

Table A44. Percent of Floorspace Heated, Number of Buildings and Floorspace, 1992

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Heated	Less than 51 Percent Heated	51 to 99 Percent Heated	100 Percent Heated	All Buildings	Total Heated Floorspace in All Buildings	Not Heated	Less than 51 Percent Heated	51 to 99 Percent Heated	100 Percent Heated	
	0.6	1.6	1.2	1.1	0.7	0.6	0.6	2.2	1.6	1.2	0.7	
RSE Column Factor:	0.6	1.6	1.2	1.1	0.7	0.6	0.6	2.2	1.6	1.2	0.7	RSE Row Factor
All Buildings	4,806	653	688	618	2,846	67,876	51,200	6,211	11,195	10,211	40,260	5.6
Building Floorspace (square feet)												
1,001 to 5,000	2,681	448	340	294	1,600	7,327	5,281	1,150	1,014	844	4,319	7.2
5,001 to 10,000	975	99	156	152	568	7,199	5,370	724	1,182	1,115	4,178	6.8
10,001 to 25,000	647	64	116	96	371	10,375	7,780	979	1,801	1,546	6,050	8.4
25,001 to 50,000	280	27	46	40	167	10,069	7,521	995	1,665	1,415	5,995	12.0
50,001 to 100,000	116	6	13	19	77	8,062	6,665	473	937	1,289	5,364	12.5
100,001 to 200,000	71	7	10	11	43	9,678	7,233	983	1,395	1,590	5,710	16.5
200,001 to 500,000	26	2	4	4	16	7,889	6,287	425	1,148	1,168	5,148	17.1
Over 500,000	9	Q	2	1	5	7,278	5,063	Q	2,054	1,245	3,497	32.5
Principal Building Activity												
Education	301	Q	Q	30	259	8,470	8,161	Q	Q	1,105	7,143	13.2
Food Sales	130	Q	Q	29	79	757	636	Q	Q	189	468	23.2
Food Service	260	Q	21	50	178	1,491	1,259	Q	165	337	934	17.4
Health Care	63	Q	Q	11	50	1,763	1,705	Q	Q	253	1,471	22.4
Lodging	154	Q	Q	20	124	2,891	2,724	Q	Q	601	2,185	19.9
Mercantile and Service	1,272	68	208	210	786	12,402	9,790	619	2,287	2,310	7,186	11.1
Office	749	Q	43	141	561	12,319	11,127	Q	787	3,031	8,437	10.5
Parking Garage	24	7	7	Q	Q	1,652	134	487	1,094	Q	Q	28.6
Public Assembly	278	Q	36	33	188	4,556	3,936	Q	501	402	3,487	21.7
Public Order and Safety	60	Q	Q	Q	45	820	785	Q	Q	Q	729	34.4
Religious Worship	366	Q	20	36	306	3,747	3,493	Q	297	397	3,041	18.8
Warehouse and Storage	761	325	243	38	155	11,484	4,942	2,771	4,287	1,207	3,219	12.2
Other	69	Q	Q	Q	36	1,130	876	Q	Q	Q	729	25.7
Vacant	319	170	67	Q	73	4,396	1,631	1,769	1,212	Q	1,194	15.2
Year Constructed												
1899 or Before	169	Q	35	32	88	1,721	1,319	Q	332	313	973	20.9
1900 to 1919	255	24	45	38	147	3,608	2,642	325	764	590	1,930	19.1
1920 to 1945	724	106	135	110	374	8,712	5,849	1,119	2,015	1,208	4,371	12.4
1946 to 1959	880	121	115	109	535	10,421	7,888	1,053	1,495	1,581	6,292	11.5
1960 to 1969	783	99	115	97	473	12,612	9,702	1,084	2,040	2,061	7,427	11.1
1970 to 1979	982	145	114	125	598	14,014	10,725	1,292	1,966	2,039	8,716	9.9
1980 to 1989	884	124	117	98	544	14,287	11,068	1,036	2,304	2,074	8,873	11.7
1990 to 1992	128	21	11	Q	87	2,502	2,006	199	279	345	1,679	18.2
Census Region												
Northeast	771	77	98	111	484	13,400	10,640	646	2,479	2,114	8,161	11.2
Midwest	1,202	168	163	143	727	17,280	14,107	1,120	2,034	2,249	11,876	10.1
South	1,963	280	298	229	1,155	24,577	17,550	2,983	4,414	3,107	14,073	9.4
West	870	128	128	135	480	12,619	8,903	1,460	2,268	2,740	6,151	12.6
Energy Sources (more than one may apply)												
Electricity	4,616	467	686	616	2,846	66,549	51,194	4,894	11,191	10,204	40,260	5.8
Natural Gas	2,665	47	374	425	1,820	45,097	37,980	647	7,038	7,694	29,718	8.5
Fuel Oil	559	Q	84	85	378	13,218	11,413	Q	1,357	2,696	8,760	11.9
District Heat	95	Q	4	9	82	5,339	4,887	Q	385	815	4,106	22.3
District Chilled Water	28	Q	Q	3	23	2,066	1,852	Q	Q	394	1,493	28.8
Propane	337	Q	58	49	218	3,393	2,645	Q	659	726	1,924	18.6
Any Other	163	Q	51	Q	84	1,551	1,147	Q	324	Q	923	22.9

See footnotes at end of table.

Table A44. Percent of Floorspace Heated, Number of Buildings and Floorspace, 1992 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Heated	Less than 51 Percent Heated	51 to 99 Percent Heated	100 Percent Heated	All Buildings	Total Heated Floorspace in All Buildings	Not Heated	Less than 51 Percent Heated	51 to 99 Percent Heated	100 Percent Heated	
	0.6	1.6	1.2	1.1	0.7	0.6	0.6	2.2	1.6	1.2	0.7	
Energy End Uses (more than one may apply)												
Heated Buildings	4,178	25	688	618	2,846	61,996	51,200	330	11,195	10,211	40,260	6.9
Air-Conditioned Buildings	3,502	66	508	538	2,390	57,041	46,735	1,067	9,796	9,553	36,626	7.5
Buildings with Water Heating	3,502	73	492	539	2,398	58,479	48,559	888	9,557	9,745	38,289	6.9
Buildings with Cooking	734	19	59	133	523	23,065	20,546	Q	2,044	4,280	16,332	10.9
Buildings with Manufacturing	121	Q	26	31	58	3,174	2,292	Q	859	710	1,513	21.3
Climate Zone: 45-Year Average												
Fewer than 2,000 CDD and --												
More than 7,000 HDD	399	59	45	55	240	5,623	4,494	453	607	810	3,753	20.5
5,500-7,000 HDD	1,134	125	153	159	697	18,024	14,913	905	2,423	2,786	11,910	13.7
4,000-5,499 HDD	1,077	122	149	122	684	16,162	12,319	1,376	2,794	2,132	9,859	16.3
Fewer than 4,000 HDD	1,101	152	169	130	651	15,251	10,715	1,725	2,987	2,395	8,145	17.1
More than 2,000 CDD and --												
Fewer than 4,000 HDD	1,095	196	171	153	575	12,816	8,758	1,751	2,384	2,088	6,593	14.6
Predominant Exterior Wall Material												
Masonry	3,115	280	404	424	2,008	48,585	38,566	3,299	7,050	7,350	30,886	6.6
Siding or Shingles	764	131	90	107	436	3,873	2,859	572	422	638	2,241	11.4
Metal Panels	745	220	159	56	310	7,392	3,671	1,802	2,185	803	2,603	12.1
Concrete Panels	87	12	16	11	48	4,961	3,583	300	1,259	801	2,600	20.4
Window Glass	46	Q	Q	9	23	2,028	1,644	Q	Q	398	1,244	27.1
Other	47	Q	Q	13	20	1,037	877	Q	Q	221	686	35.8
Predominant Roof Material												
Built-Up	1,642	160	257	243	983	30,257	23,789	2,126	4,328	5,398	18,405	8.1
Shingles (Not Wood)	1,381	144	152	177	908	10,570	8,362	843	1,523	1,435	6,769	9.8
Metal Surfacing	1,037	283	211	91	452	9,019	4,729	1,990	2,653	915	3,462	10.8
Synthetic or Rubber	386	19	33	54	280	11,702	10,392	206	1,168	1,682	8,647	13.6
Slate or Tile	155	Q	13	17	110	1,998	1,693	Q	194	302	1,368	23.7
Concrete	37	15	6	Q	14	2,544	758	806	1,156	96	485	30.9
Other	167	Q	Q	35	100	1,786	1,477	Q	Q	383	1,125	22.5
Floors												
One	3,007	532	409	327	1,739	25,424	17,666	3,482	4,608	2,878	14,456	8.5
Two	1,154	87	190	160	716	18,025	14,211	877	3,386	2,823	10,939	8.1
Three	446	25	62	90	268	9,877	8,087	698	1,047	1,809	6,324	12.6
Four to Nine	186	9	26	38	114	10,377	7,687	966	1,725	1,744	5,943	16.2
Ten or More	13	Q	2	2	9	4,173	3,549	Q	Q	957	2,599	24.2
Percent Window Glass												
25 or Less	4,193	620	638	513	2,422	51,356	36,753	5,813	9,581	6,761	29,201	6.1
26 to 50	490	26	41	78	344	11,815	10,169	324	1,371	2,379	7,741	11.9
51 to 75	94	Q	Q	24	59	3,206	2,911	Q	Q	876	2,147	18.7
76 to 100	29	Q	Q	3	21	1,499	1,366	Q	Q	195	1,171	30.8
Workers (main shift)												
Less than 5	2,718	586	442	265	1,424	17,944	10,188	4,578	3,678	1,318	8,371	9.0
5 to 9	895	36	127	154	578	7,524	5,541	455	1,659	1,265	4,146	10.1
10 to 19	561	23	69	100	370	8,077	5,714	Q	1,992	1,247	4,286	11.7
20 to 49	405	Q	35	63	303	10,556	8,974	Q	1,350	1,801	7,206	10.4
50 to 99	130	Q	9	18	101	7,763	6,601	Q	1,123	1,200	5,329	14.9
100 to 249	64	Q	4	10	49	7,378	6,730	Q	486	1,425	5,412	17.0
250 or More	31	Q	1	8	22	8,633	7,450	Q	907	1,956	5,511	16.8

See footnotes at end of table.

Table A44. Percent of Floorspace Heated, Number of Buildings and Floorspace, 1992 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Heated	Less than 51 Percent Heated	51 to 99 Percent Heated	100 Percent Heated	All Buildings	Total Heated Floorspace in All Buildings	Not Heated	Less than 51 Percent Heated	51 to 99 Percent Heated	100 Percent Heated	
	0.6	1.6	1.2	1.1	0.7	0.6	0.6	2.2	1.6	1.2	0.7	
Weekly Operating Hours												
39 or Fewer	1,039	323	109	78	528	8,246	5,005	2,369	1,083	467	4,327	11.0
40 to 48	1,278	100	215	164	799	14,998	11,236	1,309	2,579	2,096	9,015	9.1
49 to 60	1,004	87	182	152	583	14,046	10,662	845	2,635	2,877	7,690	9.5
61 to 84	645	43	89	105	407	12,062	9,925	541	1,654	2,227	7,639	11.9
85 to 167	478	43	60	81	294	8,467	6,546	409	1,771	1,275	5,012	13.1
Open Continuously	362	56	33	38	235	10,057	7,826	737	1,473	1,269	6,577	15.9
Additional Operating Hours for Equipment Use												
Heating and/or Cooling	1,223	Q	130	198	882	20,300	17,349	Q	2,614	3,571	13,695	9.7
Lighting	633	33	101	116	384	12,886	10,398	528	2,154	2,249	7,955	12.0
Heating and/or Cooling and Lighting	371	Q	34	76	257	8,717	7,300	Q	1,231	1,542	5,656	15.7
No Additional Hours	3,320	612	491	381	1,837	43,407	30,753	5,549	7,659	5,933	24,267	7.3
Percent Vacant for at Least Three Months												
1-50 Percent	362	36	62	84	179	12,420	9,716	559	2,112	3,021	6,729	13.0
51-99 Percent	97	Q	45	7	32	2,263	1,221	Q	1,020	210	809	26.1
100 Percent	398	202	49	11	136	4,109	1,821	1,792	606	94	1,617	15.8
None	3,948	402	531	516	2,499	49,085	38,443	3,636	7,458	6,887	31,105	6.4
Space-Heating Energy Source (more than one may apply)												
Electricity	1,513	Q	283	224	999	25,636	19,934	Q	5,932	4,569	14,983	9.2
Natural Gas	2,405	Q	353	392	1,654	38,524	32,467	Q	6,524	6,596	25,235	7.2
Fuel Oil	479	Q	73	70	330	7,334	6,541	Q	702	1,444	5,148	14.5
District Heat	94	Q	4	9	80	5,242	4,805	Q	385	815	4,024	22.4
Propane	255	Q	51	34	163	1,568	1,175	Q	393	285	858	23.1
Wood	102	Q	36	Q	49	504	306	Q	211	Q	188	24.8
Any Other	39	Q	Q	Q	26	661	491	Q	Q	Q	444	62.9
Primary Space-Heating Energy Source												
Electricity	1,107	Q	220	160	720	15,502	11,600	Q	4,044	2,406	8,980	11.2
Natural Gas	2,276	Q	332	361	1,576	35,161	29,755	Q	5,783	6,064	23,226	7.5
Fuel Oil	394	Q	62	53	276	4,415	3,896	Q	495	815	3,072	18.3
District Heat	91	Q	3	9	79	5,014	4,601	Q	381	725	3,890	23.3
Propane	217	Q	40	26	146	1,101	794	Q	302	160	610	25.8
Wood	68	Q	Q	Q	Q	257	145	Q	Q	Q	Q	35.7
Any Other	Q	Q	Q	Q	Q	546	Q	Q	Q	Q	Q	71.6
Replacement Energy Source for Primary Heating												
Electricity Only	350	Q	71	55	223	2,559	1,958	Q	674	480	1,389	15.3
Natural Gas Only	213	Q	40	29	143	2,260	1,830	Q	459	279	1,479	19.7
Fuel Oil Only	161	Q	25	31	103	5,451	4,926	Q	527	779	4,140	18.4
Propane Only	212	Q	46	28	135	2,174	1,822	Q	336	366	1,438	19.2
Any Other Single Energy Source	57	Q	Q	Q	34	477	362	Q	Q	Q	153	39.3
More than One Energy Source	93	Q	Q	Q	71	895	743	Q	Q	Q	566	25.8
Percent of Floorspace Cooled												
Not Cooled	1,304	587	180	81	456	10,835	4,465	5,144	1,399	657	3,635	10.3
1 to 50	1,176	48	459	149	520	21,715	14,054	657	8,453	2,745	9,860	9.6
51 to 99	658	Q	23	337	294	13,872	11,915	Q	Q	6,041	6,764	10.3
100	1,668	15	26	51	1,576	21,454	20,766	168	517	767	20,001	13.6

See footnotes at end of table.

Table A44. Percent of Floorspace Heated, Number of Buildings and Floorspace, 1992 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)					RSE Row Factor	
	All Buildings	Not Heated	Less than 51 Percent Heated	51 to 99 Percent Heated	100 Percent Heated	All Buildings	Total Heated Floorspace in All Buildings	Not Heated	Less than 51 Percent Heated	51 to 99 Percent Heated		100 Percent Heated
	0.6	1.6	1.2	1.1	0.7	0.6	0.6	2.2	1.6	1.2		0.7
Percent Lit when Open												
Not Lit	413	315	29	Q	55	3,280	758	2,327	214	Q	661	17.5
1 to 50	881	130	344	83	325	9,980	5,326	1,540	3,942	857	3,641	10.7
51 to 99	813	36	66	255	456	14,224	12,007	Q	1,325	4,535	7,951	11.5
100	2,699	172	249	267	2,011	40,393	33,109	1,929	5,714	4,742	28,007	7.6
Heating Equipment (more than one may apply)												
Heat Pumps	449	Q	74	68	307	8,269	6,647	Q	1,611	1,908	4,750	13.5
Furnaces	1,692	Q	241	267	1,184	16,909	13,366	Q	4,139	2,671	10,099	8.3
Individual Space Heaters	1,464	Q	352	210	902	22,380	17,295	Q	5,663	3,667	13,049	8.6
District Heat	93	Q	4	9	80	5,225	4,805	Q	385	815	4,024	22.4
Boilers	624	Q	47	93	484	20,664	19,125	Q	1,366	3,551	15,747	10.6
Packaged Heating Units	870	Q	96	166	608	16,000	13,423	Q	2,623	3,519	9,857	11.3
Other	42	Q	Q	Q	36	903	813	Q	Q	Q	625	32.3
Heating Distribution Equipment (more than one may apply)												
Radiators or Baseboards	473	Q	33	68	372	13,263	12,374	Q	742	2,347	10,173	12.2
Ducts for Heating	2,955	Q	384	467	2,104	45,422	38,208	Q	7,757	7,852	29,813	6.5
Heating Only	577	Q	102	85	391	5,950	4,658	Q	1,673	809	3,468	13.1
Heating and Cooling	2,378	Q	282	382	1,714	39,472	33,550	Q	6,084	7,043	26,345	7.2
Variable Air-Volume System Used	210	Q	11	31	168	11,528	10,403	Q	1,255	1,764	8,508	17.5
Fan Coil Units for												
Heating	99	Q	11	12	76	5,474	4,973	Q	404	1,190	3,881	18.0
Heating Only	78	Q	Q	11	60	3,569	3,303	Q	Q	897	2,488	20.0
Heating and Cooling	21	Q	Q	2	16	1,906	1,669	Q	Q	293	1,393	26.1
Individual Space Heaters	1,464	Q	352	210	902	22,380	17,295	Q	5,663	3,667	13,049	8.6
Other	181	Q	24	37	120	3,310	2,919	Q	416	740	2,154	20.3
Building Shell Conservation Features (more than one may apply)												
Roof or Ceiling Insulation	3,343	196	431	475	2,241	50,311	41,248	2,154	7,135	8,462	32,559	6.4
Wall Insulation	2,320	126	307	325	1,563	33,240	27,871	1,170	4,163	5,672	22,235	7.9
Storm or Multiple Glazing	1,680	44	189	255	1,193	29,684	25,883	327	3,584	4,674	21,099	9.2
Tinted, Reflective or Shading Glass	1,068	53	136	162	718	25,396	21,475	587	3,437	4,596	16,776	10.9
Exterior or Interior Shading or Awnings	1,853	52	240	301	1,259	34,071	29,282	744	3,887	6,291	23,149	7.9
Windows that Open	2,119	198	297	279	1,345	28,937	23,120	1,738	4,442	4,202	18,555	7.9
HVAC Conservation Features (more than one may apply)												
Variable Air-Volume System	250	Q	16	35	196	13,970	12,514	Q	1,475	2,100	10,302	15.0
Economizer Cycle	414	Q	35	62	311	18,313	16,401	Q	1,908	3,119	13,204	12.7
HVAC Maintenance	2,503	38	319	347	1,799	49,173	41,573	885	7,032	7,481	33,776	7.8

See footnotes at end of table.

Table A44. Percent of Floorspace Heated, Number of Buildings and Floorspace, 1992 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Heated	Less than 51 Percent Heated	51 to 99 Percent Heated	100 Percent Heated	All Buildings	Total Heated Floorspace in All Buildings	Not Heated	Less than 51 Percent Heated	51 to 99 Percent Heated	100 Percent Heated	
	0.6	1.6	1.2	1.1	0.7	0.6	0.6	2.2	1.6	1.2	0.7	
RSE Column Factor:	0.6	1.6	1.2	1.1	0.7	0.6	0.6	2.2	1.6	1.2	0.7	RSE Row Factor
Off-Hour Equipment Reduction (more than one may apply)												
Heating	3,400	Q	581	525	2,280	46,248	38,248	Q	8,552	8,053	29,493	5.8
Cooling	2,872	53	427	452	1,939	42,768	34,944	771	7,616	7,616	26,765	7.6
Hot Water	578	22	94	78	385	9,966	8,578	115	1,340	1,926	6,585	11.6
Lighting	4,089	340	626	561	2,562	54,944	42,646	3,551	9,474	8,837	33,082	5.8
Other	547	24	79	102	342	7,996	6,210	156	1,725	1,765	4,350	15.4
Energy Management Practices (more than one may apply)												
Energy Management and Control System	236	Q	12	35	188	14,320	13,229	Q	877	2,708	10,707	15.1
Demand-Side Management Participation	315	Q	34	45	234	11,310	9,932	Q	1,360	1,878	8,010	13.4
Energy Audit	521	17	51	78	376	14,779	12,437	512	1,707	2,709	9,852	12.3
Building Energy Manager	49	Q	7	6	36	2,311	2,035	Q	323	289	1,699	27.8

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

Notes: • To obtain a RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, "Building Questionnaire," 1992 Commercial Buildings Energy Consumption Survey.

Table A45. Percent of Floorspace Cooled, Number of Buildings and Floorspace, 1992

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Cooled	Less than 51 Percent Cooled	51 to 99 Percent Cooled	100 Percent Cooled	All Buildings	Total Cooled Floorspace in All Buildings	Not Cooled	Less than 51 Percent Cooled	51 to 99 Percent Cooled	100 Percent Cooled	
	0.6	1.2	1.0	1.2	1.0	0.7	0.8	1.4	1.1	1.2	1.1	
RSE Column Factor:	0.6	1.2	1.0	1.2	1.0	0.7	0.8	1.4	1.1	1.2	1.1	RSE Row Factor
All Buildings	4,806	1,304	1,176	658	1,668	67,876	36,457	10,835	21,715	13,872	21,454	5.3
Building Floorspace (square feet)												
1,001 to 5,000	2,681	889	507	299	987	7,327	3,714	2,332	1,531	830	2,633	7.1
5,001 to 10,000	975	216	279	152	327	7,199	3,802	1,598	2,091	1,136	2,374	6.6
10,001 to 25,000	647	128	215	108	196	10,375	5,354	2,012	3,398	1,753	3,213	8.5
25,001 to 50,000	280	44	103	46	87	10,069	5,167	1,635	3,696	1,652	3,087	11.0
50,001 to 100,000	116	12	38	27	39	8,062	4,646	878	2,703	1,785	2,697	11.2
100,001 to 200,000	71	12	21	16	22	9,678	4,999	1,606	2,932	2,247	2,893	14.2
200,001 to 500,000	26	2	9	8	7	7,889	4,386	672	2,705	2,371	2,141	16.5
Over 500,000	9	Q	4	2	Q	7,278	4,389	Q	2,660	2,098	2,416	28.7
Principal Building Activity												
Education	301	49	52	39	160	8,470	4,426	1,080	3,008	1,538	2,844	12.1
Food Sales	130	Q	Q	25	70	757	598	Q	Q	235	377	20.4
Food Service	260	Q	42	72	130	1,491	1,142	Q	361	449	638	14.2
Health Care	63	Q	Q	15	40	1,763	1,591	Q	Q	576	1,081	18.1
Lodging	154	34	12	31	77	2,891	2,074	398	356	891	1,246	18.9
Mercantile and Service	1,272	330	457	163	322	12,402	6,998	1,528	4,088	3,332	3,454	9.5
Office	749	Q	84	187	460	12,319	10,485	Q	1,238	4,662	6,298	9.0
Parking Garage	24	11	10	Q	Q	1,652	78	731	891	Q	Q	32.6
Public Assembly	278	70	56	40	112	4,556	3,217	479	902	808	2,367	18.3
Public Order and Safety	60	Q	30	Q	9	820	404	Q	392	Q	186	28.3
Religious Worship	366	80	41	39	206	3,747	2,192	626	1,015	450	1,657	16.1
Warehouse and Storage	761	437	282	18	24	11,484	1,648	3,599	7,090	392	402	13.9
Other	69	25	20	10	15	1,130	617	90	478	260	301	23.6
Vacant	319	205	62	Q	44	4,396	989	2,014	1,693	Q	598	16.4
Year Constructed												
1899 or Before	169	50	67	24	28	1,721	672	414	828	228	251	19.4
1900 to 1919	255	86	68	44	58	3,608	1,366	849	1,555	679	526	17.7
1920 to 1945	724	234	190	106	195	8,712	3,511	2,126	3,240	1,492	1,853	11.5
1946 to 1959	880	237	250	111	282	10,421	4,647	2,161	3,942	1,636	2,682	9.7
1960 to 1969	783	220	181	103	279	12,612	6,994	2,011	3,604	3,167	3,830	10.2
1970 to 1979	982	241	212	142	387	14,014	8,497	1,728	3,881	3,035	5,370	8.7
1980 to 1989	884	202	191	112	379	14,287	9,055	1,302	4,132	3,045	5,807	11.0
1990 to 1992	128	35	17	16	60	2,502	1,716	244	534	590	1,134	18.1
Census Region												
Northeast	771	250	241	125	155	13,400	5,847	2,242	5,640	3,049	2,469	11.0
Midwest	1,202	417	287	170	327	17,280	8,393	2,898	6,318	3,825	4,240	9.4
South	1,963	394	486	244	839	24,577	15,202	3,372	6,482	4,097	10,627	8.7
West	870	243	161	119	347	12,619	7,015	2,323	3,275	2,902	4,118	11.2
Energy Sources (more than one may apply)												
Electricity	4,616	1,114	1,176	658	1,668	66,549	36,457	9,508	21,715	13,872	21,454	5.3
Natural Gas	2,665	402	740	457	1,065	45,097	26,496	3,674	15,579	10,765	15,079	6.5
Fuel Oil	559	180	191	79	108	13,218	8,061	1,137	3,991	4,085	4,005	11.1
District Heat	95	14	24	18	39	5,339	3,299	552	1,466	1,562	1,758	16.8
District Chilled Water	28	Q	Q	6	20	2,066	1,650	Q	Q	702	988	22.4
Propane	337	107	106	46	78	3,393	1,388	556	1,556	608	674	16.7
Any Other	163	93	47	Q	14	1,551	424	435	724	Q	190	22.8

See footnotes at end of table.

Table A45. Percent of Floorspace Cooled, Number of Buildings and Floorspace, 1992 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Cooled	Less than 51 Percent Cooled	51 to 99 Percent Cooled	100 Percent Cooled	All Buildings	Total Cooled Floorspace in All Buildings	Not Cooled	Less than 51 Percent Cooled	51 to 99 Percent Cooled	100 Percent Cooled	
	0.6	1.2	1.0	1.2	1.0	0.7	0.8	1.4	1.1	1.2	1.1	
Energy End Uses (more than one may apply)												
Heated Buildings	4,178	739	1,131	654	1,655	61,996	36,003	5,923	21,153	13,631	21,289	5.5
Air-Conditioned Buildings	3,502	Q	1,176	658	1,668	57,041	36,457	Q	21,715	13,872	21,454	5.4
Buildings with Water Heating	3,502	485	992	606	1,418	58,479	34,691	4,640	19,984	13,574	20,281	5.9
Buildings with Cooking	734	71	159	178	326	23,065	16,180	1,062	5,471	7,211	9,321	10.0
Buildings with Manufacturing	121	29	59	22	11	3,174	956	304	2,104	461	306	18.9
Climate Zone: 45-Year Average												
Fewer than 2,000 CDD and --												
More than 7,000 HDD	399	170	95	57	77	5,623	2,424	1,356	1,969	919	1,379	18.0
5,500-7,000 HDD	1,134	368	304	180	282	18,024	8,590	3,047	6,800	4,304	3,872	12.1
4,000-5,499 HDD	1,077	324	279	143	332	16,162	8,125	2,613	5,670	3,537	4,342	14.9
Fewer than 4,000 HDD	1,101	263	231	132	475	15,251	9,012	2,382	4,008	2,871	5,991	16.7
More than 2,000 CDD and --												
Fewer than 4,000 HDD	1,095	180	266	146	503	12,816	8,306	1,437	3,268	2,241	5,870	14.0
Predominant Exterior Wall Material												
Masonry	3,115	625	758	483	1,249	48,585	27,375	6,501	15,472	9,925	16,686	5.9
Siding or Shingles	764	291	121	117	236	3,873	1,852	1,248	849	707	1,068	10.6
Metal Panels	745	351	242	30	121	7,392	1,951	2,538	3,339	481	1,034	13.7
Concrete Panels	87	17	29	14	28	4,961	2,915	397	1,583	1,663	1,317	18.4
Window Glass	46	Q	Q	10	21	2,028	1,605	Q	Q	878	796	23.2
Other	47	Q	19	Q	13	1,037	759	Q	170	216	552	31.3
Predominant Roof Material												
Built-Up	1,642	323	436	256	627	30,257	17,289	3,853	9,401	6,321	10,682	7.3
Shingles (Not Wood)	1,381	357	252	214	559	10,570	5,908	1,965	2,933	2,082	3,591	9.0
Metal Surfacing	1,037	461	319	69	188	9,019	2,837	2,942	3,839	689	1,548	11.2
Synthetic or Rubber	386	67	103	64	151	11,702	7,641	809	3,097	3,812	3,984	10.7
Slate or Tile	155	42	18	27	67	1,998	1,033	390	543	408	656	18.6
Concrete	37	10	13	Q	10	2,544	728	635	1,367	225	318	31.8
Other	167	43	35	25	64	1,786	1,021	242	535	335	674	18.8
Floors												
One	3,007	942	658	301	1,106	25,424	12,555	5,572	8,053	3,336	8,463	8.0
Two	1,154	238	312	196	407	18,025	9,877	2,276	6,267	3,561	5,921	7.5
Three	446	92	137	115	102	9,877	5,172	1,255	3,359	2,580	2,684	10.7
Four to Nine	186	31	65	41	49	10,377	5,697	1,622	3,155	2,616	2,985	14.0
Ten or More	13	Q	3	4	5	4,173	3,156	Q	881	1,780	1,402	20.7
Percent Window Glass												
25 or Less	4,193	1,206	1,045	541	1,401	51,356	25,689	9,666	17,378	8,678	15,634	5.8
26 to 50	490	80	109	85	216	11,815	7,212	942	3,594	3,264	4,015	10.4
51 to 75	94	14	18	28	33	3,206	2,285	175	598	1,427	1,006	19.3
76 to 100	29	Q	Q	4	17	1,499	1,271	Q	Q	502	800	26.7
Workers (main shift)												
Less than 5	2,718	1,096	582	251	790	17,944	6,736	7,225	4,650	1,249	4,820	9.5
5 to 9	895	115	268	143	369	7,524	3,567	1,276	3,132	1,056	2,061	8.6
10 to 19	561	60	162	114	226	8,077	3,822	1,123	3,447	1,287	2,221	11.2
20 to 49	405	20	113	92	179	10,556	6,048	566	4,190	2,391	3,410	10.9
50 to 99	130	12	37	26	55	7,763	4,216	450	3,265	1,497	2,551	13.8
100 to 249	64	Q	12	18	33	7,378	4,869	Q	2,228	2,007	2,960	13.8
250 or More	31	Q	1	14	15	8,633	7,199	Q	804	4,386	3,430	14.6

See footnotes at end of table.

Table A45. Percent of Floorspace Cooled, Number of Buildings and Floorspace, 1992 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Cooled	Less than 51 Percent Cooled	51 to 99 Percent Cooled	100 Percent Cooled	All Buildings	Total Cooled Floorspace in All Buildings	Not Cooled	Less than 51 Percent Cooled	51 to 99 Percent Cooled	100 Percent Cooled	
RSE Column Factor:	0.6	1.2	1.0	1.2	1.0	0.7	0.8	1.4	1.1	1.2	1.1	
Weekly Operating Hours												
39 or Fewer	1,039	526	127	80	306	8,246	2,790	3,614	2,176	521	1,935	10.8
40 to 48	1,278	271	341	184	482	14,998	7,657	2,441	5,216	2,726	4,616	8.5
49 to 60	1,004	217	346	133	307	14,046	7,368	1,828	5,317	2,784	4,118	8.4
61 to 84	645	116	197	102	230	12,062	7,422	904	3,796	3,123	4,238	9.6
85 to 167	478	73	106	99	200	8,467	4,897	725	2,860	2,379	2,504	12.0
Open Continuously	362	100	59	60	142	10,057	6,324	1,324	2,351	2,340	4,043	14.7
Additional Operating Hours for Equipment Use												
Heating and/or Cooling	1,223	189	327	227	479	20,300	11,845	1,677	7,124	5,315	6,185	8.7
Lighting	633	109	172	128	224	12,886	8,014	860	4,003	3,781	4,243	10.1
Heating and/or Cooling and Lighting	371	35	98	89	149	8,717	5,561	367	2,753	2,670	2,927	14.2
No Additional Hours	3,320	1,041	775	391	1,114	43,407	22,159	8,666	13,341	7,447	13,953	7.0
Percent Vacant for at Least Three Months												
1-50 Percent	362	55	98	84	125	12,420	8,384	583	3,003	4,844	3,990	11.5
51-99 Percent	97	27	40	7	23	2,263	1,013	253	1,183	196	630	24.3
100 Percent	398	251	58	8	81	4,109	915	2,233	1,124	105	646	16.7
None	3,948	970	980	559	1,439	49,085	26,145	7,765	16,406	8,727	16,187	5.8
Cooling Energy Sources (more than one may apply)												
Electricity	3,404	Q	1,154	643	1,608	54,628	34,628	Q	21,068	13,370	20,191	5.5
Natural Gas	106	Q	31	17	59	1,906	1,535	Q	456	380	1,070	19.7
District Chilled Water	28	Q	Q	6	20	2,066	1,650	Q	Q	702	988	22.4
Percent of Floorspace Heated												
Not Heated	653	587	48	Q	15	6,211	460	5,144	657	Q	168	20.6
1 to 50	688	180	459	23	26	11,195	2,697	1,399	8,453	Q	517	13.6
51 to 99	618	81	149	337	51	10,211	6,034	657	2,745	6,041	767	11.0
100	2,846	456	520	294	1,576	40,260	27,266	3,635	9,860	6,764	20,001	6.3
Percent Lit when Open												
Not Lit	413	359	24	Q	25	3,280	314	2,501	562	Q	206	18.5
1 to 50	881	301	374	64	142	9,980	3,260	2,758	4,867	802	1,553	10.6
51 to 99	813	148	170	251	244	14,224	8,878	1,166	3,952	4,855	4,251	10.6
100	2,699	496	608	339	1,256	40,393	24,005	4,409	12,334	8,205	15,444	6.3
Cooling Equipment (more than one may apply)												
Residential-Type Central Air Conditioners	816	Q	259	168	389	9,021	5,284	Q	4,166	1,961	2,894	9.7
Heat Pumps	454	Q	111	79	263	8,406	5,451	Q	3,024	1,832	3,550	11.1
Individual Air Conditioners	1,023	Q	568	191	265	17,979	8,146	Q	10,452	3,767	3,761	11.2
District Chilled Water	28	Q	Q	6	20	2,066	1,650	Q	Q	702	988	22.4
Central Chillers	142	Q	20	46	76	12,991	10,863	Q	1,752	4,712	6,527	14.5
Packaged Air Conditioning Units	1,459	Q	346	317	796	27,830	19,229	Q	9,007	7,824	10,999	7.0
Swamp Coolers	179	Q	57	31	91	2,085	1,442	Q	659	652	774	25.1
Other	8	Q	Q	Q	Q	268	228	Q	Q	Q	Q	57.4

See footnotes at end of table.

Table A45. Percent of Floorspace Cooled, Number of Buildings and Floorspace, 1992 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Cooled	Less than 51 Percent Cooled	51 to 99 Percent Cooled	100 Percent Cooled	All Buildings	Total Cooled Floorspace in All Buildings	Not Cooled	Less than 51 Percent Cooled	51 to 99 Percent Cooled	100 Percent Cooled	
	0.6	1.2	1.0	1.2	1.0	0.7	0.8	1.4	1.1	1.2	1.1	
Cooling Distribution Equipment (more than one may apply)												
Ducts for Cooling	2,733	Q	698	557	1,478	47,755	33,106	Q	15,366	12,367	20,022	5.7
Cooling Only	355	Q	147	68	140	8,283	5,165	Q	3,478	1,898	2,908	11.6
Heating and Cooling	2,378	Q	551	489	1,338	39,472	27,941	Q	11,888	10,469	17,115	5.9
Variable Air-Volume System Used	221	Q	38	50	134	12,430	10,197	Q	1,936	3,887	6,607	12.5
Fan Coil Units for Cooling	56	Q	17	14	25	3,875	2,914	Q	942	1,352	1,581	19.8
Cooling Only	35	Q	14	8	13	1,969	1,343	Q	699	574	697	30.7
Heating and Cooling	21	Q	Q	5	12	1,906	1,572	Q	Q	778	884	18.8
Individual Air Conditioners	1,023	Q	568	191	265	17,979	8,146	Q	10,452	3,767	3,761	11.2
Other	111	Q	45	23	44	2,919	2,202	Q	695	1,084	1,139	22.0
Building Shell Conservation Features (more than one may apply)												
Roof or Ceiling Insulation	3,343	616	835	531	1,362	50,311	30,272	5,124	15,497	11,573	18,116	5.6
Wall Insulation	2,320	412	549	356	1,004	33,240	21,638	2,963	8,977	7,713	13,588	6.8
Storm or Multiple Glazing	1,680	275	426	314	665	29,684	18,672	2,354	9,092	7,158	11,080	7.9
Tinted, Reflective or Shading Glass	1,068	91	261	195	521	25,396	17,541	1,046	6,787	7,107	10,456	9.3
Exterior or Interior Shading or Awnings	1,853	147	496	381	829	34,071	22,553	1,873	9,868	8,975	13,356	7.5
Windows that Open	2,119	604	568	277	670	28,937	13,930	4,971	10,559	5,478	7,929	7.3
HVAC Conservation Features (more than one may apply)												
Variable Air-Volume System	250	14	47	51	138	13,970	10,724	244	2,655	4,375	6,697	13.6
Economizer Cycle	414	Q	105	103	206	18,313	14,038	Q	4,005	6,384	7,924	10.8
HVAC Maintenance	2,503	327	663	427	1,086	49,173	30,641	3,338	15,589	11,979	18,267	6.4
Off-Hour Equipment Reduction (more than one may apply)												
Heating	3,400	596	964	517	1,323	46,248	26,342	4,322	16,548	10,204	15,174	5.5
Cooling	2,872	Q	1,001	535	1,335	42,768	26,905	Q	16,782	10,766	15,221	5.3
Hot Water	578	133	172	77	195	9,966	5,639	1,135	3,304	2,410	3,117	10.6
Lighting	4,089	922	1,090	580	1,498	54,944	29,637	7,602	18,829	11,369	17,144	5.1
Other	547	101	156	101	189	7,996	4,339	704	3,095	1,993	2,204	13.8
Energy Management Practices (more than one may apply)												
Energy Management and Control System	236	19	42	54	121	14,320	11,157	493	2,350	4,925	6,552	13.8
Demand-Side Management Participation	315	48	82	72	113	11,310	7,290	643	3,141	3,605	3,920	12.2
Energy Audit	521	97	134	107	184	14,779	8,810	1,143	4,763	4,251	4,622	10.1
Building Energy Manager	49	Q	7	14	22	2,311	1,606	Q	635	489	1,098	23.4

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

Notes: • To obtain a RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, "Building Questionnaire," 1992 Commercial Buildings Energy Consumption Survey.

Table A46. Percent of Floorspace Lit, Number of Buildings and Floorspace, 1992

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Lit when Open	Less than 51 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	All Buildings	Total Lit Floorspace in All Buildings	Not Lit when Open	Less than 51 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	
	0.6	1.8	1.1	1.0	0.7	0.6	0.7	2.2	1.4	1.2	0.8	
RSE Column Factor:	0.6	1.8	1.1	1.0	0.7	0.6	0.7	2.2	1.4	1.2	0.8	RSE Row Factor
All Buildings	4,806	413	881	813	2,699	67,876	54,961	3,280	9,980	14,224	40,393	5.7
Building Floorspace (square feet)												
1,001 to 5,000	2,681	287	489	387	1,518	7,327	5,420	724	1,405	1,076	4,122	7.2
5,001 to 10,000	975	64	180	189	541	7,199	5,527	458	1,318	1,405	4,018	7.1
10,001 to 25,000	647	36	144	128	339	10,375	7,881	529	2,235	2,092	5,520	8.5
25,001 to 50,000	280	18	41	63	158	10,069	7,993	613	1,500	2,300	5,656	11.4
50,001 to 100,000	116	5	14	24	73	8,062	6,845	341	1,017	1,605	5,099	12.1
100,001 to 200,000	71	Q	11	13	46	9,678	8,154	Q	1,501	1,816	6,296	15.5
200,001 to 500,000	26	Q	2	5	19	7,889	7,025	Q	557	1,363	5,743	18.2
Over 500,000	9	Q	Q	Q	4	7,278	6,116	Q	Q	2,568	3,939	31.1
Principal Building Activity												
Education	301	Q	Q	56	238	8,470	8,119	Q	Q	2,044	6,284	11.9
Food Sales	130	Q	Q	Q	93	757	698	Q	Q	Q	591	23.6
Food Service	260	Q	28	52	180	1,491	1,257	Q	260	350	882	15.8
Health Care	63	Q	Q	19	38	1,763	1,688	Q	Q	351	1,368	20.9
Lodging	154	Q	26	27	100	2,891	2,563	Q	342	599	1,948	20.2
Mercantile and Service	1,272	Q	217	236	809	12,402	10,929	Q	1,274	2,759	8,335	10.1
Office	749	Q	77	197	475	12,319	11,170	Q	773	3,429	8,116	9.8
Parking Garage	24	Q	Q	Q	15	1,652	1,562	Q	Q	Q	1,454	40.5
Public Assembly	278	Q	90	58	128	4,556	3,517	Q	931	Q	1,806	17.1
Public Order and Safety	60	Q	Q	13	34	820	712	Q	Q	196	542	33.3
Religious Worship	366	Q	81	67	218	3,747	2,541	Q	1,446	799	1,503	16.9
Warehouse and Storage	761	168	241	50	303	11,484	8,353	756	2,928	1,266	6,535	11.9
Other	69	Q	Q	11	42	1,130	963	Q	Q	230	746	26.2
Vacant	319	221	63	Q	26	4,396	889	2,403	1,488	Q	282	16.6
Year Constructed												
1899 or Before	169	Q	61	41	55	1,721	1,088	Q	652	429	560	18.9
1900 to 1919	255	23	79	52	101	3,608	2,309	321	1,175	946	1,166	18.8
1920 to 1945	724	76	168	122	359	8,712	6,643	654	1,584	1,535	4,939	12.5
1946 to 1959	880	78	151	150	501	10,421	8,127	554	1,862	2,115	5,890	10.8
1960 to 1969	783	55	138	132	458	12,612	10,704	457	1,523	2,264	8,369	11.4
1970 to 1979	982	83	150	163	586	14,014	11,838	630	1,414	2,982	8,988	10.4
1980 to 1989	884	74	114	138	558	14,287	12,084	512	1,489	3,539	8,745	11.9
1990 to 1992	128	Q	20	15	82	2,502	2,167	Q	280	413	1,737	20.8
Census Region												
Northeast	771	46	170	171	384	13,400	11,215	454	1,763	3,098	8,085	12.1
Midwest	1,202	138	245	210	609	17,280	13,556	1,031	2,771	3,914	9,565	9.7
South	1,963	178	344	283	1,158	24,577	19,815	1,193	3,759	4,613	15,013	9.6
West	870	51	123	148	549	12,619	10,375	601	1,688	2,599	7,731	13.7
Energy Sources (more than one may apply)												
Electricity	4,616	223	881	813	2,699	66,549	54,961	1,952	9,980	14,224	40,393	5.7
Natural Gas	2,665	50	488	504	1,623	45,097	38,236	650	6,381	9,745	28,321	7.6
Fuel Oil	559	Q	118	115	310	13,218	11,487	Q	1,382	3,202	8,401	12.4
District Heat	95	Q	11	23	61	5,339	4,747	Q	336	1,119	3,704	19.4
District Chilled Water	28	Q	Q	5	20	2,066	1,819	Q	Q	394	1,444	25.7
Propane	337	Q	54	52	214	3,393	2,868	Q	484	571	2,263	18.8
Any Other	163	Q	48	28	74	1,551	1,196	Q	351	320	832	23.1

See footnotes at end of table.

Table A46. Percent of Floorspace Lit, Number of Buildings and Floorspace, 1992 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Lit when Open	Less than 51 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	All Buildings	Total Lit Floorspace in All Buildings	Not Lit when Open	Less than 51 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	
	0.6	1.8	1.1	1.0	0.7	0.6	0.7	2.2	1.4	1.2	0.8	
RSE Column Factor:	0.6	1.8	1.1	1.0	0.7	0.6	0.7	2.2	1.4	1.2	0.8	RSE Row Factor
Energy End Uses (more than one may apply)												
Heated Buildings	4,178	103	760	780	2,536	61,996	52,476	1,047	8,527	13,822	38,601	6.1
Air-Conditioned Buildings	3,502	54	580	665	2,203	57,041	48,813	779	7,222	13,058	35,984	6.7
Buildings with Water Heating	3,502	67	605	663	2,167	58,479	49,962	819	7,515	13,540	36,604	6.6
Buildings with Cooking	734	Q	111	154	463	23,065	20,477	Q	2,094	6,377	14,526	10.2
Buildings with Manufacturing	121	Q	27	17	73	3,174	2,592	Q	565	765	1,815	21.4
Floors												
One	3,007	326	458	404	1,819	25,424	20,399	1,785	3,324	4,357	15,957	8.3
Two	1,154	61	262	234	598	18,025	14,363	560	3,554	3,789	10,121	8.1
Three	446	21	117	112	196	9,877	8,051	312	1,481	2,575	5,509	12.0
Four to Nine	186	Q	44	59	80	10,377	8,564	Q	1,477	2,355	6,259	15.3
Ten or More	13	Q	1	4	8	4,173	3,585	Q	143	1,147	2,546	24.4
Percent Window Glass												
25 or Less	4,193	391	803	688	2,311	51,356	40,844	2,677	8,465	9,946	30,268	6.1
26 to 50	490	14	69	103	305	11,815	9,854	514	1,281	3,260	6,759	12.7
51 to 75	94	Q	5	21	63	3,206	2,868	Q	137	866	2,131	19.2
76 to 100	29	Q	Q	1	21	1,499	1,395	Q	Q	152	1,234	31.1
Workers (main shift)												
Less than 5	2,718	407	665	352	1,294	17,944	10,700	3,185	4,775	2,779	7,205	9.3
5 to 9	895	Q	136	180	577	7,524	5,898	Q	1,914	1,518	4,086	9.0
10 to 19	561	Q	49	128	381	8,077	6,674	Q	1,433	1,604	4,986	11.6
20 to 49	405	Q	20	103	281	10,556	9,552	Q	806	2,723	6,994	10.0
50 to 99	130	Q	7	27	96	7,763	7,137	Q	578	1,496	5,689	17.3
100 to 249	64	Q	Q	14	47	7,378	6,807	Q	Q	2,007	5,072	15.6
250 or More	31	Q	Q	8	24	8,633	8,193	Q	Q	2,097	6,361	14.4
Weekly Operating Hours												
39 or Fewer	1,039	332	172	126	408	8,246	4,210	2,853	1,482	1,002	2,910	10.5
40 to 48	1,278	Q	261	245	759	14,998	12,330	Q	2,803	2,993	9,094	8.7
49 to 60	1,004	29	192	187	595	14,046	11,784	129	2,242	3,107	8,568	9.2
61 to 84	645	Q	108	124	402	12,062	10,503	Q	1,413	3,021	7,562	10.9
85 to 167	478	Q	91	79	301	8,467	7,213	Q	1,267	1,760	5,406	12.9
Open Continuously	362	18	58	51	234	10,057	8,922	88	774	2,342	6,853	16.6
Additional Operating Hours for Equipment Use												
Heating and/or Cooling	1,223	Q	188	255	766	20,300	17,709	Q	2,565	4,855	12,832	9.6
Lighting	633	38	119	134	342	12,886	11,044	222	1,559	2,960	8,145	12.0
Heating and/or Cooling and Lighting	371	Q	54	83	228	8,717	7,758	Q	809	2,221	5,666	16.5
No Additional Hours	3,320	367	628	507	1,819	43,407	33,966	3,030	6,665	8,630	25,082	7.4
Percent Vacant for at Least Three Months												
1-50 Percent	362	Q	97	102	148	12,420	10,623	Q	1,290	4,459	6,601	11.9
51-99 Percent	97	Q	59	12	18	2,263	1,084	Q	1,460	259	492	25.1
100 Percent	398	226	31	21	120	4,109	1,407	2,418	344	265	1,081	16.2
None	3,948	163	694	678	2,413	49,085	41,847	740	6,886	9,240	32,219	6.9
Percent of Floorspace Heated												
Not Heated	653	315	130	36	172	6,211	2,653	2,327	1,540	Q	1,929	14.9
1 to 50	688	29	344	66	249	11,195	7,944	214	3,942	1,325	5,714	13.5
51 to 99	618	Q	83	255	267	10,211	8,654	Q	857	4,535	4,742	10.3
100	2,846	55	325	456	2,011	40,260	35,711	661	3,641	7,951	28,007	7.6

See footnotes at end of table.

Table A46. Percent of Floorspace Lit, Number of Buildings and Floorspace, 1992 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Lit when Open	Less than 51 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	All Buildings	Total Lit Floorspace in All Buildings	Not Lit when Open	Less than 51 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	
Percent of Floorspace Cooled												
Not Cooled	1,304	359	301	148	496	10,835	6,148	2,501	2,758	1,166	4,409	10.1
1 to 50	1,176	24	374	170	608	21,715	17,015	562	4,867	3,952	12,334	9.4
51 to 99	658	Q	64	251	339	13,872	12,431	Q	802	4,855	8,205	10.4
100	1,668	25	142	244	1,256	21,454	19,367	206	1,553	4,251	15,444	10.6
Percent Lit when Closed												
Not Lit	2,987	354	637	426	1,569	34,486	25,923	2,523	6,752	6,252	18,959	7.3
1 to 50	1,689	25	242	372	1,051	31,482	27,418	530	3,206	7,685	20,061	8.0
51 to 99	43	Q	Q	13	25	1,021	952	Q	Q	282	715	27.9
100	87	30	Q	Q	54	887	669	209	Q	Q	658	22.9
Lighting Equipment Types (more than one may apply)												
Incandescent	2,509	26	567	509	1,408	39,221	32,488	391	6,575	9,350	22,906	7.5
Standard Fluorescent	4,065	48	780	771	2,467	62,074	52,649	675	8,848	13,892	38,658	6.4
Compact Fluorescent	206	Q	25	65	117	8,336	7,539	Q	547	2,410	5,378	15.5
High-Intensity Discharge	354	Q	47	65	239	17,570	16,001	Q	1,410	3,782	12,324	11.2
Other	78	Q	17	14	47	1,612	1,356	Q	295	418	900	28.2
Building Shell Conservation Features (more than one may apply)												
Roof or Ceiling Insulation	3,343	144	559	648	1,993	50,311	42,187	1,341	6,538	11,864	30,567	6.4
Wall Insulation	2,320	100	393	418	1,410	33,240	28,144	768	4,032	8,261	20,179	7.1
Storm or Multiple Glazing	1,680	59	319	349	953	29,684	25,181	481	3,727	7,851	17,625	8.3
Tinted, Reflective or Shading Glass	1,068	27	165	235	642	25,396	21,954	554	2,339	6,875	15,628	10.4
Exterior or Interior Shading or Awnings	1,853	38	296	388	1,131	34,071	29,426	618	3,586	8,583	21,285	8.0
Windows that Open	2,119	127	447	374	1,171	28,937	23,130	1,113	5,175	5,954	16,696	7.9
Lighting Conservation Features (more than one may apply)												
Specular Reflectors	574	Q	74	136	357	15,241	13,572	Q	1,373	3,215	10,477	11.3
Natural Lighting Control Sensors	74	Q	11	21	42	3,072	2,672	Q	246	966	1,826	20.7
Occupancy Sensors	59	Q	7	13	38	3,629	3,234	Q	Q	1,105	2,185	18.3
Time Clock	339	Q	59	88	187	12,104	10,522	Q	1,100	3,789	7,131	15.4
Manual Dimmer Switches	413	Q	85	109	219	12,329	10,595	Q	1,640	3,152	7,522	12.4
Other	78	Q	Q	31	42	2,596	2,378	Q	Q	902	1,570	19.9
Off-Hour Equipment Reduction (more than one may apply)												
Heating	3,400	67	645	648	2,040	46,248	38,940	549	7,112	10,292	28,295	6.0
Cooling	2,872	41	498	562	1,771	42,768	36,366	376	6,132	9,896	26,364	6.6
Hot Water	578	30	84	114	350	9,966	8,635	261	941	2,617	6,147	11.1
Lighting	4,089	101	802	752	2,434	54,944	45,536	931	9,075	11,767	33,171	5.7
Other	547	Q	82	121	338	7,996	6,890	Q	1,117	1,611	5,205	15.4

See footnotes at end of table.

Table A46. Percent of Floorspace Lit, Number of Buildings and Floorspace, 1992 (Continued)

Building Characteristics	Number of Buildings (thousand)					Total Floorspace (million square feet)						RSE Row Factor
	All Buildings	Not Lit when Open	Less than 51 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	All Buildings	Total Lit Floorspace in All Buildings	Not Lit when Open	Less than 51 Percent Lit	51 to 99 Percent Lit	100 Percent Lit	
RSE Column Factor:	0.6	1.8	1.1	1.0	0.7	0.6	0.7	2.2	1.4	1.2	0.8	
Energy Management Practices (more than one may apply)												
Energy Management and Control System	236	Q	14	58	163	14,320	13,263	Q	344	4,429	9,522	14.4
Demand-Side Management Participation	315	Q	48	90	177	11,310	10,083	Q	1,018	3,058	7,232	12.9
Energy Audit	521	Q	76	121	321	14,779	13,066	Q	1,312	3,996	9,411	11.4
Building Energy Manager	49	Q	Q	9	36	2,311	2,016	Q	Q	348	1,688	25.0

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

Notes: • To obtain a RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. • See Glossary for explanation of abbreviations and definitions of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-871A, "Building Questionnaire," 1992 Commercial Buildings Energy Consumption Survey.