

Table R1.80. Residential Building and Housing Unit Characteristics, 1980

Building and Housing Unit Characteristics	Total Floorspace (million square feet)	Buildings		Housing Units			RSE Row Factors
		Number of Buildings (thousand)	Floorspace per Building (square feet)	Number of Housing Units (thousand)	Floorspace per Housing Unit (square feet)	Floorspace per Household Member (square feet)	
RSE Column Factors:	1.4	1.3	0.6	1.3	0.7	0.9	
All Buildings	142,495	65,471	2,176	81,645	1,745	622	1.3
Census Region							
Northeast	34,849	12,287	2,836	17,668	1,972	695	2.6
Midwest	40,796	17,388	2,346	21,074	1,936	672	2.6
South	42,182	23,105	1,826	26,951	1,565	563	2.5
West	24,668	12,691	1,944	15,951	1,546	567	2.4
Census Division							
New England	8,860	2,927	3,027	4,275	2,073	720	5.2
Middle Atlantic	25,988	9,360	2,777	13,394	1,940	687	2.8
East North Central	27,793	11,835	2,348	14,807	1,877	643	3.1
West North Central	13,003	5,552	2,342	6,267	2,075	743	5.5
South Atlantic	22,288	11,812	1,887	14,039	1,588	573	3.8
East South Central	8,557	4,567	1,873	5,168	1,656	594	6.8
West South Central	11,337	6,726	1,685	7,744	1,464	524	3.7
Mountain	6,338	3,507	1,807	4,102	1,545	573	4.5
Pacific	18,330	9,183	1,996	11,849	1,547	565	2.8
Type of Home							
Mobile Home	3,804	4,646	819	4,646	819	321	5.4
Single-Family							
Detached	112,941	52,992	2,131	52,992	2,131	702	1.6
Single-Family							
Attached	6,071	3,300	1,840	3,300	1,840	591	8.7
2 to 4 Units	10,790	3,707	2,910	9,932	1,086	428	4.4
5 or More Units	8,889	826	10,766	10,775	825	424	5.7
Building / Housing Unit Floorspace (square feet)							
Fewer than 1,001	7,791	10,391	750	24,385	714	316	2.5
1,001 to 2,000	37,212	24,902	1,494	29,545	1,452	508	1.4
2,001 to 5,000	79,248	28,018	2,829	26,462	2,811	871	1.4
5,001 to 10,000	11,789	1,872	6,296	1,210	6,016	1,739	5.4
10,001 to 25,000	3,288	237	13,858	Q	Q	Q	10.9
25,001 to 50,000	1,046	31	34,229	NC	NC	NC	9.9
50,001 to 100,000	910	14	66,689	NC	NC	NC	10.5
100,001 to 200,000	767	5	140,921	NC	NC	NC	16.0
Over 200,000	445	2	288,455	NC	NC	NC	21.2
Year Constructed							
1939 or Before	43,283	18,382	2,355	23,316	1,856	684	2.9
1940 to 1949	11,861	6,173	1,921	7,456	1,591	589	4.8
1950 to 1959	23,703	12,347	1,920	13,706	1,729	618	3.5
1960 to 1969	26,207	12,086	2,168	15,296	1,713	583	3.3
1970 to 1979	34,323	15,280	2,246	20,062	1,711	593	3.3
1980	3,119	1,204	2,590	1,809	1,724	683	13.2

NC = No cases in sample.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1980 Residential Energy Consumption Survey.

Table R2.80. Energy Sources Used for All End Uses in Residential Buildings, Number of Buildings and Total Floorspace, 1980

Building Characteristics	Energy Sources												RSE Row Fac- tors
	Any Energy Source		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	
	0.4	0.4	0.4	0.4	0.7	0.7	1.3	1.2	3.0	3.4	1.8	1.9	
All Buildings	65,471	142,495	65,440	142,480	39,838	88,521	10,506	27,996	1,293	1,983	7,380	12,146	4.3
Census Region													
Northeast	12,287	34,849	12,287	34,849	6,573	18,810	5,780	17,694	406	880	1,163	2,712	8.6
Midwest	17,388	40,796	17,388	40,796	12,477	29,375	1,729	4,038	Q	242	2,052	4,051	7.6
South	23,105	42,182	23,086	42,171	11,375	21,073	2,458	5,091	724	841	3,376	4,466	8.4
West	12,691	24,668	12,680	24,665	9,414	19,264	539	1,172	Q	Q	790	917	7.3
Census Division													
New England	2,927	8,860	2,927	8,860	911	3,100	1,915	5,870	69	132	507	1,050	12.7
Middle Atlantic	9,360	25,988	9,360	25,988	5,662	15,710	3,865	11,824	336	748	656	1,662	10.9
East North Central	11,835	27,793	11,835	27,793	8,538	19,989	1,289	3,074	Q	Q	1,173	2,228	9.4
West North Central	5,552	13,003	5,552	13,003	3,939	9,386	440	964	Q	Q	878	1,823	14.9
South Atlantic	11,812	22,288	11,812	22,288	3,847	8,291	2,345	4,914	693	759	2,228	3,022	12.5
East South Central	4,567	8,557	4,548	8,545	1,988	3,663	102	Q	Q	Q	549	775	17.5
West South Central	6,726	11,337	6,726	11,337	5,539	9,119	Q	Q	*	*	598	669	11.9
Mountain	3,507	6,338	3,496	6,335	2,529	4,803	Q	Q	Q	Q	357	436	14.1
Pacific	9,183	18,330	9,183	18,330	6,885	14,461	453	980	Q	Q	433	481	9.2
Type of Home													
Mobile Home	4,646	3,804	4,646	3,804	1,438	1,174	507	404	362	275	2,015	1,585	16.5
Single-Family													
Detached	52,992	112,941	52,962	112,926	32,270	67,815	8,511	21,546	883	1,555	5,149	9,977	5.5
Single-Family													
Attached	3,300	6,071	3,300	6,071	2,611	5,024	738	1,687	Q	Q	99	148	25.7
2 to 4 Units	3,707	10,790	3,707	10,790	2,958	8,432	645	2,335	Q	Q	103	334	14.1
5 or More Units	826	8,889	826	8,889	562	6,076	105	2,024	Q	Q	Q	Q	16.0
Building Floorspace (square feet)													
Fewer than 1,001	10,391	7,791	10,360	7,776	5,423	4,200	835	615	502	362	2,476	1,716	10.7
1,001 to 2,000	24,902	37,212	24,902	37,212	15,461	23,365	3,053	4,579	502	691	2,682	3,796	6.7
2,001 to 5,000	28,018	79,248	28,018	79,248	17,708	49,817	6,023	17,501	270	809	2,126	5,954	7.0
5,001 to 10,000	1,872	11,789	1,872	11,789	1,067	6,813	516	3,163	Q	Q	81	493	18.9
10,001 to 25,000	237	3,288	237	3,288	142	2,022	61	824	Q	Q	Q	Q	31.2
25,001 to 50,000	31	1,046	31	1,046	21	741	10	352	*	*	*	*	33.8
50,001 to 100,000	14	910	14	910	12	823	6	381	*	*	*	*	38.7
100,001 to 200,000	5	767	5	767	3	460	2	280	Q	Q	*	*	50.9
Over 200,000	2	445	2	445	1	280	1	302	*	*	*	*	49.0
Year Constructed													
1939 or Before	18,382	43,283	18,371	43,279	12,237	29,618	4,656	13,110	400	711	2,249	4,602	8.7
1940 to 1949	6,173	11,861	6,173	11,861	4,293	8,186	1,208	2,813	156	173	590	1,092	12.7
1950 to 1959	12,347	23,703	12,337	23,695	8,926	16,805	2,107	5,289	206	304	981	1,520	9.2
1960 to 1969	12,086	26,207	12,076	26,203	7,632	17,342	1,484	4,094	218	285	1,421	1,631	9.3
1970 to 1979	15,280	34,323	15,280	34,323	6,226	14,933	1,016	2,620	288	466	2,021	3,176	10.1
1980	1,204	3,119	1,204	3,119	524	1,638	Q	Q	Q	Q	117	125	35.8

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1980 Residential Energy Consumption Survey.

Table R3.80. Energy Sources Used for Main Space Heating in Residential Buildings, Number of Buildings and Total Floorspace, 1980

Building Characteristics	Energy Sources												RSE Row Fac- tors
	Any Energy Source		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	
	0.3	0.4	1.1	1.1	0.6	0.6	1.1	1.0	2.6	2.7	1.5	1.6	
RSE Column Factors:	0.3	0.4	1.1	1.1	0.6	0.6	1.1	1.0	2.6	2.7	1.5	1.6	
All Buildings	65,046	141,964	9,999	22,086	36,293	78,242	9,299	25,084	769	811	3,544	5,152	6.2
Census Region													
Northeast	12,287	34,849	1,035	2,791	4,740	12,707	5,203	16,082	155	165	Q	Q	11.3
Midwest	17,388	40,796	1,379	3,791	12,179	28,404	1,405	3,396	Q	Q	1,188	2,374	11.5
South	23,055	42,121	5,708	12,067	10,460	18,976	2,222	4,596	597	609	1,919	2,248	10.9
West	12,316	24,198	1,876	3,437	8,914	18,155	468	1,011	*	*	347	366	11.9
Census Division													
New England	2,927	8,860	175	533	560	1,828	1,618	5,069	41	43	Q	Q	16.0
Middle Atlantic	9,360	25,988	860	2,258	4,180	10,879	3,585	11,013	114	122	Q	Q	13.8
East North Central	11,835	27,793	1,009	2,808	8,296	19,138	1,014	2,539	Q	Q	681	1,233	15.1
West North Central	5,552	13,003	370	982	3,883	9,266	391	857	*	*	507	1,141	17.6
South Atlantic	11,764	22,238	3,264	6,563	3,321	7,032	2,129	4,455	597	609	1,060	1,242	15.9
East South Central	4,564	8,546	1,549	3,286	1,884	3,415	84	Q	*	*	384	529	18.9
West South Central	6,726	11,337	896	2,219	5,255	8,528	Q	Q	*	*	475	477	16.0
Mountain	3,507	6,338	493	884	2,455	4,637	Q	Q	*	*	286	273	22.6
Pacific	8,809	17,859	1,383	2,554	6,459	13,518	394	843	*	*	Q	Q	11.5
Type of Home													
Mobile Home	4,627	3,800	1,075	902	1,364	1,105	389	275	328	247	1,160	908	19.7
Single-Family													
Detached	52,622	112,473	7,656	16,146	30,066	62,751	7,469	19,126	428	514	2,259	3,954	7.7
Single-Family													
Attached	3,292	6,061	504	649	1,940	3,531	738	1,687	*	*	Q	Q	27.5
2 to 4 Units	3,682	10,756	489	1,219	2,478	7,020	610	2,210	Q	Q	51	125	18.7
5 or More Units	824	8,873	275	3,170	446	3,835	92	1,786	Q	Q	Q	Q	17.5
Building Floorspace (square feet)													
Fewer than 1,001	10,179	7,638	1,692	1,234	5,105	3,971	740	533	459	331	1,426	1,017	13.5
1,001 to 2,000	24,730	36,991	4,061	5,999	14,428	21,792	2,561	3,818	258	340	1,375	1,906	8.8
2,001 to 5,000	27,986	79,163	3,831	10,754	15,721	44,302	5,445	15,839	Q	Q	711	1,945	9.0
5,001 to 10,000	1,864	11,727	334	2,113	920	5,864	478	2,922	*	*	Q	Q	20.3
10,001 to 25,000	236	3,278	63	958	100	1,348	60	808	*	*	Q	Q	34.7
25,001 to 50,000	31	1,046	11	367	12	387	Q	Q	*	*	*	*	41.0
50,001 to 100,000	14	910	2	139	Q	Q	5	361	*	*	*	*	28.4
100,001 to 200,000	5	767	3	407	Q	Q	2	242	Q	Q	*	*	50.2
Over 200,000	2	445	Q	Q	Q	Q	1	270	*	*	*	*	58.2
Year Constructed													
1939 or Before	18,205	43,048	672	1,266	10,226	23,641	4,133	11,832	237	314	911	1,714	11.7
1940 to 1949	6,134	11,816	335	566	3,910	7,270	1,089	2,515	122	127	187	277	16.2
1950 to 1959	12,295	23,670	974	1,636	8,384	15,519	1,944	4,948	102	115	384	528	13.2
1960 to 1969	12,030	26,146	1,801	3,882	7,312	16,449	1,220	3,384	139	93	824	936	12.4
1970 to 1979	15,178	34,164	5,651	13,383	5,962	13,780	899	2,394	170	161	1,180	1,654	11.9
1980	1,204	3,119	565	1,354	500	1,583	Q	Q	*	*	Q	Q	37.4

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1981 Residential Energy Consumption Survey.

Table R4.80. Energy Sources Used for Air Conditioning and Appliances in Residential Buildings, Number of Buildings and Total Floorspace, 1980

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances						RSE Row Factors
	Electricity		Electricity		Natural Gas		LPG		
	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	Buildings (thousand)	Floorspace (million sq.ft.)	
	0.8	0.8	0.5	0.5	1.0	1.0	2.4	2.6	
RSE Column Factors:	0.8	0.8	0.5	0.5	1.0	1.0	2.4	2.6	
All Buildings	35,764	80,402	65,440	142,480	28,529	62,062	5,513	8,485	3.6
Census Region									
Northeast	5,808	16,997	12,287	34,849	5,731	16,369	1,059	2,350	7.6
Midwest	9,488	23,442	17,388	40,796	8,622	19,905	1,439	2,633	6.4
South	16,415	32,167	23,086	42,171	7,978	14,116	2,382	2,841	6.2
West	4,053	7,797	12,680	24,665	6,198	11,672	634	662	8.4
Census Division									
New England	1,131	3,501	2,927	8,860	772	2,505	444	873	11.4
Middle Atlantic	4,677	13,496	9,360	25,988	4,959	13,864	616	1,476	9.8
East North Central	5,579	13,838	11,835	27,793	6,307	14,653	852	1,546	8.7
West North Central	3,908	9,603	5,552	13,003	2,315	5,252	587	1,087	9.8
South Atlantic	7,669	15,870	11,812	22,288	2,356	5,162	1,550	1,849	11.5
East South Central	3,559	7,071	4,548	8,545	974	1,662	327	471	10.4
West South Central	5,187	9,226	6,726	11,337	4,647	7,291	505	521	9.8
Mountain	1,342	2,480	3,496	6,335	1,260	1,863	274	264	13.9
Pacific	2,711	5,317	9,183	18,330	4,938	9,809	359	397	11.9
Type of Home									
Mobile Home	2,465	2,115	4,646	3,804	1,314	1,071	1,933	1,519	14.8
Single-Family									
Detached	29,216	63,725	52,962	112,926	22,337	46,144	3,463	6,621	4.6
Single-Family									
Attached	1,978	3,557	3,300	6,071	2,122	4,086	Q	Q	23.5
2 to 4 Units	1,609	4,975	3,707	10,790	2,362	6,740	76	262	11.4
5 or More Units	495	6,030	826	8,889	394	4,022	Q	Q	13.6
Building Floorspace (square feet)									
Fewer than 1,001	5,142	3,900	10,360	7,776	4,313	3,312	2,110	1,439	8.4
1,001 to 2,000	13,648	20,651	24,902	37,212	11,067	16,674	1,881	2,608	5.7
2,001 to 5,000	15,663	44,250	28,018	79,248	12,348	34,726	1,460	4,046	5.7
5,001 to 10,000	1,120	7,131	1,872	11,789	687	4,516	Q	Q	15.7
10,001 to 25,000	155	2,173	237	3,288	90	1,250	Q	Q	24.2
25,001 to 50,000	21	744	31	1,046	13	475	*	*	29.5
50,001 to 100,000	9	582	14	910	9	573	*	*	38.1
100,001 to 200,000	4	613	5	767	2	307	*	*	47.9
Over 200,000	1	358	2	445	1	229	*	*	50.1
Year Constructed									
1939 or Before	7,999	19,257	18,371	43,279	9,700	23,707	1,619	3,235	7.6
1940 to 1949	3,104	5,993	6,173	11,861	3,033	5,759	401	673	11.0
1950 to 1959	7,281	14,831	12,337	23,695	6,443	11,790	643	892	7.4
1960 to 1969	6,830	15,101	12,076	26,203	5,159	11,431	1,034	1,057	7.3
1970 to 1979	9,789	23,229	15,280	34,323	3,885	8,435	1,700	2,503	8.3
1980	761	1,992	1,204	3,119	310	939	117	125	27.3

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1981 Residential Energy Consumption Survey.

Table R5.80. End Uses for All Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1980

Building Characteristics			End Uses										RSE Row Factors
			All Buildings		Main Space Heating		Secondary Space Heating		Water Heating		Air Conditioning		
	Build-ings (thou- sand)	Floor- space (million sq.ft.)			Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	Build-ings (thou- sand)	Floor- space (million sq.ft.)	
	RSE Column Factors:	0.8	0.8	0.8	0.9	1.7	1.7	0.8	0.8	1.3	1.3	0.8	
All Buildings	65,471	142,495	65,046	141,964	26,286	63,861	65,211	142,213	37,215	84,201	65,440	142,480	1.7
Census Region													
Northeast	12,287	34,849	12,287	34,849	4,769	14,498	12,273	34,822	5,891	17,275	12,287	34,849	3.5
Midwest	17,388	40,796	17,388	40,796	5,976	16,013	17,353	40,708	9,971	24,598	17,388	40,796	3.3
South	23,105	42,182	23,055	42,121	9,340	19,862	22,909	42,017	16,873	33,176	23,086	42,171	3.2
West	12,691	24,668	12,316	24,198	6,201	13,489	12,675	24,666	4,479	9,152	12,680	24,665	3.1
Census Division													
New England	2,927	8,860	2,927	8,860	1,706	5,189	2,914	8,834	1,133	3,547	2,927	8,860	7.4
Middle Atlantic	9,360	25,988	9,360	25,988	3,062	9,309	9,360	25,988	4,758	13,728	9,360	25,988	4.3
East North Central	11,835	27,793	11,835	27,793	3,906	10,433	11,822	27,751	5,876	14,559	11,835	27,793	4.3
West North Central	5,552	13,003	5,552	13,003	2,070	5,579	5,532	12,957	4,095	10,040	5,552	13,003	7.5
South Atlantic	11,812	22,288	11,764	22,238	4,986	10,866	11,673	22,162	7,800	16,245	11,812	22,288	5.6
East South Central	4,567	8,557	4,564	8,546	1,898	4,228	4,541	8,538	3,625	7,232	4,548	8,545	8.4
West South Central	6,726	11,337	6,726	11,337	2,456	4,768	6,695	11,317	5,448	9,700	6,726	11,337	6.1
Mountain	3,507	6,338	3,507	6,338	1,310	2,874	3,507	6,338	1,379	2,579	3,496	6,335	7.0
Pacific	9,183	18,330	8,809	17,859	4,891	10,615	9,168	18,327	3,100	6,572	9,183	18,330	4.7
Type of Home													
Mobile Home	4,646	3,804	4,627	3,800	903	874	4,630	3,802	2,480	2,139	4,646	3,804	11.6
Single-Family Detached	52,992	112,941	52,622	112,473	23,906	57,702	52,748	112,662	30,587	67,137	52,962	112,926	2.5
Single-Family Attached	3,300	6,071	3,292	6,061	788	1,455	3,300	6,071	2,005	3,593	3,300	6,071	18.0
2 to 4 Units	3,707	10,790	3,682	10,756	580	2,119	3,707	10,790	1,628	5,036	3,707	10,790	8.3
5 or More Units	826	8,889	824	8,873	110	1,712	826	8,889	514	6,296	826	8,889	9.6
Building Floorspace (square feet)													
Fewer than 1,001	10,391	7,791	10,179	7,638	2,093	1,616	10,225	7,682	5,166	3,918	10,360	7,776	6.1
1,001 to 2,000	24,902	37,212	24,730	36,991	9,320	14,277	24,829	37,107	14,296	21,641	24,902	37,212	3.4
2,001 to 5,000	28,018	79,248	27,986	79,163	13,824	40,128	27,996	79,180	16,396	46,589	28,018	79,248	3.1
5,001 to 10,000	1,872	11,789	1,864	11,727	963	5,921	1,872	11,789	1,155	7,352	1,872	11,789	10.1
10,001 to 25,000	237	3,288	236	3,278	73	933	237	3,288	162	2,250	237	3,288	17.6
25,001 to 50,000	31	1,046	31	1,046	6	193	31	1,046	23	790	31	1,046	20.8
50,001 to 100,000	14	910	14	910	5	357	14	910	10	689	14	910	30.2
100,001 to 200,000	5	767	5	767	Q	237	5	767	4	613	5	767	35.6
Over 200,000	2	445	2	445	Q	Q	2	445	1	358	2	445	39.8
Year Constructed													
1939 or Before	18,382	43,283	18,205	43,048	6,627	17,244	18,197	43,046	8,148	19,667	18,371	43,279	4.9
1940 to 1949	6,173	11,861	6,134	11,816	2,162	4,642	6,162	11,854	3,227	6,484	6,173	11,861	7.6
1950 to 1959	12,347	23,703	12,295	23,670	4,741	10,122	12,338	23,694	7,675	15,603	12,337	23,695	5.3
1960 to 1969	12,086	26,207	12,030	26,146	5,295	12,892	12,048	26,187	7,184	15,983	12,076	26,203	4.8
1970 to 1979	15,280	34,323	15,178	34,164	6,916	17,216	15,262	34,313	10,145	24,130	15,280	34,323	5.2
1980	1,204	3,119	1,204	3,119	546	1,745	1,204	3,119	836	2,336	1,204	3,119	19.6

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1980 Residential Energy Consumption Survey.

Table R6.80. End Uses for Electricity Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1980

Building Characteristics	End Uses										RSE Row Factors
	Main Space Heating		Secondary Space Heating		Water Heating		Air Conditioning		Appliances		
	Build-ings (thou-sand)	Floor-space (million sq.ft.)	Build-ings (thou-sand)	Floor-space (million sq.ft.)	Build-ings (thou-sand)	Floor-space (million sq.ft.)	Build-ings (thou-sand)	Floor-space (million sq.ft.)	Build-ings (thou-sand)	Floor-space (million sq.ft.)	
RSE Column Factors:	1.5	1.5	1.5	1.6	1.2	1.2	0.8	0.8	0.5	0.5	
All Buildings	9,999	22,086	7,865	17,962	21,991	44,970	35,764	80,402	65,440	142,480	3.8
Census Region											
Northeast	1,035	2,791	1,224	3,693	3,142	8,160	5,808	16,997	12,287	34,849	8.3
Midwest	1,379	3,791	1,526	4,175	4,580	10,884	9,488	23,442	17,388	40,796	8.1
South	5,708	12,067	3,338	6,515	11,259	20,365	16,415	32,167	23,086	42,171	5.8
West	1,876	3,437	1,778	3,580	3,009	5,562	4,053	7,797	12,680	24,665	9.2
Census Division											
New England	175	533	521	1,389	801	2,268	1,131	3,501	2,927	8,860	11.7
Middle Atlantic	860	2,258	703	2,304	2,341	5,892	4,677	13,496	9,360	25,988	10.3
East North Central	1,009	2,808	922	2,518	3,128	7,480	5,579	13,838	11,835	27,793	10.3
West North Central	370	982	603	1,656	1,453	3,404	3,908	9,603	5,552	13,003	13.2
South Atlantic	3,264	6,563	1,690	3,433	7,350	12,826	7,669	15,870	11,812	22,288	9.6
East South Central	1,549	3,286	813	1,558	2,787	5,296	3,559	7,071	4,548	8,545	12.5
West South Central	896	2,219	834	1,523	1,122	2,243	5,187	9,226	6,726	11,337	13.8
Mountain	493	884	361	671	771	1,301	1,342	2,480	3,496	6,335	20.1
Pacific	1,383	2,554	1,417	2,909	2,238	4,260	2,711	5,317	9,183	18,330	10.9
Type of Home											
Mobile Home	1,075	902	421	415	2,640	2,134	2,465	2,115	4,646	3,804	15.8
Single-Family											
Detached	7,656	16,146	6,758	15,157	17,741	37,222	29,216	63,725	52,962	112,926	4.7
Single-Family											
Attached	504	649	369	588	713	1,117	1,978	3,557	3,300	6,071	22.3
2 to 4 Units	489	1,219	249	830	650	1,782	1,609	4,975	3,707	10,790	14.3
5 or More Units	275	3,170	68	971	246	2,716	495	6,030	826	8,889	12.8
Building Floorspace (square feet)											
Fewer than 1,001	1,692	1,234	975	740	4,264	3,146	5,142	3,900	10,360	7,776	9.2
1,001 to 2,000	4,061	5,999	3,217	4,760	8,730	12,889	13,648	20,651	24,902	37,212	5.7
2,001 to 5,000	3,831	10,754	3,344	9,664	8,323	23,350	15,663	44,250	28,018	79,248	5.8
5,001 to 10,000	334	2,113	305	2,024	588	3,685	1,120	7,131	1,872	11,789	15.2
10,001 to 25,000	63	958	18	231	73	985	155	2,173	237	3,288	24.0
25,001 to 50,000	11	367	Q	Q	10	325	21	744	31	1,046	28.9
50,001 to 100,000	2	139	3	213	1	100	9	582	14	910	30.9
100,001 to 200,000	3	407	Q	Q	Q	Q	4	613	5	767	46.1
Over 200,000	Q	Q	Q	Q	Q	Q	1	358	2	445	62.9
Year Constructed											
1939 or Before	672	1,266	2,285	5,542	4,818	10,170	7,999	19,257	18,371	43,279	8.6
1940 to 1949	335	566	807	1,565	1,721	3,178	3,104	5,993	6,173	11,861	12.1
1950 to 1959	974	1,636	1,414	2,817	3,047	5,547	7,281	14,831	12,337	23,695	9.2
1960 to 1969	1,801	3,882	1,337	3,122	3,500	6,971	6,830	15,101	12,076	26,203	7.3
1970 to 1979	5,651	13,383	1,937	4,551	8,238	17,601	9,789	23,229	15,280	34,323	7.5
1980	565	1,354	85	365	667	1,503	761	1,992	1,204	3,119	22.7

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1980 Residential Energy Consumption Survey.

Table R7.80. End Uses for Natural Gas and Fuel Oil Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1980

Building Characteristics	Natural Gas End Uses								Fuel Oil End Uses				RSE Row Fac- tors
	Main Space Heating		Secondary Space Heating		Water Heating		Appliances		Main Space Heating		Water Heating		
	Build-ings (thou- sand)	Floor-space (million sq.ft.)	Build-ings (thou- sand)	Floor-space (million sq.ft.)	Build-ings (thou- sand)	Floor-space (million sq.ft.)	Build-ings (thou- sand)	Floor-space (million sq.ft.)	Build-ings (thou- sand)	Floor-space (million sq.ft.)	Build-ings (thou- sand)	Floor-space (million sq.ft.)	
	0.7	0.7	1.9	2.0	0.6	0.7	0.7	0.8	1.2	1.1	1.4	1.4	
All Buildings	36,293	78,242	2,728	6,570	35,204	77,771	28,529	62,062	9,299	25,084	3,996	12,779	5.8
Census Region													
Northeast	4,740	12,707	242	1,033	5,270	14,328	5,731	16,369	5,203	16,082	3,393	11,002	13.3
Midwest	12,179	28,404	692	1,760	11,431	27,038	8,622	19,905	1,405	3,396	103	335	10.1
South	10,460	18,976	1,174	2,213	9,661	18,333	7,978	14,116	2,222	4,596	Q	Q	11.6
West	8,914	18,155	621	1,564	8,842	18,072	6,198	11,672	468	1,011	Q	Q	10.9
Census Division													
New England	560	1,828	30	91	740	2,504	772	2,505	1,618	5,069	1,128	3,341	13.8
Middle Atlantic	4,180	10,879	212	942	4,530	11,824	4,959	13,864	3,585	11,013	2,265	7,661	16.3
East North Central	8,296	19,138	466	1,260	7,891	18,505	6,307	14,653	1,014	2,539	94	307	12.1
West North Central	3,883	9,266	226	500	3,540	8,533	2,315	5,252	391	857	Q	Q	15.3
South Atlantic	3,321	7,032	Q	Q	3,028	6,942	2,356	5,162	2,129	4,455	Q	Q	22.9
East South Central	1,884	3,415	147	358	1,494	2,811	974	1,662	84	Q	*	*	18.2
West South Central	5,255	8,528	786	1,379	5,139	8,580	4,647	7,291	Q	Q	Q	Q	9.1
Mountain	2,455	4,637	88	159	2,390	4,599	1,260	1,863	Q	Q	Q	Q	19.4
Pacific	6,459	13,518	533	1,405	6,452	13,473	4,938	9,809	394	843	Q	Q	11.4
Type of Home													
Mobile Home	1,364	1,105	Q	Q	1,053	891	1,314	1,071	389	275	Q	Q	29.3
Single-Family Detached	30,066	62,751	2,473	5,642	28,876	60,995	22,337	46,144	7,469	19,126	3,140	8,814	6.7
Single-Family Attached	1,940	3,531	Q	Q	2,245	4,247	2,122	4,086	738	1,687	281	641	22.5
2 to 4 Units	2,478	7,020	132	388	2,550	7,244	2,362	6,740	610	2,210	446	1,566	12.7
5 or More Units	446	3,835	22	404	479	4,394	394	4,022	92	1,786	96	1,737	15.1
Building Floorspace (square feet)													
Fewer than 1,001	5,105	3,971	315	242	4,509	3,531	4,313	3,312	740	533	114	84	15.3
1,001 to 2,000	14,428	21,792	991	1,564	13,765	20,841	11,067	16,674	2,561	3,818	954	1,461	8.0
2,001 to 5,000	15,721	44,302	1,315	3,705	15,859	44,677	12,348	34,726	5,445	15,839	2,556	7,624	7.7
5,001 to 10,000	920	5,864	81	540	936	5,958	687	4,516	478	2,922	312	1,928	19.0
10,001 to 25,000	100	1,348	Q	Q	113	1,594	90	1,250	60	808	43	608	32.2
25,001 to 50,000	12	387	Q	Q	12	406	13	475	Q	Q	8	315	37.6
50,001 to 100,000	Q	Q	Q	Q	Q	Q	9	573	5	361	5	361	20.6
100,001 to 200,000	Q	Q	Q	Q	1	206	2	307	2	242	2	227	40.3
Over 200,000	Q	Q	*	*	Q	Q	1	229	1	270	1	Q	33.6
Year Constructed													
1939 or Before	10,226	23,641	712	2,064	10,453	24,999	9,700	23,707	4,133	11,832	1,617	5,314	8.8
1940 to 1949	3,910	7,270	359	825	3,651	6,885	3,033	5,759	1,089	2,515	490	1,298	13.7
1950 to 1959	8,384	15,519	847	1,566	8,128	15,110	6,443	11,790	1,944	4,948	751	2,408	9.4
1960 to 1969	7,312	16,449	452	1,085	6,998	15,822	5,159	11,431	1,220	3,384	736	2,413	11.3
1970 to 1979	5,962	13,780	283	720	5,497	13,386	3,885	8,435	899	2,394	388	1,335	14.5
1980	500	1,583	Q	Q	477	1,569	310	939	Q	Q	Q	Q	47.7

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1980 Residential Energy Consumption Survey.