489	24,746	30,433	25,350	3,615	1,024	444
1 to 50	2,441	50,753	91,998	75,923	10,723	1,717	3,635
51 to 100	202	6,926	19,923	14,834	2,402	356	2,331
Building always open with no "off hours"	102	2,443	6,705	5,768	538	Q	Q
Electricity not used	323	2,225	N	N	N	N	N
Heating equipment (more than one may apply)							
Heat pumps	628	11,846	20,389	17,577	1,984	292	536
Furnaces	755	8,654	12,617	10,424	1,993	184	Q
Individual space heaters	1,247	20,766	33,023	26,694	4,209	912	1,207
District heat	48	5,925	17,232	9,679	746	150	6,656
Boilers	544	22,443	43,404	34,078	7,351	1,897	Q
Packaged heating units	2,802	49,188	86,846	74,368	10,488	1,126	865
Other	62	1,574	3,924	3,363	451	Q	Q
Cooling equipment (more than one may apply)							
Residential-type central air conditioners	1,546	14,765	23,162	19,238	3,330	363	Q
Heat pumps	692	12,538	21,321	18,431	2,067	282	541
Individual air conditioners	709	12,420	21,552	16,454	2,992	896	1,210
District chilled water	54	4,608	12,725	7,279	921	108	4,417
Central chillers	163	17,041	38,074	30,834	4,259	964	2,017
Packaged air conditioning units	1,909	45,153	84,882	71,017	9,995	1,512	2,357
Swamp coolers	109	1,918	3,620	2,961	519	19	Q
Other	Q	328	1,009	887	86	Q	Q
Main equipment replaced since 1990 (more than one may apply)							
Heating	1,874	27,558	45,544	38,203	6,149	1,189	Q
Cooling	1,971	30,702	54,227	44,610	6,880	1,368	1,369
Water-heating equipment							
Centralized system	3,348	47,534	88,167	70,903	10,835	2,072	4,357
Distributed system	690	12,688	19,356	16,481	2,012	324	539
Combination of centralized and distributed system	385	18,793	37,115	30,698	4,139	636	1,641

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All buildings	5,557	87,093	149,059	121,875	17,279	3,230	6,675
Lighting equipment types (more than one may apply)							
Incandescent	1,826	38,406	72,871	58,067	9,116	1,711	3,977
Standard fluorescent	4,649	80,081	143,245	116,985	16,667	3,054	6,539
Compact fluorescent	2,302	53,816	106,552	85,737	12,698	2,131	5,985
High-intensity discharge (HID)	525	23,396	45,359	36,217	5,202	1,183	2,756
Halogen	905	28,059	56,323	45,983	6,549	1,004	2,787
LED	473	22,071	49,526	40,018	5,745	682	3,081
Other	10	446	1,288	878	109	Q	Q
Refrigeration equipment (more than one may apply)							
Any refrigeration	3,984	73,645	137,069	111,805	16,099	2,838	6,327
Walk-in units	811	28,361	71,295	57,455	9,275	1,259	3,306
Cases or cabinets	915	28,719	68,861	55,957	8,371	1,135	3,398
Large cold storage areas	78	4,171	10,736	9,056	1,293	129	257
Commercial ice makers	846	32,734	75,848	61,035	9,216	1,206	4,391
Residential-type or compact units	3,388	62,381	109,536	88,731	12,924	2,549	5,332
Vending machines	960	43,936	87,026	70,214	9,624	1,679	5,510
No refrigeration	1,573	13,448	11,990	10,070	1,180	392	348
Office equipment (more than one may apply)							
Desktop computers	3,977	77,063	140,644	114,933	16,203	2,903	6,605
With flat screen monitors	3,847	76,160	139,323	113,832	16,013	2,874	6,604
With multiple monitors	911	30,946	62,497	50,411	6,505	1,159	4,423
Laptop computers	2,730	63,486	116,037	94,088	13,410	2,396	6,143
Dedicated servers	1,748	53,369	102,388	84,019	11,172	2,199	4,998
Laser printers	2,339	54,256	101,943	83,064	11,427	2,091	5,361
Inkjet printers	2,187	36,235	63,200	52,214	7,470	1,425	2,090
FAX machines	3,185	66,682	122,287	100,207	14,017	2,479	5,584
Photocopiers	2,163	59,277	108,985	88,288	12,116	2,414	6,167
Number of desktop computers							
None	1,581	10,030	8,415	6,943	1,075	328	Q
1 to 4	2,039	15,669	25,282	20,849	3,668	660	Q
5 to 9	821	9,422	15,649	13,152	2,121	284	Q
10 to 19	482	9,388	15,507	13,203	1,766	298	Q
20 to 49	355	13,094	23,764	20,062	2,633	368	701
50 to 99	143	8,284	13,985	11,748	1,581	308	349
100 to 249	92	9,728	19,760	14,675	1,958	383	2,743
250 or more	44	11,478	26,697	21,243	2,478	602	2,374

Table C2. Total energy expenditures by major fuel, 2012

	All buildings		Total energy expenditures (million dollars)				
	Number of buildings (thousand)	Total floorspace (million square feet)	Sum of major fuels	Electricity	Natural gas	Fuel oil	District heat
All buildings	5,557	87,093	149,059	121,875	17,279	3,230	6,675
Number of laptop computers							
None	2,827	23,607	33,022	27,787	3,869	834	532
1 to 4	1,944	21,161	32,556	27,026	4,432	700	398
5 to 9	350	8,345	14,898	12,044	1,780	308	Q
10 to 19	181	8,343	15,453	12,884	1,868	186	514
20 to 49	144	9,643	18,640	14,733	2,057	383	1,467
50 to 99	58	5,234	10,692	8,429	1,175	331	758
100 to 249	35	5,217	10,633	8,261	999	282	1,091
250 or more	20	5,542	13,165	10,710	1,099	207	1,150
Number of dedicated servers							
None	3,809	33,724	46,671	37,856	6,106	1,031	1,677
1 to 4	1,562	34,097	58,557	48,512	6,943	1,427	1,675
5 to 9	97	6,241	11,694	9,574	1,491	126	503
10 to 19	50	5,711	13,085	10,592	1,093	300	1,101
20 to 49	25	3,758	8,074	6,538	789	163	584
50 or more	13	3,562	10,978	8,803	857	183	1,135
Number of photocopiers							
None	3,394	27,816	40,074	33,587	5,163	817	508
One	1,325	17,080	25,620	21,199	3,301	712	Q
2 to 4	648	20,312	34,204	28,580	4,038	720	866
5 to 9	116	8,863	16,569	13,456	1,830	242	Q
10 or more	75	13,022	32,592	25,054	2,946	739	3,853
Number of TVs or video displays							
None	2,718	24,339	27,735	23,257	3,214	861	402
One	1,145	9,990	14,677	11,897	2,071	494	Q
2 to 4	1,035	16,465	28,609	24,096	3,639	469	404
5 to 9	314	8,148	17,015	14,468	1,723	232	593
10 to 19	154	8,168	16,990	13,430	1,778	262	Q
20 to 49	106	8,058	16,023	13,521	1,488	327	687
50 to 99	48	4,378	8,966	7,071	789	203	902
100 or more	37	7,547	19,044	14,136	2,576	381	1,952
Food preparation or serving areas in non-food service buildings (more than one may apply)							
Snack bar or concession stand	153	9,884	22,669	18,136	2,660	384	1,489
Fast food or small restaurant	173	9,787	25,388	21,235	2,811	200	1,142
Cafeteria or large restaurant	130	15,222	32,102	24,625	4,206	1,002	2,269
Commercial kitchen/food preparation area	282	16,150	35,118	27,221	4,943	783	2,170
Small kitchen area	736	14,054	24,674	19,739	3,190	745	1,001

Table C2. Total energy expenditures by major fuel, 2012

	All buildings		Total energy expenditures (million dollars)				
	Number of buildings (thousand)	Total floorspace (million square feet)	Sum of major fuels	Electricity	Natural gas	Fuel oil	District heat
All buildings	5,557	87,093	149,059	121,875	17,279	3,230	6,675
Separate computer areas (more than one may apply)							
Data center or server farm	97	11,105	28,418	22,702	2,619	637	2,459
Computer-based training room	244	17,723	35,069	28,326	3,710	833	2,200
Student or public computer center	238	14,341	24,649	18,779	3,256	580	2,033
HVAC conservation features (more than one may apply)							
Economizer cycle	601	30,749	64,942	51,308	7,520	1,026	5,088
Regular HVAC maintenance	3,178	69,244	131,733	107,543	15,133	2,681	6,375
Building automation system (BAS) ²	781	37,051	78,304	63,815	8,094	1,371	5,023
Window and interior lighting features (more than one may apply)							
Multipaned windows	3,012	60,362	109,145	89,208	13,407	2,271	4,259
Tinted window glass	1,875	45,025	83,408	68,961	9,673	1,155	3,619
Reflective window glass	549	15,908	34,327	28,594	4,030	484	1,220
External overhangs or awnings	1,867	32,188	64,414	52,842	7,857	974	2,741
Skylights or atriums	591	22,261	41,021	31,935	5,111	938	3,037
Light scheduling	918	30,263	63,371	53,018	7,031	884	2,438
Occupancy sensors	813	35,871	72,679	58,844	8,061	1,403	4,372
Multi-level lighting or dimming	349	14,534	32,911	26,331	4,218	377	1,986
Daylight harvesting	125	6,114	13,036	10,563	1,516	165	791
Demand responsive lighting	176	4,738	9,636	8,365	1,051	72	Q
Building automation system (BAS) for lighting ²	208	12,068	26,570	23,034	2,536	228	771
Equipment usage reduced when building not in full use (more than one may apply)							
Heating	3,699	63,167	108,440	88,705	13,009	2,233	4,494
Cooling	3,517	62,516	108,878	89,825	12,753	1,880	4,419
Lighting	4,757	78,594	137,435.0	111,970	16,253	2,971	6,240

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.

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/>. • 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, Form EIA-871A, C, D, E, and F of the 2012 Commercial Buildings Energy Consumption Survey.