

**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	
<b>All Buildings</b> .....	142,495	65,471	2,176	81,645	1,745	622	1.3
<b>Census Region</b>							
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
<b>Census Division</b>							
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
<b>Type of Home</b>							
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
<b>Building / Housing Unit Floorspace (square feet)</b>							
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
<b>Year Constructed</b>							
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.

• 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 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.

• 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 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.

• 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 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.

**Table R8.80p. Total and Average Primary Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1980**

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1980 Dollars		1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
RSE Column Factors:	1.4	1.3	1.5	1.5	0.8	0.9	0.9	0.6	0.6	
All Buildings . . . . .	142,495	14,382	102,735	75,613	100.93	0.72	0.53	7.14	5.26	1.3
Census Region										
Northeast . . . . .	34,849	3,273	31,229	22,984	93.91	0.90	0.66	9.54	7.02	1.9
Midwest . . . . .	40,796	4,190	26,389	19,422	102.70	0.65	0.48	6.30	4.64	1.8
South . . . . .	42,182	4,741	32,233	23,723	112.39	0.76	0.56	6.80	5.00	3.0
West . . . . .	24,668	2,178	12,885	9,483	88.30	0.52	0.38	5.91	4.35	2.1
Census Division										
New England . . . . .	8,860	777	7,789	5,733	87.68	0.88	0.65	10.03	7.38	3.8
Middle Atlantic . . . . .	25,988	2,496	23,440	17252	96.03	0.90	0.66	9.39	6.91	2.7
East North Central . . . . .	27,793	2,945	18,823	13,854	105.96	0.68	0.50	6.39	4.70	2.4
West North Central . . . . .	13,003	1,245	7,566	5,569	95.73	0.58	0.43	6.08	4.47	4.9
South Atlantic . . . . .	22,288	2,342	18,026	13,267	105.09	0.81	0.60	7.70	5.66	4.9
East South Central . . . . .	8,557	971	5,501	4,049	113.43	0.64	0.47	5.67	4.17	5.1
West South Central . . . . .	11,337	1,428	8,706	6,407	125.96	0.77	0.57	6.10	4.49	4.2
Mountain . . . . .	6,338	649	3,910	2,878	102.43	0.62	0.45	6.02	4.43	4.7
Pacific . . . . .	18,330	1,529	8,975	6,605	83.42	0.49	0.36	5.87	4.32	3.0
Type of Home										
Mobile Home . . . . .	3,804	678	4,877	3,590	178.30	1.28	0.94	7.19	5.29	5.2
Single-Family										
Detached . . . . .	12,941	10,448	71,219	52,417	92.51	0.63	0.46	6.82	5.02	1.8
Single-Family										
Attached . . . . .	6,071	559	4,493	3,307	92.00	0.74	0.54	8.04	5.92	6.4
2 to 4 Units . . . . .	10,790	1,468	11,347	8,352	136.08	1.05	0.77	7.73	5.69	4.4
5 or More Units . . . . .	8,889	1,228	10,799	7,948	138.14	1.21	0.89	8.79	6.47	6.0
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,791	1,426	9,855	7,253	183.06	1.26	0.93	6.91	5.09	3.3
1,001 to 2,000 . . . . .	37,212	4,562	30,954	22,782	122.60	0.83	0.61	6.78	4.99	2.3
2,001 to 5,000 . . . . .	79,248	6,736	47,868	35,231	85.00	0.60	0.44	7.11	5.23	1.9
5,001 to 10,000 . . . . .	11,789	854	6,398	4,709	72.48	0.54	0.40	7.49	5.51	5.2
10,001 to 25,000 . . . . .	3,288	348	2,871	2,113	105.69	0.87	0.64	8.26	6.08	13.5
25,001 to 50,000 . . . . .	1,046	164	1,662	1,223	156.83	1.59	1.17	10.13	7.46	10.7
50,001 to 100,000 . . . . .	910	127	1,394	1,026	139.39	1.53	1.13	10.99	8.09	16.7
100,001 to 200,000 . . . . .	767	106	1,088	801	138.39	1.42	1.04	10.25	7.55	17.8
Over 200,000 . . . . .	445	58	646	475	130.50	1.45	1.07	11.12	8.19	20.0
Year Constructed										
1939 or Before . . . . .	43,283	4,136	31,526	23,203	95.55	0.73	0.54	7.62	5.61	2.5
1940 to 1949 . . . . .	11,861	1,280	9,274	6,826	107.89	0.78	0.58	7.25	5.33	3.9
1950 to 1959 . . . . .	23,703	2,465	17,374	12,787	104.00	0.73	0.54	7.05	5.19	3.9
1960 to 1969 . . . . .	26,207	2,700	18,451	13,580	103.01	0.70	0.52	6.83	5.03	2.9
1970 to 1979 . . . . .	34,323	3,525	24,150	17,775	102.71	0.70	0.52	6.85	5.04	3.1
1980 . . . . .	3,119	276	1,960	1,442	88.61	0.63	0.46	7.09	5.22	9.9

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 R8.80s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1980**

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1980 Dollars		1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
RSE Column Factors:	1.3	1.3	1.3	1.3	0.9	0.9	0.9	0.7	0.7	
All Buildings . . . . .	142,495	9,317	102,735	75,613	65.39	0.72	0.53	11.03	8.12	1.4
Census Region										
Northeast . . . . .	34,849	2,443	31,229	22,984	70.11	0.90	0.66	12.78	9.41	2.5
Midwest . . . . .	40,796	2,962	26,389	19,422	72.60	0.65	0.48	8.91	6.56	1.9
South . . . . .	42,182	2,570	32,233	23,723	60.93	0.76	0.56	12.54	9.23	3.3
West . . . . .	24,668	1,342	12,885	9,483	54.40	0.52	0.38	9.60	7.07	2.3
Census Division										
New England . . . . .	8,860	575	7,789	5,733	64.86	0.88	0.65	13.55	9.98	4.4
Middle Atlantic . . . . .	25,988	1,869	23,440	17,252	71.90	0.90	0.66	12.54	9.23	3.3
East North Central . . . . .	27,793	2,113	18,823	13,854	76.02	0.68	0.50	8.91	6.56	2.4
West North Central . . . . .	13,003	849	7,566	5,569	65.31	0.58	0.43	8.91	6.56	5.1
South Atlantic . . . . .	22,288	1,272	18,026	13,267	57.06	0.81	0.60	14.17	10.43	5.5
East South Central . . . . .	8,557	477	5,501	4,049	55.70	0.64	0.47	11.54	8.50	5.9
West South Central . . . . .	11,337	822	8,706	6,407	72.48	0.77	0.57	10.59	7.80	4.5
Mountain . . . . .	6,338	430	3,910	2,878	67.91	0.62	0.45	9.08	6.69	6.0
Pacific . . . . .	18,330	911	8,975	6,605	49.73	0.49	0.36	9.85	7.25	2.9
Type of Home										
Mobile Home . . . . .	3,804	381	4,877	3,590	100.27	1.28	0.94	12.79	9.41	5.7
Single-Family										
Detached . . . . .	112,941	6,629	71,219	52,417	58.69	0.63	0.46	10.74	7.91	1.9
Single-Family										
Attached . . . . .	6,071	394	4,493	3,307	64.91	0.74	0.54	11.40	8.39	6.6
2 to 4 Units . . . . .	10,790	1,115	11,347	8,351	103.33	1.05	0.77	10.18	7.49	4.7
5 or More Units . . . . .	8,889	798	10,799	7,948	89.76	1.21	0.89	13.53	9.96	6.1
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,791	874	9,855	7,253	112.21	1.26	0.93	11.27	8.30	3.7
1,001 to 2,000 . . . . .	37,212	2,834	30,954	22,782	76.17	0.83	0.61	10.92	8.04	2.5
2,001 to 5,000 . . . . .	79,248	4,502	47,868	35,231	56.81	0.60	0.44	10.63	7.83	2.1
5,001 to 10,000 . . . . .	11,789	564	6,398	4,709	47.83	0.54	0.40	11.35	8.35	5.6
10,001 to 25,000 . . . . .	3,288	231	2,871	2,113	70.21	0.87	0.64	12.43	9.15	12.9
25,001 to 50,000 . . . . .	1,046	115	1,662	1,223	109.83	1.59	1.17	14.47	10.65	10.7
50,001 to 100,000 . . . . .	910	95	1,394	1,026	104.68	1.53	1.13	14.63	10.77	16.2
100,001 to 200,000 . . . . .	767	64	1,088	801	82.88	1.42	1.04	17.12	12.60	21.5
Over 200,000 . . . . .	445	38	646	475	85.70	1.45	1.07	16.94	12.46	22.5
Year Constructed										
1939 or Before . . . . .	43,283	3,107	31,526	23,203	71.80	0.73	0.54	10.15	7.47	2.7
1940 to 1949 . . . . .	11,861	891	9,274	6,826	75.16	0.78	0.58	10.40	7.66	4.1
1950 to 1959 . . . . .	23,703	1,672	17,374	12,787	70.54	0.73	0.54	10.39	7.65	3.9
1960 to 1969 . . . . .	26,207	1,700	18,451	13,580	64.85	0.70	0.52	10.86	7.99	3.1
1970 to 1979 . . . . .	34,323	1,809	24,150	17,775	52.69	0.70	0.52	13.35	9.83	3.3
1980 . . . . .	3,118	137	1,960	1,442	44.19	0.63	0.46	14.22	10.47	11.3

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 R9.80p. Total and Average Primary Consumption and Expenditures for Electricity in Residential Buildings, 1980**

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1980 Dollars		1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
RSE Column Factors:	1.2	1.4	1.3	1.3	1.0	0.9	0.9	0.6	0.6	
All Buildings . . . . .	142,480	7,541	55,446	40,808	52.93	0.39	0.29	7.35	5.41	1.8
Census Region										
Northeast . . . . .	34,849	1,235	12,339	9,082	35.44	0.35	0.26	9.99	7.35	3.1
Midwest . . . . .	40,796	1,828	13,176	9,697	44.81	0.32	0.24	7.21	5.30	3.0
South . . . . .	42,171	3,232	21,947	16,153	76.65	0.52	0.38	6.79	5.00	3.4
West . . . . .	24,665	1,245	7,984	5,876	50.49	0.32	0.24	6.41	4.72	3.5
Census Division										
New England . . . . .	8,860	301	2,953	2,173	33.98	0.33	0.25	9.81	7.22	4.2
Middle Atlantic . . . . .	25,988	934	9,386	6,908	35.93	0.36	0.27	10.05	7.40	3.9
East North Central . . . . .	27,793	1,239	9,070	6,676	44.59	0.33	0.24	7.32	5.39	4.3
West North Central . . . . .	13,003	589	4,105	3,022	45.29	0.32	0.23	6.97	5.13	3.9
South Atlantic . . . . .	22,288	1,594	11,724	8,629	71.52	0.53	0.39	7.35	5.41	5.6
East South Central . . . . .	8,545	736	4,158	3,060	86.08	0.49	0.36	5.65	4.16	6.3
West South Central . . . . .	11,337	903	6,065	4,463	79.63	0.53	0.39	6.72	4.94	5.7
Mountain . . . . .	6,335	326	2,272	1,672	51.44	0.36	0.26	6.97	5.13	8.4
Pacific . . . . .	18,330	920	5,712	4,204	50.17	0.31	0.23	6.21	4.57	4.1
Type of Home										
Mobile Home . . . . .	3,804	442	2,982	2,195	116.20	0.78	0.58	6.75	4.97	6.3
Single-Family										
Detached . . . . .	12,926	5,687	40,438	29,763	50.36	0.36	0.26	7.11	5.23	2.3
Single-Family										
Attached . . . . .	6,071	24	2,113	1,555	40.34	0.35	0.26	8.63	6.35	7.5
2 to 4 Units . . . . .	10,790	526	4,580	3,371	48.77	0.42	0.31	8.70	6.41	5.8
5 or More Units . . . . .	8,889	640	5,332	3,924	72.03	0.60	0.44	8.33	6.13	6.5
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,776	822	5,863	4,315	105.70	0.75	0.55	7.13	5.25	3.4
1,001 to 2,000 . . . . .	37,212	2,573	18,240	13,425	69.14	0.49	0.36	7.09	5.22	2.9
2,001 to 5,000 . . . . .	79,248	3,326	24,635	18,132	41.97	0.31	0.23	7.41	5.45	2.5
5,001 to 10,000 . . . . .	11,789	433	3,236	2,382	36.71	0.27	0.20	7.48	5.50	6.8
10,001 to 25,000 . . . . .	3,288	174	1,371	1,009	52.82	0.42	0.31	7.89	5.81	11.6
25,001 to 50,000 . . . . .	1,046	73	680	500	69.98	0.65	0.48	9.29	6.83	14.1
50,001 to 100,000 . . . . .	910	47	529	389	51.69	0.58	0.43	11.24	8.27	14.4
100,001 to 200,000 . . . . .	767	63	580	427	82.65	0.76	0.56	9.16	6.74	18.0
Over 200,000 . . . . .	445	Q	Q	Q	66.71	0.70	0.52	10.51	7.74	28.1
Year Constructed										
1939 or Before . . . . .	43,279	1,531	12,498	9,198	35.38	0.29	0.21	8.16	6.01	3.0
1940 to 1949 . . . . .	11,861	578	4,276	3,147	48.73	0.36	0.27	7.40	5.44	4.7
1950 to 1959 . . . . .	23,695	1,181	8,927	6,570	49.83	0.38	0.28	7.56	5.57	3.8
1960 to 1969 . . . . .	26,203	1,489	10,568	7,778	56.82	0.40	0.30	7.10	5.22	3.5
1970 to 1979 . . . . .	34,323	2,556	17,655	12,994	74.47	0.51	0.38	6.91	5.08	3.5
1980 . . . . .	3,119	206	1,522	1,120	66.14	0.49	0.36	7.38	5.43	11.1

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 R9.80s. Total and Average Site Consumption and Expenditures for Electricity in Residential Buildings, 1980**

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1980 Dollars		1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
RSE Column Factors:	1.2	1.4	1.3	1.3	1.0	0.9	0.9	0.6	0.6	
All Buildings . . . . .	142,480	2,477	55,446	40,808	17.38	0.39	0.29	22.39	16.48	1.8
Census Region										
Northeast . . . . .	34,849	406	12,339	9,082	11.64	0.35	0.26	30.43	22.39	3.1
Midwest . . . . .	40,796	600	13,176	9,697	14.72	0.32	0.24	21.95	16.15	3.0
South . . . . .	42,171	1,062	21,947	16,153	25.17	0.52	0.38	20.67	15.22	3.4
West . . . . .	24,665	409	7,984	5,876	16.58	0.32	0.24	19.52	14.37	3.5
Census Division										
New England . . . . .	8,860	99	2,953	2,173	11.16	0.33	0.25	29.86	21.98	4.2
Middle Atlantic . . . . .	25,988	307	9,386	6,908	11.80	0.36	0.27	30.61	22.53	3.9
East North Central . . . . .	27,793	407	9,070	6,676	14.64	0.33	0.24	22.29	16.40	4.3
West North Central . . . . .	13,003	193	4,105	3,022	14.88	0.32	0.23	21.23	15.62	3.9
South Atlantic . . . . .	22,288	524	11,724	8,629	23.49	0.53	0.39	22.40	16.48	5.6
East South Central . . . . .	8,545	242	4,158	3,060	28.27	0.49	0.36	17.21	12.67	6.3
West South Central . . . . .	11,337	297	6,065	4,463	26.15	0.53	0.39	20.45	15.05	5.7
Mountain . . . . .	6,335	107	2,272	1,672	16.89	0.36	0.26	21.23	15.62	8.4
Pacific . . . . .	18,330	302	5,712	4,204	16.48	0.31	0.23	18.91	13.92	4.1
Type of Home										
Mobile Home . . . . .	3,804	145	2,982	2,195	38.16	0.78	0.58	20.54	15.12	6.3
Single-Family										
Detached . . . . .	112,926	1,868	40,438	29,763	16.54	0.36	0.26	21.65	15.93	2.3
Single-Family										
Attached . . . . .	6,071	80	2,113	1,555	13.25	0.35	0.26	26.27	19.34	7.5
2 to 4 Units . . . . .	10,790	173	4,580	3,371	16.02	0.42	0.31	26.50	19.50	5.8
5 or More Units . . . . .	8,889	210	5,332	3,924	23.66	0.60	0.44	25.36	18.66	6.5
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,776	270	5,836	4,315	34.71	0.75	0.55	21.72	15.99	3.4
1,001 to 2,000 . . . . .	37,212	845	18,240	13,425	22.71	0.49	0.36	21.59	15.89	2.9
2,001 to 5,000 . . . . .	79,248	1,092	24,635	18,132	13.78	0.31	0.23	22.55	16.60	2.5
5,001 to 10,000 . . . . .	11,789	142	3,236	2,382	12.06	0.27	0.20	22.77	16.76	6.8
10,001 to 25,000 . . . . .	3,288	57	1,371	1,009	17.35	0.42	0.31	24.04	17.69	11.6
25,001 to 50,000 . . . . .	1,046	24	680	500	22.98	0.65	0.48	28.28	20.81	14.1
50,001 to 100,000 . . . . .	910	15	529	389	16.97	0.58	0.43	34.21	25.18	14.4
100,001 to 200,000 . . . . .	767	21	580	427	27.14	0.76	0.56	27.89	20.52	18.0
Over 200,000 . . . . .	445	Q	Q	Q	21.91	0.70	0.52	32.02	23.56	27.6
Year Constructed										
1939 or Before . . . . .	43,279	503	12,498	9,198	11.62	0.29	0.21	24.85	18.29	3.0
1940 to 1949 . . . . .	11,861	190	4,276	3,147	16.00	0.36	0.27	22.53	16.58	4.7
1950 to 1959 . . . . .	23,695	388	8,927	6,570	16.36	0.38	0.28	23.02	16.95	3.8
1960 to 1969 . . . . .	26,203	489	10,568	7,778	18.66	0.40	0.30	21.61	15.91	3.5
1970 to 1979 . . . . .	34,323	839	17,655	12,994	24.46	0.51	0.38	21.03	15.48	3.5
1980 . . . . .	3,118	67	1,522	1,120	21.72	0.49	0.36	22.47	16.53	11.1

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 R10.80. Total and Average Consumption and Expenditures for Natural Gas in Residential Buildings, 1980**

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1980 Dollars		1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
RSE Column Factors:	1.5	1.6	1.5	1.5	0.8	0.9	0.9	0.5	0.5	
All Buildings . . . . .	88,521	4,967	26,860	19,769	56.12	0.30	0.22	5.41	3.98	2.2
Census Region										
Northeast . . . . .	18,810	943	6,850	5,042	50.12	0.36	0.27	7.27	5.35	6.6
Midwest . . . . .	29,375	2,045	9,913	7,296	69.63	0.34	0.25	4.85	3.57	3.2
South . . . . .	21,073	1,123	6,012	4,425	53.27	0.29	0.21	5.36	3.94	5.3
West . . . . .	19,264	857	4,085	3,007	44.48	0.21	0.16	4.77	3.51	2.7
Census Division										
New England . . . . .	3,100	146	1,186	873	47.11	0.38	0.28	8.12	5.98	8.7
Middle Atlantic . . . . .	15,710	797	5,664	4,168	50.71	0.36	0.27	7.11	5.23	7.8
East North Central . . . . .	19,989	1,493	7,478	5,504	74.67	0.37	0.28	5.01	3.69	3.3
West North Central . . . . .	9,386	553	2,435	1,792	58.89	0.26	0.19	4.40	3.24	6.5
South Atlantic . . . . .	8,291	427	2,707	1,992	51.48	0.33	0.24	6.34	4.67	9.1
East South Central . . . . .	3,663	203	1,001	737	55.34	0.27	0.20	4.94	3.64	6.3
West South Central . . . . .	9,119	493	2,304	1,696	54.06	0.25	0.19	4.67	3.44	6.5
Mountain . . . . .	4,803	291	1,317	969	60.61	0.27	0.20	4.52	3.33	5.6
Pacific . . . . .	14,461	566	2,768	2,037	39.12	0.19	0.14	4.89	3.60	3.1
Type of Home										
Mobile Home . . . . .	1,174	114	562	414	97.49	0.48	0.35	4.92	3.62	11.6
Single-Family										
Detached . . . . .	67,815	3,609	18,248	13,431	53.22	0.27	0.20	5.06	3.72	2.4
Single-Family										
Attached . . . . .	5,024	219	1,352	995	43.60	0.27	0.20	6.17	4.54	9.1
2 to 4 Units . . . . .	8,432	719	4,301	3,166	85.21	0.51	0.38	5.99	4.41	4.4
5 or More Units . . . . .	6,076	306	2,396	1,763	50.43	0.39	0.29	7.82	5.75	8.4
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	4,200	440	2,195	1,616	104.83	0.52	0.38	4.98	3.67	5.2
1,001 to 2,000 . . . . .	23,365	1,561	8,022	5,904	66.82	0.34	0.25	5.14	3.78	2.9
2,001 to 5,000 . . . . .	49,817	2,515	13,514	9,946	50.49	0.27	0.20	5.37	3.95	3.1
5,001 to 10,000 . . . . .	6,813	285	1,665	1,226	41.79	0.24	0.18	5.85	4.30	7.7
10,001 to 25,000 . . . . .	2,022	89	577	425	44.23	0.29	0.21	6.45	4.75	13.7
25,001 to 50,000 . . . . .	741	40	435	320	54.65	0.59	0.43	10.74	7.91	19.6
50,001 to 100,000 . . . . .	823	21	225	166	25.61	0.27	0.20	Q	Q	21.7
100,001 to 200,000 . . . . .	460	9	135	99	18.58	0.29	0.22	Q	Q	28.9
Over 200,000 . . . . .	280	Q	Q	Q	Q	0.33	0.24	Q	Q	32.2
Year Constructed										
1939 or Before . . . . .	29,618	1,748	9,682	7,126	59.01	0.33	0.24	5.54	4.08	3.4
1940 to 1949 . . . . .	8,186	499	2,780	2,046	60.94	0.34	0.25	5.57	4.10	5.1
1950 to 1959 . . . . .	16,805	982	5,127	3,773	58.41	0.31	0.22	5.22	3.84	4.5
1960 to 1969 . . . . .	17,342	961	5,150	3,790	55.40	0.30	0.22	5.36	3.95	3.9
1970 to 1979 . . . . .	14,933	717	3,771	2,775	48.00	0.25	0.19	5.26	3.87	4.5
1980 . . . . .	1,637	61	350	257	37.80	0.21	0.16	5.65	4.16	18.5

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 R11.80. Total and Average Consumption and Expenditures for Fuel Oil<sup>1</sup> in Residential Buildings, 1980**

Building Characteristics	Total				Average					RSE Row Fac- tors
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Expenditures (million dollars)		Consumption (thousand Btu per sq.ft.)	Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
			1987 Dollars	1980 Dollars		1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
RSE Column Factors:	2.5	2.4	2.4	2.4	1.4	1.4	1.4	0.1	0.1	
All Buildings . . . . .	29,694	1,524	16,630	12,239	51.31	0.56	0.41	10.91	8.03	2.1
Census Region										
Northeast . . . . .	18,189	1,067	11,660	8,582	58.69	0.64	0.47	10.92	8.04	2.7
Midwest . . . . .	4,359	171	1,838	1,353	39.22	0.42	0.31	10.75	7.91	5.0
South . . . . .	5,956	249	2,746	2,021	41.81	0.46	0.34	11.02	8.11	6.3
West . . . . .	1,190	36	386	284	30.43	0.32	0.24	10.65	7.84	7.4
Census Division										
New England . . . . .	6,006	319	3,492	2,570	53.05	0.58	0.43	10.96	8.07	2.9
Middle Atlantic . . . . .	12,182	749	8,168	6,012	61.47	0.67	0.49	10.91	8.03	3.7
East North Central . . . . .	3,284	128	1,388	1,021	39.00	0.42	0.31	10.83	7.97	5.3
West North Central . . . . .	1,075	43	450	331	39.89	0.42	0.31	10.50	7.73	13.5
South Atlantic . . . . .	5,645	241	2,663	1,960	42.77	0.47	0.35	11.03	8.12	6.5
East South Central . . . . .	290	Q	Q	Q	22.56	0.25	0.18	10.96	8.07	29.8
West South Central . . . . .	Q	Q	Q	Q	Q	Q	Q	10.48	7.71	39.7
Mountain . . . . .	Q	Q	Q	Q	30.43	0.32	0.23	10.37	7.63	27.5
Pacific . . . . .	980	30	320	235	30.43	0.33	0.24	10.71	7.88	6.4
Type of Home										
Mobile Home . . . . .	679	42	470	346	62.00	0.69	0.51	11.16	8.22	7.1
Single-Family										
Detached . . . . .	22,775	904	9,850	7,250	39.68	0.43	0.32	10.90	8.02	2.5
Single-Family										
Attached . . . . .	1,743	89	966	711	51.02	0.55	0.41	10.86	8.00	8.0
2 to 4 Units . . . . .	2,389	213	2,336	1,719	89.24	0.98	0.72	10.96	8.07	5.1
5 or More Units . . . . .	2,108	276	3,007	2,213	130.80	1.43	1.05	10.90	8.03	4.2
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	973	71	791	582	72.94	0.81	0.60	11.14	8.20	7.9
1,001 to 2,000 . . . . .	5,180	296	3,251	2,393	57.23	0.63	0.46	10.96	8.07	4.0
2,001 to 5,000 . . . . .	18,156	781	8,501	6,257	43.02	0.47	0.34	10.88	8.01	2.6
5,001 to 10,000 . . . . .	3,163	129	1,401	1,031	40.83	0.44	0.33	10.85	7.99	5.9
10,001 to 25,000 . . . . .	830	80	885	651	96.94	1.07	0.78	10.99	8.09	14.9
25,001 to 50,000 . . . . .	352	50	547	403	143.01	1.55	1.14	10.87	8.00	10.9
50,001 to 100,000 . . . . .	449	59	640	471	130.83	1.43	1.05	10.89	8.02	14.1
100,001 to 200,000 . . . . .	288	34	373	274	118.51	1.29	0.95	10.91	8.03	16.2
Over 200,000 . . . . .	302	22	241	178	73.66	0.80	0.59	10.84	7.98	13.3
Year Constructed										
1939 or Before . . . . .	13,804	749	8,173	6,015	54.24	0.59	0.44	10.91	8.03	3.3
1940 to 1949 . . . . .	2,954	182	1,997	1,470	61.76	0.68	0.50	10.94	8.05	5.0
1950 to 1959 . . . . .	5,471	261	2,849	2,097	47.73	0.52	0.38	10.91	8.03	6.0
1960 to 1969 . . . . .	4,376	190	2,068	1,522	43.36	0.47	0.35	10.90	8.02	4.9
1970 to 1979 . . . . .	2,975	137	1,498	1,103	46.18	0.50	0.37	10.91	8.03	7.6
1980 . . . . .	113	Q	Q	Q	36.92	0.40	0.29	10.80	7.95	22.7

<sup>1</sup> Includes kerosene.

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 R12A.80p. Total Primary Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene <sup>1</sup>		LPG		
	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
RSE Column Factors:	0.5	0.5	0.5	0.7	0.9	1.0	1.5	1.4			2.3	2.8	
All Buildings	65,440	14,382	65,440	7,541	39,838	4,967	11,644	1,524			7,380	349	3.2
Census Region													
Northeast	12,287	3,273	12,287	1,235	6,573	943	6,069	1,067			1,163	27	6.7
Midwest	17,388	4,190	17,388	1,828	12,477	2,045	1,859	171			2,052	145	5.7
South	23,086	4,741	23,086	3,232	11,375	1,123	3,172	249			3,376	137	6.5
West	12,680	2,178	12,680	1,245	9,414	857	544	36			790	40	6.4
Census Division													
New England	2,927	777	2,927	301	911	146	1,990	319			507	11	11.1
Middle Atlantic	9,360	2,496	9,360	934	5,662	797	4,079	749			656	Q	8.2
East North Central	11,835	2,945	11,835	1,239	8,538	1,493	1,398	128			1,173	85	7.8
West North Central	5,552	1,245	5,552	589	3,939	553	460	43			878	60	11.0
South Atlantic	11,812	2,342	11,812	1,594	3,847	427	3,011	241			2,228	80	9.9
East South Central	4,548	971	4,548	736	1,988	203	145	Q			549	26	12.3
West South Central	6,726	1,428	6,726	903	5,539	493	Q	Q			598	31	9.4
Mountain	3,496	649	3,496	326	2,529	291	Q	Q			357	26	11.4
Pacific	9,183	1,529	9,183	920	6,885	566	453	30			433	14	7.7
Type of Home													
Mobile Home	4,646	678	4,646	442	1,438	114	869	42			2,015	80	14.6
Single-Family													
Detached	52,962	10,448	52,962	5,687	32,270	3,609	9,235	904			5,149	248	4.3
Single-Family													
Attached	3,300	559	3,300	245	2,611	219	768	89			99	Q	21.0
2 to 4 Units	3,707	1,468	3,707	526	2,958	719	664	213			103	10	11.5
5 or More Units	826	1,228	826	640	562	306	107	276			Q	Q	14.3
Building Floorspace (square feet)													
Fewer than 1,001	10,360	1,426	10,360	822	5,423	440	1,329	71			2,476	93	9.3
1,001 to 2,000	24,902	4,562	24,902	2,573	15,461	1,561	3,472	296			2,682	132	5.6
2,001 to 5,000	28,018	6,736	28,018	3,326	17,708	2,515	6,245	781			2,126	113	5.3
5,001 to 10,000	1,872	854	1,872	433	1,067	285	516	129			81	Q	14.8
10,001 to 25,000	237	347	237	174	142	89	62	80			Q	Q	26.4
25,001 to 50,000	31	164	31	73	21	40	10	50			*	*	24.5
50,001 to 100,000	14	127	14	47	12	21	7	59			*	*	34.3
100,001 to 200,000	5	106	5	63	3	9	2	34			*	*	44.9
Over 200,000	2	58	2	Q	1	Q	1	22			*	*	39.6
Year Constructed													
1939 or Before	18,371	4,136	18,371	1,531	12,237	1,748	5,027	749			2,249	108	6.6
1940 to 1949	6,173	1,280	6,173	578	4,293	499	1,338	182			590	20	10.0
1950 to 1959	12,337	2,465	12,337	1,181	8,926	982	2,234	261			981	42	7.5
1960 to 1969	12,076	2,700	12,076	1,489	7,632	961	1,713	190			1,421	60	7.4
1970 to 1979	15,280	3,525	15,280	2,556	6,226	717	1,273	137			2,021	115	8.2
1980	1,204	276	1,204	206	524	62	Q	Q			117	Q	29.4

<sup>1</sup> Kerosene combined with fuel oil.

\* = 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.

**Table R12A.80s. Total Site Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene <sup>1</sup>		LPG		
	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
	0.5	0.5	0.5	0.7	0.9	0.9	1.5	1.4			2.2	2.7	
RSE Column Factors:	0.5	0.5	0.5	0.7	0.9	0.9	1.5	1.4			2.2	2.7	
All Buildings . . . . .	65,440	9,317	65,440	2,477	39,838	4,967	11,644	1,524			7,380	349	3.3
Census Region													
Northeast . . . . .	12,287	2,443	12,287	406	6,573	943	6,069	1,067			1,163	27	7.2
Midwest . . . . .	17,388	2,962	17,388	600	12,477	2,045	1,859	171			2,052	145	5.8
South . . . . .	23,086	2,570	23,086	1,062	11,375	1,123	3,172	249			3,376	137	6.6
West . . . . .	12,680	1,342	12,680	409	9,414	857	544	36			790	40	6.5
Census Division													
New England . . . . .	2,927	575	2,927	99	911	146	1,990	319			507	11	11.2
Middle Atlantic . . . . .	9,360	1,869	9,360	307	5,662	797	4,079	749			656	Q	8.6
East North Central . . . . .	11,835	2,113	11,835	407	8,538	1,493	1,398	128			1,173	85	7.9
West North Central . . . . .	5,552	849	5,552	193	3,939	553	460	43			878	60	11.1
South Atlantic . . . . .	11,812	1,272	11,812	524	3,847	427	3,011	241			2,228	80	10.3
East South Central . . . . .	4,548	477	4,548	242	1,988	203	145	Q			549	26	12.0
West South Central . . . . .	6,726	822	6,726	296	5,539	493	Q	Q			598	31	9.0
Mountain . . . . .	3,496	430	3,496	107	2,529	291	Q	Q			357	26	11.3
Pacific . . . . .	9,183	911	9,183	302	6,885	566	453	30			433	14	8.0
Type of Home													
Mobile Home . . . . .	4,646	381	4,646	145	1,438	114	869	42			2,015	80	14.6
Single-Family													
Detached . . . . .	52,962	6,629	52,962	1,868	32,270	3,609	9,235	904			5,149	248	4.4
Single-Family													
Attached . . . . .	3,300	394	3,300	80	2,611	219	768	89			99	Q	21.0
2 to 4 Units . . . . .	3,707	1,115	3,707	173	2,958	719	664	213			103	10	11.5
5 or More Units . . . . .	826	798	826	210	562	306	107	276			Q	Q	14.2
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	10,360	874	10,360	270	5,423	440	1,329	71			2,476	93	9.4
1,001 to 2,000 . . . . .	24,902	2,834	24,902	845	15,461	1,561	3,472	296			2,682	132	5.7
2,001 to 5,000 . . . . .	28,018	4,502	28,018	1,092	17,708	2,515	6,245	781			2,126	113	5.4
5,001 to 10,000 . . . . .	1,872	564	1,872	142	1,067	285	516	129			81	Q	14.8
10,001 to 25,000 . . . . .	237	231	237	57	142	89	62	80			Q	Q	26.8
25,001 to 50,000 . . . . .	31	115	31	24	21	40	10	50			*	*	24.3
50,001 to 100,000 . . . . .	14	95	14	15	12	21	7	59			*	*	34.5
100,001 to 200,000 . . . . .	5	64	5	21	3	9	2	34			*	*	45.2
Over 200,000 . . . . .	2	38	2	Q	1	Q	1	22			*	*	37.2
Year Constructed													
1939 or Before . . . . .	18,371	3,107	18,371	503	12,237	1,748	5,027	749			2,249	108	6.6
1940 to 1949 . . . . .	6,173	891	6,173	190	4,293	499	1,338	182			590	20	10.1
1950 to 1959 . . . . .	12,337	1,672	12,337	388	8,926	982	2,234	261			981	42	7.6
1960 to 1969 . . . . .	12,076	1,700	12,076	489	7,632	961	1,713	190			1,421	60	7.4
1970 to 1979 . . . . .	15,280	1,809	15,280	839	6,226	717	1,273	137			2,021	115	8.2
1980 . . . . .	1,204	138	1,204	68	524	62	Q	Q			117	Q	29.8

<sup>1</sup> Kerosene combined with fuel oil.

\* = 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.

**Table R12B.80p. Total Primary Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Sources												RSE Row Fac- tors	
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene <sup>1</sup>		LPG			
	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)		
	0.5	0.5	0.5	0.7	0.9	0.9	1.5	1.4			2.3	2.7		
RSE Column Factors:	0.5	0.5	0.5	0.7	0.9	0.9	1.5	1.4			2.3	2.7		
All Buildings . . . . .	142,480	14,382	142,480	7,541	88,521	4,967	29,694	1,524			12,146	349	3.4	
Census Region														
Northeast . . . . .		34,849	3,273	34,849	1,235	18,810	943	18,189	1,067			2,712	27	6.7
Midwest . . . . .		40,796	4,190	40,796	1,828	29,375	2,045	4,359	171			4,051	145	5.9
South . . . . .		42,171	4,741	42,171	3,232	21,073	1,123	5,956	249			4,466	137	7.0
West . . . . .		24,665	2,178	24,665	1,245	19,264	857	1,190	36			917	40	6.4
Census Division														
New England . . . . .		8,860	777	8,860	301	3,100	146	6,006	319			1,050	11	10.8
Middle Atlantic . . . . .		25,988	2,496	25,988	934	15,710	797	12,182	749			1,662	Q	8.6
East North Central . . . . .		27,793	2,945	27,793	1,239	19,989	1,493	3,284	128			2,228	85	8.1
West North Central . . . . .		13,003	1,245	13,003	589	9,386	553	1,075	43			1,823	60	11.0
South Atlantic . . . . .		22,288	2,342	22,288	1,594	8,291	427	5,645	241			3,022	80	10.4
East South Central . . . . .		8,545	971	8,545	736	3,663	203	290	Q			775	26	14.3
West South Central . . . . .		11,337	1,428	11,337	903	9,119	493	Q	Q			669	31	10.5
Mountain . . . . .		6,335	649	6,335	326	4,803	291	Q	Q			436	26	12.7
Pacific . . . . .		18,330	1,529	18,330	920	14,461	566	980	30			481	14	7.7
Type of Home														
Mobile Home . . . . .		3,804	678	3,804	442	1,174	114	679	42			1,585	80	14.3
Single-Family														
Detached . . . . .		112,926	10,448	112,926	5,687	67,815	3,609	22,775	904			9,977	248	4.6
Single-Family														
Attached . . . . .		6,071	559	6,071	245	5,024	219	1,743	89			148	Q	21.3
2 to 4 Units . . . . .		10,790	1,468	10,790	526	8,432	719	2,389	213			334	10	11.7
5 or More Units . . . . .		8,889	1,228	8,889	640	6,076	306	2,108	276			Q	Q	11.3
Building Floorspace (square feet)														
Fewer than 1,001 . . . . .		7,776	1,426	7,776	822	4,200	440	973	71			1,716	93	9.0
1,001 to 2,000 . . . . .		37,212	4,562	37,212	2,573	23,365	1,561	5,180	296			3,796	132	5.6
2,001 to 5,000 . . . . .		79,248	6,736	79,248	3,326	49,817	2,515	18,156	781			5,954	113	5.4
5,001 to 10,000 . . . . .		11,789	854	11,789	433	6,813	285	3,163	129			493	Q	14.3
10,001 to 25,000 . . . . .		3,288	347	3,288	174	2,022	89	830	80			Q	Q	26.0
25,001 to 50,000 . . . . .		1,046	164	1,046	73	741	40	352	50			*	*	24.6
50,001 to 100,000 . . . . .		910	127	910	47	823	21	449	59			*	*	33.7
100,001 to 200,000 . . . . .		767	106	767	63	460	9	288	34			*	*	45.9
Over 200,000 . . . . .		445	58	445	Q	280	Q	302	22			*	*	44.3
Year Constructed														
1939 or Before . . . . .		43,279	4,136	43,279	1,531	29,618	1,748	13,804	749			4,602	108	6.9
1940 to 1949 . . . . .		11,861	1,280	11,861	578	8,186	499	2,954	182			1,092	20	10.2
1950 to 1959 . . . . .		23,695	2,465	23,695	1,181	16,805	982	5,471	261			1,520	42	7.9
1960 to 1969 . . . . .		26,203	2,700	26,203	1,489	17,342	961	4,376	190			1,631	60	7.6
1970 to 1979 . . . . .		34,323	3,525	34,323	2,556	14,933	717	2,975	137			3,176	115	8.6
1980 . . . . .		3,119	276	3,119	206	1,638	62	114	Q			125	Q	28.8

<sup>1</sup> Kerosene combined with fuel oil.  
 \* = 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.



**Table R12B.80s. Total Site Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene <sup>1</sup>		LPG		
	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	
	0.5	0.5	0.5	0.7	0.9	0.9	1.5	1.4			2.3	2.7	
All Buildings . . . . .	142,480	9,317	142,480	2,477	88,521	4,967	29,694	1,524			12,146	349	3.4
Census Region													
Northeast . . . . .	34,849	2,443	34,849	406	18,810	943	18,189	1,067			2,712	27	7.1
Midwest . . . . .	40,796	2,962	40,796	600	29,375	2,045	4,359	171			4,051	145	6.0
South . . . . .	42,171	2,570	42,171	1,062	21,073	1,123	5,956	249			4,466	137	7.2
West . . . . .	24,665	1,342	24,665	409	19,264	857	1,190	36			917	40	6.5
Census Division													
New England . . . . .	8,860	575	8,860	99	3,100	146	6,006	319			1,050	11	10.9
Middle Atlantic . . . . .	25,988	1,869	25,988	307	15,710	797	12,182	749			1,662	Q	9.0
East North Central . . . . .	27,793	2,113	27,793	407	19,989	1,493	3,284	128			2,228	85	8.2
West North Central . . . . .	13,003	849	13,003	193	9,386	553	1,075	43			1,823	60	11.1
South Atlantic . . . . .	22,288	1,272	22,288	524	8,291	427	5,645	241			3,022	80	10.8
East South Central . . . . .	8,545	477	8,545	242	3,663	203	290	Q			775	26	14.0
West South Central . . . . .	11,337	822	11,337	296	9,119	493	Q	Q			669	31	10.1
Mountain . . . . .	6,335	430	6,335	107	4,803	291	Q	Q			436	26	12.6
Pacific . . . . .	18,330	911	18,330	302	14,461	566	980	30			481	14	7.9
Type of Home													
Mobile Home . . . . .	3,804	381	3,804	145	1,174	114	679	42			1,585	80	14.3
Single-Family													
Detached . . . . .	112,926	6,629	112,926	1,868	67,815	3,609	22,775	904			9,977	248	4.6
Single-Family													
Attached . . . . .	6,071	394	6,071	80	5,024	219	1,743	89			148	Q	21.3
2 to 4 Units . . . . .	10,790	1,115	10,790	173	8,432	719	2,389	213			334	10	11.7
5 or More Units . . . . .	8,889	798	8,889	210	6,076	306	2,108	276			Q	Q	11.3
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	7,776	874	7,776	270	4,200	440	973	71			1,716	93	9.1
1,001 to 2,000 . . . . .	37,212	2,834	37,212	845	23,365	1,561	5,180	296			3,796	132	5.6
2,001 to 5,000 . . . . .	79,248	4,502	79,248	1,092	49,817	2,515	18,156	781			5,954	113	5.5
5,001 to 10,000 . . . . .	11,789	564	11,789	142	6,813	285	3,163	129			493	Q	14.3
10,001 to 25,000 . . . . .	3,288	231	3,288	57	2,022	89	830	80			Q	Q	26.4
25,001 to 50,000 . . . . .	1,046	115	1,046	24	741	40	352	50			*	*	24.4
50,001 to 100,000 . . . . .	910	95	910	15	823	21	449	59			*	*	33.9
100,001 to 200,000 . . . . .	767	64	767	21	460	9	288	34			*	*	46.1
Over 200,000 . . . . .	445	38	445	Q	280	Q	302	22			*	*	40.6
Year Constructed													
1939 or Before . . . . .	43,279	3,107	43,279	503	29,618	1,748	13,804	749			4,602	108	6.9
1940 to 1949 . . . . .	11,861	891	11,861	190	8,186	499	2,954	182			1,092	20	10.3
1950 to 1959 . . . . .	23,695	1,672	23,695	388	16,805	982	5,471	261			1,520	42	7.9
1960 to 1969 . . . . .	26,203	1,700	26,203	489	17,342	961	4,376	190			1,631	60	7.7
1970 to 1979 . . . . .	34,323	1,809	34,323	839	14,933	717	2,975	137			3,176	115	8.6
1980 . . . . .	3,119	138	3,119	68	1,638	62	114	Q			125	Q	29.2

<sup>1</sup> Kerosene combined with fuel oil.  
 \* = 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.

**Table R13A.80p. Space Heating Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene <sup>1</sup>		LPG		
	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
	0.4	NF	1.1	NF	0.8	NF	1.3	NF			2.1	NF	
RSE Column Factors:	0.4	NF	1.1	NF	0.8	NF	1.3	NF			2.1	NF	
All Buildings . . . . .	63,171	5,907	17,634	960	36,900	3,411	11,545	1,305			4,386	231	4.3
Census Region													
Northeast . . . . .	11,949	1,725	2,404	170	4,785	666	5,988	877			Q	Q	9.9
Midwest . . . . .	17,020	2,071	2,906	246	12,311	1,553	1,859	166			1,462	105	8.2
South . . . . .	22,100	1,382	8,520	370	10,664	694	3,166	226			2,362	91	7.6
West . . . . .	12,103	729	3,804	173	9,139	498	532	35			442	22	8.4
Census Division													
New England . . . . .	2,812	413	729	35	565	102	1,951	271			Q	Q	12.7
Middle Atlantic . . . . .	9,136	1,313	1,675	135	4,220	564	4,036	606			Q	Q	12.4
East North Central . . . . .	11,610	1,510	1,958	196	8,409	1,129	1,398	124			792	60	10.8
West North Central . . . . .	5,410	561	948	50	3,901	424	460	42			670	45	13.3
South Atlantic . . . . .	11,062	727	4,659	170	3,427	288	3,006	219			1,388	50	12.5
East South Central . . . . .	4,336	302	2,257	133	1,945	142	145	Q			459	20	14.6
West South Central . . . . .	6,702	353	1,604	67	5,292	264	Q	Q			516	21	11.3
Mountain . . . . .	3,451	265	860	33	2,480	208	Q	Q			314	18	15.9
Pacific . . . . .	8,652	463	2,945	140	6,659	290	441	29			128	4	10.0
Type of Home													
Mobile Home . . . . .	4,518	230	1,453	60	1,364	77	869	41			1,233	52	16.4
Single-Family Detached . . . . .	50,905	4,139	14,265	673	30,596	2,500	9,154	803			3,027	163	5.2
Single-Family Attached . . . . .	3,264	246	849	31	1,959	133	768	77			Q	Q	22.2
2 to 4 Units . . . . .	3,661	746	735	60	2,524	502	656	177			53	7	13.9
5 or More Units . . . . .	824	546	332	136	458	198	97	206			Q	Q	17.4
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	9,755	495	2,587	84	5,185	279	1,317	68			1,586	64	10.2
1,001 to 2,000 . . . . .	23,940	1,662	7,302	291	14,607	1,018	3,437	263			1,690	90	6.4
2,001 to 5,000 . . . . .	27,362	2,971	7,024	433	16,034	1,794	6,202	677			1,076	67	6.5
5,001 to 10,000 . . . . .	1,827	397	621	70	948	212	509	110			Q	Q	17.1
10,001 to 25,000 . . . . .	236	165	80	35	101	63	61	63			Q	Q	28.6
25,001 to 50,000 . . . . .	31	77	11	11	16	30	9	36			*	*	31.4
50,001 to 100,000 . . . . .	14	56	4	4	7	10	7	42			*	*	39.2
100,001 to 200,000 . . . . .	5	53	4	23	Q	Q	2	26			*	*	40.8
Over 200,000 . . . . .	2	30	Q	Q	Q	Q	1	19			*	*	35.8
Year Constructed													
1939 or Before . . . . .	17,213	2,096	2,994	97	10,441	1,265	5,009	659			1,160	74	8.5
1940 to 1949 . . . . .	5,931	546	1,239	40	3,981	340	1,325	155			248	11	12.3
1950 to 1959 . . . . .	12,151	981	2,440	87	8,498	644	2,223	222			532	28	8.7
1960 to 1969 . . . . .	11,834	1,032	3,101	197	7,420	642	1,672	152			944	41	8.2
1970 to 1979 . . . . .	14,857	1,185	7,253	518	6,060	478	1,256	114			1,433	75	8.9
1980 . . . . .	1,186	67	606	21	500	41	Q	Q			Q	Q	33.2

<sup>1</sup> Kerosene combined with fuel oil.

NF = No applicable RSE row/column factor, estimates derived from regression model.

\* = 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.

**Table R13A.80s. Space Heating Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Sources												RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene <sup>1</sup>		LPG		
	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
	RSE Column Factors:	0.4	NF	1.1	NF	0.8	NF	1.3	NF			2.1	
All Buildings	63,171	5,262	17,634	315	36,900	3,411	11,545	1,305			4,386	231	4.3
Census Region													
Northeast	11,949	1,611	2,404	56	4,785	666	5,988	877			Q	Q	9.9
Midwest	17,020	1,906	2,906	81	12,311	1,553	1,859	166			1,462	105	8.2
South	22,100	1,133	8,520	122	10,664	694	3,166	226			2,362	91	7.6
West	12,103	612	3,804	57	9,139	498	532	35			442	22	8.4
Census Division													
New England	2,812	389	729	12	565	102	1,951	271			Q	Q	12.7
Middle Atlantic	9,136	1,222	1,675	44	4,220	564	4,036	606			Q	Q	12.4
East North Central	11,610	1,378	1,958	64	8,409	1,129	1,398	124			792	60	10.8
West North Central	5,410	527	948	16	3,901	424	460	42			670	45	13.3
South Atlantic	11,062	613	4,659	56	3,427	288	3,006	219			1,388	50	12.5
East South Central	4,336	213	2,257	44	1,945	142	145	Q			459	20	14.6
West South Central	6,702	308	1,604	22	5,292	264	Q	Q			516	21	11.3
Mountain	3,451	243	860	11	2,480	208	Q	Q			314	18	15.9
Pacific	8,652	369	2,945	46	6,659	290	441	29			128	4	10.0
Type of Home													
Mobile Home	4,518	190	1,453	20	1,364	77	869	41			1,233	52	16.4
Single-Family Detached	50,905	3,687	14,265	221	30,596	2,500	9,154	803			3,027	163	5.2
Single-Family Attached	3,264	225	849	10	1,959	133	768	77			Q	Q	22.2
2 to 4 Units	3,661	706	735	20	2,524	502	656	177			53	7	13.9
5 or More Units	824	454	332	45	458	198	97	206			Q	Q	17.4
Building Floorspace (square feet)													
Fewer than 1,001	9,755	438	2,587	28	5,185	279	1,317	68			1,586	64	10.2
1,001 to 2,000	23,940	1,467	7,302	96	14,607	1,018	3,437	263			1,690	90	6.4
2,001 to 5,000	27,362	2,681	7,024	142	16,034	1,794	6,202	677			1,076	67	6.5
5,001 to 10,000	1,827	350	621	23	948	212	509	110			Q	Q	17.1
10,001 to 25,000	236	142	80	12	101	63	61	63			Q	Q	28.6
25,001 to 50,000	31	70	11	4	16	30	9	36			*	*	31.4
50,001 to 100,000	14	54	4	1	7	10	7	42			*	*	39.2
100,001 to 200,000	5	37	4	8	Q	Q	2	26			*	*	40.8
Over 200,000	2	23	Q	Q	Q	Q	1	19			*	*	35.8
Year Constructed													
1939 or Before	17,213	2,030	2,994	32	10,441	1,265	5,009	659			1,160	74	8.5
1940 to 1949	5,931	519	1,239	13	3,981	340	1,325	155			248	11	12.3
1950 to 1959	12,151	923	2,440	29	8,498	644	2,223	222			532	28	8.7
1960 to 1969	11,834	900	3,101	65	7,420	642	1,672	152			944	41	8.2
1970 to 1979	14,857	837	7,253	170	6,060	478	1,256	114			1,433	75	8.9
1980	1,186	53	606	7	500	41	Q	Q			Q	Q	33.2

<sup>1</sup> Kerosene combined with fuel oil.

NF = No applicable RSE row/column factor, estimates derived from regression model.

\* = 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.

**Table R13B.80p. Space Heating Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene <sup>1</sup>		LPG		
	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	
	0.5	NF	1.0	NF	0.8	NF	1.3	NF			2.0	NF	
All Buildings	138,527	5,907	39,268	960	79,784	3,411	29,402	1,305			6,796	231	4.5
Census Region													
Northeast	33,846	1,725	6,799	170	12,992	666	17,955	877			Q	Q	9.7
Midwest	39,979	2,071	7,926	246	28,838	1,553	4,359	166			2,919	105	8.4
South	40,793	1,382	17,278	370	19,407	694	5,909	226			3,158	91	8.5
West	23,910	729	7,264	173	18,547	498	1,180	35			448	22	8.2
Census Division													
New England	8,534	413	1,992	35	1,857	102	5,895	271			Q	Q	11.4
Middle Atlantic	25,312	1,313	4,807	135	11,135	564	12,060	606			Q	Q	12.7
East North Central	27,227	1,510	5,388	196	19,523	1,129	3,284	124			1,468	60	11.3
West North Central	12,752	561	2,538	50	9,315	424	1,075	42			1,451	45	13.1
South Atlantic	21,258	727	9,273	170	7,232	288	5,597	219			1,970	50	13.0
East South Central	8,220	302	4,673	133	3,561	142	290	Q			648	20	19.4
West South Central	11,314	353	3,332	67	8,614	264	Q	Q			540	21	13.4
Mountain	6,249	265	1,583	33	4,691	208	Q	Q			314	18	16.8
Pacific	17,661	463	5,682	140	13,856	290	970	29			Q	4	8.0
Type of Home													
Mobile Home	3,690	230	1,285	60	1,105	77	679	41			959	52	15.4
Single-Family Detached	109,262	4,139	30,839	673	63,933	2,500	22,597	803			5,532	163	5.6
Single-Family Attached	5,995	246	1,202	31	3,542	133	1,743	77			Q	Q	23.1
2 to 4 Units	10,707	746	2,043	60	7,134	502	2,371	177			139	7	14.3
5 or More Units	8,873	546	3,899	136	4,071	198	2,012	206			Q	Q	12.1
Building Floorspace (square feet)													
Fewer than 1,001	7,353	495	1,911	84	4,025	279	963	68			1,128	64	9.6
1,001 to 2,000	35,796	1,662	10,803	291	22,062	1,018	5,116	263			2,401	90	6.4
2,001 to 5,000	77,426	2,971	19,999	433	45,150	1,794	18,031	677			2,970	67	6.6
5,001 to 10,000	11,506	397	3,971	70	6,041	212	3,105	110			Q	Q	16.1
10,001 to 25,000	3,278	165	1,162	35	1,374	63	818	63			Q	Q	27.6
25,001 to 50,000	1,046	77	389	11	519	30	329	36			*	*	31.1
50,001 to 100,000	910	56	271	4	426	10	449	42			*	*	37.3
100,001 to 200,000	767	53	529	23	Q	Q	288	26			*	*	42.8
Over 200,000	445	30	Q	Q	Q	Q	302	19			*	*	42.4
Year Constructed													
1939 or Before	41,147	2,096	6,899	97	24,300	1,265	13,760	659			2,224	74	9.1
1940 to 1949	11,435	546	2,342	40	7,462	340	2,944	155			418	11	13.1
1950 to 1959	23,463	981	4,564	87	15,695	644	5,444	222			834	28	9.7
1960 to 1969	25,877	1,032	6,986	197	16,744	642	4,266	152			1,093	41	8.9
1970 to 1979	33,522	1,185	17,000	518	14,000	478	2,874	114			2,159	75	10.0
1980	3,083	67	1,478	21	1,583	41	114	Q			Q	Q	32.7

<sup>1</sup> Kerosene combined with fuel oil.

NF = No applicable RSE row/column factor, estimates derived from regression model.

\* = 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.

**Table R13B.80s. Space Heating Site Consumption and Floorspace by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene <sup>1</sup>		LPG		
	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	Floor- space (million sq.ft.)	Con- sump- tion (trillion Btu)	
	0.5	NF	1.0	NF	0.8	NF	1.3	NF			2.0	NF	
RSE Column Factors:	0.5	NF	1.0	NF	0.8	NF	1.3	NF			2.0	NF	
All Buildings	138,527	5,262	39,268	315	79,784	3,411	29,402	1,305			6,796	231	4.5
Census Region													
Northeast	33,846	1,611	6,799	56	12,992	666	17,955	877			Q	Q	9.7
Midwest	39,979	1,906	7,926	81	28,838	1,553	4,359	166			2,919	105	8.4
South	40,793	1,133	17,278	122	19,407	694	5,909	226			3,158	91	8.5
West	23,910	612	7,264	57	18,547	498	1,180	35			448	22	8.2
Census Division													
New England	8,534	389	1,992	12	1,857	102	5,895	271			Q	Q	11.4
Middle Atlantic	25,312	1,222	4,807	44	11,135	564	12,060	606			Q	Q	12.7
East North Central	27,227	1,378	5,388	64	19,523	1,129	3,284	124			1,468	60	11.3
West North Central	12,752	527	2,538	16	9,315	424	1,075	42			1,451	45	13.1
South Atlantic	21,258	613	9,273	56	7,232	288	5,597	219			1,970	50	13.0
East South Central	8,220	213	4,673	44	3,561	142	290	Q			648	20	19.4
West South Central	11,314	308	3,332	22	8,614	264	Q	Q			540	21	13.4
Mountain	6,249	243	1,583	11	4,691	208	Q	Q			314	18	16.8
Pacific	17,661	369	5,682	46	13,856	290	970	29			Q	4	8.0
Type of Home													
Mobile Home	3,690	190	1,285	20	1,105	77	679	41			959	52	15.4
Single-Family Detached	109,262	3,687	30,839	221	63,933	2,500	22,597	803			5,532	163	5.6
Single-Family Attached	5,995	225	1,202	10	3,542	133	1,743	77			Q	Q	23.1
2 to 4 Units	10,707	706	2,043	20	7,134	502	2,371	177			139	7	14.3
5 or More Units	8,873	454	3,899	45	4,071	198	2,012	206			Q	Q	12.1
Building Floorspace (square feet)													
Fewer than 1,001	7,353	438	1,911	28	4,025	279	963	68			1,128	64	9.6
1,001 to 2,000	35,796	1,467	10,803	96	22,062	1,018	5,116	263			2,401	90	6.4
2,001 to 5,000	77,426	2,681	19,999	142	45,150	1,794	18,031	677			2,970	67	6.6
5,001 to 10,000	11,506	350	3,971	23	6,041	212	3,105	110			Q	Q	16.1
10,001 to 25,000	3,278	142	1,162	12	1,374	63	818	63			Q	Q	27.6
25,001 to 50,000	1,046	70	389	4	519	30	329	36			*	*	31.1
50,001 to 100,000	910	54	271	1	426	10	449	42			*	*	37.3
100,001 to 200,000	767	37	529	8	Q	Q	288	26			*	*	42.8
Over 200,000	445	23	Q	Q	Q	Q	302	19			*	*	42.4
Year Constructed													
1939 or Before	41,147	2,030	6,899	32	24,300	1,265	13,760	659			2,224	74	9.1
1940 to 1949	11,435	519	2,342	13	7,462	340	2,944	155			418	11	13.1
1950 to 1959	23,463	923	4,564	29	15,695	644	5,444	222			834	28	9.7
1960 to 1969	25,877	900	6,986	65	16,744	642	4,266	152			1,093	41	8.9
1970 to 1979	33,522	837	17,000	170	14,000	478	2,874	114			2,159	75	10.0
1980	3,083	53	1,478	7	1,583	41	114	Q			Q	Q	32.7

<sup>1</sup> Kerosene combined with fuel oil.

NF = No applicable RSE row/column factor, estimates derived from regression model.

\* = 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.

**Table R14A.80p. Air Conditioning and Appliances Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances								RSE Row Factors
	Electricity		All Major Sources		Electricity		Natural Gas		LPG		
	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	
	RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.9	
All Buildings	35,764	1,091	65,440	4,977	65,440	4,565	28,529	365	5,513	47	2.8
Census Region											
Northeast	5,808	92	12,287	937	12,287	840	5,731	88	1,059	9	6.1
Midwest	9,488	224	17,388	1,296	17,388	1,175	8,622	108	1,439	13	5.1
South	16,415	683	23,086	1,839	23,086	1,722	7,978	97	2,382	20	4.7
West	4,053	92	12,680	905	12,680	828	6,198	71	634	6	6.3
Census Division											
New England	1,131	15	2,927	230	2,927	215	772	12	444	4	11.1
Middle Atlantic	4,677	78	9,360	707	9,360	626	4,959	76	616	5	7.3
East North Central	5,579	113	11,835	891	11,835	798	6,307	85	852	8	6.9
West North Central	3,908	111	5,552	404	5,552	376	2,315	23	587	5	9.2
South Atlantic	7,669	292	11,812	893	11,812	847	2,356	32	1,550	14	9.0
East South Central	3,559	131	4,548	372	4,548	358	974	11	327	2	8.5
West South Central	5,187	261	6,726	575	6,726	517	4,647	54	505	4	7.9
Mountain	1,342	36	3,496	240	3,496	226	1,260	12	274	2	10.7
Pacific	2,711	55	9,183	666	9,183	603	4,938	60	359	Q	9.4
Type of Home											
Mobile Home	2,465	57	4,646	260	4,646	233	1,314	13	1,933	13	13.8
Single-Family Detached	29,216	824	52,962	3,777	52,962	3,505	22,337	241	3,463	31	3.7
Single-Family Attached	1,978	34	3,300	179	3,300	156	2,122	23	Q	Q	21.8
2 to 4 Units	1,609	66	3,707	413	3,707	353	2,362	58	76	2	9.7
5 or More Units	495	111	826	349	826	318	394	31	Q	Q	14.6
Building Floorspace (square feet)											
Fewer than 1,001	5,142	99	10,360	557	10,360	500	4,313	44	2,110	14	7.7
1,001 to 2,000	13,648	377	24,902	1,706	24,902	1,565	11,067	123	1,881	17	5.0
2,001 to 5,000	15,663	473	28,018	2,247	28,018	2,068	12,348	165	1,460	15	4.7
5,001 to 10,000	1,120	76	1,872	253	1,872	237	687	16	Q	Q	14.4
10,001 to 25,000	155	30	237	94	237	88	90	6	Q	Q	22.7
25,001 to 50,000	21	16	31	41	31	37	13	4	*	*	27.4
50,001 to 100,000	9	9	14	37	14	33	9	4	*	*	36.9
100,001 to 200,000	4	7	5	27	5	26	2	2	*	*	43.5
Over 200,000	1	4	2	14	2	13	1	Q	*	*	46.1
Year Constructed											
1939 or Before	7,999	140	18,371	1,257	18,371	1,115	9,700	128	1,619	15	6.4
1940 to 1949	3,104	70	6,173	442	6,173	400	3,033	39	401	4	9.9
1950 to 1959	7,281	185	12,337	883	12,337	799	6,443	78	643	6	6.5
1960 to 1969	6,830	233	12,076	984	12,076	907	5,159	69	1,034	7	6.2
1970 to 1979	9,789	413	15,280	1,305	15,280	1,242	3,885	47	1,700	15	7.1
1980	761	52	1,204	105	1,204	101	310	3	117	1	24.5

NF = No applicable RSE row/column factor, estimates derived from regression model.

\* = 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.

**Table R14A.80s. Air Conditioning and Appliances Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances								RSE Row Fac- tors
	Electricity		All Major Sources		Electricity		Natural Gas		LPG		
	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	
	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.9	NF	
RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.9	NF	
All Buildings	35,764	358	65,440	1,911	65,440	1,499	28,529	365	5,513	47	2.8
Census Region											
Northeast	5,808	30	12,287	373	12,287	276	5,731	88	1,059	9	6.1
Midwest	9,488	74	17,388	507	17,388	386	8,622	108	1,439	13	5.1
South	16,415	224	23,086	683	23,086	565	7,978	97	2,382	20	4.7
West	4,053	30	12,680	349	12,680	272	6,198	71	634	6	6.3
Census Division											
New England	1,131	5	2,927	86	2,927	70	772	12	444	4	11.1
Middle Atlantic	4,677	26	9,360	286	9,360	206	4,959	76	616	5	7.3
East North Central	5,579	37	11,835	355	11,835	262	6,307	85	852	8	6.9
West North Central	3,908	36	5,552	152	5,552	124	2,315	23	587	5	9.2
South Atlantic	7,669	96	11,812	324	11,812	278	2,356	32	1,550	14	9.0
East South Central	3,559	43	4,548	131	4,548	118	974	11	327	2	8.5
West South Central	5,187	86	6,726	227	6,726	170	4,647	54	505	4	7.9
Mountain	1,342	12	3,496	88	3,496	74	1,260	12	274	2	10.7
Pacific	2,711	18	9,183	261	9,183	198	4,938	60	359	Q	9.4
Type of Home											
Mobile Home	2,465	19	4,646	103	4,646	77	1,314	13	1,933	13	13.8
Single-Family Detached	29,216	271	52,962	1,423	52,962	1,151	22,337	241	3,463	31	3.7
Single-Family Attached	1,978	11	3,300	74	3,300	51	2,122	23	Q	Q	21.8
2 to 4 Units	1,609	22	3,707	176	3,707	116	2,362	58	76	2	9.7
5 or More Units	495	37	826	135	826	104	394	31	Q	Q	14.6
Building Floorspace (square feet)											
Fewer than 1,001	5,142	33	10,360	221	10,360	164	4,313	44	2,110	14	7.7
1,001 to 2,000	13,648	124	24,902	655	24,902	514	11,067	123	1,881	17	5.0
2,001 to 5,000	15,663	155	28,018	859	28,018	679	12,348	165	1,460	15	4.7
5,001 to 10,000	1,120	25	1,872	94	1,872	78	687	16	Q	Q	14.4
10,001 to 25,000	155	10	237	35	237	29	90	6	Q	Q	22.7
25,001 to 50,000	21	5	31	16	31	12	13	4	*	*	27.4
50,001 to 100,000	9	3	14	15	14	11	9	4	*	*	36.9
100,001 to 200,000	4	2	5	10	5	8	2	2	*	*	43.5
Over 200,000	1	1	2	6	2	4	1	Q	*	*	46.1
Year Constructed											
1939 or Before	7,999	46	18,371	508	18,371	366	9,700	128	1,619	15	6.4
1940 to 1949	3,104	23	6,173	174	6,173	131	3,033	39	401	4	9.9
1950 to 1959	7,281	61	12,337	346	12,337	262	6,443	78	643	6	6.5
1960 to 1969	6,830	76	12,076	375	12,076	298	5,159	69	1,034	7	6.2
1970 to 1979	9,789	136	15,280	470	15,280	408	3,885	47	1,700	15	7.1
1980	761	17	1,204	37	1,204	33	310	3	117	1	24.5

NF = No applicable RSE row/column factor, estimates derived from regression model.

\* = 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.

**Table R14B.80p. Air Conditioning and Appliances Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances								RSE Row Fac- tors
	Electricity		All Major Sources		Electricity		Natural Gas		LPG		
	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	
	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.9	NF	
All Buildings	80,402	1,091	142,480	4,977	142,480	4,565	62,062	365	8,485	47	3.0
Census Region											
Northeast	16,997	92	34,849	937	34,849	840	16,369	88	2,350	9	6.0
Midwest	23,442	224	40,796	1,296	40,796	1,175	19,905	108	2,633	13	5.5
South	32,167	683	42,171	1,839	42,171	1,722	14,116	97	2,841	20	5.5
West	7,797	92	24,665	905	24,665	828	11,672	71	662	6	6.3
Census Division											
New England	3,501	15	8,860	230	8,860	215	2,505	12	873	4	9.6
Middle Atlantic	13,496	78	25,988	707	25,988	626	13,864	76	1,476	5	8.0
East North Central	13,838	113	27,793	891	27,793	798	14,653	85	1,546	8	7.3
West North Central	9,603	111	13,003	404	13,003	376	5,252	23	1,087	5	9.4
South Atlantic	15,870	292	22,288	893	22,288	847	5,162	32	1,849	14	9.9
East South Central	7,071	131	8,545	372	8,545	358	1,662	11	471	2	11.3
West South Central	9,226	261	11,337	575	11,337	517	7,291	54	521	4	9.4
Mountain	2,480	36	6,335	240	6,335	226	1,863	12	264	2	12.7
Pacific	5,317	55	18,330	666	18,330	603	9,809	60	397	Q	9.0
Type of Home											
Mobile Home	2,115	57	3,804	260	3,804	233	1,071	13	1,519	13	13.5
Single-Family Detached	63,725	824	112,926	3,777	112,926	3,505	46,144	241	6,621	31	4.1
Single-Family Attached	3,557	34	6,071	179	6,071	156	4,086	23	Q	Q	21.8
2 to 4 Units	4,975	66	10,790	413	10,790	353	6,740	58	262	2	11.1
5 or More Units	6,030	111	8,889	349	8,889	318	4,022	31	Q	Q	10.7
Building Floorspace (square feet)											
Fewer than 1,001	3,900	99	7,776	557	7,776	500	3,312	44	1,439	14	7.3
1,001 to 2,000	20,651	377	37,212	1,706	37,212	1,565	16,674	123	2,608	17	5.0
2,001 to 5,000	44,250	473	79,248	2,247	79,248	2,068	34,726	165	4,046	15	5.0
5,001 to 10,000	7,131	76	11,789	253	11,789	237	4,516	16	Q	Q	13.9
10,001 to 25,000	2,173	30	3,288	94	3,288	88	1,250	6	Q	Q	22.2
25,001 to 50,000	744	16	1,046	41	1,046	37	475	4	*	*	26.9
50,001 to 100,000	582	9	910	37	910	33	573	4	*	*	35.1
100,001 to 200,000	613	7	767	27	767	26	307	2	*	*	46.1
Over 200,000	358	4	445	14	445	13	229	Q	*	*	48.9
Year Constructed											
1939 or Before	19,257	140	43,279	1,257	43,279	1,115	23,707	128	3,235	15	6.9
1940 to 1949	5,993	70	11,861	442	11,861	400	5,759	39	673	4	9.9
1950 to 1959	14,831	185	23,695	883	23,695	799	11,790	78	892	6	7.0
1960 to 1969	15,101	233	26,203	984	26,203	907	11,431	69	1,057	7	6.9
1970 to 1979	23,229	413	34,323	1,305	34,323	1,242	8,435	47	2,503	15	7.7
1980	1,992	52	3,119	105	3,119	101	939	3	125	1	25.6

NF = No applicable RSE row/column factor, estimates derived from regression model.

\* = 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.



**Table R14B.80s. Air Conditioning and Appliances Site Consumption and Floorspace by Energy Source in Residential Buildings, 1980**

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances								RSE Row Factors
	Electricity		All Major Sources		Electricity		Natural Gas		LPG		
	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	
	RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.9	
All Buildings . . . . .	80,402	358	142,480	1,911	142,480	1,499	62,062	365	8,485	47	3.0
Census Region											
Northeast . . . . .	16,997	30	34,849	373	34,849	276	16,369	88	2,350	9	6.0
Midwest . . . . .	23,442	74	40,796	507	40,796	386	19,905	108	2,633	13	5.5
South . . . . .	32,167	224	42,171	683	42,171	565	14,116	97	2,841	20	5.5
West . . . . .	7,797	30	24,665	349	24,665	272	11,672	71	662	6	6.3
Census Division											
New England . . . . .	3,501	5	8,860	86	8,860	70	2,505	12	873	4	9.6
Middle Atlantic . . . . .	13,496	26	25,988	286	25,988	206	13,864	76	1,476	5	8.0
East North Central . . . . .	13,838	37	27,793	355	27,793	262	14,653	85	1,546	8	7.3
West North Central . . . . .	9,603	36	13,003	152	13,003	124	5,252	23	1,087	5	9.4
South Atlantic . . . . .	15,870	96	22,288	324	22,288	278	5,162	32	1,849	14	9.9
East South Central . . . . .	7,071	43	8,545	131	8,545	118	1,662	11	471	2	11.3
West South Central . . . . .	9,226	86	11,337	227	11,337	170	7,291	54	521	4	9.4
Mountain . . . . .	2,480	12	6,335	88	6,335	74	1,863	12	264	2	12.7
Pacific . . . . .	5,317	18	18,330	261	18,330	198	9,809	60	397	Q	9.0
Type of Home											
Mobile Home . . . . .	2,115	19	3,804	103	3,804	77	1,071	13	1,519	13	13.5
Single-Family											
Detached . . . . .	63,725	271	112,926	1423	112,926	1151	46,144	241	6,621	31	4.1
Single-Family											
Attached . . . . .	3,557	11	6,071	74	6,071	51	4,086	23	Q	Q	21.8
2 to 4 Units . . . . .	4,975	22	10,790	176	10,790	116	6,740	58	262	2	11.1
5 or More Units . . . . .	6,030	37	8,889	135	8,889	104	4,022	31	Q	Q	10.7
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	3,900	33	7,776	221	7,776	164	3,312	44	1,439	14	7.3
1,001 to 2,000 . . . . .	20,651	124	37,212	655	37,212	514	16,674	123	2,608	17	5.0
2,001 to 5,000 . . . . .	44,250	155	79,248	859	79,248	679	34,726	165	4,046	15	5.0
5,001 to 10,000 . . . . .	7,131	25	11,789	94	11,789	78	4,516	16	Q	Q	13.9
10,001 to 25,000 . . . . .	2,173	10	3,288	35	3,288	29	1,250	6	Q	Q	22.2
25,001 to 50,000 . . . . .	744	5	1,046	16	1,046	12	475	4	*	*	26.9
50,001 to 100,000 . . . . .	582	3	910	15	910	11	573	4	*	*	35.1
100,001 to 200,000 . . . . .	613	2	767	10	767	8	307	2	*	*	46.1
Over 200,000 . . . . .	358	1	445	6	445	4	229	Q	*	*	48.9
Year Constructed											
1939 or Before . . . . .	19,257	46	43,279	508	43,279	366	23,707	128	3,235	15	6.9
1940 to 1949 . . . . .	5,993	23	11,861	174	11,861	131	5,759	39	673	4	9.9
1950 to 1959 . . . . .	14,831	61	23,695	346	23,695	262	11,790	78	892	6	7.0
1960 to 1969 . . . . .	15,101	76	26,203	375	26,203	298	11,431	69	1,057	7	6.9
1970 to 1979 . . . . .	23,229	136	34,323	470	34,323	408	8,435	47	2,503	15	7.7
1980 . . . . .	1,992	17	3,119	37	3,119	33	939	3	125	1	25.6

NF = No applicable RSE row/column factor, estimates derived from regression model.  
 \* = 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.

**Table R15A.80p. Total Primary Consumption and Number of Buildings by End Use in Residential Buildings, 1980**

Building Characteristics		End Uses									RSE Row Fac- tors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)		Consump- tion (trillion Btu)
RSE Column Factors:		0.9	1.0	0.9	NF	0.9	NF	1.5	NF	0.9	NF	
All Buildings . . . . .		65,440	14,382	63,171	5,907	64,830	2,366	35,764	1,132	65,440	4,977	1.4
Census Region												
Northeast . . . . .		12,287	3,273	11,949	1,725	12,212	516	5,808	95	12,287	937	2.6
Midwest . . . . .		17,388	4,190	17,020	2,071	17,323	589	9,488	234	17,388	1,296	2.8
South . . . . .		23,086	4,741	22,100	1,382	22,723	817	16,415	703	23,086	1,839	2.6
West . . . . .		12,680	2,178	12,103	729	12,571	443	4,053	101	12,680	905	2.6
Census Division												
New England . . . . .		2,927	777	2,812	413	2,872	119	1,131	15	2,927	230	7.7
Middle Atlantic . . . . .		9,360	2,496	9,136	1,313	9,340	397	4,677	80	9,360	707	3.2
East North Central . . . . .		11,835	2,945	11,610	1,510	11,822	425	5,579	119	11,835	891	3.8
West North Central . . . . .		5,552	1,245	5,410	561	5,502	165	3,908	115	5,552	404	7.1
South Atlantic . . . . .		11,812	2,342	11,062	727	11,577	428	7,669	295	11,812	893	4.9
East South Central . . . . .		4,548	971	4,336	302	4,481	164	3,559	133	4,548	372	5.9
West South Central . . . . .		6,726	1,428	6,702	353	6,665	226	5,187	275	6,726	575	5.2
Mountain . . . . .		3,496	649	3,451	265	3,468	107	1,342	37	3,496	240	6.6
Pacific . . . . .		9,183	1,529	8,652	463	9,103	336	2,711	64	9,183	666	4.3
Type of Home												
Mobile Home . . . . .		4,646	678	4,518	230	4,613	132	2,465	57	4,646	260	10.5
Single-Family												
Detached . . . . .		52,962	10,448	50,905	4,139	52,387	1,672	29,216	861	52,962	3,777	2.1
Single-Family												
Attached . . . . .		3,300	559	3,264	246	3,300	99	1,978	34	3,300	179	15.9
2 to 4 Units . . . . .		3,707	1,468	3,661	746	3,704	243	1,609	67	3,707	413	7.1
5 or More Units . . . . .		826	1,228	824	546	826	220	495	113	826	349	9.8
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		10,360	1,426	9,755	495	10,056	275	5,142	100	10,360	557	5.7
1,001 to 2,000 . . . . .		24,902	4,562	23,940	1,662	24,694	799	13,648	395	24,902	1,706	3.2
2,001 to 5,000 . . . . .		28,018	6,736	27,362	2,971	27,936	1,024	15,663	493	28,018	2,248	2.8
5,001 to 10,000 . . . . .		1,872	854	1,827	397	1,863	126	1,120	77	1,872	253	9.4
10,001 to 25,000 . . . . .		237	347	236	165	230	58	155	30	237	94	16.3
25,001 to 50,000 . . . . .		31	164	31	77	31	30	21	16	31	41	17.7
50,001 to 100,000 . . . . .		14	127	14	56	14	24	9	10	14	37	26.7
100,001 to 200,000 . . . . .		5	106	5	53	5	19	4	7	5	27	32.1
Over 200,000 . . . . .		2	58	2	30	2	10	1	4	2	14	34.6
Year Constructed												
1939 or Before . . . . .		18,371	4,136	17,213	2,096	17,966	638	7,999	144	18,371	1,257	4.3
1940 to 1949 . . . . .		6,173	1,280	5,931	546	6,142	218	3,104	73	6,173	442	6.9
1950 to 1959 . . . . .		12,337	2,465	12,151	981	12,308	404	7,281	197	12,337	883	4.8
1960 to 1969 . . . . .		12,076	2,700	11,834	1,032	12,030	440	6,830	243	12,076	984	4.3
1970 to 1979 . . . . .		15,280	3,525	14,857	1,185	15,179	615	9,789	421	15,280	1,305	4.6
1980 . . . . .		1,204	276	1,186	67	1,204	50	761	54	1,204	105	17.7

NF = No applicable RSE row/column factor, estimates derived from regression model.  
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 R15A.80s. Total Site Consumption and Number of Buildings by End Use in Residential Buildings, 1980**

Building Characteristics		End Uses									RSE Row Fac- tors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)		Consump- tion (trillion Btu)
		RSE Column Factors:		0.9	1.0	0.9	NF	0.9	NF	1.5		NF
All Buildings		65,440	9,317	63,171	5,262	64,830	1,745	35,764	399	65,440	1,911	1.4
Census Region												
Northeast		12,287	2,443	11,949	1,611	12,212	427	5,808	33	12,287	373	2.6
Midwest		17,388	2,962	17,020	1,906	17,323	466	9,488	83	17,388	507	2.8
South		23,086	2,570	22,100	1,133	22,723	510	16,415	244	23,086	683	2.6
West		12,680	1,342	12,103	612	12,571	341	4,053	40	12,680	349	2.6
Census Division												
New England		2,927	575	2,812	389	2,872	94	1,131	5	2,927	86	7.7
Middle Atlantic		9,360	1,869	9,136	1,222	9,340	333	4,677	27	9,360	286	3.2
East North Central		11,835	2,113	11,610	1,378	11,822	337	5,579	43	11,835	355	3.8
West North Central		5,552	849	5,410	527	5,502	130	3,908	40	5,552	152	7.1
South Atlantic		11,812	1,272	11,062	613	11,577	236	7,669	99	11,812	324	4.9
East South Central		4,548	477	4,336	213	4,481	87	3,559	45	4,548	131	5.9
West South Central		6,726	822	6,702	308	6,665	187	5,187	100	6,726	227	5.2
Mountain		3,496	430	3,451	243	3,468	86	1,342	13	3,496	88	5.6
Pacific		9,183	911	8,652	369	9,103	255	2,711	27	9,183	261	4.3
Type of Home												
Mobile Home		4,646	381	4,518	190	4,613	70	2,465	19	4,646	103	10.5
Single-Family												
Detached		52,962	6,629	50,905	3,687	52,387	1,211	29,216	308	52,962	1,423	2.1
Single-Family												
Attached		3,300	394	3,264	225	3,300	83	1,978	12	3,300	74	15.9
2 to 4 Units		3,707	1,115	3,661	706	3,704	211	1,609	22	3,707	176	7.1
5 or More Units		826	798	824	454	826	170	495	38	826	135	9.8
Building Floorspace (square feet)												
Fewer than 1,001		10,360	874	9,755	438	10,056	181	5,142	33	10,360	221	5.7
1,001 to 2,000		24,902	2,834	23,940	1,467	24,694	572	13,648	141	24,902	655	3.2
2,001 to 5,000		28,018	4,502	27,362	2,681	27,936	787	15,663	176	28,018	859	2.8
5,001 to 10,000		1,872	564	1,827	350	1,863	93	1,120	26	1,872	94	9.4
10,001 to 25,000		237	231	236	142	230	44	155	10	237	35	16.3
25,001 to 50,000		31	115	31	70	31	24	21	5	31	16	17.7
50,001 to 100,000		14	95	14	54	14	23	9	4	14	15	26.7
100,001 to 200,000		5	64	5	37	5	14	4	2	5	10	32.1
Over 200,000		2	38	2	23	2	7	1	2	2	5	34.6
Year Constructed												
1939 or Before		18,371	3,107	17,213	2,030	17,966	519	7,999	50	18,371	508	4.3
1940 to 1949		6,173	891	5,931	519	6,142	172	3,104	26	6,173	174	6.9
1950 to 1959		12,337	1,672	12,151	923	12,308	330	7,281	73	12,337	346	4.8
1960 to 1969		12,076	1,700	11,834	900	12,030	338	6,830	87	12,076	375	4.3
1970 to 1979		15,280	1,809	14,857	837	15,179	358	9,789	143	15,280	470	4.6
1980		1,204	138	1,186	53	1,204	28	761	19	1,204	37	17.7

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R15B.80p. Total Primary Consumption and Floorspace by End Use in Residential Buildings, 1980**

Building Characteristics	End Uses										RSE Row Fac- tors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	
RSE Column Factors:	0.9	0.9	1.0	NF	0.9	NF	1.4	NF	0.9	NF	
All Buildings . . . . .	142,480	14,382	138,527	5,907	141,614	2,366	80,402	1,132	142,480	4,977	1.5
Census Region											
Northeast . . . . .	34,849	3,273	33,846	1,725	34,609	516	16,997	95	34,849	937	2.8
Midwest . . . . .	40,796	4,190	39,979	2,071	40,669	589	23,442	234	40,796	1,296	2.9
South . . . . .	42,171	4,741	40,793	1,382	41,789	817	32,167	703	42,171	1,839	3.0
West . . . . .	24,665	2,178	23,910	729	24,547	443	7,797	101	24,665	905	2.8
Census Division											
New England . . . . .	8,860	777	8,534	413	8,660	119	3,501	15	8,860	230	6.2
Middle Atlantic . . . . .	25,988	2,496	25,312	1,313	25,948	397	13,496	80	25,988	707	3.9
East North Central . . . . .	27,793	2,945	27,227	1,510	27,751	425	13,838	119	27,793	891	3.8
West North Central . . . . .	13,003	1,245	12,752	561	12,919	165	9,603	115	13,003	404	7.2
South Atlantic . . . . .	22,288	2,342	21,258	727	22,063	428	15,870	295	22,288	893	5.3
East South Central . . . . .	8,545	971	8,220	302	8,439	164	7,071	133	8,545	372	9.1
West South Central . . . . .	11,337	1,428	11,314	353	11,287	226	9,226	275	11,337	575	5.6
Mountain . . . . .	6,335	649	6,249	265	6,294	107	2,480	37	6,335	240	7.7
Pacific . . . . .	18,330	1,529	17,661	463	18,253	336	5,317	64	18,330	666	4.2
Type of Home											
Mobile Home . . . . .	3,804	678	3,690	230	3,782	132	2,115	57	3,804	260	10.1
Single-Family											
Detached . . . . .	112,926	10,448	109,262	4,139	112,091	1,672	63,725	861	112,926	3,777	2.3
Single-Family											
Attached . . . . .	6,071	559	5,995	246	6,071	99	3,557	34	6,071	179	16.0
2 to 4 Units . . . . .	10,790	1,468	10,707	746	10,781	243	4,975	67	10,790	413	7.7
5 or More Units . . . . .	8,889	1,228	8,873	546	8,889	220	6,030	113	8,889	349	7.6
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	7,776	1,426	7,353	495	7,553	275	3,900	100	7,776	557	5.4
1,001 to 2,000 . . . . .	37,212	4,562	35,796	1,662	36,930	799	20,651	395	37,212	1,706	3.1
2,001 to 5,000 . . . . .	79,248	6,736	77,426	2,971	79,036	1,024	44,250	493	79,248	2,248	3.0
5,001 to 10,000 . . . . .	11,789	854	11,506	397	11,734	126	7,131	77	11,789	253	9.1
10,001 to 25,000 . . . . .	3,288	347	3,278	165	3,194	58	2,173	30	3,288	94	16.0
25,001 to 50,000 . . . . .	1,046	164	1,046	77	1,046	30	744	16	1,046	41	17.3
50,001 to 100,000 . . . . .	910	127	910	56	910	24	582	10	910	37	25.8
100,001 to 200,000 . . . . .	767	106	767	53	767	19	613	7	767	27	33.9
Over 200,000 . . . . .	445	58	445	30	445	10	358	4	445	14	35.3
Year Constructed											
1939 or Before . . . . .	43,279	4,136	41,147	2,096	42,638	638	19,257	144	43,279	1,257	4.4
1940 to 1949 . . . . .	11,861	1,280	11,435	546	11,827	218	5,993	73	11,861	442	7.1
1950 to 1959 . . . . .	23,695	2,465	23,463	981	23,672	404	14,831	197	23,695	883	5.2
1960 to 1969 . . . . .	26,203	2,700	25,877	1,032	26,171	440	15,101	243	26,203	984	4.6
1970 to 1979 . . . . .	34,323	3,525	33,522	1,185	34,187	615	23,229	421	34,323	1,305	5.0
1980 . . . . .	3,119	276	3,083	67	3,119	50	1,992	54	3,119	105	18.6

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R15B.80s. Total Site Consumption and Floorspace by End Use in Residential Buildings, 1980**

Building Characteristics	End Uses										RSE Row Fac- tors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	
	0.9	0.9	1.0	NF	0.9	NF	1.4	NF	0.9	NF	
RSE Column Factors:	0.9	0.9	1.0	NF	0.9	NF	1.4	NF	0.9	NF	
All Buildings . . . . .	142,480	9,317	138,527	5,262	141,614	1,745	80,402	399	142,480	1,911	1.5
Census Region											
Northeast . . . . .	34,849	2,443	33,846	1,611	34,609	427	16,997	33	34,849	373	2.8
Midwest . . . . .	40,796	2,962	39,979	1,906	40,669	466	23,442	83	40,796	507	2.9
South . . . . .	42,171	2,570	40,793	1,133	41,789	510	32,167	244	42,171	683	3.0
West . . . . .	24,665	1,342	23,910	612	24,547	341	7,797	40	24,665	349	2.8
Census Division											
New England . . . . .	8,860	575	8,534	389	8,660	94	3,501	5	8,860	86	6.2
Middle Atlantic . . . . .	25,988	1,869	25,312	1,222	25,948	333	13,496	27	25,988	286	3.9
East North Central . . . . .	27,793	2,113	27,227	1,378	27,751	337	13,838	43	27,793	355	3.8
West North Central . . . . .	13,003	849	12,752	527	12,919	130	9,603	40	13,003	152	7.2
South Atlantic . . . . .	22,288	1,272	21,258	613	22,063	236	15,870	99	22,288	324	5.3
East South Central . . . . .	8,545	477	8,220	213	8,439	87	7,071	45	8,545	131	9.1
West South Central . . . . .	11,337	822	11,314	308	11,287	187	9,226	100	11,337	227	5.6
Mountain . . . . .	6,335	430	6,249	243	6,294	86	2,480	13	6,335	88	7.7
Pacific . . . . .	18,330	911	17,661	369	18,253	255	5,317	27	18,330	261	4.2
Type of Home											
Mobile Home . . . . .	3,804	381	3,690	190	3,782	70	2,115	19	3,804	103	10.1
Single-Family											
Detached . . . . .	112,926	6,629	109,262	3,687	112,091	1,211	63,725	308	112,926	1,423	2.3
Single-Family											
Attached . . . . .	6,071	394	5,995	225	6,071	83	3,557	12	6,071	74	16.0
2 to 4 Units . . . . .	10,790	1,115	10,707	706	10,781	211	4,975	22	10,790	176	7.7
5 or More Units . . . . .	8,889	798	8,873	454	8,889	170	6,030	38	8,889	135	7.6
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	7,776	874	7,353	438	7,553	181	3,900	33	7,776	221	5.4
1,001 to 2,000 . . . . .	37,212	2,834	35,796	1,467	36,930	572	20,651	141	37,212	655	3.1
2,001 to 5,000 . . . . .	79,248	4,502	77,426	2,681	79,036	787	44,250	176	79,248	859	3.0
5,001 to 10,000 . . . . .	11,789	564	11,506	350	11,734	93	7,131	26	11,789	94	9.1
10,001 to 25,000 . . . . .	3,288	231	3,278	142	3,194	44	2,173	10	3,288	35	16.0
25,001 to 50,000 . . . . .	1,046	115	1,046	70	1,046	24	744	5	1,046	16	17.3
50,001 to 100,000 . . . . .	910	95	910	54	910	23	582	4	910	15	25.8
100,001 to 200,000 . . . . .	767	64	767	37	767	14	613	2	767	10	33.9
Over 200,000 . . . . .	445	38	445	23	445	7	358	2	445	5	35.3
Year Constructed											
1939 or Before . . . . .	43,279	3,107	41,147	2,030	42,638	519	19,257	50	43,279	508	4.4
1940 to 1949 . . . . .	11,861	891	11,435	519	11,827	172	5,993	26	11,861	174	7.1
1950 to 1959 . . . . .	23,695	1,672	23,463	923	23,672	330	14,831	73	23,695	346	5.2
1960 to 1969 . . . . .	26,203	1,700	25,877	900	26,171	338	15,101	87	26,203	375	4.6
1970 to 1979 . . . . .	34,323	1,809	33,522	837	34,187	358	23,229	143	34,323	470	5.0
1980 . . . . .	3,119	138	3,083	53	3,119	28	1,992	19	3,119	37	18.6

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R16A.80p. Primary Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1980**

Building Characteristics	End Uses										RSE Row Fac- tors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	
	RSE Column Factors:	0.7	0.9	1.6	NF	1.5	NF	1.1	NF	0.7	
All Buildings . . . . .	65,440	7,541	17,634	960	23,697	925	35,764	1,091	65,440	4,565	2.3
Census Region											
Northeast . . . . .	12,287	1,235	2,404	170	3,511	132	5,808	92	12,287	840	5.2
Midwest . . . . .	17,388	1,828	2,906	246	4,995	183	9,488	224	17,388	1,175	4.9
South . . . . .	23,086	3,232	8,520	370	11,852	457	16,415	683	23,086	1,722	3.6
West . . . . .	12,680	1,245	3,804	173	3,340	152	4,053	92	12,680	828	5.4
Census Division											
New England . . . . .	2,927	301	729	35	898	37	1,131	15	2,927	215	9.6
Middle Atlantic . . . . .	9,360	934	1,675	135	2,613	95	4,677	78	9,360	626	6.1
East North Central . . . . .	11,835	1,239	1,958	196	3,501	131	5,579	113	11,835	798	6.9
West North Central . . . . .	5,552	589	948	50	1,493	52	3,908	111	5,552	376	8.9
South Atlantic . . . . .	11,812	1,594	4,659	170	7,662	285	7,669	292	11,812	847	6.1
East South Central . . . . .	4,548	736	2,257	133	2,900	114	3,559	131	4,548	358	8.2
West South Central . . . . .	6,726	903	1,604	67	1,289	58	5,187	261	6,726	517	9.1
Mountain . . . . .	3,496	326	860	33	900	31	1,342	36	3,496	226	12.1
Pacific . . . . .	9,183	920	2,945	140	2,440	121	2,711	55	9,183	603	6.7
Type of Home											
Mobile Home . . . . .	4,646	442	1,453	60	2,840	92	2,465	57	4,646	233	12.3
Single-Family											
Detached . . . . .	52,962	5,687	14,265	673	19,140	686	29,216	824	52,962	3,505	3.1
Single-Family											
Attached . . . . .	3,300	245	849	31	730	25	1,978	34	3,300	156	18.3
2 to 4 Units . . . . .	3,707	526	735	60	730	47	1,609	66	3,707	353	9.5
5 or More Units . . . . .	826	640	332	136	256	74	495	111	826	318	11.4
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	10,360	822	2,587	84	4,497	139	5,142	99	10,360	500	7.0
1,001 to 2,000 . . . . .	24,902	2,573	7,302	291	9,308	339	13,648	377	24,902	1,565	4.0
2,001 to 5,000 . . . . .	28,018	3,326	7,024	433	9,110	353	15,663	473	28,018	2,068	3.9
5,001 to 10,000 . . . . .	1,872	433	621	70	691	50	1,120	76	1,872	237	11.6
10,001 to 25,000 . . . . .	237	174	80	35	77	21	155	30	237	88	18.6
25,001 to 50,000 . . . . .	31	73	11	11	11	9	21	16	31	37	23.6
50,001 to 100,000 . . . . .	14	47	4	4	1	2	9	9	14	33	30.1
100,001 to 200,000 . . . . .	5	63	4	23	Q	Q	4	7	5	26	37.5
Over 200,000 . . . . .	2	Q	Q	Q	Q	Q	1	4	2	13	47.1
Year Constructed											
1939 or Before . . . . .	18,371	1,531	2,994	97	5,257	179	7,999	140	18,371	1,115	5.7
1940 to 1949 . . . . .	6,173	578	1,239	40	1,831	68	3,104	70	6,173	400	8.6
1950 to 1959 . . . . .	12,337	1,181	2,440	87	3,384	110	7,281	185	12,337	799	6.1
1960 to 1969 . . . . .	12,076	1,489	3,101	197	4,005	153	6,830	233	12,076	907	5.3
1970 to 1979 . . . . .	15,280	2,556	7,253	518	8,536	383	9,789	413	15,280	1,242	5.5
1980 . . . . .	1,204	206	606	21	684	33	761	52	1,204	101	17.8

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R16A.80s. Site Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1980**

Building Characteristics		End Uses									RSE Row Fac- tors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)		Consump- tion (trillion Btu)
RSE Column Factors:		0.7	0.9	1.6	NF	1.5	NF	1.1	NF	0.7	NF	
All Buildings . . . . .		65,440	2,477	17,634	315	23,697	304	35,764	358	65,440	1,499	2.3
Census Region												
Northeast . . . . .			406	2,404	56	3,511	43	5,808	30	12,287	276	5.2
Midwest . . . . .			600	2,906	81	4,995	60	9,488	74	17,388	386	4.9
South . . . . .			1,062	8,520	122	11,852	150	16,415	224	23,086	565	3.6
West . . . . .			409	3,804	57	3,340	50	4,053	30	12,680	272	5.4
Census Division												
New England . . . . .			99	729	12	898	12	1,131	5	2,927	70	9.6
Middle Atlantic . . . . .			307	1,675	44	2,613	31	4,677	26	9,360	206	6.1
East North Central . . . . .			407	1,958	64	3,501	43	5,579	37	11,835	262	6.9
West North Central . . . . .			193	948	16	1,493	17	3,908	36	5,552	124	8.9
South Atlantic . . . . .			524	4,659	56	7,662	94	7,669	96	11,812	278	6.1
East South Central . . . . .			242	2,257	44	2,900	37	3,559	43	4,548	118	8.2
West South Central . . . . .			296	1,604	22	1,289	19	5,187	86	6,726	170	9.1
Mountain . . . . .			107	860	11	900	10	1,342	12	3,496	74	12.1
Pacific . . . . .			302	2,945	46	2,440	40	2,711	18	9,183	198	6.7
Type of Home												
Mobile Home . . . . .			145	1,453	20	2,840	30	2,465	19	4,646	77	12.3
Single-Family												
Detached . . . . .			1,868	14,265	221	19,140	225	29,216	271	52,962	1,151	3.1
Single-Family												
Attached . . . . .			80	849	10	730	8	1,978	11	3,300	51	18.3
2 to 4 Units . . . . .			173	735	20	730	15	1,609	22	3,707	116	9.5
5 or More Units . . . . .			210	332	45	256	24	495	37	826	104	11.4
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .			270	2,587	28	4,497	46	5,142	33	10,360	164	7.0
1,001 to 2,000 . . . . .			845	7,302	96	9,308	111	13,648	124	24,902	514	4.0
2,001 to 5,000 . . . . .			1,092	7,024	142	9,110	116	15,663	155	28,018	679	3.9
5,001 to 10,000 . . . . .			142	621	23	691	16	1,120	25	1,872	78	11.6
10,001 to 25,000 . . . . .			57	80	12	77	7	155	10	237	29	18.6
25,001 to 50,000 . . . . .			24	11	4	11	3	21	5	31	12	23.6
50,001 to 100,000 . . . . .			15	4	1	1	1	9	3	14	11	30.1
100,001 to 200,000 . . . . .			21	4	8	Q	Q	4	2	5	8	37.5
Over 200,000 . . . . .			Q	Q	Q	Q	Q	1	1	2	4	47.1
Year Constructed												
1939 or Before . . . . .			503	2,994	32	5,257	59	7,999	46	18,371	366	5.7
1940 to 1949 . . . . .			190	1,239	13	1,831	22	3,104	23	6,173	131	8.6
1950 to 1959 . . . . .			388	2,440	29	3,384	36	7,281	61	12,337	262	6.1
1960 to 1969 . . . . .			489	3,101	65	4,005	50	6,830	76	12,076	298	5.3
1970 to 1979 . . . . .			839	7,253	170	8,536	126	9,789	136	15,280	408	5.5
1980 . . . . .			68	606	7	684	11	761	17	1,204	33	17.8

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R16B.80p. Primary Electricity Consumption and Floorspace by End Use in Residential Buildings, 1980**

Building Characteristics		End Uses									RSE Row Fac- tors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)		Consump- tion (trillion Btu)
RSE Column Factors:		0.7	0.8	1.4	NF	1.6	NF	1.1	NF	0.7	NF	
All Buildings . . . . .		142,480	7,541	39,268	960	48,966	925	80,402	1,091	142,480	4,565	2.5
Census Region												
Northeast . . . . .		34,849	1,235	6,799	170	9,412	132	16,997	92	34,849	840	5.4
Midwest . . . . .		40,796	1,828	7,926	246	11,697	183	23,442	224	40,796	1,175	5.1
South . . . . .		42,171	3,232	17,278	370	21,490	457	32,167	683	42,171	1,722	4.0
West . . . . .		24,665	1,245	7,264	173	6,366	152	7,797	92	24,665	828	5.0
Census Division												
New England . . . . .		8,860	301	1,992	35	2,610	37	3,501	15	8,860	215	7.8
Middle Atlantic . . . . .		25,988	934	4,807	135	6,802	95	13,496	78	25,988	626	6.9
East North Central . . . . .		27,793	1,239	5,388	196	8,215	131	13,838	113	27,793	798	7.0
West North Central . . . . .		13,003	589	2,538	50	3,482	52	9,603	111	13,003	376	9.3
South Atlantic . . . . .		22,288	1,594	9,273	170	13,407	285	15,870	292	22,288	847	6.5
East South Central . . . . .		8,545	736	4,673	133	5,521	114	7,071	131	8,545	358	11.4
West South Central . . . . .		11,337	903	3,332	67	2,562	58	9,226	261	11,337	517	9.2
Mountain . . . . .		6,335	326	1,583	33	1,521	31	2,480	36	6,335	226	14.3
Pacific . . . . .		18,330	920	5,682	140	4,845	121	5,317	55	18,330	603	6.0
Type of Home												
Mobile Home . . . . .		3,804	442	1,285	60	2,293	92	2,115	57	3,804	233	11.7
Single-Family												
Detached . . . . .		112,926	5,687	30,839	673	40,585	686	63,725	824	112,926	3,505	3.4
Single-Family												
Attached . . . . .		6,071	245	1,202	31	1,153	25	3,557	34	6,071	156	19.2
2 to 4 Units . . . . .		10,790	526	2,043	60	2,077	47	4,975	66	10,790	353	10.3
5 or More Units . . . . .		8,889	640	3,899	136	2,858	74	6,030	111	8,889	318	9.4
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		7,776	822	1,911	84	3,308	139	3,900	99	7,776	500	6.6
1,001 to 2,000 . . . . .		37,212	2,573	10,803	291	13,777	339	20,651	377	37,212	1,565	4.0
2,001 to 5,000 . . . . .		79,248	3,326	19,999	433	25,551	353	44,250	473	79,248	2,068	4.1
5,001 to 10,000 . . . . .		11,789	433	3,971	70	4,327	50	7,131	76	11,789	237	11.3
10,001 to 25,000 . . . . .		3,288	174	1,162	35	1,059	21	2,173	30	3,288	88	18.3
25,001 to 50,000 . . . . .		1,046	73	389	11	355	9	744	16	1,046	37	22.7
50,001 to 100,000 . . . . .		910	47	271	4	100	2	582	9	910	33	29.3
100,001 to 200,000 . . . . .		767	63	529	23	Q	Q	613	7	767	26	39.4
Over 200,000 . . . . .		445	Q	Q	Q	Q	Q	358	4	445	13	47.2
Year Constructed												
1939 or Before . . . . .		43,279	1,531	6,899	97	11,342	179	19,257	140	43,279	1,115	6.1
1940 to 1949 . . . . .		11,861	578	2,342	40	3,363	68	5,993	70	11,861	400	8.9
1950 to 1959 . . . . .		23,695	1,181	4,564	87	6,366	110	14,831	185	23,695	799	6.8
1960 to 1969 . . . . .		26,203	1,489	6,986	197	8,149	153	15,101	233	26,203	907	5.7
1970 to 1979 . . . . .		34,323	2,556	17,000	518	18,206	383	23,229	413	34,323	1,242	6.0
1980 . . . . .		3,119	206	1,478	21	1,540	33	1,992	52	3,119	101	18.7

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R16B.80s. Site Electricity Consumption and Floorspace by End Use in Residential Buildings, 1980**

Building Characteristics		End Uses									RSE Row Fac- tors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)		Consump- tion (trillion Btu)
RSE Column Factors:		0.7	0.8	1.6	NF	1.6	NF	1.1	NF	0.7	NF	
All Buildings . . . . .		142,480	2,477	39,268	315	48,966	304	80,402	358	142,480	1,499	2.5
Census Region												
Northeast . . . . .		34,849	406	6,799	56	9,412	43	16,997	30	34,849	276	5.4
Midwest . . . . .		40,796	600	7,926	81	11,697	60	23,442	74	40,796	386	5.1
South . . . . .		42,171	1,062	17,278	122	21,490	150	32,167	224	42,171	565	4.0
West . . . . .		24,665	409	7,264	57	6,366	50	7,797	30	24,665	272	5.0
Census Division												
New England . . . . .		8,860	99	1,992	12	2,610	12	3,501	5	8,860	70	7.8
Middle Atlantic . . . . .		25,988	307	4,807	44	6,802	31	13,496	26	25,988	206	6.9
East North Central . . . . .		27,793	407	5,388	64	8,215	43	13,838	37	27,793	262	7.0
West North Central . . . . .		13,003	193	2,538	16	3,482	17	9,603	36	13,003	124	9.3
South Atlantic . . . . .		22,288	524	9,273	56	13,407	94	15,870	96	22,288	278	6.5
East South Central . . . . .		8,545	242	4,673	44	5,521	37	7,071	43	8,545	118	11.4
West South Central . . . . .		11,337	296	3,332	22	2,562	19	9,226	86	11,337	170	9.2
Mountain . . . . .		6,335	107	1,583	11	1,521	10	2,480	12	6,335	74	14.3
Pacific . . . . .		18,330	302	5,682	46	4,845	40	5,317	18	18,330	198	6.0
Type of Home												
Mobile Home . . . . .		3,804	145	1,285	20	2,293	30	2,115	19	3,804	77	11.7
Single-Family												
Detached . . . . .		112,926	1,868	30,839	221	40,585	225	63,725	271	112,926	1,151	3.4
Single-Family												
Attached . . . . .		6,071	80	1,202	10	1,153	8	3,557	11	6,071	51	19.2
2 to 4 Units . . . . .		10,790	173	2,043	20	2,077	15	4,975	22	10,790	116	10.3
5 or More Units . . . . .		8,889	210	3,899	45	2,858	24	6,030	37	8,889	104	9.4
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		7,776	270	1,911	28	3,308	46	3,900	33	7,776	164	6.6
1,001 to 2,000 . . . . .		37,212	845	10,803	96	13,777	111	20,651	124	37,212	514	4.0
2,001 to 5,000 . . . . .		79,248	1,092	19,999	142	25,551	116	44,250	155	79,248	679	4.1
5,001 to 10,000 . . . . .		11,789	142	3,971	23	4,327	16	7,131	25	11,789	78	11.3
10,001 to 25,000 . . . . .		3,288	57	1,162	12	1,059	7	2,173	10	3,288	29	18.3
25,001 to 50,000 . . . . .		1,046	24	389	4	355	3	744	5	1,046	12	22.7
50,001 to 100,000 . . . . .		910	15	271	1	100	1	582	3	910	11	29.3
100,001 to 200,000 . . . . .		767	21	529	8	Q	Q	613	2	767	8	39.4
Over 200,000 . . . . .		445	Q	Q	Q	Q	Q	358	1	445	4	47.2
Year Constructed												
1939 or Before . . . . .		43,279	503	6,899	32	11,342	59	19,257	46	43,279	366	6.1
1940 to 1949 . . . . .		11,861	190	2,342	13	3,363	22	5,993	23	11,861	131	8.9
1950 to 1959 . . . . .		23,695	388	4,564	29	6,366	36	14,831	61	23,695	262	6.8
1960 to 1969 . . . . .		26,203	489	6,986	65	8,149	50	15,101	76	26,203	298	5.7
1970 to 1979 . . . . .		34,323	839	17,000	170	18,206	126	23,229	136	34,323	408	6.0
1980 . . . . .		3,119	68	1,478	7	1,540	11	1,992	17	3,119	33	18.7

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R17A.80. Natural Gas Consumption and Number of Buildings by End Use in Residential Buildings, 1980**

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	Buildings (thousand)	Consump- tion (trillion Btu)	Buildings (thousand)	Consump- tion (trillion Btu)	Buildings (thousand)	Consump- tion (trillion Btu)	Buildings (thousand)	Consump- tion (trillion Btu)	
	RSE Column Factors:	0.9	1.0	1.0	NF	1.0	NF	1.1	
All Buildings . . . . .	39,838	4,967	36,900	3,411	35,279	1,152	28,529	365	3.5
Census Region									
Northeast . . . . .	6,573	943	4,785	666	5,325	187	5,731	88	12.9
Midwest . . . . .	12,477	2,045	12,311	1,553	11,431	374	8,622	108	4.0
South . . . . .	11,375	1,123	10,664	694	9,682	312	7,978	97	7.2
West . . . . .	9,414	857	9,139	498	8,842	278	6,198	71	6.1
Census Division									
New England . . . . .	911	146	565	102	740	32	772	12	13.7
Middle Atlantic . . . . .	5,662	797	4,220	564	4,585	155	4,959	76	15.1
East North Central . . . . .	8,538	1,493	8,409	1,129	7,891	273	6,307	85	4.5
West North Central . . . . .	3,939	553	3,901	424	3,540	101	2,315	23	8.4
South Atlantic . . . . .	3,847	427	3,427	288	3,049	104	2,356	32	16.0
East South Central . . . . .	1,988	203	1,945	142	1,494	47	974	11	10.7
West South Central . . . . .	5,539	493	5,292	264	5,139	161	4,647	54	5.4
Mountain . . . . .	2,529	291	2,480	208	2,390	71	1,260	12	12.8
Pacific . . . . .	6,885	566	6,659	290	6,452	207	4,938	60	7.1
Type of Home									
Mobile Home . . . . .	1,438	114	1,364	77	1,053	24	1,314	13	21.2
Single-Family									
Detached . . . . .	32,270	3,609	30,596	2,500	28,906	831	22,337	241	3.9
Single-Family									
Attached . . . . .	2,611	219	1,959	133	2,272	62	2,122	23	18.0
2 to 4 Units . . . . .	2,958	719	2,524	502	2,559	158	2,362	58	8.0
5 or More Units . . . . .	562	306	458	198	488	75	394	31	11.9
Building Floorspace									
(square feet)									
Fewer than 1,001 . . . . .	5,423	440	5,185	279	4,509	118	4,313	44	8.8
1,001 to 2,000 . . . . .	15,461	1,561	14,607	1,018	13,792	403	11,067	123	5.0
2,001 to 5,000 . . . . .	17,708	2,515	16,034	1,794	15,899	537	12,348	165	5.0
5,001 to 10,000 . . . . .	1,067	285	948	212	940	56	687	16	13.5
10,001 to 25,000 . . . . .	142	89	101	63	114	20	90	6	20.6
25,001 to 50,000 . . . . .	21	40	16	30	16	7	13	4	23.2
50,001 to 100,000 . . . . .	12	21	7	10	Q	6	9	4	36.0
100,001 to 200,000 . . . . .	3	9	Q	Q	1	4	2	2	40.1
Over 200,000 . . . . .	1	Q	Q	Q	Q	Q	1	1	30.7
Year Constructed									
1939 or Before . . . . .	12,237	1,748	10,441	1,265	10,513	350	9,700	128	5.5
1940 to 1949 . . . . .	4,293	499	3,981	340	3,666	116	3,033	39	8.8
1950 to 1959 . . . . .	8,926	982	8,498	644	8,128	247	6,443	78	6.2
1960 to 1969 . . . . .	7,632	961	7,420	642	6,998	238	5,159	69	6.6
1970 to 1979 . . . . .	6,226	717	6,060	478	5,497	184	3,885	47	8.5
1980 . . . . .	524	62	500	41	477	16	310	3	31.1

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R17B.80. Natural Gas Consumption and Floorspace by End Use in Residential Buildings, 1980**

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	
	RSE Column Factors:	0.9	1.0	1.0	NF	1.0	NF	1.1	
All Buildings . . . . .	88,521	4,967	79,784	3,411	78,106	1,152	62,062	365	3.6
Census Region									
Northeast . . . . .	18,810	943	12,992	666	14,594	187	16,369	88	11.1
Midwest . . . . .	29,375	2,045	28,838	1,553	27,038	374	19,905	108	5.0
South . . . . .	21,073	1,123	19,407	694	18,402	312	14,116	97	8.1
West . . . . .	19,264	857	18,547	498	18,072	278	11,672	71	5.6
Census Division									
New England . . . . .	3,100	146	1,857	102	2,504	32	2,505	12	17.1
Middle Atlantic . . . . .	15,710	797	11,135	564	12,090	155	13,864	76	13.3
East North Central . . . . .	19,989	1,493	19,523	1,129	18,505	273	14,653	85	6.3
West North Central . . . . .	9,386	553	9,315	424	8,533	101	5,252	23	7.0
South Atlantic . . . . .	8,291	427	7,232	288	7,011	104	5,162	32	16.2
East South Central . . . . .	3,663	203	3,561	142	2,811	47	1,662	11	13.1
West South Central . . . . .	9,119	493	8,614	264	8,580	161	7,291	54	7.0
Mountain . . . . .	4,803	291	4,691	208	4,599	71	1,863	12	11.8
Pacific . . . . .	14,461	566	13,856	290	13,473	207	9,809	60	6.5
Type of Home									
Mobile Home . . . . .	1,174	114	1,105	77	891	24	1,071	13	21.2
Single-Family Detached . . . . .	67,815	3,609	63,933	2,500	61,064	831	46,144	241	4.2
Single-Family Attached . . . . .	5,024	219	3,542	133	4,311	62	4,086	23	17.4
2 to 4 Units . . . . .	8,432	719	7,134	502	7,267	158	6,740	58	9.1
5 or More Units . . . . .	6,076	306	4,071	198	4,573	75	4,022	31	9.2
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	4,200	440	4,025	279	3,531	118	3,312	44	8.4
1,001 to 2,000 . . . . .	23,365	1,561	22,062	1,018	20,876	403	16,674	123	5.1
2,001 to 5,000 . . . . .	49,817	2,515	45,150	1,794	44,797	537	34,726	165	5.2
5,001 to 10,000 . . . . .	6,813	285	6,041	212	5,980	56	4,516	16	13.2
10,001 to 25,000 . . . . .	2,022	89	1,374	63	1,619	20	1,250	6	20.1
25,001 to 50,000 . . . . .	741	40	519	30	538	7	475	4	23.8
50,001 to 100,000 . . . . .	823	21	426	10	Q	6	573	4	34.7
100,001 to 200,000 . . . . .	460	9	Q	Q	206	4	307	2	40.6
Over 200,000 . . . . .	280	Q	Q	Q	Q	Q	229	1	36.7
Year Constructed									
1939 or Before . . . . .	29,618	1,748	24,300	1,265	25,281	350	23,707	128	5.9
1940 to 1949 . . . . .	8,186	499	7,462	340	6,939	116	5,759	39	8.5
1950 to 1959 . . . . .	16,805	982	15,695	644	15,110	247	11,790	78	6.3
1960 to 1969 . . . . .	17,342	961	16,744	642	15,822	238	11,431	69	6.8
1970 to 1979 . . . . .	14,933	717	14,000	478	13,386	184	8,435	47	8.5
1980 . . . . .	1,638	62	1,583	41	1,569	16	939	3	31.5

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R19.80. Total Expenditures (1987 and 1980 Dollars) for All End Uses by Energy Source in Residential Buildings, 1980 (Million Dollars)**

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil¹		
	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
	RSE Column Factors:	0.7	0.7	0.8	0.8	1.1	1.1	1.7	
All Buildings . . . . .	102,735	75,613	55,446	40,808	26,860	19,769	16,630	12,239	2.6
Census Region									
Northeast . . . . .	31,229	22,984	12,339	9,082	6,850	5,042	11,660	8,582	4.1
Midwest . . . . .	26,389	19,422	13,176	9,697	9,913	7,296	1,838	1,353	4.2
South . . . . .	32,233	23,723	21,947	16,153	6,012	4,425	2,746	2,021	6.4
West . . . . .	12,885	9,483	7,984	5,876	4,085	3,007	386	284	5.4
Census Division									
New England . . . . .	7,789	5,733	2,953	2,173	1,186	873	3,492	2,570	8.0
Middle Atlantic . . . . .	23,440	17,252	9,386	6,908	5,664	4,168	8,168	6,012	5.6
East North Central . . . . .	18,823	13,854	9,070	6,676	7,478	5,504	1,388	1,021	5.8
West North Central . . . . .	7,566	5,569	4,105	3,022	2,435	1,792	450	331	10.5
South Atlantic . . . . .	18,026	13,267	11,724	8,629	2,707	1,992	2,663	1,960	10.4
East South Central . . . . .	5,501	4,049	4,158	3,060	1,001	737	Q	Q	11.2
West South Central . . . . .	8,706	6,407	6,065	4,463	2,304	1,696	Q	Q	8.6
Mountain . . . . .	3,910	2,878	2,272	1,672	1,317	969	Q	Q	11.4
Pacific . . . . .	8,975	6,605	5,712	4,204	2,768	2,037	320	235	6.1
Type of Home									
Mobile Home . . . . .	4,877	3,590	2,982	2,195	562	414	470	346	14.3
Single-Family									
Detached . . . . .	71,219	52,417	40,438	29,763	18,248	13,431	9,850	7,250	3.9
Single-Family									
Attached . . . . .	4,493	3,307	2,113	1,555	1,352	995	966	711	16.7
2 to 4 Units . . . . .	11,347	8,351	4,580	3,371	4,301	3,166	2,336	1,719	9.6
5 or More Units . . . . .	10,799	7,948	5,332	3,924	2,396	1,763	3,007	2,213	11.2
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	9,855	7,253	5,863	4,315	2,195	1,616	791	582	8.9
1,001 to 2,000 . . . . .	30,954	22,782	18,240	13,425	8,022	5,904	3,251	2,393	4.9
2,001 to 5,000 . . . . .	47,868	35,231	24,635	18,132	13,514	9,946	8,501	6,257	4.4
5,001 to 10,000 . . . . .	6,398	4,709	3,236	2,382	1,665	1,226	1,401	1,031	10.6
10,001 to 25,000 . . . . .	2,871	2,113	1,371	1,009	577	425	885	651	22.9
25,001 to 50,000 . . . . .	1,662	1,223	680	500	435	320	547	403	15.0
50,001 to 100,000 . . . . .	1,394	1,026	529	389	225	166	640	471	24.2
100,001 to 200,000 . . . . .	1,088	801	580	427	135	99	373	274	34.1
Over 200,000 . . . . .	646	475	Q	Q	Q	Q	241	178	30.1
Year Constructed									
1939 or Before . . . . .	31,526	23,203	12,498	9,198	9,682	7,126	8,173	6,015	5.2
1940 to 1949 . . . . .	9,274	6,826	4,276	3,147	2,780	2,046	1,997	1,470	8.1
1950 to 1959 . . . . .	17,374	12,787	8,927	6,570	5,127	3,773	2,849	2,097	7.3
1960 to 1969 . . . . .	18,451	13,580	10,568	7,778	5,150	3,790	2,068	1,522	6.2
1970 to 1979 . . . . .	24,150	17,775	17,655	12,994	3,771	2,775	1,498	1,103	7.3
1980 . . . . .	1,960	1,442	1,522	1,120	350	257	Q	Q	25.0

<sup>1</sup> Includes kerosene.

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 R20.80. Total Expenditures (1987 and 1980 Dollars) for Space Heating by Energy Source in Residential Buildings, 1980 (Million Dollars)**

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil¹		
	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	40,710	29,962	6,089	4,481	17,955	13,215	14,241	10,481	
Census Region									
Northeast . . . . .	15,532	11,431	1,407	1,036	4,389	3,230	9,581	7,052	
Midwest . . . . .	11,958	8,801	1,591	1,171	7,535	5,546	1,787	1,315	
South . . . . .	9,481	6,978	2,335	1,718	3,649	2,686	2,496	1,837	
West . . . . .	3,738	2,751	755	556	2,382	1,754	377	278	
Census Division									
New England . . . . .	4,144	3,050	329	242	787	579	2,974	2,189	
Middle Atlantic . . . . .	11,388	8,381	1,078	794	3,602	2,651	6,607	4,863	
East North Central . . . . .	8,898	6,549	1,277	940	5,657	4,163	1,344	989	
West North Central . . . . .	3,060	2,252	314	231	1,878	1,382	443	326	
South Atlantic . . . . .	5,946	4,376	1,199	883	1,758	1,294	2,413	1,776	
East South Central . . . . .	1,692	1,245	712	524	696	512	Q	Q	
West South Central . . . . .	1,844	1,357	424	312	1,195	880	Q	Q	
Mountain . . . . .	1,376	1,013	208	153	922	679	Q	Q	
Pacific . . . . .	2,362	1,738	547	402	1,461	1,075	313	230	
Type of Home									
Mobile Home . . . . .	1,738	1,279	348	256	375	276	461	339	
Single-Family									
Detached . . . . .	27,222	20,035	4,177	3,074	12,613	9,283	8,748	6,439	
Single-Family									
Attached . . . . .	1,972	1,426	239	176	811	597	841	619	
2 to 4 Units . . . . .	5,351	3,939	378	278	2,946	2,168	1,942	1,429	
5 or More Units . . . . .	4,461	3,284	947	697	1,210	891	2,250	1,656	
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	3,327	2,448	506	373	1,385	1,019	756	556	
1,001 to 2,000 . . . . .	10,896	8,019	1,835	1,351	5,220	3,842	2,884	2,123	
2,001 to 5,000 . . . . .	20,215	14,878	2,709	1,994	9,446	6,952	7,370	5,424	
5,001 to 10,000 . . . . .	2,901	2,135	435	320	1,212	892	1,189	875	
10,001 to 25,000 . . . . .	1,316	969	222	163	364	268	696	512	
25,001 to 50,000 . . . . .	701	516	76	56	230	169	396	291	
50,001 to 100,000 . . . . .	545	401	24	17	62	46	459	338	
100,001 to 200,000 . . . . .	506	372	199	147	Q	Q	286	210	
Over 200,000 . . . . .	303	223	Q	Q	Q	Q	205	151	
Year Constructed									
1939 or Before . . . . .	15,378	11,318	656	483	6,776	4,987	7,190	5,292	
1940 to 1949 . . . . .	3,879	2,855	253	186	1,817	1,337	1,699	1,250	
1950 to 1959 . . . . .	6,518	4,797	554	408	3,234	2,380	2,419	1,781	
1960 to 1969 . . . . .	6,693	4,926	1,182	870	3,409	2,509	1,659	1,221	
1970 to 1979 . . . . .	7,807	5,746	3,296	2,426	2,490	1,833	1,241	913	
1980 . . . . .	435	320	147	108	229	168	Q	Q	

<sup>1</sup> Includes kerosene.

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R21.80. Total Expenditures (1987 and 1980 Dollars) for Air Conditioning and Appliances by Energy Source in Residential Buildings, 1980 (Million Dollars)**

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances						RSE Row Factors
	Electricity		All Major Sources		Electricity		Natural Gas <sup>1</sup>		
	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	7,989	5,880	38,520	28,351	35,325	25,999	2,589	1,906	
Census Region									
Northeast . . . . .	1,029	757	10,067	7,409	8,794	6,472	1,132	833	
Midwest . . . . .	1,596	1,175	9,432	6,942	8,769	6,454	522	384	
South . . . . .	4,622	3,401	12,784	9,409	11,928	8,779	597	440	
West . . . . .	743	547	6,237	4,590	5,834	4,294	339	249	
Census Division									
New England . . . . .	144	106	2,332	1,716	2,144	1,578	121	89	
Middle Atlantic . . . . .	885	651	7,735	5,693	6,649	4,894	1,011	744	
East North Central . . . . .	844	621	6,591	4,851	6,082	4,476	418	307	
West North Central . . . . .	752	553	2,842	2,092	2,687	1,978	104	76	
South Atlantic . . . . .	2,146	1,580	6,778	4,989	6,310	4,644	283	208	
East South Central . . . . .	750	552	2,152	1,584	2,070	1,523	56	41	
West South Central . . . . .	1,725	1,270	3,854	2,836	3,548	2,611	259	190	
Mountain . . . . .	284	209	1,672	1,231	1,594	1,173	58	43	
Pacific . . . . .	458	337	4,565	3,360	4,240	3,121	281	207	
Type of Home									
Mobile Home . . . . .	394	290	1,845	1,358	1,619	1,191	64	47	
Single-Family Detached . . . . .	5,854	4,308	27,665	20,361	25,982	19,123	1,271	936	
Single-Family Attached . . . . .	297	219	1,560	1,148	1,395	1,027	159	117	
2 to 4 Units . . . . .	547	403	3,788	2,788	3,345	2,462	420	309	
5 or More Units . . . . .	897	661	3,662	2,695	2,983	2,196	676	497	
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	712	524	4,104	3,020	3,708	2,729	228	168	
1,001 to 2,000 . . . . .	2,674	1,968	12,458	9,169	11,553	8,503	676	498	
2,001 to 5,000 . . . . .	3,466	2,551	17,438	12,834	16,161	11,895	1,084	798	
5,001 to 10,000 . . . . .	572	421	2,044	1,504	1,910	1,406	120	88	
10,001 to 25,000 . . . . .	234	172	877	645	777	572	97	71	
25,001 to 50,000 . . . . .	129	95	550	405	406	299	144	106	
50,001 to 100,000 . . . . .	93	69	526	387	399	294	126	93	
100,001 to 200,000 . . . . .	65	48	321	236	260	191	61	45	
Over 200,000 . . . . .	44	33	203	149	149	110	Q	Q	
Year Constructed									
1939 or Before . . . . .	1,120	824	10,620	7,816	9,502	6,994	921	678	
1940 to 1949 . . . . .	510	375	3,465	2,550	3,086	2,271	331	244	
1950 to 1959 . . . . .	1,376	1,013	6,972	5,131	6,282	4,624	611	450	
1960 to 1969 . . . . .	1,670	1,229	7,313	5,383	6,780	4,990	440	324	
1970 to 1979 . . . . .	2,931	2,157	9,358	6,887	8,914	6,560	264	194	
1980 . . . . .	383	281	793	584	761	560	22	16	

<sup>1</sup> Includes kerosene.

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R22.80. Total Expenditures (1987 and 1980 Dollars) by End Use in Residential Buildings, 1980  
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings	102,735	75,613	40,710	29,962	15,323	11,278	8,182	6,022	38,520	28,351	1.4
Census Region											
Northeast	31,229	22,984	15,532	11,431	4,586	3,375	1,044	768	10,067	7,409	1.8
Midwest	26,389	19,422	11,958	8,801	3,362	2,475	1,636	1,204	9,432	6,942	1.9
South	32,233	23,723	9,481	6,978	5,252	3,866	4,715	3,470	12,784	9,409	3.5
West	12,885	9,483	3,738	2,751	2,122	1,562	787	579	6,237	4,590	2.5
Census Division											
New England	7,789	5,733	4,144	3,050	1,166	858	146	108	2,332	1,716	6.0
Middle Atlantic	23,440	17,252	11,388	8,381	3,420	2,517	897	660	7,735	5,693	2.8
East North Central	18,823	13,854	8,898	6,549	2,464	1,813	871	641	6,591	4,851	3.1
West North Central	7,566	5,569	3,060	2,252	899	662	765	563	2,842	2,092	7.5
South Atlantic	18,026	13,267	5,946	4,376	3,137	2,309	2,165	1,593	6,778	4,989	6.5
East South Central	5,501	4,049	1,692	1,245	897	660	760	559	2,152	1,584	7.2
West South Central	8,706	6,407	1,844	1,357	1,218	896	1,790	1,318	3,854	2,836	6.6
Mountain	3,910	2,878	1,376	1,013	572	421	289	213	1,672	1,231	7.1
Pacific	8,975	6,605	2,362	1,738	1,550	1,141	498	366	4,565	3,360	4.2
Type of Home											
Mobile Home	4,877	3,590	1,738	1,279	898	661	396	291	1,845	1,358	9.4
Single-Family Detached	71,219	52,417	27,222	20,035	10,306	7,585	6,027	4,436	27,665	20,361	2.5
Single-Family Attached	4,493	3,307	1,937	1,426	696	512	300	221	1,560	1,148	14.4
2 to 4 Units	11,347	8,351	5,351	3,939	1,657	1,220	550	405	3,788	2,788	8.1
5 or More Units	10,799	7,948	4,461	3,284	1,766	1,300	909	669	3,662	2,695	10.0
Building Floorspace (square feet)											
Fewer than 1,001	9,855	7,253	3,327	2,448	1,711	1,259	714	525	4,104	3,020	5.8
1,001 to 2,000	30,954	22,782	10,896	8,019	4,847	3,567	2,753	2,026	12,458	9,169	3.3
2,001 to 5,000	47,868	35,231	20,215	14,878	6,653	4,896	3,563	2,622	17,438	12,834	2.9
5,001 to 10,000	6,398	4,709	2,901	2,135	875	644	578	426	2,044	1,504	8.2
10,001 to 25,000	2,871	2,113	1,316	969	442	325	235	173	877	645	20.9
25,001 to 50,000	1,662	1,223	701	516	278	205	132	97	550	405	12.1
50,001 to 100,000	1,394	1,026	545	401	227	167	97	71	526	387	22.0
100,001 to 200,000	1,088	801	506	372	196	144	65	48	321	236	29.8
Over 200,000	646	475	303	223	95	70	44	33	203	149	34.3
Year Constructed											
1939 or Before	31,526	23,203	15,378	11,318	4,389	3,230	1,139	839	10,620	7,816	4.2
1940 to 1949	9,274	6,826	3,879	2,855	1,404	1,033	526	387	3,465	2,550	6.3
1950 to 1959	17,374	12,787	6,518	4,797	2,453	1,805	1,432	1,054	6,972	5,131	5.8
1960 to 1969	18,451	13,580	6,693	4,926	2,720	2,002	1,724	1,269	7,313	5,383	4.5
1970 to 1979	24,150	17,775	7,807	5,746	4,017	2,956	2,969	2,185	9,358	6,887	4.4
1980	1,960	1,442	435	320	341	251	391	288	793	584	17.1

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R23.80. Electricity Expenditures (1987 and 1980 Dollars) by End Use in Residential Buildings, 1980  
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	55,446	40,808	6,089	4,481	6,043	4,448	7,989	5,880	35,325	25,999	1.8
Census Region											
Northeast . . . . .	12,339	9,082	1,407	1,036	1,109	817	1,029	757	8,794	6,472	3.2
Midwest . . . . .	13,176	9,697	1,591	1,171	1,219	897	1,596	1,175	8,769	6,454	2.7
South . . . . .	21,947	16,153	2,335	1,718	3,062	2,254	4,622	3,401	11,928	8,779	3.7
West . . . . .	7,984	5,876	755	556	652	480	743	547	5,834	4,294	3.7
Census Division											
New England . . . . .	2,953	2,173	329	242	336	247	144	106	2,144	1,578	6.7
Middle Atlantic . . . . .	9,386	6,908	1,078	794	774	569	885	651	6,649	4,894	4.3
East North Central . . . . .	9,070	6,676	1,277	940	867	638	844	621	6,082	4,476	4.1
West North Central . . . . .	4,105	3,022	314	231	352	259	752	553	2,687	1,978	6.4
South Atlantic . . . . .	11,724	8,629	1,199	883	2,069	1,523	2,146	1,580	6,310	4,644	7.4
East South Central . . . . .	4,158	3,060	712	524	627	461	750	552	2,070	1,523	9.2
West South Central . . . . .	6,065	4,463	424	312	367	270	1,725	1,270	3,548	2,611	8.4
Mountain . . . . .	2,272	1,672	208	153	185	136	284	209	1,594	1,173	12.0
Pacific . . . . .	5,712	4,204	547	402	467	344	458	337	4,240	3,121	4.5
Type of Home											
Mobile Home . . . . .	2,982	2,195	348	256	622	458	394	290	1,619	1,191	10.6
Single-Family											
Detached . . . . .	40,438	29,763	4,177	3,074	4,426	3,258	5,854	4,308	25,982	19,123	2.9
Single-Family											
Attached . . . . .	2,113	1,555	239	176	182	134	297	219	1,395	1,027	14.3
2 to 4 Units . . . . .	4,580	3,371	378	278	309	228	547	403	3,345	2,462	9.4
5 or More Units . . . . .	5,332	3,924	947	697	504	371	897	661	2,983	2,196	10.3
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	5,863	4,315	506	373	937	689	712	524	3,708	2,729	5.7
1,001 to 2,000 . . . . .	18,240	13,425	1,835	1,351	2,178	1,603	2,674	1,968	11,553	8,503	3.6
2,001 to 5,000 . . . . .	24,635	18,132	2,709	1,994	2,298	1,692	3,466	2,551	16,161	11,895	3.3
5,001 to 10,000 . . . . .	3,236	2,382	435	320	319	235	572	421	1,910	1,406	9.0
10,001 to 25,000 . . . . .	1,371	1,009	222	163	139	102	234	172	777	572	16.6
25,001 to 50,000 . . . . .	680	500	76	56	68	50	129	95	406	299	16.0
50,001 to 100,000 . . . . .	529	389	24	17	13	9	93	69	399	294	19.0
100,001 to 200,000 . . . . .	580	427	199	147	Q	Q	65	48	260	191	34.0
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	44	33	149	110	0.0
Year Constructed											
1939 or Before . . . . .	12,498	9,198	656	483	1,219	897	1,120	824	9,502	6,994	4.3
1940 to 1949 . . . . .	4,276	3,147	253	186	427	314	510	375	3,086	2,271	6.5
1950 to 1959 . . . . .	8,927	6,570	554	408	714	526	1,376	1,013	6,282	4,624	5.6
1960 to 1969 . . . . .	10,568	7,778	1,182	870	937	689	1,670	1,229	6,780	4,990	5.0
1970 to 1979 . . . . .	17,655	12,994	3,296	2,426	2,514	1,851	2,931	2,157	8,914	6,560	4.9
1980 . . . . .	1,522	1,120	147	108	231	170	382	281	761	560	17.1

NF = No applicable RSE row/column factor, estimates derived from regression model.

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 R24.80. Natural Gas Expenditures (1987 and 1980 Dollars) by End Use in Residential Buildings, 1980  
(Million Dollars)**

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	
All Buildings . . . . .	26,860	19,769	17,955	13,215	6,123	4,507	2,589	1,906	3.4
Census Region									
Northeast . . . . .	6,850	5,042	4,389	3,230	1,315	968	1,132	833	9.0
Midwest . . . . .	9,913	7,296	7,535	5,546	1,816	1,337	522	384	4.4
South . . . . .	6,012	4,425	3,649	2,686	1,672	1,231	597	440	8.2
West . . . . .		3,007	2,382	1,754	1,320	971	339	249	4.7
Census Division									
New England . . . . .	1,186	873	787	579	276	203	121	89	15.8
Middle Atlantic . . . . .	5,664	4,168	3,602	2,651	1,039	765	1,011	744	11.0
East North Central . . . . .	7,478	5,504	5,657	4,163	1,377	1,014	418	307	5.4
West North Central . . . . .	2,435	1,792	1,878	1,382	439	323	104	76	7.7
South Atlantic . . . . .	2,707	1,992	1,758	1,294	647	476	283	208	14.9
East South Central . . . . .	1,001	737	696	512	240	177	56	41	12.5
West South Central . . . . .	2,304	1,696	1,195	880	785	578	259	190	6.8
Mountain . . . . .	1,317	969	922	679	332	245	58	43	10.2
Pacific . . . . .	2,768	2,037	1,461	1,075	988	727	281	207	5.8
Type of Home									
Mobile Home . . . . .	562	414	375	276	121	89	64	47	23.3
Single-Family Detached . . . . .	18,248	13,431	12,613	9,283	4,191	3,085	1,271	936	4.0
Single-Family Attached . . . . .	1,352	995	811	597	380	279	159	117	17.9
2 to 4 Units . . . . .	4,301	3,166	2,946	2,168	933	687	420	309	8.4
5 or More Units . . . . .	2,396	1,763	1,210	891	498	367	676	497	12.3
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	2,195	1,616	1,385	1,019	581	427	228	168	9.0
1,001 to 2,000 . . . . .	8,022	5,904	5,220	3,842	2,046	1,506	676	498	5.1
2,001 to 5,000 . . . . .	13,514	9,946	9,446	6,952	2,887	2,125	1,084	798	5.4
5,001 to 10,000 . . . . .	1,665	1,226	1,212	892	327	241	120	88	12.0
10,001 to 25,000 . . . . .	577	425	364	268	115	84	97	71	17.8
25,001 to 50,000 . . . . .	435	320	230	169	58	43	144	106	19.3
50,001 to 100,000 . . . . .	225	166	62	46	33	24	126	93	26.8
100,001 to 200,000 . . . . .	135	99	Q	Q	53	39	61	45	28.8
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before . . . . .	9,682	7,126	6,776	4,987	1,966	1,447	921	678	5.4
1940 to 1949 . . . . .	2,780	2,046	1,817	1,337	616	453	331	244	8.7
1950 to 1959 . . . . .	5,127	3,773	3,234	2,380	1,226	903	611	450	6.5
1960 to 1969 . . . . .	5,150	3,790	3,409	2,509	1,246	917	440	324	5.9
1970 to 1979 . . . . .	3,771	2,775	2,490	1,833	979	720	264	194	7.5
1980 . . . . .	350	257	229	168	91	67	22	16	31.5

NF = No applicable RSE row/column factor, estimates derived from regression model.

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.