

Table B27. Cooking Energy Sources, Number of Buildings and Floorspace, 1999

	Number of Buildings (thousand)					Total Floorspace (million square feet)				
	All Buildings	All Buildings with Cooking	Cooking Energy Sources (more than one may apply)			All Buildings	All Buildings with Cooking	Cooking Energy Sources (more than one may apply)		
			Electricity	Natural Gas	Propane			Electricity	Natural Gas	Propane
All Buildings	4,657	857	437	505	118	67,338	24,681	13,733	16,785	1,754
Building Floorspace (Square Feet)										
1,001 to 5,000	2,348	357	189	189	70	6,774	1,095	574	602	205
5,001 to 10,000	1,110	176	76	121	Q	8,238	1,272	574	877	Q
10,001 to 25,000	708	150	76	80	Q	11,153	2,415	1,249	1,272	Q
25,001 to 50,000	257	72	39	46	5	9,311	2,630	1,432	1,637	184
50,001 to 100,000	145	54	30	35	4	10,112	3,901	2,157	2,503	336
100,001 to 200,000	59	29	16	19	2	8,271	4,092	2,260	2,705	348
200,001 to 500,000	23	14	8	11	Q	6,851	4,254	2,456	3,418	Q
Over 500,000	7	5	3	4	Q	6,628	5,020	3,031	3,770	Q
Principal Building Activity										
Education	327	106	49	70	6	8,651	5,670	2,913	3,986	444
Food Sales	174	85	69	27	Q	994	676	406	373	Q
Food Service	349	316	142	220	71	1,851	1,761	858	1,348	273
Health Care	127	11	5	8	Q	2,918	1,812	1,078	1,461	Q
Inpatient	11	9	4	8	Q	1,865	1,738	1,016	1,443	Q
Outpatient	116	Q	Q	Q	N	1,053	Q	Q	Q	N
Lodging	153	41	17	23	Q	4,521	2,401	920	2,020	Q
Mercantile	667	96	58	58	6	10,398	5,218	3,059	3,481	388
Retail (Other Than Mall)	534	29	21	Q	Q	4,766	811	630	333	Q
Enclosed and Strip Malls	133	68	37	44	6	5,631	4,407	2,428	3,149	384
Office	739	19	12	10	Q	12,044	3,149	2,119	1,794	Q
Public Assembly	305	101	50	44	Q	4,393	2,027	1,204	1,183	Q
Public Order and Safety	72	12	Q	Q	Q	1,168	301	Q	Q	Q
Religious Worship	307	51	19	36	Q	3,405	842	428	569	Q
Service	478	Q	Q	Q	N	3,388	Q	Q	Q	N
Warehouse and Storage	603	Q	Q	Q	N	10,477	Q	Q	Q	N
Other	102	Q	Q	Q	Q	1,222	Q	Q	Q	Q
Vacant	253	Q	Q	Q	N	1,908	Q	Q	Q	N
Year Constructed										
1919 or Before	419	69	12	50	Q	4,034	1,091	425	766	Q
1920 to 1945	499	85	45	53	Q	6,445	2,232	1,132	1,508	Q
1946 to 1959	763	115	47	84	Q	9,127	3,195	1,467	2,416	Q
1960 to 1969	665	131	69	75	Q	10,866	4,178	2,428	2,786	Q
1970 to 1979	774	161	85	95	23	11,840	4,551	2,726	3,071	395
1980 to 1989	846	173	108	69	45	13,931	5,030	3,097	3,173	502
1990 to 1999	690	124	71	78	5	11,094	4,403	2,458	3,065	330
Census Region										
Northeast	686	141	68	65	36	12,360	5,245	2,680	3,380	523
Midwest	1,188	221	92	153	Q	16,761	6,042	3,335	4,445	Q
South	1,762	315	206	160	35	23,485	8,569	5,166	5,345	789
West	1,021	181	71	127	Q	14,731	4,825	2,551	3,614	Q
Workers (main shift)										
Fewer than 5	2,376	287	146	145	Q	14,321	1,651	830	778	Q
5 to 9	807	131	43	75	Q	6,325	1,341	545	836	Q
10 to 19	683	172	92	113	Q	8,028	2,021	879	1,433	Q
20 to 49	487	154	95	99	20	10,814	3,871	2,169	2,595	341
50 to 99	174	65	33	42	5	8,898	4,354	2,354	2,969	338
100 to 249	90	30	16	19	3	8,356	4,305	2,349	2,970	445
250 or More	39	18	12	12	Q	10,595	7,138	4,608	5,204	Q

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			Electricity	Natural Gas	Propane			Electricity	Natural Gas	Propane
Weekly Operating Hours										
39 or Fewer	978	93	32	42	Q	6,596	884	440	464	Q
40 to 48	1,156	97	34	57	Q	13,105	2,492	1,142	1,606	Q
49 to 60	986	131	55	80	12	14,200	4,159	2,298	2,646	266
61 to 84	664	188	84	140	19	12,458	6,052	3,464	4,443	284
85 to 167	474	264	182	134	40	9,116	4,659	2,917	2,618	472
Open Continuously	398	85	49	51	6	11,863	6,435	3,472	5,008	384
Energy Sources (more than one may apply)										
Electricity	4,395	857	437	505	118	65,716	24,681	13,733	16,785	1,754
Natural Gas	2,670	615	264	505	3	45,525	19,857	10,015	16,785	292
Fuel Oil	434	92	47	35	25	13,285	7,840	4,612	5,264	756
District Heat	117	28	18	Q	Q	5,891	2,487	1,445	1,563	Q
District Chilled Water	50	6	4	4	Q	2,750	1,047	530	701	Q
Propane	451	158	87	5	118	6,290	3,005	1,838	616	1,754
Other	153	47	24	15	Q	2,322	1,331	968	717	Q
Water Heating Energy Sources (more than one may apply)										
Electricity	1,546	283	199	111	38	24,171	9,556	6,559	5,166	857
Natural Gas	1,520	481	190	412	Q	29,185	14,020	6,875	11,979	Q
Fuel Oil	110	35	18	6	17	2,218	1,423	811	654	436
District Heat	62	11	8	4	Q	4,182	1,791	979	1,235	Q
Propane	130	74	41	Q	55	1,371	778	554	Q	373
Energy End Uses (more than one may apply)										
Buildings with Space Heating	4,016	798	397	475	111	61,602	23,813	13,184	16,256	1,683
Buildings with Cooling	3,560	792	409	479	95	58,474	23,730	13,247	16,268	1,634
Buildings with Water Heating	3,239	818	410	497	105	56,115	23,830	13,136	16,431	1,635
Buildings with Cooking	857	857	437	505	118	24,681	24,681	13,733	16,785	1,754
Buildings with Manufacturing	151	Q	Q	Q	Q	3,126	495	Q	Q	Q
Buildings with Electricity Generation	172	63	37	43	5	11,882	7,823	4,881	5,615	444

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

N=No responding cases in sample.

Note: Due to rounding, data may not sum to totals.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA 871A of the 1999 Commercial Buildings Energy Consumption Survey.