

**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	All Buildings		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.)	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	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)	
	0.5	0.5	0.5	0.7	0.9	1.0	1.5	1.4			2.3	2.8	
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)		
	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 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)	
	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)	
	RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.9	
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	NF	
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	
All Buildings . . . . .	65,440	2,477	17,634	315	23,697	304	35,764	358	65,440	1,499	2.3
Census Region											
Northeast . . . . .	12,287	406	2,404	56	3,511	43	5,808	30	12,287	276	5.2
Midwest . . . . .	17,388	600	2,906	81	4,995	60	9,488	74	17,388	386	4.9
South . . . . .	23,086	1,062	8,520	122	11,852	150	16,415	224	23,086	565	3.6
West . . . . .	12,680	409	3,804	57	3,340	50	4,053	30	12,680	272	5.4
Census Division											
New England . . . . .	2,927	99	729	12	898	12	1,131	5	2,927	70	9.6
Middle Atlantic . . . . .	9,360	307	1,675	44	2,613	31	4,677	26	9,360	206	6.1
East North Central . . . . .	11,835	407	1,958	64	3,501	43	5,579	37	11,835	262	6.9
West North Central . . . . .	5,552	193	948	16	1,493	17	3,908	36	5,552	124	8.9
South Atlantic . . . . .	11,812	524	4,659	56	7,662	94	7,669	96	11,812	278	6.1
East South Central . . . . .	4,548	242	2,257	44	2,900	37	3,559	43	4,548	118	8.2
West South Central . . . . .	6,726	296	1,604	22	1,289	19	5,187	86	6,726	170	9.1
Mountain . . . . .	3,496	107	860	11	900	10	1,342	12	3,496	74	12.1
Pacific . . . . .	9,183	302	2,945	46	2,440	40	2,711	18	9,183	198	6.7
Type of Home											
Mobile Home . . . . .	4,646	145	1,453	20	2,840	30	2,465	19	4,646	77	12.3
Single-Family											
Detached . . . . .	52,962	1,868	14,265	221	19,140	225	29,216	271	52,962	1,151	3.1
Single-Family											
Attached . . . . .	3,300	80	849	10	730	8	1,978	11	3,300	51	18.3
2 to 4 Units . . . . .	3,707	173	735	20	730	15	1,609	22	3,707	116	9.5
5 or More Units . . . . .	826	210	332	45	256	24	495	37	826	104	11.4
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	10,360	270	2,587	28	4,497	46	5,142	33	10,360	164	7.0
1,001 to 2,000 . . . . .	24,902	845	7,302	96	9,308	111	13,648	124	24,902	514	4.0
2,001 to 5,000 . . . . .	28,018	1,092	7,024	142	9,110	116	15,663	155	28,018	679	3.9
5,001 to 10,000 . . . . .	1,872	142	621	23	691	16	1,120	25	1,872	78	11.6
10,001 to 25,000 . . . . .	237	57	80	12	77	7	155	10	237	29	18.6
25,001 to 50,000 . . . . .	31	24	11	4	11	3	21	5	31	12	23.6
50,001 to 100,000 . . . . .	14	15	4	1	1	1	9	3	14	11	30.1
100,001 to 200,000 . . . . .	5	21	4	8	Q	Q	4	2	5	8	37.5
Over 200,000 . . . . .	2	Q	Q	Q	Q	Q	1	1	2	4	47.1
Year Constructed											
1939 or Before . . . . .	18,371	503	2,994	32	5,257	59	7,999	46	18,371	366	5.7
1940 to 1949 . . . . .	6,173	190	1,239	13	1,831	22	3,104	23	6,173	131	8.6
1950 to 1959 . . . . .	12,337	388	2,440	29	3,384	36	7,281	61	12,337	262	6.1
1960 to 1969 . . . . .	12,076	489	3,101	65	4,005	50	6,830	76	12,076	298	5.3
1970 to 1979 . . . . .	15,280	839	7,253	170	8,536	126	9,789	136	15,280	408	5.5
1980 . . . . .	1,204	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 Oil <sup>1</sup>		
	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.

**Table R1.81. Residential Building and Housing Unit Characteristics, 1981**

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	1.2	0.8	0.9	
<b>All Buildings</b> .....	144,201	66,210	2,178	83,141	1,734	618	1.4
<b>Census Region</b>							
Northeast .....	35,083	12,178	2,881	17,927	1,957	681	2.7
Midwest .....	41,473	17,462	2,375	21,236	1,953	717	3.2
South .....	42,589	23,543	1,809	27,690	1,538	554	2.5
West .....	25,055	13,027	1,923	16,288	1,538	531	2.7
<b>Census Division</b>							
New England .....	8,343	2,932	2,846	4,263	1,957	695	4.5
Middle Atlantic .....	26,741	9,246	2,892	13,664	1,957	677	2.8
East North Central .....	28,134	12,039	2,337	14,613	1,925	707	4.4
West North Central .....	13,339	5,423	2,460	6,623	2,014	738	6.7
South Atlantic .....	21,940	11,334	1,936	14,115	1,554	571	3.7
East South Central .....	9,261	5,085	1,821	5,612	1,650	590	4.8
West South Central .....	11,389	7,124	1,599	7,963	1,430	502	4.7
Mountain .....	6,128	3,416	1,794	3,957	1,548	523	4.9
Pacific .....	18,927	9,610	1,969	12,330	1,535	534	3.0
<b>Type of Home</b>							
Mobile Home .....	3,695	4,198	880	4,198	880	355	5.7
Single-Family							
Detached .....	114,212	54,575	2,093	54,575	2,093	688	1.6
Single-Family							
Attached .....	5,848	3,005	1,946	3,005	1,946	701	8.6
2 to 4 Units .....	10,507	3,480	3,019	9,328	1,126	460	4.4
5 or More Units .....	9,939	953	10,434	12,035	826	387	5.6
<b>Building / Housing Unit Floorspace (square feet)</b>							
Fewer than 1,001 .....	7,903	10,272	769	24,823	724	320	2.7
1,001 to 2,000 .....	38,104	25,913	1,470	30,817	1,442	501	1.6
2,001 to 5,000 .....	79,655	27,861	2,859	26,395	2,838	885	1.7
5,001 to 10,000 .....	11,645	1,816	6,411	1,075	6,122	1,759	5.9
10,001 to 25,000 .....	3,946	296	13,318	Q	Q	Q	8.6
25,001 to 50,000 .....	1,182	34	35,167	NC	NC	NC	11.4
50,001 to 100,000 .....	986	14	70,776	NC	NC	NC	15.1
100,001 to 200,000 .....	434	3	132,457	NC	NC	NC	20.4
Over 200,000 .....	346	1	300,095	NC	NC	NC	27.6
<b>Year Constructed</b>							
1939 or Before .....	44,357	19,020	2,332	24,226	1,831	663	3.4
1940 to 1949 .....	11,133	6,048	1,841	6,924	1,608	605	5.2
1950 to 1959 .....	23,300	11,671	1,997	13,474	1,729	627	3.7
1960 to 1969 .....	26,662	12,525	2,129	16,108	1,655	583	3.6
1970 to 1979 .....	35,688	15,442	2,311	20,468	1,744	598	3.6
1980 to 1981 .....	3,060	1,505	2,034	1,941	1,577	560	9.0

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 1981 Residential Energy Consumption Survey.

**Table R2.81. Energy Sources Used for All End Uses in Residential Buildings, Number of Buildings and Total Floorspace, 1981**

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	0.5	0.4	0.5	0.7	0.7	1.3	1.3	2.4	2.6	1.9	2.0	
All Buildings	66,210	144,201	66,174	144,183	41,636	92,768	9,468	26,133	1,919	3,468	7,224	12,151	4.0
Census Region													
Northeast	12,178	35,083	12,178	35,083	6,900	20,232	5,470	17,140	695	1,518	1,067	2,694	8.2
Midwest	17,462	41,473	17,462	41,473	13,081	31,952	1,877	4,355	267	649	2,065	3,981	7.7
South	23,543	42,589	23,534	42,582	12,216	22,242	1,700	3,644	867	1,099	3,380	4,371	7.6
West	13,027	25,055	13,000	25,045	9,438	18,341	420	993	90	202	711	1,105	8.7
Census Division													
New England	2,932	8,343	2,932	8,343	1,123	3,345	1,700	5,068	65	133	413	986	12.6
Middle Atlantic	9,246	26,741	9,246	26,741	5,776	16,888	3,770	12,073	629	1,384	653	1,708	9.8
East North Central	12,039	28,134	12,039	28,134	9,251	22,241	1,541	3,358	Q	418	1,161	2,186	11.5
West North Central	5,423	13,339	5,423	13,339	3,830	9,711	336	997	Q	Q	905	1,794	15.5
South Atlantic	11,334	21,940	11,325	21,932	4,099	9,142	1,481	3,245	795	1,009	2,129	2,717	11.1
East South Central	5,085	9,261	5,085	9,261	2,395	4,365	Q	Q	56	72	585	702	14.0
West South Central	7,124	11,389	7,124	11,389	5,722	8,735	Q	Q	Q	Q	666	952	11.6
Mountain	3,416	6,128	3,390	6,117	2,569	4,654	Q	Q	21	58	218	Q	11.5
Pacific	9,610	18,927	9,610	18,927	6,870	13,687	358	894	Q	Q	493	759	9.0
Type of Home													
Mobile Home	4,198	3,695	4,187	3,693	1,319	1,233	474	353	230	168	1,752	1,453	16.4
Single-Family													
Detached	54,575	114,212	54,555	114,199	34,812	72,406	7,612	20,323	1,538	2,879	5,380	10,384	4.7
Single-Family													
Attached	3,005	5,848	3,000	5,846	2,128	4,180	563	1,287	103	Q	Q	Q	26.4
2 to 4 Units	3,480	10,507	3,480	10,507	2,738	8,494	649	2,020	47	Q	65	208	14.7
5 or More Units	953	9,939	953	9,939	639	6,455	169	2,149	*	*	Q	Q	14.6
Building Floorspace (square feet)													
Fewer than 1,001	10,272	7,903	10,236	7,884	5,329	4,196	972	744	397	287	2,359	1,684	10.9
1,001 to 2,000	25,913	38,104	25,913	38,104	16,814	24,903	2,323	3,658	794	1,140	2,632	3,683	6.5
2,001 to 5,000	27,861	79,655	27,861	79,655	18,007	51,255	5,576	16,542	712	1,918	2,090	5,889	6.3
5,001 to 10,000	1,816	11,645	1,816	11,645	1,271	8,202	539	3,509	Q	Q	133	784	16.8
10,001 to 25,000	296	3,946	296	3,946	185	2,420	41	656	*	*	Q	Q	24.7
25,001 to 50,000	34	1,182	34	1,182	18	646	Q	Q	*	*	Q	Q	53.9
50,001 to 100,000	14	986	14	986	8	525	6	377	*	*	*	*	32.8
100,001 to 200,000	3	434	3	434	3	337	1	160	*	*	*	*	41.0
Over 200,000	1	346	1	346	1	285	Q	Q	*	*	*	*	87.9
Year Constructed													
1939 or Before	19,020	44,357	18,995	44,342	13,216	31,575	3,864	11,188	640	1,452	2,477	4,997	8.7
1940 to 1949	6,048	11,133	6,048	11,133	4,214	7,498	958	2,433	181	306	474	825	13.5
1950 to 1959	11,671	23,300	11,671	23,300	8,496	17,047	1,806	4,933	368	579	690	1,108	9.5
1960 to 1969	12,525	26,662	12,514	26,659	8,318	18,243	1,385	3,729	275	409	1,265	1,766	9.5
1970 to 1979	15,442	35,688	15,442	35,688	6,914	17,306	1,420	3,775	438	706	2,189	3,257	9.7
1980 to 1981	1,505	3,060	1,505	3,060	478	1,099	Q	Q	Q	Q	128	198	24.6

\* = 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 R3.81. Energy Sources Used for Main Space Heating in Residential Buildings, Number of Buildings and Total Floorspace, 1981**

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	1.0	1.1	2.5	2.4	1.7	1.6	
All Buildings	65,897	143,734	9,088	20,122	38,073	82,308	8,177	22,729	834	1,038	3,670	5,569	5.9
Census Region													
Northeast	12,178	35,083	786	2,526	4,991	13,498	4,883	15,346	133	191	Q	Q	13.6
Midwest	17,462	41,473	778	2,121	12,826	31,011	1,537	3,557	Q	Q	1,020	2,028	9.7
South	23,528	42,573	5,284	11,133	11,459	20,632	1,377	2,923	653	762	2,143	2,674	10.4
West	12,730	24,605	2,241	4,343	8,797	17,166	379	903	Q	Q	421	744	11.5
Census Division													
New England	2,932	8,343	156	500	757	2,096	1,441	4,337	34	73	Q	Q	16.8
Middle Atlantic	9,246	26,741	630	2,026	4,234	11,403	3,442	11,009	98	Q	Q	Q	16.1
East North Central	12,039	28,134	389	1,092	9,162	21,890	1,212	2,600	*	*	453	882	15.9
West North Central	5,423	13,339	389	1,029	3,664	9,121	326	956	Q	Q	567	1,146	18.4
South Atlantic	11,324	21,931	2,934	6,160	3,688	8,184	1,195	2,634	608	717	1,218	1,436	14.9
East South Central	5,085	9,261	1,431	2,847	2,328	4,264	Q	Q	Q	Q	327	379	15.3
West South Central	7,119	11,382	918	2,126	5,444	8,185	Q	Q	*	*	598	858	15.6
Mountain	3,416	6,128	528	933	2,404	4,362	Q	Q	*	*	Q	Q	20.5
Pacific	9,313	18,477	1,713	3,410	6,393	12,804	323	814	Q	Q	281	Q	12.0
Type of Home													
Mobile Home	4,198	3,695	842	757	1,277	1,198	431	318	219	161	1,094	941	19.1
Single-Family Detached	54,277	113,806	6,624	13,107	32,490	66,833	6,432	17,458	606	858	2,558	4,581	6.7
Single-Family Attached	3,005	5,848	659	1,163	1,737	3,294	536	1,185	*	*	*	*	33.5
2 to 4 Units	3,467	10,492	651	1,493	2,106	6,814	631	1,900	Q	Q	Q	Q	15.2
5 or More Units	950	9,893	311	3,602	462	4,170	147	1,868	*	*	*	*	17.9
Building Floorspace (square feet)													
Fewer than 1,001	10,152	7,802	1,411	1,090	4,965	3,929	863	658	358	259	1,248	892	12.9
1,001 to 2,000	25,789	37,947	4,212	6,140	15,585	22,961	1,967	3,117	361	473	1,534	2,123	8.9
2,001 to 5,000	27,794	79,493	3,143	9,011	16,359	46,400	4,790	14,193	115	306	859	2,355	9.3
5,001 to 10,000	1,815	11,638	199	1,275	1,008	6,462	508	3,292	*	*	20	103	20.5
10,001 to 25,000	295	3,919	97	1,306	144	1,826	34	562	*	*	Q	Q	29.6
25,001 to 50,000	34	1,182	17	608	7	227	Q	Q	*	*	*	*	57.8
50,001 to 100,000	14	981	Q	Q	Q	Q	5	310	*	*	*	*	49.1
100,001 to 200,000	3	426	Q	Q	Q	143	Q	Q	*	*	*	*	80.6
Over 200,000	1	346	Q	Q	1	Q	Q	Q	*	*	*	*	113.3
Year Constructed													
1939 or Before	18,914	44,212	760	1,618	11,360	25,883	3,357	9,670	154	229	1,172	2,336	11.8
1940 to 1949	6,021	11,094	431	613	3,773	6,634	845	2,216	Q	Q	202	Q	18.4
1950 to 1959	11,629	23,241	871	1,319	8,042	15,635	1,603	4,433	159	167	267	383	12.8
1960 to 1969	12,474	26,583	1,570	3,680	7,927	16,736	1,232	3,434	141	172	721	1,021	11.6
1970 to 1979	15,362	35,561	4,639	11,291	6,521	16,398	1,115	2,917	281	362	1,251	1,435	11.7
1980 to 1981	1,497	3,043	818	1,601	449	1,023	Q	Q	Q	Q	56	96	27.1

\* = 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 R4.81. Energy Sources Used for Air Conditioning and Appliances in Residential Buildings, Number of Buildings and Total Floorspace, 1981**

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	0.9	0.5	0.5	1.0	1.0	2.3	2.5	
RSE Column Factors:	0.8	0.9	0.5	0.5	1.0	1.0	2.3	2.5	
All Buildings	34,988	78,934	66,174	144,183	29,872	65,521	5,423	8,848	3.6
Census Region									
Northeast	5,239	15,724	12,178	35,083	5,952	17,368	999	2,446	7.6
Midwest	9,306	22,939	17,462	41,473	9,132	21,838	1,476	2,601	7.0
South	16,713	32,541	23,534	42,582	8,720	15,475	2,482	3,157	5.9
West	3,730	7,730	13,000	25,045	6,067	10,839	467	645	8.4
Census Division									
New England	1,028	3,010	2,932	8,343	870	2,499	377	908	12.5
Middle Atlantic	4,211	12,715	9,246	26,741	5,082	14,870	623	1,539	8.9
East North Central	5,532	13,473	12,039	28,134	6,765	15,698	846	1,423	11.4
West North Central	3,774	9,466	5,423	13,339	2,367	6,139	630	1,177	11.8
South Atlantic	7,039	15,450	11,325	21,932	2,750	6,391	1,578	2,030	9.9
East South Central	4,081	7,768	5,085	9,261	1,359	2,387	348	355	12.0
West South Central	5,593	9,323	7,124	11,389	4,611	6,698	556	772	10.0
Mountain	914	1,826	3,390	6,117	1,291	1,974	156	Q	15.8
Pacific	2,816	5,904	9,610	18,927	4,776	8,866	312	435	10.5
Type of Home									
Mobile Home	2,313	2,058	4,187	3,693	1,125	1,018	1,593	1,328	13.2
Single-Family									
Detached	28,884	62,100	54,555	114,199	24,378	50,161	3,744	7,218	4.5
Single-Family									
Attached	1,676	3,401	3,000	5,846	1,887	3,785	Q	Q	20.2
2 to 4 Units	1,577	5,118	3,480	10,507	2,082	6,433	Q	Q	10.0
5 or More Units	537	6,257	953	9,939	399	4,124	Q	Q	12.7
Building Floorspace (square feet)									
Fewer than 1,001	4,653	3,633	10,236	7,884	4,213	3,256	1,936	1,367	9.3
1,001 to 2,000	13,968	20,545	25,913	38,104	11,823	17,397	1,902	2,614	5.7
2,001 to 5,000	15,167	43,739	27,861	79,655	12,839	36,434	1,482	4,196	5.8
5,001 to 10,000	956	6,180	1,816	11,645	859	5,557	94	560	16.7
10,001 to 25,000	208	2,756	296	3,946	114	1,527	Q	Q	22.6
25,001 to 50,000	21	739	34	1,182	15	537	Q	Q	42.0
50,001 to 100,000	11	753	14	986	7	447	*	*	33.8
100,001 to 200,000	3	362	3	434	2	236	*	*	35.0
Over 200,000	1	227	1	346	Q	Q	*	*	79.0
Year Constructed									
1939 or Before	7,194	18,013	18,995	44,342	10,481	24,660	1,912	3,904	7.5
1940 to 1949	3,227	6,165	6,048	11,133	3,109	5,487	327	553	11.5
1950 to 1959	6,387	12,685	11,671	23,300	6,180	12,459	441	721	8.6
1960 to 1969	7,576	16,884	12,514	26,659	5,525	11,914	914	1,141	8.5
1970 to 1979	9,801	23,596	15,442	35,688	4,340	10,500	1,724	2,380	8.0
1980 to 1981	804	1,591	1,505	3,060	237	500	106	150	22.3

\* = 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 R5.81. End Uses for All Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1981**

Building Characteristics			End Uses										RSE Row Fac- tors
			Main Space Heating		Secondary Space Heating		Water Heating		Air Conditioning		Appliances		
	All Buildings												
RSE Column Factors:	0.8	0.9	0.8	0.9	1.4	1.6	0.8	0.9	1.3	1.4	0.8	0.9	
All Buildings	66,210	144,201	65,897	143,734	29,152	69,737	66,063	144,077	36,181	81,950	66,196	144,191	1.7
Census Region													
Northeast	12,178	35,083	12,178	35,083	6,042	17,953	12,178	35,083	5,387	16,137	12,178	35,083	3.7
Midwest	17,462	41,473	17,462	41,473	7,003	18,652	17,405	41,418	9,779	24,185	17,462	41,473	4.2
South	23,543	42,589	23,528	42,573	9,043	18,400	23,453	42,520	16,995	33,251	23,534	42,582	2.6
West	13,027	25,055	12,730	24,605	7,064	14,732	13,027	25,055	4,020	8,378	13,022	25,053	3.4
Census Division													
New England	2,932	8,343	2,932	8,343	1,691	4,924	2,932	8,343	1,037	3,044	2,932	8,343	6.9
Middle Atlantic	9,246	26,741	9,246	26,741	4,352	13,030	9,246	26,741	4,350	13,092	9,246	26,741	4.6
East North Central	12,039	28,134	12,039	28,134	4,762	12,350	11,984	28,082	5,931	14,548	12,039	28,134	7.1
West North Central	5,423	13,339	5,423	13,339	2,241	6,301	5,421	13,335	3,848	9,636	5,423	13,339	9.2
South Atlantic	11,334	21,940	11,324	21,931	4,488	9,453	11,297	21,917	7,106	15,633	11,325	21,932	4.4
East South Central	5,085	9,261	5,085	9,261	2,066	4,390	5,066	9,241	4,162	8,039	5,085	9,261	7.2
West South Central	7,124	11,389	7,119	11,382	2,490	4,557	7,091	11,362	5,727	9,579	7,124	11,389	5.7
Mountain	3,416	6,128	3,416	6,128	1,529	3,229	3,416	6,128	920	1,841	3,411	6,126	7.8
Pacific	9,610	18,927	9,313	18,477	5,535	11,503	9,610	18,927	3,100	6,537	9,610	18,927	4.6
Type of Home													
Mobile Home	4,198	3,695	4,198	3,695	841	749	4,175	3,688	2,319	2,066	4,198	3,695	10.5
Single-Family													
Detached	54,575	114,212	54,277	113,806	26,697	63,681	54,453	114,098	29,974	64,835	54,561	114,202	2.3
Single-Family													
Attached	3,005	5,848	3,005	5,848	930	2,268	3,005	5,848	1,749	3,516	3,005	5,848	14.6
2 to 4 Units	3,480	10,507	3,467	10,492	589	1,979	3,478	10,503	1,593	5,173	3,480	10,507	7.5
5 or More Units	953	9,939	950	9,893	96	1,060	953	9,939	545	6,360	953	9,939	9.2
Building Floorspace (square feet)													
Fewer than 1,001	10,272	7,903	10,152	7,802	2,443	1,879	10,180	7,849	4,653	3,633	10,257	7,893	6.8
1,001 to 2,000	25,913	38,104	25,789	37,947	9,991	15,031	25,858	38,034	14,388	21,167	25,913	38,104	3.3
2,001 to 5,000	27,861	79,655	27,794	79,493	15,706	45,854	27,861	79,655	15,914	45,908	27,861	79,655	3.5
5,001 to 10,000	1,816	11,645	1,815	11,638	945	5,874	1,816	11,645	976	6,316	1,816	11,645	10.4
10,001 to 25,000	296	3,946	295	3,919	63	793	296	3,946	215	2,846	296	3,946	15.4
25,001 to 50,000	34	1,182	34	1,182	Q	Q	34	1,182	21	739	34	1,182	30.6
50,001 to 100,000	14	986	14	981	Q	Q	14	986	11	753	14	986	31.8
100,001 to 200,000	3	434	3	426	Q	Q	3	434	3	362	3	434	29.8
Over 200,000	1	346	1	346	Q	Q	1	346	1	227	1	346	53.7
Year Constructed													
1939 or Before	19,020	44,357	18,914	44,212	7,167	18,790	18,948	44,282	7,403	18,505	19,005	44,348	5.5
1940 to 1949	6,048	11,133	6,021	11,094	2,431	4,896	6,015	11,113	3,319	6,372	6,048	11,133	8.4
1950 to 1959	11,671	23,300	11,629	23,241	5,423	11,791	11,634	23,275	6,805	13,765	11,671	23,300	5.5
1960 to 1969	12,525	26,662	12,474	26,583	5,632	12,614	12,519	26,658	7,788	17,433	12,525	26,662	5.8
1970 to 1979	15,442	35,688	15,362	35,561	7,884	20,454	15,442	35,688	10,062	24,285	15,442	35,688	5.4
1980 to 1981	1,505	3,060	1,497	3,043	614	1,192	1,505	3,060	804	1,591	1,505	3,060	14.3

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 R6.81. End Uses for Electricity Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1981**

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:	0.8	0.9	0.8	0.9	1.4	1.6	0.8	0.9	1.3	1.4	
All Buildings . . . . .	9,088	20,122	7,921	17,236	22,514	45,935	34,988	78,934	66,174	144,183	1.7
Census Region											
Northeast . . . . .	786	2,526	1,489	4,366	2,878	7,794	5,239	15,724	12,178	35,083	3.7
Midwest . . . . .	778	2,121	1,473	3,730	4,343	9,998	9,306	22,939	17,462	41,473	4.2
South . . . . .	5,284	11,133	3,125	5,500	11,708	21,101	16,713	32,541	23,534	42,582	2.6
West . . . . .	2,241	4,343	1,834	3,639	3,585	7,043	3,730	7,730	13,000	25,045	3.4
Census Division											
New England . . . . .	156	500	597	1,722	730	1,865	1,028	3,010	2,932	8,343	6.9
Middle Atlantic . . . . .	630	2,026	892	2,645	2,148	5,929	4,211	12,715	9,246	26,741	4.6
East North Central . . . . .	389	1,092	984	2,450	3,079	6,746	5,532	13,473	12,039	28,134	7.1
West North Central . . . . .	389	1,029	489	1,280	1,264	3,252	3,774	9,466	5,423	13,339	9.2
South Atlantic . . . . .	2,934	6,160	1,706	3,079	7,212	12,852	7,039	15,450	11,325	21,932	4.4
East South Central . . . . .	1,431	2,847	891	1,628	3,168	5,745	4,081	7,768	5,085	9,261	7.2
West South Central . . . . .	918	2,126	528	794	1,328	2,503	5,593	9,323	7,124	11,389	5.7
Mountain . . . . .	528	933	352	592	823	1,404	914	1,826	3,390	6,117	7.8
Pacific . . . . .	1,713	3,410	1,482	3,048	2,762	5,638	2,816	5,904	9,610	18,927	4.6
Type of Home											
Mobile Home . . . . .	842	757	457	335	2,532	2,226	2,313	2,058	4,187	3,693	10.5
Single-Family											
Detached . . . . .	6,624	13,107	6,877	14,994	18,097	36,563	28,884	62,100	54,555	114,199	2.3
Single-Family											
Attached . . . . .	659	1,163	198	414	801	1,483	1,676	3,401	3,000	5,846	14.6
2 to 4 Units . . . . .	651	1,493	352	1,058	800	2,373	1,577	5,118	3,480	10,507	7.5
5 or More Units . . . . .	311	3,602	38	435	285	3,290	537	6,257	953	9,939	9.2
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	1,411	1,090	1,196	893	4,542	3,481	4,653	3,633	10,236	7,884	6.8
1,001 to 2,000 . . . . .	4,212	6,140	2,894	4,166	9,117	13,341	13,968	20,545	25,913	38,104	3.3
2,001 to 5,000 . . . . .	3,143	9,011	3,573	10,157	8,281	23,755	15,167	43,739	27,861	79,655	3.5
5,001 to 10,000 . . . . .	199	1,275	229	1,503	453	2,870	956	6,180	1,816	11,645	10.4
10,001 to 25,000 . . . . .	97	1,306	26	369	98	1,364	208	2,756	296	3,946	15.4
25,001 to 50,000 . . . . .	17	608	Q	Q	15	523	21	739	34	1,182	30.6
50,001 to 100,000 . . . . .	Q	Q	Q	Q	Q	Q	11	753	14	986	31.8
100,001 to 200,000 . . . . .	Q	Q	*	*	Q	Q	3	362	3	434	29.8
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	1	227	1	346	53.7
Year Constructed											
1939 or Before . . . . .	760	1,618	2,170	5,605	4,821	10,392	7,194	18,013	18,995	44,342	5.5
1940 to 1949 . . . . .	431	613	1,019	1,988	2,087	3,742	3,227	6,165	6,048	11,133	8.4
1950 to 1959 . . . . .	871	1,319	1,516	3,088	2,919	5,467	6,387	12,685	11,671	23,300	5.5
1960 to 1969 . . . . .	1,570	3,680	1,390	2,885	3,872	7,384	7,576	16,884	12,514	26,659	5.8
1970 to 1979 . . . . .	4,639	11,291	1,600	3,189	7,788	16,958	9,801	23,596	15,442	35,688	5.4
1980 to 1981 . . . . .	818	1,601	227	481	1,028	1,992	804	1,591	1,505	3,060	14.3

\* = 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 R7.81. End Uses for Natural Gas and Fuel Oil Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1981**

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.)	
	RSE Column Factors:												
All Buildings	38,073	82,308	2,565	5,310	36,755	81,106	29,872	65,521	8,177	22,729	3,436	11,550	5.6
Census Region													
Northeast	4,991	13,498	165	495	5,765	15,915	5,952	17,368	4,883	15,346	3,144	10,696	12.7
Midwest	12,826	31,011	730	1,894	11,890	28,894	9,132	21,838	1,537	3,557	Q	Q	8.1
South	11,459	20,632	1,148	1,896	10,192	19,032	8,720	15,475	1,377	2,923	Q	Q	11.9
West	8,797	17,166	523	1,024	8,908	17,265	6,067	10,839	379	903	Q	Q	9.7
Census Division													
New England	757	2,096	51	186	979	2,857	870	2,499	1,441	4,337	1,036	3,300	16.0
Middle Atlantic	4,234	11,403	114	Q	4,786	13,057	5,082	14,870	3,442	11,009	2,107	7,395	14.7
East North Central	9,162	21,890	409	1,110	8,304	20,074	6,765	15,698	1,212	2,600	Q	Q	10.7
West North Central	3,664	9,121	320	784	3,586	8,820	2,367	6,139	326	956	Q	Q	17.1
South Atlantic	3,688	8,184	Q	Q	3,095	7,440	2,750	6,391	1,195	2,634	Q	Q	22.9
East South Central	2,328	4,264	137	231	1,770	3,430	1,359	2,387	Q	Q	*	*	18.9
West South Central	5,444	8,185	762	1,172	5,327	8,162	4,611	6,698	Q	Q	Q	Q	8.6
Mountain	2,404	4,362	174	288	2,399	4,443	1,291	1,974	Q	Q	*	*	16.2
Pacific	6,393	12,804	349	736	6,509	12,822	4,776	8,866	323	814	Q	Q	10.5
Type of Home													
Mobile Home	1,277	1,198	76	94	1,067	1,006	1,125	1,018	431	318	Q	Q	26.5
Single-Family Detached	32,490	66,833	2,370	4,832	30,976	64,680	24,378	50,161	6,432	17,458	2,579	7,941	6.1
Single-Family Attached	1,737	3,294	Q	Q	1,972	3,960	1,887	3,785	536	1,185	251	467	26.3
2 to 4 Units	2,106	6,814	64	146	2,233	6,863	2,082	6,433	631	1,900	426	1,211	13.5
5 or More Units	462	4,170	19	168	508	4,597	399	4,124	147	1,868	141	1,902	17.1
Building Floorspace (square feet)													
Fewer than 1,001	4,965	3,929	361	293	4,435	3,498	4,213	3,256	863	658	168	131	14.3
1,001 to 2,000	15,585	22,961	1,077	1,608	14,731	21,764	11,823	17,397	1,967	3,117	687	1,098	8.1
2,001 to 5,000	16,359	46,400	1,053	2,931	16,409	46,501	12,839	36,434	4,790	14,193	2,212	6,796	8.0
5,001 to 10,000	1,008	6,462	65	366	1,012	6,509	859	5,557	508	3,292	322	2,068	18.9
10,001 to 25,000	144	1,826	Q	Q	156	1,970	114	1,527	34	562	30	483	25.9
25,001 to 50,000	7	227	*	*	9	312	15	537	Q	Q	Q	Q	55.8
50,001 to 100,000	Q	Q	*	*	3	207	7	447	5	310	5	354	27.0
100,001 to 200,000	Q	143	*	*	1	155	2	236	Q	Q	1	160	39.9
Over 200,000	1	Q	*	*	1	190	Q	Q	Q	Q	Q	Q	71.4
Year Constructed													
1939 or Before	11,360	25,883	807	1,928	11,362	26,821	10,481	24,660	3,357	9,670	1,333	4,317	9.7
1940 to 1949	3,773	6,634	359	597	3,406	6,054	3,109	5,487	845	2,216	326	1,061	14.9
1950 to 1959	8,042	15,635	512	908	7,770	15,139	6,180	12,459	1,603	4,433	708	2,355	10.0
1960 to 1969	7,927	16,736	551	1,100	7,676	16,685	5,525	11,914	1,232	3,434	473	1,841	10.9
1970 to 1979	6,521	16,398	323	760	6,133	15,493	4,340	10,500	1,115	2,917	586	1,936	12.8
1980 to 1981	449	1,023	Q	Q	408	913	237	500	Q	Q	Q	Q	38.2

\* = 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 R8.81p. Total and Average Primary Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	1.5	1.4	1.5	1.5	0.8	0.9	0.9	0.6	0.6	
All Buildings . . . . .	144,201	14,283	103,512	83,016	99.05	0.72	0.58	7.25	5.81	1.2
Census Region										
Northeast . . . . .	35,083	3,179	30,517	24,475	90.60	0.87	0.70	9.60	7.70	1.8
Midwest . . . . .	41,473	4,245	27,358	21,941	102.36	0.66	0.53	6.44	5.17	2.4
South . . . . .	42,589	4,485	31,209	25,030	105.30	0.73	0.59	6.96	5.58	2.7
West . . . . .	25,055	2,374	14,428	11,571	94.75	0.58	0.46	6.08	4.87	2.4
Census Division										
New England . . . . .	8,343	716	7,358	5,901	85.82	0.88	0.71	10.28	8.24	3.3
Middle Atlantic . . . . .	26,741	2,463	23,159	18,574	92.09	0.87	0.69	9.40	7.54	2.3
East North Central . . . . .	28,134	2,975	19,409	15,566	105.74	0.69	0.55	6.52	5.23	3.5
West North Central . . . . .	13,339	1,270	7,949	6,375	95.24	0.60	0.48	6.26	5.02	4.9
South Atlantic . . . . .	21,940	2,095	15,922	12,770	95.48	0.73	0.58	7.60	6.10	4.4
East South Central . . . . .	9,261	1,047	6,226	4,993	113.06	0.67	0.54	5.95	4.77	4.0
West South Central . . . . .	11,389	1,343	9,062	7,267	117.91	0.80	0.64	6.75	5.41	3.6
Mountain . . . . .	6,128	631	3,787	3,037	102.92	0.62	0.50	6.00	4.82	4.7
Pacific . . . . .	18,927	1,743	10,641	8,534	92.11	0.56	0.45	6.10	4.90	3.2
Type of Home										
Mobile Home . . . . .	3,695	598	4,422	3,547	161.81	1.20	0.96	7.40	5.93	5.2
Single-Family										
Detached . . . . .	14,212	10,662	74,206	59,513	93.35	0.65	0.52	6.96	5.58	1.6
Single-Family										
Attached . . . . .	5,848	479	3,855	3,092	81.87	0.66	0.53	8.05	6.46	8.1
2 to 4 Units . . . . .	10,507	1,278	10,249	8,220	121.61	0.98	0.78	8.02	6.43	3.7
5 or More Units . . . . .	9,939	1,266	10,779	8,645	127.37	1.08	0.87	8.51	6.83	4.7
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,903	1,323	9,438	7,570	167.45	1.19	0.96	7.13	5.72	3.4
1,001 to 2,000 . . . . .	38,104	4,603	32,053	25,707	120.79	0.84	0.67	6.96	5.59	2.2
2,001 to 5,000 . . . . .	79,655	6,694	48,411	38,826	84.04	0.61	0.49	7.23	5.80	1.9
5,001 to 10,000 . . . . .	11,645	880	6,621	5,310	75.58	0.57	0.46	7.52	6.03	5.0
10,001 to 25,000 . . . . .	3,946	419	3,338	2,678	106.23	0.85	0.68	7.96	6.39	7.1
25,001 to 50,000 . . . . .	1,182	152	1,498	1,202	128.90	1.27	1.02	9.84	7.89	14.1
50,001 to 100,000 . . . . .	986	107	1,099	881	109.00	1.11	0.89	10.23	8.20	15.2
100,001 to 200,000 . . . . .	434	61	617	495	139.98	1.42	1.14	10.17	8.16	15.8
Over 200,000 . . . . .	346	43	Q	Q	123.12	1.26	1.01	10.20	8.18	26.9
Year Constructed										
1939 or Before . . . . .	44,357	4,205	31,996	25,660	94.79	0.72	0.58	7.61	6.10	2.7
1940 to 1949 . . . . .	11,133	1,165	8,368	6,711	104.63	0.75	0.60	7.18	5.76	4.1
1950 to 1959 . . . . .	23,300	2,322	16,411	13,161	99.66	0.70	0.56	7.07	5.67	2.8
1960 to 1969 . . . . .	26,662	2,832	20,572	16,498	106.21	0.77	0.62	7.26	5.83	3.1
1970 to 1979 . . . . .	35,688	3,469	24,245	19,445	97.20	0.68	0.54	6.99	5.61	2.9
1980 to 1981 . . . . .	3,060	291	1,921	1,540	94.98	0.63	0.50	6.61	5.30	7.4

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 R8.81s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	1.4	1.4	1.3	1.3	1.0	0.8	0.8	0.7	0.7	
All Buildings . . . . .	144,201	9,288	103,512	83,016	64.41	0.72	0.58	11.14	8.94	1.4
Census Region										
Northeast . . . . .	35,083	2,359	30,517	24,475	67.25	0.87	0.70	12.93	10.37	2.2
Midwest . . . . .	41,473	3,095	27,358	21,941	74.62	0.66	0.53	8.84	7.09	2.4
South . . . . .	42,589	2,410	31,209	25,030	56.59	0.73	0.59	12.95	10.39	3.2
West . . . . .	25,055	1,424	14,428	11,571	56.85	0.58	0.46	10.13	8.12	2.4
Census Division										
New England . . . . .	8,343	528	7,358	5,901	63.33	0.88	0.71	13.93	11.17	3.6
Middle Atlantic . . . . .	26,741	1,831	23,159	18,574	68.47	0.87	0.69	12.65	10.14	2.8
East North Central . . . . .	28,134	2,227	19,409	15,566	79.17	0.69	0.55	8.71	6.99	3.3
West North Central . . . . .	13,339	867	7,949	6,375	65.01	0.60	0.48	9.17	7.35	5.2
South Atlantic . . . . .	21,940	1,112	15,922	12,770	50.70	0.73	0.58	14.31	11.48	5.5
East South Central . . . . .	9,261	524	6,226	4,993	56.63	0.67	0.54	11.87	9.52	4.6
West South Central . . . . .	11,389	773	9,062	7,267	67.91	0.80	0.64	11.72	9.40	4.5
Mountain . . . . .	6,128	406	3,787	3,037	66.22	0.62	0.50	9.33	7.48	4.4
Pacific . . . . .	18,927	1,019	10,641	8,534	53.81	0.56	0.45	10.45	8.38	3.2
Type of Home										
Mobile Home . . . . .	3,695	339	4,422	3,547	91.67	1.20	0.96	13.05	10.47	6.3
Single-Family										
Detached . . . . .	114,212	6,906	74,206	59,513	60.47	0.65	0.52	10.74	8.62	1.8
Single-Family										
Attached . . . . .	5,848	322	3,855	3,092	55.07	0.66	0.53	11.97	9.60	9.0
2 to 4 Units . . . . .	10,507	924	10,249	8,220	87.91	0.98	0.78	11.10	8.90	3.8
5 or More Units . . . . .	9,939	798	10,779	8,645	80.26	1.08	0.87	13.51	10.84	5.2
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,903	816	9,438	7,570	103.27	1.19	0.96	11.57	9.28	3.9
1,001 to 2,000 . . . . .	38,104	2,864	32,053	25,707	75.16	0.84	0.67	11.19	8.98	2.3
2,001 to 5,000 . . . . .	79,655	4,510	48,411	38,826	56.62	0.61	0.49	10.73	8.61	2.1
5,001 to 10,000 . . . . .	11,645	614	6,621	5,310	52.74	0.57	0.46	10.78	8.65	5.2
10,001 to 25,000 . . . . .	3,946	254	3,338	2,677	64.28	0.85	0.68	13.16	10.56	8.4
25,001 to 50,000 . . . . .	1,182	88	1,498	1,202	74.72	1.27	1.02	16.97	13.61	16.4
50,001 to 100,000 . . . . .	986	71	1,099	881	72.45	1.11	0.89	15.38	12.34	18.1
100,001 to 200,000 . . . . .	434	41	617	495	94.27	1.42	1.14	15.10	12.11	18.8
Over 200,000 . . . . .	346	30	Q	Q	85.33	1.26	1.01	14.72	11.80	29.4
Year Constructed										
1939 or Before . . . . .	44,357	3,126	31,996	25,660	70.48	0.72	0.58	10.23	8.21	3.0
1940 to 1949 . . . . .	11,133	784	8,368	6,711	70.40	0.75	0.60	10.68	8.56	4.3
1950 to 1959 . . . . .	23,300	1,578	16,411	13,161	67.74	0.70	0.56	10.40	8.34	3.1
1960 to 1969 . . . . .	26,662	1,808	20,572	16,498	67.81	0.77	0.62	11.38	9.13	3.4
1970 to 1979 . . . . .	35,688	1,862	24,245	19,445	52.17	0.68	0.54	13.02	10.44	3.2
1980 to 1981 . . . . .	3,060	130	1,921	1,540	42.55	0.63	0.50	14.75	11.83	8.4

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 R9.81p. Total and Average Primary Consumption and Expenditures for Electricity in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	1.2	1.5	1.3	1.3	1.1	0.9	0.9	0.6	0.6	
All Buildings . . . . .	144,183	7,414	55,855	44,796	51.42	0.39	0.31	7.53	6.04	1.7
Census Region										
Northeast . . . . .	35,083	1,216	12,549	10,064	34.66	0.36	0.29	10.32	8.28	3.3
Midwest . . . . .	41,473	1,708	12,473	10,003	41.19	0.30	0.24	7.30	5.86	3.6
South . . . . .	42,582	3,080	21,641	17,356	72.32	0.51	0.41	7.03	5.64	2.8
West . . . . .	25,045	1,410	9,193	7,372	56.29	0.37	0.29	6.52	5.23	3.4
Census Division										
New England . . . . .	8,343	278	2,825	2,265	33.38	0.34	0.27	10.14	8.14	4.7
Middle Atlantic . . . . .	26,741	938	9,724	7,799	35.06	0.36	0.29	10.37	8.32	4.0
East North Central . . . . .	28,134	1,110	8,406	6,742	39.45	0.30	0.24	7.57	6.07	5.4
West North Central . . . . .	13,339	598	4,067	32,622	44.87	0.30	0.24	6.80	5.45	5.8
South Atlantic . . . . .	21,932	1,458	10,793	8,656	66.49	0.49	0.39	7.40	5.94	4.9
East South Central . . . . .	9,261	776	4,627	3,711	83.77	0.50	0.40	5.96	4.78	4.8
West South Central . . . . .	11,389	845	6,220	4,989	74.24	0.55	0.44	7.36	5.90	4.5
Mountain . . . . .	6,117	334	2,203	1,767	54.57	0.36	0.29	6.60	5.29	9.6
Pacific . . . . .	18,927	1,076	6,990	5,606	56.84	0.37	0.30	6.50	5.21	4.0
Type of Home										
Mobile Home . . . . .	3,693	385	2,684	2,153	104.20	0.73	0.58	6.98	5.60	6.3
Single-Family										
Detached . . . . .	14,199	5,576	40,721	32,658	48.82	0.36	0.29	7.30	5.86	2.1
Single-Family										
Attached . . . . .	5,846	233	1,988	1,594	39.79	0.34	0.27	8.55	6.85	10.8
2 to 4 Units . . . . .	10,507	526	4,521	3,626	50.02	0.43	0.35	8.60	6.90	4.6
5 or More Units . . . . .	9,939	695	5,942	4,765	69.94	0.60	0.48	8.55	6.85	4.9
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,884	753	5,480	4,395	95.49	0.70	0.56	7.28	5.84	3.6
1,001 to 2,000 . . . . .	38,104	2,581	18,811	15,086	67.73	0.49	0.40	7.29	5.85	2.5
2,001 to 5,000 . . . . .	79,655	3,242	24,545	19,685	40.70	0.31	0.25	7.57	6.07	2.6
5,001 to 10,000 . . . . .	11,645	395	3,072	2,464	33.91	0.26	0.21	7.78	6.24	5.7
10,001 to 25,000 . . . . .	3,946	246	1,951	1,565	62.27	0.49	0.40	7.94	6.37	9.6
25,001 to 50,000 . . . . .	1,182	95	924	741	80.43	0.78	0.63	9.72	7.79	17.2
50,001 to 100,000 . . . . .	986	53	559	448	54.25	0.57	0.45	10.45	8.38	17.8
100,001 to 200,000 . . . . .	434	29	313	251	67.86	0.72	0.58	10.65	8.54	22.3
Over 200,000 . . . . .	346	19	201	161	56.11	0.58	0.47	10.34	8.29	34.4
Year Constructed										
1939 or Before . . . . .	44,342	1,601	13,067	10,479	36.10	0.29	0.24	8.16	6.55	3.1
1940 to 1949 . . . . .	11,133	566	4,246	3,405	50.82	0.38	0.31	7.50	6.02	5.3
1950 to 1959 . . . . .	23,300	1,104	8,491	6,810	47.38	0.36	0.29	7.69	6.17	3.2
1960 to 1969 . . . . .	26,659	1,520	11,667	9,357	57.00	0.44	0.35	7.68	6.16	3.6
1970 to 1979 . . . . .	35,688	2,385	16,785	13,462	66.84	0.47	0.38	7.04	5.64	3.4
1980 to 1981 . . . . .	3,060	238	1,599	1,283	77.84	0.52	0.42	6.71	5.38	8.3

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 R9.81s. Total and Average Site Consumption and Expenditures for Electricity in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	1.2	1.5	1.3	1.3	1.1	0.9	0.9	0.6	0.6	
All Buildings . . . . .	144,183	2,420	55,855	44,796	16.78	0.39	0.31	23.08	18.51	1.7
Census Region										
Northeast . . . . .	35,083	397	12,549	10,064	11.31	0.36	0.29	31.62	25.36	3.3
Midwest . . . . .	41,473	558	12,473	10,003	13.44	0.30	0.24	22.37	17.94	3.6
South . . . . .	42,582	1,005	21,641	17,356	23.60	0.51	0.41	21.53	17.27	2.8
West . . . . .	25,045	460	9,193	7,372	18.37	0.37	0.29	19.98	16.02	3.4
Census Division										
New England . . . . .	8,343	91	2,825	2,265	10.89	0.34	0.27	31.08	24.93	4.7
Middle Atlantic . . . . .	26,741	306	9,724	7,799	11.44	0.36	0.29	31.78	25.49	4.0
East North Central . . . . .	28,134	362	8,406	6,742	12.88	0.30	0.24	23.20	18.61	5.4
West North Central . . . . .	13,339	195	4,067	3,262	14.64	0.30	0.24	20.82	16.70	5.8
South Atlantic . . . . .	21,932	476	10,793	8,656	21.70	0.49	0.39	22.68	18.19	4.9
East South Central . . . . .	9,261	253	4,627	3,711	27.34	0.50	0.40	18.27	14.66	4.8
West South Central . . . . .	11,389	276	6,220	4,989	24.23	0.55	0.44	22.54	18.08	4.5
Mountain . . . . .	6,117	109	2,203	1,767	17.81	0.36	0.29	20.22	16.21	9.6
Pacific . . . . .	18,927	351	6,990	5,606	18.55	0.37	0.30	19.91	15.96	4.0
Type of Home										
Mobile Home . . . . .	3,693	126	2,684	2,153	34.01	0.73	0.58	21.38	17.14	6.3
Single-Family										
Detached . . . . .	114,199	1,820	40,721	32,658	15.93	0.36	0.29	22.38	17.95	2.1
Single-Family										
Attached . . . . .	5,846	76	1,988	1,594	12.99	0.34	0.27	26.18	21.00	10.8
2 to 4 Units . . . . .	10,507	172	4,521	3,626	16.33	0.43	0.35	26.36	21.14	4.6
5 or More Units . . . . .	9,939	227	5,942	4,765	22.83	0.60	0.48	26.19	21.00	4.9
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,884	246	5,480	4,395	31.17	0.70	0.56	22.30	17.89	3.6
1,001 to 2,000 . . . . .	38,104	842	18,811	15,086	22.11	0.49	0.40	22.33	17.91	2.5
2,001 to 5,000 . . . . .	79,655	1,058	24,545	19,685	13.28	0.31	0.25	23.20	18.60	2.6
5,001 to 10,000 . . . . .	11,645	129	3,072	2,464	11.07	0.26	0.21	23.84	19.12	5.7
10,001 to 25,000 . . . . .	3,946	80	1,951	1,565	20.32	0.49	0.40	24.33	19.51	9.6
25,001 to 50,000 . . . . .	1,182	31	924	741	26.25	0.78	0.63	29.78	23.88	17.2
50,001 to 100,000 . . . . .	986	17	559	448	17.70	0.57	0.45	32.01	25.67	17.8
100,001 to 200,000 . . . . .	434	10	313	251	22.15	0.72	0.58	32.62	26.16	22.3
Over 200,000 . . . . .	346	6	201	161	18.31	0.58	0.47	31.69	25.41	7.2
Year Constructed										
1939 or Before . . . . .	44,342	522	13,067	10,479	11.78	0.29	0.24	25.01	20.06	3.1
1940 to 1949 . . . . .	11,133	185	4,246	3,405	16.58	0.38	0.31	22.99	18.44	5.3
1950 to 1959 . . . . .	23,300	360	8,491	6,810	15.46	0.36	0.29	23.57	18.90	3.2
1960 to 1969 . . . . .	26,659	496	11,667	9,357	18.60	0.44	0.35	23.52	18.87	3.6
1970 to 1979 . . . . .	35,688	779	16,785	13,462	21.81	0.47	0.38	21.56	17.29	3.4
1980 to 1981 . . . . .	3,060	78	1,599	1,283	25.41	0.52	0.42	20.57	16.50	8.3

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 R10.81. Total and Average Consumption and Expenditures for Natural Gas in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	1.6	1.7	1.6	1.6	1.0	0.9	0.9	0.4	0.4	
All Buildings . . . . .	92,768	5,273	29,959	24,027	56.84	0.32	0.26	5.68	4.56	2.1
Census Region										
Northeast . . . . .	20,232	1,007	7,258	5,821	49.75	0.36	0.29	7.21	5.78	6.4
Midwest . . . . .	31,952	2,223	11,581	9,288	69.58	0.36	0.29	5.21	4.18	3.1
South . . . . .	22,242	1,148	6,632	5,319	51.62	0.30	0.24	5.78	4.63	4.9
West . . . . .	18,341	895	4,488	3,599	48.80	0.24	0.20	5.01	4.02	2.8
Census Division										
New England . . . . .	3,345	169	1,498	1,202	50.53	0.45	0.36	8.86	7.11	8.1
Middle Atlantic . . . . .	16,888	838	5,760	4,619	49.60	0.34	0.27	6.88	5.52	7.4
East North Central . . . . .	22,241	1,667	8,836	7,086	74.94	0.40	0.32	5.30	4.25	3.4
West North Central . . . . .	9,711	556	2,745	2,202	57.30	0.28	0.23	4.93	3.96	6.6
South Atlantic . . . . .	9,142	448	2,929	2,349	48.98	0.32	0.26	6.54	5.25	7.5
East South Central . . . . .	4,365	236	1,216	975	54.02	0.28	0.22	5.15	4.13	5.1
West South Central . . . . .	8,735	465	2,488	1,995	53.19	0.28	0.23	5.35	4.29	6.0
Mountain . . . . .	4,654	278	1,397	1,120	59.78	0.30	0.24	5.02	4.03	5.2
Pacific . . . . .	13,687	617	3,091	2,479	45.07	0.23	0.18	5.01	4.02	3.1
Type of Home										
Mobile Home . . . . .	1,233	118	644	516	95.46	0.52	0.42	5.47	4.39	11.4
Single-Family										
Detached . . . . .	72,406	4,056	22,096	17,721	56.02	0.31	0.24	5.45	4.37	2.3
Single-Family										
Attached . . . . .	4,180	192	1,262	1,012	45.84	0.30	0.24	6.59	5.28	8.4
2 to 4 Units . . . . .	8,494	579	3,795	3,044	68.11	0.45	0.36	6.57	5.26	5.1
5 or More Units . . . . .	6,455	329	2,162	1,734	50.95	0.33	0.27	5.41	5.27	6.8
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	4,196	428	2,316	1,858	101.95	0.55	0.44	5.41	4.34	4.7
1,001 to 2,000 . . . . .	24,903	1,653	9,142	7,332	66.38	0.37	0.29	5.53	4.44	2.6
2,001 to 5,000 . . . . .	51,255	2,671	15,261	12,239	52.10	0.30	0.24	5.71	4.58	3.0
5,001 to 10,000 . . . . .	8,202	346	2,007	1,609	42.18	0.24	0.20	5.80	4.65	6.8
10,001 to 25,000 . . . . .	2,420	114	734	589	47.30	0.30	0.24	6.41	5.14	9.0
25,001 to 50,000 . . . . .	646	23	191	153	34.97	0.30	0.24	8.45	6.78	30.1
50,001 to 100,000 . . . . .	525	17	135	108	32.98	0.26	0.21	7.78	6.24	28.4
100,001 to 200,000 . . . . .	337	11	78	63	32.12	0.23	0.19	7.23	5.80	28.2
Over 200,000 . . . . .	285	11	95	76	37.37	0.33	0.27	8.94	7.17	35.2
Year Constructed										
1939 or Before . . . . .	31,575	1,893	11,063	8,873	59.94	0.35	0.28	5.85	4.69	3.5
1940 to 1949 . . . . .	7,498	466	2,635	2,113	62.12	0.35	0.28	5.66	4.54	4.5
1950 to 1959 . . . . .	17,047	977	5,241	4,203	57.32	0.31	0.25	5.36	4.30	4.1
1960 to 1969 . . . . .	18,243	1,049	6,007	4,818	57.49	0.33	0.26	5.73	4.59	4.0
1970 to 1979 . . . . .	17,306	844	4,770	3,825	48.77	0.28	0.22	5.65	4.53	4.5
1980 to 1981 . . . . .	1,099	45	243	195	40.91	0.22	0.18	5.40	4.33	14.1

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 1981 Residential Energy Consumption Survey.

**Table R11.81. Total and Average Consumption and Expenditures for Fuel Oil<sup>1</sup> in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	2.4	2.4	2.4	2.4	1.6	1.6	1.6	0.1	0.1	
All Buildings . . . . .	28,875	1,281	14,199	11,387	44.38	0.49	0.39	11.08	8.89	2.1
Census Region										
Northeast . . . . .	17,979	925	10,287	8,250	51.46	0.57	0.46	11.12	8.92	2.4
Midwest . . . . .	5,070	185	2,013	1,614	36.52	0.40	0.32	10.87	8.72	6.2
South . . . . .	4,654	140	1,554	1,247	29.97	0.33	0.27	11.14	8.94	9.5
West . . . . .	1,171	32	344	276	26.93	0.29	0.24	10.91	8.75	7.7
Census Division										
New England . . . . .	5,136	258	2,890	2,318	50.23	0.56	0.45	11.20	8.98	3.2
Middle Atlantic . . . . .	12,842	667	7,397	5,933	51.95	0.58	0.46	11.09	8.89	3.0
East North Central . . . . .	3,800	134	1,465	1,175	35.36	0.39	0.31	10.90	8.74	8.0
West North Central . . . . .	1,270	51	548	440	39.98	0.43	0.35	10.79	8.66	13.4
South Atlantic . . . . .	4,165	124	1,382	1,108	29.68	0.33	0.27	11.18	8.96	10.6
East South Central . . . . .	464	14	157	126	31.19	0.34	0.27	10.85	8.70	16.7
West South Central . . . . .	Q	Q	Q	Q	Q	Q	Q	11.05	8.86	0.0
Mountain . . . . .	Q	Q	Q	Q	Q	Q	Q	10.72	8.60	20.7
Pacific . . . . .	1,014	28	304	244	27.45	0.30	0.24	10.93	8.77	8.0
Type of Home										
Mobile Home . . . . .	529	37	420	337	69.81	0.80	0.64	11.39	9.14	9.3
Single-Family										
Detached . . . . .	22,712	781	8,647	6,935	34.39	0.38	0.31	11.07	8.88	2.5
Single-Family										
Attached . . . . .	1,364	54	602	483	39.82	0.44	0.35	11.09	8.89	17.4
2 to 4 Units . . . . .	2,121	167	1,855	1,488	78.85	0.87	0.70	11.09	8.90	6.8
5 or More Units . . . . .	2,149	242	2,674	2,145	112.53	1.24	1.00	11.06	8.87	5.5
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	1,030	75	847	679	72.80	0.82	0.66	11.30	9.06	6.5
1,001 to 2,000 . . . . .	4,594	240	2,674	2,144	52.34	0.58	0.47	11.12	8.92	6.6
2,001 to 5,000 . . . . .	17,946	669	7,402	5,936	37.29	0.41	0.33	11.06	8.87	2.8
5,001 to 10,000 . . . . .	3,625	135	1,486	1,192	37.17	0.41	0.33	11.03	8.84	6.0
10,001 to 25,000 . . . . .	656	58	636	510	87.72	0.97	0.78	11.07	8.88	10.4
25,001 to 50,000 . . . . .	Q	Q	Q	Q	98.93	1.09	0.88	11.06	8.87	3.6
50,001 to 100,000 . . . . .	377	37	406	325	97.25	1.08	0.86	11.06	8.87	17.5
100,001 to 200,000 . . . . .	160	20	226	181	127.55	1.41	1.13	11.04	8.86	9.0
Over 200,000 . . . . .	Q	Q	Q	Q	92.04	1.02	0.82	11.05	8.86	16.5
Year Constructed										
1939 or Before . . . . .	12,351	580	6,442	5,167	46.95	0.52	0.42	11.11	8.91	3.8
1940 to 1949 . . . . .	2,545	115	1,266	1,015	45.14	0.50	0.40	11.02	8.84	5.6
1950 to 1959 . . . . .	5,333	223	2,456	1,970	41.72	0.46	0.37	11.04	8.85	4.5
1960 to 1969 . . . . .	4,067	215	2,378	1,907	52.91	0.58	0.47	11.05	8.86	3.7
1970 to 1979 . . . . .	4,489	147	1,631	1,308	32.65	0.36	0.29	11.13	8.92	5.7
1980 to 1981 . . . . .	Q	Q	Q	Q	25.59	0.28	0.23	11.02	8.84	14.9

<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 1981 Residential Energy Consumption Survey.

**Table R12A.81p. Total Primary Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1981**

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	0.8	0.9	1.5	1.6			2.2	2.5	
All Buildings . . . . .		66,196	14,283	66,174	7,414	41,636	5,273	11,062	1,281			7,224	314	3.3
Census Region														
Northeast . . . . .		12,178	3,179	12,178	1,216	6,900	1,007	5,897	925			1,067	31	7.4
Midwest . . . . .		17,462	4,245	17,462	1,708	13,081	2,223	2,151	185			2,065	129	5.6
South . . . . .		23,534	4,485	23,534	3,080	12,216	1,148	2,510	139			3,380	117	6.7
West . . . . .		13,022	2,374	13,000	1,410	9,438	895	504	32			711	38	7.2
Census Division														
New England . . . . .		2,932	716	2,932	278	1,123	169	1,747	258			413	Q	10.1
Middle Atlantic . . . . .		9,246	2,463	9,246	938	5,776	838	4,150	667			653	Q	8.3
East North Central . . . . .		12,039	2,975	12,039	1,110	9,251	1,667	1,708	134			1,161	64	9.5
West North Central . . . . .		5,423	1,270	5,423	598	3,830	556	443	51			905	65	13.3
South Atlantic . . . . .		11,325	2,095	11,325	1,458	4,099	448	2,219	124			2,129	65	10.0
East South Central . . . . .		5,085	1,047	5,085	776	2,395	236	262	14			585	21	12.2
West South Central . . . . .		7,124	1,343	7,124	845	5,722	465	Q	Q			666	31	9.4
Mountain . . . . .		3,411	631	3,390	334	2,569	278	Q	Q			218	Q	13.8
Pacific . . . . .		9,610	1,743	9,610	1,076	6,870	617	421	28			493	23	8.5
Type of Home														
Mobile Home . . . . .		4,198	598	4,187	385	1,319	118	714	37			1,752	59	14.4
Single-Family														
Detached . . . . .		54,561	10,662	54,555	5,576	34,812	4,056	8,913	781			5,380	249	4.0
Single-Family														
Attached . . . . .		3,005	479	3,000	233	2,128	192	596	54			Q	Q	21.5
2 to 4 Units . . . . .		3,480	1,278	3,480	526	2,738	579	670	167			65	Q	11.2
5 or More Units . . . . .		953	1,266	953	695	639	329	169	242			Q	Q	12.3
Building Floorspace (square feet)														
Fewer than 1,001 . . . . .		10,257	1,323	10,236	753	5,329	428	1,369	75			2,359	68	9.2
1,001 to 2,000 . . . . .		25,913	4,603	25,913	2,581	16,814	1,653	2,990	240			2,632	128	5.9
2,001 to 5,000 . . . . .		27,861	6,694	27,861	3,242	18,007	2,671	6,089	669			2,090	112	5.5
5,001 to 10,000 . . . . .		1,816	880	1,816	395	1,271	346	557	135			133	5	13.4
10,001 to 25,000 . . . . .		296	419	296	246	185	114	41	58			Q	Q	21.0
25,001 to 50,000 . . . . .		34	152	34	95	18	23	Q	Q			Q	Q	45.6
50,001 to 100,000 . . . . .		14	107	14	53	8	17	6	37			*	*	32.2
100,001 to 200,000 . . . . .		3	61	3	29	3	11	1	20			*	*	28.8
Over 200,000 . . . . .		1	43	1	19	1	11	Q	Q			*	*	69.2
Year Constructed														
1939 or Before . . . . .		19,005	4,205	18,995	1,601	13,216	1,893	4,378	580			2,477	131	7.1
1940 to 1949 . . . . .		6,048	1,165	6,048	566	4,214	466	1,054	115			474	18	11.3
1950 to 1959 . . . . .		11,671	2,322	11,671	1,104	8,496	977	2,094	223			690	19	8.0
1960 to 1969 . . . . .		12,525	2,832	12,514	1,520	8,318	1,049	1,616	215			1,265	48	8.0
1970 to 1979 . . . . .		15,442	3,469	15,442	2,385	6,914	844	1,868	147			2,189	93	8.0
1980 to 1981 . . . . .		1,505	291	1,505	238	478	45	51	Q			128	5	22.0

<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 1981 Residential Energy Consumption Survey.

**Table R12A.81s. Total Site Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1981**

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	0.6	0.5	0.7	0.8	0.9	1.5	1.5			2.2	2.4	
All Buildings	66,196	9,288	66,174	2,420	41,636	5,273	11,062	1,281			7,224	314	3.4
Census Region													
Northeast	12,178	2,359	12,178	397	6,900	1,007	5,897	925			1,067	31	7.7
Midwest	17,462	3,095	17,462	558	13,081	2,223	2,151	185			2,065	129	5.7
South	23,534	2,410	23,534	1,005	12,216	1,148	2,510	139			3,380	117	6.9
West	13,022	1,424	13,000	460	9,438	895	504	32			711	38	7.3
Census Division													
New England	2,932	528	2,932	91	1,123	169	1,747	258			413	Q	10.3
Middle Atlantic	9,246	1,831	9,246	306	5,776	838	4,150	667			653	Q	8.7
East North Central	12,039	2,227	12,039	362	9,251	1,667	1,708	134			1,161	64	9.4
West North Central	5,423	867	5,423	195	3,830	556	443	51			905	65	13.4
South Atlantic	11,325	1,112	11,325	476	4,099	448	2,219	124			2,129	65	10.6
East South Central	5,085	524	5,085	253	2,395	236	262	14			585	21	12.5
West South Central	7,124	773	7,124	276	5,722	465	Q	Q			666	31	9.1
Mountain	3,411	406	3,390	109	2,569	278	Q	Q			218	Q	13.3
Pacific	9,610	1,019	9,610	351	6,870	617	421	28			493	23	8.6
Type of Home													
Mobile Home	4,198	339	4,187	126	1,319	118	714	37			1,752	59	14.5
Single-Family													
Detached	54,561	6,906	54,555	1,820	34,812	4,056	8,913	781			5,380	249	4.0
Single-Family													
Attached	3,005	322	3,000	76	2,128	192	596	54			Q	Q	21.7
2 to 4 Units	3,480	924	3,480	172	2,738	579	670	167			65	Q	11.3
5 or More Units	953	798	953	227	639	329	169	242			Q	Q	12.6
Building Floorspace (square feet)													
Fewer than 1,001	10,257	816	10,236	246	5,329	428	1,369	75			2,359	68	9.3
1,001 to 2,000	25,913	2,864	25,913	842	16,814	1,653	2,990	240			2,632	128	5.9
2,001 to 5,000	27,861	4,510	27,861	1,058	18,007	2,671	6,089	669			2,090	112	5.5
5,001 to 10,000	1,816	614	1,816	129	1,271	346	557	135			133	5	13.5
10,001 to 25,000	296	254	296	80	185	114	41	58			Q	Q	20.9
25,001 to 50,000	34	88	34	31	18	23	Q	Q			Q	Q	46.5
50,001 to 100,000	14	71	14	17	8	17	6	37			*	*	32.3
100,001 to 200,000	3	41	3	10	3	11	1	20			*	*	27.6
Over 200,000	1	30	1	6	1	11	Q	Q			*	*	74.0
Year Constructed													
1939 or Before	19,005	3,126	18,995	522	13,216	1,893	4,378	580			2,477	131	7.1
1940 to 1949	6,048	784	6,048	185	4,214	466	1,054	115			474	18	11.2
1950 to 1959	11,671	1,578	11,671	360	8,496	977	2,094	223			690	19	8.0
1960 to 1969	12,525	1,808	12,514	496	8,318	1,049	1,616	215			1,265	48	8.0
1970 to 1979	15,442	1,862	15,442	779	6,914	844	1,868	147			2,189	93	8.1
1980 to 1981	1,505	130	1,505	78	478	45	51	Q			128	5	22.1

<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 1981 Residential Energy Consumption Survey.



**Table R12B.81p. Total Primary Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1981**

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	0.8	0.9	1.5	1.5			2.3	2.4	
RSE Column Factors:	0.5	0.5	0.5	0.7	0.8	0.9	1.5	1.5			2.3	2.4	
All Buildings . . . . .	144,191	14,283	144,183	7,414	92,768	5,273	28,875	1,281			12,151	314	3.4
Census Region													
Northeast . . . . .	35,083	3,179	35,083	1,216	20,232	1,007	17,979	925			2,694	31	7.0
Midwest . . . . .	41,473	4,245	41,473	1,708	31,952	2,223	5,070	185			3,981	129	5.8
South . . . . .	42,582	4,485	42,582	3,080	22,242	1,148	4,654	139			4,371	117	7.8
West . . . . .	25,053	2,374	25,045	1,410	18,341	895	1,171	32			1,105	38	6.4
Census Division													
New England . . . . .	8,343	716	8,343	278	3,345	169	5,136	258			986	Q	10.5
Middle Atlantic . . . . .	26,741	2,463	26,741	938	16,888	838	12,842	667			1,708	Q	7.9
East North Central . . . . .	28,134	2,975	28,134	1,110	22,241	1,667	3,800	134			2,186	64	8.9
West North Central . . . . .	13,339	1,270	13,339	598	9,711	556	1,270	51			1,794	65	13.4
South Atlantic . . . . .	21,932	2,095	21,932	1,458	9,142	448	4,165	124			2,717	65	11.4
East South Central . . . . .	9,261	1,047	9,261	776	4,365	236	464	14			702	21	13.9
West South Central . . . . .	11,389	1,343	11,389	845	8,735	465	Q	Q			952	31	11.0
Mountain . . . . .	6,126	631	6,117	334	4,654	278	Q	Q			Q	Q	14.4
Pacific . . . . .	18,927	1,743	18,927	1,076	13,687	617	1,014	28			759	23	7.5
Type of Home													
Mobile Home . . . . .	3,695	598	3,693	385	1,233	118	529	37			1,453	59	15.1
Single-Family													
Detached . . . . .	114,202	10,662	114,199	5,576	72,406	4,056	22,712	781			10,384	249	4.4
Single-Family													
Attached . . . . .	5,848	479	5,846	233	4,180	192	1,364	54			Q	Q	23.3
2 to 4 Units . . . . .	10,507	1,278	10,507	526	8,494	579	2,121	167			208	Q	11.8
5 or More Units . . . . .	9,939	1,266	9,939	695	6,455	329	2,149	242			Q	Q	13.3
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	7,893	1,323	71884	753	4,196	428	1,030	75			1,684	68	9.1
1,001 to 2,000 . . . . .	38,104	4,603	38104	2,581	24,903	1,653	4,594	240			3,683	128	5.8
2,001 to 5,000 . . . . .	79,655	6,694	79655	3,242	51,255	2,671	17,946	669			5,889	112	5.5
5,001 to 10,000 . . . . .	11,645	880	11645	395	8,202	346	3,625	135			784	5	13.6
10,001 to 25,000 . . . . .	3,946	419	3946	246	2,420	114	656	58			Q	Q	20.3
25,001 to 50,000 . . . . .	1,182	152	1182	95	646	23	Q	Q			Q	Q	44.8
50,001 to 100,000 . . . . .	986	107	986	53	525	17	377	37			*	*	34.5
100,001 to 200,000 . . . . .	434	61	434	29	337	11	160	20			*	*	30.0
Over 200,000 . . . . .	346	43	346	19	285	11	Q	Q			*	*	69.0
Year Constructed													
1939 or Before . . . . .	44,348	4,205	44342	1,601	31,575	1,893	12,351	580			4,997	131	7.3
1940 to 1949 . . . . .	11,133	1,165	11133	566	7,498	466	2,545	115			825	18	11.7
1950 to 1959 . . . . .	23,300	2,322	23300	1,104	17,047	977	5,333	223			1,108	19	8.4
1960 to 1969 . . . . .	26,662	2,832	26659	1,520	18,243	1,049	4,067	215			1,766	48	8.3
1970 to 1979 . . . . .	35,688	3,469	35688	2,385	17,306	844	4,489	147			3,257	93	8.3
1980 to 1981 . . . . .	3,060	291	3060	238	1,099	45	Q	Q			198	5	21.2

<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 1981 Residential Energy Consumption Survey.

**Table R12B.81s. Total Site Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1981**

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	0.6	0.5	0.7	0.8	0.9	1.5	1.5			2.3	2.4	
RSE Column Factors:	0.5	0.6	0.5	0.7	0.8	0.9	1.5	1.5			2.3	2.4	
All Buildings . . . . .	144,191	9,288	144,183	2,420	92,768	5,273	28,875	1,281			12,151	314	3.5
Census Region													
Northeast . . . . .	35,083	2,359	35,083	397	20,232	1,007	17,979	925			2,694	31	7.3
Midwest . . . . .	41,473	3,095	41,473	558	31,952	2,223	5,070	185			3,981	129	5.8
South . . . . .	42,582	2,410	42,582	1,005	22,242	1,148	4,654	139			4,371	117	8.1
West . . . . .	25,053	1,424	25,045	460	18,341	895	1,171	32			1,105	38	6.5
Census Division													
New England . . . . .	8,343	528	8,343	91	3,345	169	5,136	258			986	Q	10.7
Middle Atlantic . . . . .	26,741	1,831	26,741	306	16,888	838	12,842	667			1,708	Q	8.2
East North Central . . . . .	28,134	2,227	28,134	362	22,241	1,667	3,800	134			2,186	64	8.8
West North Central . . . . .	13,339	867	13,339	195	9,711	556	1,270	51			1,794	65	13.5
South Atlantic . . . . .	21,932	1,112	21,932	476	9,142	448	4,165	124			2,717	65	12.1
East South Central . . . . .	9,261	524	9,261	253	4,365	236	464	14			702	21	14.2
West South Central . . . . .	11,389	773	11,389	276	8,735	465	Q	Q			952	31	10.6
Mountain . . . . .	6,126	406	6,117	109	4,654	278	Q	Q			Q	Q	13.7
Pacific . . . . .	18,927	1,019	18,927	351	13,687	617	1,014	28			759	23	7.6
Type of Home													
Mobile Home . . . . .	3,695	339	3,693	126	1,233	118	529	37			1,453	59	15.2
Single-Family													
Detached . . . . .	114,202	6,906	114,199	1,820	72,406	4,056	22,712	781			10,384	249	4.5
Single-Family													
Attached . . . . .	5,848	322	5,846	76	4,180	192	1,364	54			Q	Q	23.5
2 to 4 Units . . . . .	10,507	924	10,507	172	8,494	579	2,121	167			208	Q	11.9
5 or More Units . . . . .	9,939	798	9,939	227	6,455	329	2,149	242			Q	Q	13.5
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	7,893	816	7,884	246	4,196	428	1,030	75			1,684	68	9.3
1,001 to 2,000 . . . . .	38,104	2,864	38,104	842	24,903	1,653	4,594	240			3,683	128	5.8
2,001 to 5,000 . . . . .	79,655	4,510	79,655	1,058	51,255	2,671	17,946	669			5,889	112	5.6
5,001 to 10,000 . . . . .	11,645	614	11,645	129	8,202	346	3,625	135			784	5	13.7
10,001 to 25,000 . . . . .	3,946	254	3,946	80	2,420	114	656	58			Q	Q	20.2
25,001 to 50,000 . . . . .	1,182	88	1,182	31	646	23	Q	Q			Q	Q	45.7
50,001 to 100,000 . . . . .	986	71	986	17	525	17	377	37			*	*	34.6
100,001 to 200,000 . . . . .	434	41	434	10	337	11	160	20			*	*	28.8
Over 200,000 . . . . .	346	30	346	6	285	11	Q	Q			*	*	75.8
Year Constructed													
1939 or Before . . . . .	44,348	3,126	44,342	522	31,575	1,893	12,351	580			4,997	131	7.3
1940 to 1949 . . . . .	11,133	784	11,133	185	7,498	466	2,545	115			825	18	11.7
1950 to 1959 . . . . .	23,300	1,578	23,300	360	17,047	977	5,333	223			1,108	19	8.4
1960 to 1969 . . . . .	26,662	1,808	26,659	496	18,243	1,049	4,067	215			1,766	48	8.3
1970 to 1979 . . . . .	35,688	1,862	35,688	779	17,306	844	4,489	147			3,257	93	8.3
1980 to 1981 . . . . .	3,060	130	3,060	78	1,099	45	Q	Q			198	5	21.2

<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 1981 Residential Energy Consumption Survey.

**Table R13A.81p. Space Heating Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1981**

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	NF	1.0	NF	0.8	NF	1.3	NF			2.1	NF	
RSE Column Factors:	0.5	NF	1.0	NF	0.8	NF	1.3	NF			2.1	NF	
All Buildings	63,402	5,887	17,053	922	38,736	3,692	11,010	1,063			4,379	209	4.3
Census Region													
Northeast	11,810	1,600	2,319	159	5,072	708	5,871	721			180	Q	11.9
Midwest	17,022	2,213	2,264	193	12,930	1,746	2,150	181			1,322	93	7.3
South	22,146	1,272	8,182	341	11,682	720	2,510	130			2,416	81	7.5
West	12,423	801	4,287	229	9,052	518	479	30			462	23	8.9
Census Division													
New England	2,827	359	764	36	786	116	1,733	204			Q	Q	11.6
Middle Atlantic	8,983	1,241	1,555	123	4,287	592	4,138	517			Q	Q	13.2
East North Central	11,771	1,609	1,389	116	9,181	1,314	1,707	133			614	45	12.5
West North Central	5,252	605	875	76	3,749	432	443	48			708	49	14.8
South Atlantic	10,294	633	4,453	160	3,752	314	2,219	115			1,329	44	12.0
East South Central	4,744	314	2,273	121	2,370	163	262	14			433	15	13.4
West South Central	7,108	325	1,455	60	5,559	243	Q	Q			653	21	11.1
Mountain	3,319	263	894	52	2,504	197	Q	Q			161	Q	13.6
Pacific	9,104	538	3,393	177	6,549	321	396	27			Q	13	9.1
Type of Home													
Mobile Home	4,017	213	1,269	56	1,286	83	714	36			1,179	37	14.5
Single-Family Detached	52,060	4,272	13,625	580	33,111	2,842	8,869	682			3,182	168	4.7
Single-Family Attached	2,975	196	891	30	1,737	121	596	45			*	*	25.6
2 to 4 Units	3,429	640	936	85	2,132	420	667	131			Q	Q	11.9
5 or More Units	921	566	332	171	469	226	165	169			*	*	13.6
Building Floorspace (square feet)													
Fewer than 1,001	9,382	457	2,537	72	5,093	273	1,361	70			1,434	42	10.5
1,001 to 2,000	24,952	1,681	7,227	289	15,865	1,092	2,981	208			1,791	91	6.3
2,001 to 5,000	26,960	2,977	6,690	393	16,574	1,947	6,059	565			1,106	73	6.7
5,001 to 10,000	1,772	436	455	66	1,048	259	554	109			Q	3	16.1
10,001 to 25,000	284	182	118	60	145	82	37	40			Q	Q	24.8
25,001 to 50,000	34	59	18	22	7	Q	Q	Q			*	*	50.0
50,001 to 100,000	14	46	Q	9	Q	Q	6	Q			*	*	26.6
100,001 to 200,000	3	28	Q	Q	Q	7	1	14			*	*	33.4
Over 200,000	1	21	Q	Q	1	Q	Q	Q			*	*	77.2
Year Constructed													
1939 or Before	17,781	2,111	2,966	124	11,515	1,407	4,354	488			1,392	92	8.1
1940 to 1949	5,664	485	1,469	48	3,884	327	1,027	99			254	12	13.0
1950 to 1959	11,343	935	2,388	84	8,137	657	2,094	183			383	10	9.2
1960 to 1969	12,143	1,063	3,058	162	8,074	698	1,615	171			779	33	9.1
1970 to 1979	15,002	1,194	6,190	444	6,678	571	1,868	121			1,497	59	8.7
1980 to 1981	1,469	99	982	61	449	32	51	Q			75	4	23.7

<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 1981 Residential Energy Consumption Survey.

**Table R13A.81s. Space Heating Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1981**

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	NF	1.0	NF	0.8	NF	1.3	NF			2.1	NF	
All Buildings	63,402	5,265	17,053	301	38,736	3,692	11,010	1,063			4,379	209	4.3
Census Region													
Northeast	11,810	1,493	2,319	52	5,072	708	5,871	721			180	Q	11.9
Midwest	17,022	2,083	2,264	63	12,930	1,746	2,150	181			1,322	93	7.3
South	22,146	1,042	8,182	111	11,682	720	2,510	130			2,416	81	7.5
West	12,423	646	4,287	75	9,052	518	479	30			462	23	8.9
Census Division													
New England	2,827	335	764	12	786	116	1,733	204			Q	Q	11.6
Middle Atlantic	8,983	1,158	1,555	40	4,287	592	4,138	517			Q	Q	13.2
East North Central	11,771	1,530	1,389	38	9,181	1,314	1,707	133			614	45	12.5
West North Central	5,252	553	875	25	3,749	432	443	48			708	49	14.8
South Atlantic	10,294	525	4,453	52	3,752	314	2,219	115			1,329	44	12.0
East South Central	4,744	232	2,273	39	2,370	163	262	14			433	15	13.4
West South Central	7,108	285	1,455	20	5,559	243	Q	Q			653	21	11.1
Mountain	3,319	228	894	17	2,504	197	Q	Q			161	Q	13.6
Pacific	9,104	418	3,393	58	6,549	321	396	27			Q	13	9.1
Type of Home													
Mobile Home	4,017	175	1,269	18	1,286	83	714	36			1,179	37	14.5
Single-Family Detached	52,060	3,882	13,625	189	33,111	2,842	8,869	682			3,182	168	4.7
Single-Family Attached	2,975	176	891	10	1,737	121	596	45			*	*	25.6
2 to 4 Units	3,429	582	936	28	2,132	420	667	131			Q	Q	11.9
5 or More Units	921	451	332	56	469	226	165	169			*	*	13.6
Building Floorspace (square feet)													
Fewer than 1,001	9,382	408	2,537	24	5,093	273	1,361	70			1,434	42	10.5
1,001 to 2,000	24,952	1,486	7,227	94	15,865	1,092	2,981	208			1,791	91	6.3
2,001 to 5,000	26,960	2,713	6,690	128	16,574	1,947	6,059	565			1,106	73	6.7
5,001 to 10,000	1,772	392	455	21	1,048	259	554	109			Q	3	16.1
10,001 to 25,000	284	142	118	19	145	82	37	40			Q	Q	24.8
25,001 to 50,000	34	44	18	7	7	Q	Q	Q			*	*	50.0
50,001 to 100,000	14	40	Q	3	Q	Q	6	Q			*	*	26.6
100,001 to 200,000	3	23	Q	Q	Q	7	1	14			*	*	33.4
Over 200,000	1	Q	Q	Q	1	Q	Q	Q			*	*	77.2
Year Constructed													
1939 or Before	17,781	2,027	2,966	40	11,515	1,407	4,354	488			1,392	92	8.1
1940 to 1949	5,664	453	1,469	16	3,884	327	1,027	99			254	12	13.0
1950 to 1959	11,343	878	2,388	27	8,137	657	2,094	183			383	10	9.2
1960 to 1969	12,143	954	3,058	53	8,074	698	1,615	171			779	33	9.1
1970 to 1979	15,002	895	6,190	145	6,678	571	1,868	121			1,497	59	8.7
1980 to 1981	1,469	58	982	20	449	32	51	Q			75	4	23.7

<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 1981 Residential Energy Consumption Survey.

**Table R13B.81p. Space Heating Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1981**

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)	
	RSE Column Factors:	0.5	NF	1.0	NF	0.8	NF	1.3	NF			2.1	
All Buildings . . . . .	139,158	5,887	37,415	922	83,685	3,692	28,724	1,063			6,937	209	4.5
Census Region													
Northeast . . . . .	34,202	1,600	7,003	159	13,850	708	17,875	721			400	Q	12.0
Midwest . . . . .	40,616	2,213	5,871	193	31,288	1,746	5,060	181			2,701	93	7.9
South . . . . .	40,223	1,272	16,170	341	20,987	720	4,654	130			3,043	81	9.1
West . . . . .	24,117	801	8,371	229	17,559	518	1,135	30			793	23	7.3
Census Division													
New England . . . . .	8,059	359	2,272	36	2,234	116	5,067	204			Q	Q	11.7
Middle Atlantic . . . . .	26,143	1,241	4,730	123	11,616	592	12,809	517			Q	Q	12.7
East North Central . . . . .	27,707	1,609	3,571	116	21,943	1,314	3,789	133			1,244	45	12.0
West North Central . . . . .	12,909	605	2,300	76	9,345	432	1,270	48			1,458	49	15.5
South Atlantic . . . . .	20,161	633	8,845	160	8,269	314	4,165	115			1,577	44	13.4
East South Central . . . . .	8,705	314	4,405	121	4,328	163	464	14			533	15	16.6
West South Central . . . . .	11,357	325	2,921	60	8,390	243	Q	Q			933	21	13.6
Mountain . . . . .	5,991	263	1,561	52	4,545	197	Q	Q			Q	Q	12.4
Pacific . . . . .	18,126	538	6,810	177	13,014	321	977	27			Q	13	6.5
Type of Home													
Mobile Home . . . . .	3,514	213	1,059	56	1,211	83	529	36			1,014	37	15.2
Single-Family Detached . . . . .	109,895	4,272	28,463	580	68,083	2,842	22,630	682			5,875	168	5.4
Single-Family Attached . . . . .	5,796	196	1,635	30	3,294	121	1,364	45			*	*	27.6
2 to 4 Units . . . . .	10,313	640	2,426	85	6,881	420	2,078	131			Q	Q	12.8
5 or More Units . . . . .	9,640	566	3,833	171	4,216	226	2,124	169			*	*	15.5
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	7,257	457	1,930	72	4,029	273	1,023	70			1,041	42	10.3
1,001 to 2,000 . . . . .	36,749	1,681	10,510	289	23,396	1,092	4,583	208			2,499	91	6.3
2,001 to 5,000 . . . . .	77,095	2,977	19,061	393	47,009	1,947	17,872	565			3,078	73	6.8
5,001 to 10,000 . . . . .	11,332	436	2,952	66	6,682	259	3,609	109			Q	3	16.6
10,001 to 25,000 . . . . .	3,790	182	1,580	60	1,840	82	612	40			Q	Q	23.6
25,001 to 50,000 . . . . .	1,182	59	638	22	227	Q	Q	Q			*	*	48.7
50,001 to 100,000 . . . . .	981	46	Q	9	Q	Q	377	Q			*	*	33.5
100,001 to 200,000 . . . . .	426	28	Q	Q	143	7	160	14			*	*	46.6
Over 200,000 . . . . .	346	21	Q	Q	Q	Q	Q	Q			*	*	
													100.1
Year Constructed													
1939 or Before . . . . .	42,151	2,111	7,323	124	26,280	1,407	12,267	488			2,764	92	8.9
1940 to 1949 . . . . .	10,415	485	2,613	48	6,760	327	2,488	99			409	12	14.6
1950 to 1959 . . . . .	22,644	935	4,405	84	15,785	657	5,333	183			543	10	10.0
1960 to 1969 . . . . .	26,030	1,063	6,659	162	17,076	698	4,057	171			1,122	33	9.7
1970 to 1979 . . . . .	34,931	1,194	14,489	444	16,760	571	4,489	121			1,965	59	9.6
1980 to 1981 . . . . .	2,988	99	1,925	61	1,023	32	Q	Q			134	4	21.4

<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 1981 Residential Energy Consumption Survey.

**Table R13B.81s. Space Heating Site Consumption and Floorspace by Energy Source in Residential Buildings, 1981**

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			2.1		NF
RSE Column Factors:	0.5	NF	1.0	NF	0.8	NF	1.3	NF			2.1	NF	
All Buildings	139,158	5,265	37,415	301	83,685	3,692	28,724	1,063			6,937	209	4.5
Census Region													
Northeast	34,202	1,493	7,003	52	13,850	708	17,875	721			400	Q	12.0
Midwest	40,616	2,083	5,871	63	31,288	1,746	5,060	181			2,701	93	7.9
South	40,223	1,042	16,170	111	20,987	720	4,654	130			3,043	81	9.1
West	24,117	646	8,371	75	17,559	518	1,135	30			793	23	7.3
Census Division													
New England	8,059	335	2,272	12	2,234	116	5,067	204			Q	Q	11.7
Middle Atlantic	26,143	1,158	4,730	40	11,616	592	12,809	517			Q	Q	12.7
East North Central	27,707	1,530	3,571	38	21,943	1,314	3,789	133			1,244	45	12.0
West North Central	12,909	553	2,300	25	9,345	432	1,270	48			1,458	49	15.5
South Atlantic	20,161	525	8,845	52	8,269	314	4,165	115			1,577	44	13.4
East South Central	8,705	232	4,405	39	4,328	163	464	14			533	15	16.6
West South Central	11,357	285	2,921	20	8,390	243	Q	Q			933	21	13.6
Mountain	5,991	228	1,561	17	4,545	197	Q	Q			Q	Q	12.4
Pacific	18,126	418	6,810	58	13,014	321	977	27			Q	13	6.5
Type of Home													
Mobile Home	3,514	175	1,059	18	1,211	83	529	36			1,014	37	15.2
Single-Family Detached	109,895	3,882	28,463	189	68,083	2,842	22,630	682			5,875	168	5.4
Single-Family Attached	5,796	176	1,635	10	3,294	121	1,364	45			*	*	27.6
2 to 4 Units	10,313	582	2,426	28	6,881	420	2,078	131			Q	Q	12.8
5 or More Units	9,640	451	3,833	56	4,216	226	2,124	169			*	*	15.5
Building Floorspace (square feet)													
Fewer than 1,001	7,257	408	1,930	24	4,029	273	1,023	70			1,041	42	10.3
1,001 to 2,000	36,749	1,486	10,510	94	23,396	1,092	4,583	208			2,499	91	6.3
2,001 to 5,000	77,095	2,713	19,061	128	47,009	1,947	17,872	565			3,078	73	6.8
5,001 to 10,000	11,332	392	2,952	21	6,682	259	3,609	109			Q	3	16.6
10,001 to 25,000	3,790	142	1,580	19	1,840	82	612	40			Q	Q	23.6
25,001 to 50,000	1,182	44	638	7	227	Q	Q	Q			*	*	48.7
50,001 to 100,000	981	40	Q	3	Q	Q	377	Q			*	*	33.5
100,001 to 200,000	426	23	Q	Q	143	7	160	14			*	*	46.6
Over 200,000	346	Q	Q	Q	Q	Q	Q	Q			*	*	100.1
Year Constructed													
1939 or Before	42,151	2,027	7,323	40	26,280	1,407	12,267	488			2,764	92	8.9
1940 to 1949	10,415	453	2,613	16	6,760	327	2,488	99			409	12	14.6
1950 to 1959	22,644	878	4,405	27	15,785	657	5,333	183			543	1	10.0
1960 to 1969	26,030	954	6,659	53	17,076	698	4,057	171			1,122	33	9.7
1970 to 1979	34,931	895	14,489	145	16,760	571	4,489	121			1,965	59	9.6
1980 to 1981	2,988	58	1,925	20	1,023	32	Q	Q			134	4	21.4

<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 1981 Residential Energy Consumption Survey.

**Table R14A.81p. Air Conditioning and Appliances Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1981**

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	2.7	
All Buildings	37,250	1,049	66,196	4,990	66,174	4,513	29,872	427	5,423	49	2.8
Census Region											
Northeast	5,697	72	12,178	973	12,178	859	5,952	103	999	11	6.5
Midwest	10,212	175	17,462	1,302	17,462	1,168	9,132	122	1,476	13	5.8
South	17,399	709	23,534	1,710	23,534	1,574	8,720	116	2,482	20	4.2
West	3,943	93	13,022	1,004	13,000	914	6,067	86	467	5	6.9
Census Division											
New England	1,153	7	2,932	225	2,932	205	870	16	377	4	10.1
Middle Atlantic	4,544	65	9,246	748	9,246	653	5,082	87	623	7	7.7
East North Central	6,164	84	12,039	890	12,039	790	6,765	93	846	7	10.1
West North Central	4,047	90	5,423	413	5,423	378	2,367	29	630	6	11.2
South Atlantic	7,459	275	11,325	796	11,325	747	2,750	36	1,578	13	7.5
East South Central	4,185	159	5,085	391	5,085	368	1,359	20	348	3	9.6
West South Central	5,754	275	7,124	523	7,124	458	4,611	60	556	4	7.3
Mountain	981	32	3,411	230	3,390	214	1,291	14	156	2	13.0
Pacific	2,962	61	9,610	774	9,610	699	4,776	72	312	3	8.7
Type of Home											
Mobile Home	2,509	49	4,198	220	4,187	196	1,125	12	1,593	12	11.8
Single-Family											
Detached	30,770	806	54,561	3,865	54,555	3,513	24,378	318	3,744	35	3.4
Single-Family											
Attached	1,753	37	3,005	165	3,000	144	1,887	21	Q	Q	17.6
2 to 4 Units	1,647	55	3,480	375	3,480	327	2,082	46	Q	Q	8.3
5 or More Units	570	102	953	364	953	333	399	31	Q	Q	11.4
Building Floorspace (square feet)											
Fewer than 1,001	4,981	86	10,257	520	10,236	456	4,213	48	1,936	15	8.4
1,001 to 2,000	14,806	411	25,913	1,707	25,913	1,545	11,823	145	1,902	17	5.0
2,001 to 5,000	16,189	426	27,861	2,271	27,861	2,065	12,839	190	1,482	15	5.0
5,001 to 10,000	1,021	50	1,816	267	1,816	240	859	26	94	Q	14.5
10,001 to 25,000	216	39	296	123	296	114	114	9	Q	Q	20.8
25,001 to 50,000	22	17	34	47	34	42	15	4	Q	Q	40.3
50,001 to 100,000	11	Q	14	29	14	27	7	2	*	*	32.2
100,001 to 200,000	3	4	3	16	3	14	2	1	*	*	33.5
Over 200,000	1	Q	1	11	1	10	Q	Q	*	*	67.0
Year Constructed											
1939 or Before	7,956	121	19,005	1,346	18,995	1,180	10,481	148	1,912	18	6.6
1940 to 1949	3,407	74	6,048	415	6,048	369	3,109	43	327	3	10.2
1950 to 1959	6,726	166	11,671	840	11,671	748	6,180	87	441	4	7.3
1960 to 1969	8,018	270	12,525	1,014	12,514	920	5,525	87	914	8	7.2
1970 to 1979	10,304	389	15,442	1,268	15,442	1,192	4,340	60	1,724	16	7.0
1980 to 1981	838	28	1,505	107	1,505	105	237	2	106	1	19.2

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 1981 Residential Energy Consumption Survey.

**Table R14A.81s. Air Conditioning and Appliances Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1981**

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	2.7	
All Buildings	37,250	342	66,196	1,950	66,174	1,474	29,872	427	5,423	49	2.8
Census Region											
Northeast	5,697	24	12,178	395	12,178	280	5,952	103	999	11	6.5
Midwest	10,212	57	17,462	516	17,462	381	9,132	122	1,476	13	5.8
South	17,399	231	23,534	650	23,534	514	8,720	116	2,482	20	4.2
West	3,943	30	13,022	389	13,000	298	6,067	86	467	5	6.9
Census Division											
New England	1,153	2	2,932	87	2,932	67	870	16	377	4	10.1
Middle Atlantic	4,544	21	9,246	308	9,246	213	5,082	87	623	7	7.7
East North Central	6,164	28	12,039	358	12,039	258	6,765	93	846	7	10.1
West North Central	4,047	29	5,423	158	5,423	123	2,367	29	630	6	11.2
South Atlantic	7,459	90	11,325	293	11,325	244	2,750	36	1,578	13	7.5
East South Central	4,185	52	5,085	143	5,085	120	1,359	20	348	3	9.6
West South Central	5,754	90	7,124	214	7,124	150	4,611	60	556	4	7.3
Mountain	981	10	3,411	86	3,390	70	1,291	14	156	2	13.0
Pacific	2,962	20	9,610	303	9,610	228	4,776	72	312	3	8.7
Type of Home											
Mobile Home	2,509	16	4,198	88	4,187	64	1,125	12	1,593	12	11.8
Single-Family Detached	30,770	263	54,561	1,499	54,555	1,147	24,378	318	3,744	35	3.4
Single-Family Attached	1,753	12	3,005	68	3,000	47	1,887	21	Q	Q	17.6
2 to 4 Units	1,647	18	3,480	154	3,480	107	2,082	46	Q	Q	8.3
5 or More Units	570	33	953	140	953	109	399	31	Q	Q	11.4
Building Floorspace (square feet)											
Fewer than 1,001	4,981	28	10,257	212	10,236	149	4,213	48	1,936	15	8.4
1,001 to 2,000	14,806	134	25,913	667	25,913	504	11,823	145	1,902	17	5.0
2,001 to 5,000	16,189	139	27,861	880	27,861	674	12,839	190	1,482	15	5.0
5,001 to 10,000	1,021	16	1,816	105	1,816	78	859	26	94	Q	14.5
10,001 to 25,000	216	13	296	46	296	37	114	9	Q	Q	20.8
25,001 to 50,000	22	6	34	18	34	14	15	4	Q	Q	40.3
50,001 to 100,000	11	Q	14	11	14	9	7	2	*	*	32.2
100,001 to 200,000	3	1	3	6	3	5	2	1	*	*	33.5
Over 200,000	1	Q	1	5	1	4	Q	Q	*	*	67.0
Year Constructed											
1939 or Before	7,956	40	19,005	551	18,995	385	10,481	148	1,912	18	6.6
1940 to 1949	3,407	24	6,048	167	6,048	120	3,109	43	327	3	10.2
1950 to 1959	6,726	54	11,671	336	11,671	244	6,180	87	441	4	7.3
1960 to 1969	8,018	88	12,525	395	12,514	300	5,525	87	914	8	7.2
1970 to 1979	10,304	127	15,442	465	15,442	389	4,340	60	1,724	16	7.0
1980 to 1981	838	9	1,505	37	1,505	34	237	2	106	1	19.2

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 1981 Residential Energy Consumption Survey.



**Table R14B.81p. Air Conditioning and Appliances Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1981**

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)	
	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.8	NF	
All Buildings	84,141	1,049	144,191	4,990	144,183	4,513	65,521	427	8,848	49	3.1
Census Region											
Northeast	17,161	72	35,083	973	35,083	859	17,368	103	2,446	11	6.1
Midwest	25,091	175	41,473	1,302	41,473	1,168	21,838	122	2,601	13	6.0
South	33,722	709	42,582	1,710	42,582	1,574	15,475	116	3,157	20	5.4
West	8,168	93	25,053	1,004	25,045	914	10,839	86	645	5	6.1
Census Division											
New England	3,426	7	8,343	225	8,343	205	2,499	16	908	4	10.8
Middle Atlantic	13,734	65	26,741	748	26,741	653	14,870	87	1,539	7	7.3
East North Central	14,963	84	28,134	890	28,134	790	15,698	93	1,423	7	9.3
West North Central	10,128	90	13,339	413	13,339	378	6,139	29	1,177	6	11.1
South Atlantic	16,210	275	21,932	796	21,932	747	6,391	36	2,030	13	8.9
East South Central	7,921	159	9,261	391	9,261	368	2,387	20	355	3	11.9
West South Central	9,590	275	11,389	523	11,389	458	6,698	60	772	4	9.9
Mountain	1,993	32	6,126	230	6,117	214	1,974	14	Q	2	13.2
Pacific	6,175	61	18,927	774	18,927	699	8,866	72	435	3	8.0
Type of Home											
Mobile Home	2,216	49	3,695	220	3,693	196	1,018	12	1,328	12	13.1
Single-Family											
Detached	66,447	806	114,202	3,865	114,199	3,513	50,161	318	7,218	35	4.2
Single-Family											
Attached	3,542	37	5,848	165	5,846	144	3,785	21	Q	Q	20.2
2 to 4 Units	5,383	55	10,507	375	10,507	327	6,433	46	Q	Q	10.2
5 or More Units	6,552	102	9,939	364	9,939	333	4,124	31	Q	Q	11.9
Building Floorspace (square feet)											
Fewer than 1,001	3,876	86	7,893	520	7,884	456	3,256	48	1,367	15	8.3
1,001 to 2,000	21,865	411	38,104	1,707	38,104	1,545	17,397	145	2,614	17	4.8
2,001 to 5,000	46,774	426	79,655	2,271	79,655	2,065	36,434	190	4,196	15	5.1
5,001 to 10,000	6,609	50	11,645	267	11,645	240	5,557	26	560	Q	14.7
10,001 to 25,000	2,847	39	3,946	123	3,946	114	1,527	9	Q	Q	19.8
25,001 to 50,000	782	17	1,182	47	1,182	42	537	4	Q	Q	39.2
50,001 to 100,000	760	Q	986	29	986	27	447	2	*	*	34.5
100,001 to 200,000	389	4	434	16	434	14	236	1	*	*	35.5
Over 200,000	239	Q	346	11	346	10	Q	Q	*	*	82.0
Year Constructed											
1939 or Before	19,929	121	44,348	1,346	44,342	1,180	24,660	148	3,904	18	7.0
1940 to 1949	6,470	74	11,133	415	11,133	369	5,487	43	553	3	11.0
1950 to 1959	13,324	166	23,300	840	23,300	748	12,459	87	721	4	7.9
1960 to 1969	17,952	270	26,662	1,014	26,659	920	11,914	87	1,141	8	8.1
1970 to 1979	24,785	389	35,688	1,268	35,688	1,192	10,500	60	2,380	16	7.5
1980 to 1981	1,681	28	3,060	107	3,060	105	500	2	150	1	20.3

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 1981 Residential Energy Consumption Survey.

**Table R14B.81s. Air Conditioning and Appliances Site Consumption and Floorspace by Energy Source in Residential Buildings, 1981**

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)	
	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.8	NF	
RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.8	NF	
All Buildings . . . . .	84,141	342	144,191	1,950	144,183	1,474	65,521	427	8,848	49	3.1
Census Region											
Northeast . . . . .	17,161	24	35,083	395	35,083	280	17,368	103	2,446	11	6.1
Midwest . . . . .	25,091	57	41,473	516	41,473	381	21,838	122	2,601	13	6.0
South . . . . .	33,722	231	42,582	650	42,582	514	15,475	116	3,157	20	5.4
West . . . . .	8,168	30	25,053	389	25,045	298	10,839	86	645	5	6.1
Census Division											
New England . . . . .	3,426	2	8,343	87	8,343	67	2,499	16	908	4	10.8
Middle Atlantic . . . . .	13,734	21	26,741	308	26,741	213	14,870	87	1,539	7	7.3
East North Central . . . . .	14,963	28	28,134	358	28,134	258	15,698	93	1,423	7	9.3
West North Central . . . . .	10,128	29	13,339	158	13,339	123	6,139	29	1,177	6	11.1
South Atlantic . . . . .	16,210	90	21,932	293	21,932	244	6,391	36	2,030	13	8.9
East South Central . . . . .	7,921	52	9,261	143	9,261	120	2,387	20	355	3	11.9
West South Central . . . . .	9,590	90	11,389	214	11,389	150	6,698	60	772	4	9.9
Mountain . . . . .	1,993	10	6,126	86	6,117	70	1,974	14	Q	2	13.2
Pacific . . . . .	6,175	20	18,927	303	18,927	228	8,866	72	435	3	8.0
Type of Home											
Mobile Home . . . . .	2,216	16	3,695	88	3,693	64	1,018	12	1,328	12	13.1
Single-Family											
Detached . . . . .	66,447	263	114,202	1,499	114,199	1,147	50,161	318	7,218	35	4.2
Single-Family											
Attached . . . . .	3,542	12	5,848	68	5,846	47	3,785	21	Q	Q	20.2
2 to 4 Units . . . . .	5,383	18	10,507	154	10,507	107	6,433	46	Q	Q	10.2
5 or More Units . . . . .	6,552	33	9,939	140	9,939	109	4,124	31	Q	Q	11.9
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	3,876	28	7,893	212	7,884	149	3,256	48	1,367	15	8.3
1,001 to 2,000 . . . . .	21,865	134	38,104	667	38,104	504	17,397	145	2,614	17	4.8
2,001 to 5,000 . . . . .	46,774	139	79,655	880	79,655	674	36,434	190	4,196	15	5.1
5,001 to 10,000 . . . . .	6,609	16	11,645	105	11,645	78	5,557	26	560	Q	14.7
10,001 to 25,000 . . . . .	2,847	13	3,946	46	3,946	37	1,527	9	Q	Q	19.8
25,001 to 50,000 . . . . .	782	6	1,182	18	1,182	14	537	4	Q	Q	39.2
50,001 to 100,000 . . . . .	760	Q	986	11	986	9	447	2	*	*	34.5
100,001 to 200,000 . . . . .	389	1	434	6	434	5	236	1	*	*	35.5
Over 200,000 . . . . .	239	Q	346	5	346	4	Q	Q	*	*	82.0
Year Constructed											
1939 or Before . . . . .	19,929	40	44,348	551	44,342	385	24,660	148	3,904	18	7.0
1940 to 1949 . . . . .	6,470	24	11,133	167	11,133	120	5,487	43	553	3	11.0
1950 to 1959 . . . . .	13,324	54	23,300	336	23,300	244	12,459	87	721	4	7.9
1960 to 1969 . . . . .	17,952	88	26,662	395	26,659	300	11,914	87	1,141	8	8.1
1970 to 1979 . . . . .	24,785	127	35,688	465	35,688	389	10,500	60	2,380	16	7.5
1980 to 1981 . . . . .	1,681	9	3,060	37	3,060	34	500	2	150	1	20.3

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 1981 Residential Energy Consumption Survey.

**Table R15A.81p. Total Primary Consumption and Number of Buildings by End Use in Residential Buildings, 1981**

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	1.0	NF	0.9	NF	1.4	NF	0.9	NF	
All Buildings . . . . .		66,196	14,283	63,402	5,887	65,712	2,334	37,250	1,070	66,196	4,991	1.5
Census Region												
Northeast . . . . .		12,178	3,179	11,810	1,600	12,091	530	5,697	74	12,178	973	3.6
Midwest . . . . .		17,462	4,245	17,022	2,213	17,334	548	10,212	181	17,462	1,303	3.4
South . . . . .		23,534	4,485	22,146	1,272	23,345	783	17,399	719	23,534	1,710	2.3
West . . . . .		13,022	2,374	12,423	801	12,943	473	3,943	96	13,022	1,005	3.5
Census Division												
New England . . . . .		2,932	716	2,827	359	2,901	124	1,153	7	2,932	225	6.0
Middle Atlantic . . . . .		9,246	2,463	8,983	1,241	9,190	406	4,544	67	9,246	748	4.4
East North Central . . . . .		12,039	2,975	11,771	1,609	11,959	387	6,164	89	12,039	890	6.2
West North Central . . . . .		5,423	1,270	5,252	605	5,374	161	4,047	92	5,423	413	9.1
South Atlantic . . . . .		11,325	2,095	10,294	633	11,204	389	7,459	277	11,325	796	4.1
East South Central . . . . .		5,085	1,047	4,744	314	5,050	180	4,185	162	5,085	391	6.1
West South Central . . . . .		7,124	1,343	7,108	325	7,091	214	5,754	280	7,124	523	3.9
Mountain . . . . .		3,411	631	3,319	263	3,392	106	981	32	3,411	230	6.5
Pacific . . . . .		9,610	1,743	9,104	538	9,551	367	2,962	64	9,610	775	5.0
Type of Home												
Mobile Home . . . . .		4,198	598	4,017	213	4,159	116	2,509	49	4,198	220	9.8
Single-Family												
Detached . . . . .		54,561	10,662	52,060	4,272	54,151	1,698	30,770	825	54,561	3,867	1.9
Single-Family												
Attached . . . . .		3,005	479	2,975	196	3,005	81	1,753	37	3,005	165	12.8
2 to 4 Units . . . . .		3,480	1,278	3,429	640	3,474	207	1,647	56	3,480	375	6.1
5 or More Units . . . . .		953	1,266	921	566	923	233	570	103	953	364	7.9
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		10,257	1,323	9,382	457	10,031	260	4,981	86	10,257	520	6.4
1,001 to 2,000 . . . . .		25,913	4,603	24,952	1,681	25,756	796	14,806	419	25,913	1,708	3.1
2,001 to 5,000 . . . . .		27,861	6,694	26,960	2,977	27,789	1,006	16,189	439	27,861	2,271	3.3
5,001 to 10,000 . . . . .		1,816	880	1,772	436	1,794	126	1,021	51	1,816	267	9.4
10,001 to 25,000 . . . . .		296	419	284	182	289	74	216	40	296	123	13.6
25,001 to 50,000 . . . . .		34	152	34	59	34	30	22	17	34	47	29.1
50,001 to 100,000 . . . . .		14	107	14	46	14	22	11	Q	14	29	26.8
100,001 to 200,000 . . . . .		3	61	3	28	3	13	3	4	3	16	25.3
Over 200,000 . . . . .		1	43	1	21	1	Q	1	Q	1	11	45.9
Year Constructed												
1939 or Before . . . . .		19,005	4,205	17,781	2,111	18,717	622	7,956	125	19,005	1,346	4.7
1940 to 1949 . . . . .		6,048	1,165	5,664	485	5,991	189	3,407	76	6,048	415	7.3
1950 to 1959 . . . . .		11,671	2,322	11,343	935	11,603	373	6,726	174	11,671	840	5.1
1960 to 1969 . . . . .		12,525	2,832	12,143	1,063	12,477	478	8,018	275	12,525	1,014	5.3
1970 to 1979 . . . . .		15,442	3,469	15,002	1,194	15,418	615	10,304	391	15,442	1,269	5.2
1980 to 1981 . . . . .		1,505	291	1,469	99	1,505	56	838	28	1,505	107	13.2

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 1981 Residential Energy Consumption Survey.

**Table R15A.81s. Total Site Consumption and Number of Buildings by End Use in Residential Buildings, 1981**

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	1.0	NF	0.9	NF	1.4	NF	0.9	NF	
All Buildings . . . . .		66,196	9,288	63,402	5,265	65,712	1,710	37,250	364	66,196	1,950	1.5
Census Region												
Northeast . . . . .		12,178	2,359	11,810	1,493	12,091	446	5,697	26	12,178	395	3.6
Midwest . . . . .		17,462	3,095	17,022	2,083	17,334	432	10,212	63	17,462	516	3.4
South . . . . .		23,534	2,410	22,146	1,042	23,345	476	17,399	241	23,534	650	2.3
West . . . . .		13,022	1,424	12,423	646	12,943	356	3,943	33	13,022	389	3.5
Census Division												
New England . . . . .		2,932	528	2,827	335	2,901	104	1,153	2	2,932	87	6.0
Middle Atlantic . . . . .		9,246	1,831	8,983	1,158	9,190	342	4,544	23	9,246	308	4.4
East North Central . . . . .		12,039	2,227	11,771	1,530	11,959	307	6,164	32	12,039	358	6.2
West North Central . . . . .		5,423	867	5,252	553	5,374	125	4,047	31	5,423	158	9.1
South Atlantic . . . . .		11,325	1,112	10,294	525	11,204	203	7,459	91	11,325	293	4.1
East South Central . . . . .		5,085	524	4,744	232	5,050	94	4,185	55	5,085	143	6.1
West South Central . . . . .		7,124	773	7,108	285	7,091	180	5,754	95	7,124	214	3.9
Mountain . . . . .		3,411	406	3,319	228	3,392	82	981	10	3,411	86	6.5
Pacific . . . . .		9,610	1,019	9,104	418	9,551	274	2,962	23	9,610	303	5.0
Type of Home												
Mobile Home . . . . .		4,198	339	4,017	175	4,159	60	2,509	16	4,198	88	9.8
Single-Family												
Detached . . . . .		54,561	6,906	52,060	3,882	54,151	1,242	30,770	283	54,561	1,499	1.9
Single-Family												
Attached . . . . .		3,005	322	2,975	176	3,005	66	1,753	12	3,005	68	12.8
2 to 4 Units . . . . .		3,480	924	3,429	582	3,474	168	1,647	19	3,480	154	6.1
5 or More Units . . . . .		953	798	921	451	923	173	570	34	953	140	7.9
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		10,257	816	9,382	408	10,031	167	4,981	28	10,257	212	6.4
1,001 to 2,000 . . . . .		25,913	2,864	24,952	1,486	25,756	570	14,806	142	25,913	667	3.1
2,001 to 5,000 . . . . .		27,861	4,510	26,960	2,713	27,789	765	16,189	152	27,861	880	3.3
5,001 to 10,000 . . . . .		1,816	614	1,772	392	1,794	100	1,021	17	1,816	105	9.4
10,001 to 25,000 . . . . .		296	254	284	142	289	52	216	13	296	46	13.6
25,001 to 50,000 . . . . .		34	88	34	44	34	20	22	6	34	18	29.1
50,001 to 100,000 . . . . .		14	71	14	40	14	17	11	Q	14	11	26.8
100,001 to 200,000 . . . . .		3	41	3	23	3	11	3	1	3	6	25.3
Over 200,000 . . . . .		1	30	1	Q	1	Q	1	Q	1	5	45.9
Year Constructed												
1939 or Before . . . . .		19,005	3,126	17,781	2,027	18,717	504	7,956	44	19,005	551	4.7
1940 to 1949 . . . . .		6,048	784	5,664	453	5,991	139	3,407	26	6,048	167	7.3
1950 to 1959 . . . . .		11,671	1,578	11,343	878	11,603	302	6,726	62	11,671	336	5.1
1960 to 1969 . . . . .		12,525	1,808	12,143	954	12,477	366	8,018	93	12,525	395	5.3
1970 to 1979 . . . . .		15,442	1,862	15,002	895	15,418	372	10,304	129	15,442	465	5.2
1980 to 1981 . . . . .		1,505	130	1,469	58	1,505	27	838	9	1,505	37	13.2

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 1981 Residential Energy Consumption Survey.

**Table R15B.81p. Total Primary Consumption and Floorspace by End Use in Residential Buildings, 1981**

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	1.5	NF	0.9	NF	
All Buildings . . . . .		144,191	14,283	139,158	5,887	143,392	2,334	84,141	1,070	144,191	4,991	1.7
Census Region												
Northeast . . . . .		35,083	3,179	34,202	1,600	34,920	530	17,161	74	35,083	973	3.5
Midwest . . . . .		41,473	4,245	40,616	2,213	41,158	548	25,091	181	41,473	1,303	3.7
South . . . . .		42,582	4,485	40,223	1,272	42,350	783	33,722	719	42,582	1,710	3.0
West . . . . .		25,053	2,374	24,117	801	24,964	473	8,168	96	25,053	1,005	2.7
Census Division												
New England . . . . .		8,343	716	8,059	359	8,305	124	3,426	7	8,343	225	6.5
Middle Atlantic . . . . .		26,741	2,463	26,143	1,241	26,615	406	13,734	67	26,741	748	4.4
East North Central . . . . .		28,134	2,975	27,707	1,609	28,016	387	14,963	89	28,134	890	5.6
West North Central . . . . .		13,339	1,270	12,909	605	13,143	161	10,128	92	13,339	413	9.1
South Atlantic . . . . .		21,932	2,095	20,161	633	21,760	389	16,210	277	21,932	796	4.9
East South Central . . . . .		9,261	1,047	8,705	314	9,228	180	7,921	162	9,261	391	7.5
West South Central . . . . .		11,389	1,343	11,357	325	11,362	214	9,590	280	11,389	523	5.8
Mountain . . . . .		6,126	631	5,991	263	6,094	106	1,993	32	6,126	230	7.5
Pacific . . . . .		18,927	1,743	18,126	538	18,870	367	6,175	64	18,927	775	3.8
Type of Home												
Mobile Home . . . . .		3,695	598	3,514	213	3,674	116	2,216	49	3,695	220	10.5
Single-Family												
Detached . . . . .		114,202	10,662	109,895	4,272	113,687	1,698	66,447	825	114,202	3,867	2.6
Single-Family												
Attached . . . . .		5,848	479	5,796	196	5,848	81	3,542	37	5,848	165	14.3
2 to 4 Units . . . . .		10,507	1,278	10,313	640	10,496	207	5,383	56	10,507	375	7.2
5 or More Units . . . . .		9,939	1,266	9,640	566	9,686	233	6,552	103	9,939	364	8.2
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		7,893	1,323	7,257	457	7,738	260	3,876	86	7,893	520	6.3
1,001 to 2,000 . . . . .		38,104	4,603	36,749	1,681	37,901	796	21,865	419	38,104	1,708	3.0
2,001 to 5,000 . . . . .		79,655	6,694	77,095	2,977	79,467	1,006	46,774	439	79,655	2,271	3.4
5,001 to 10,000 . . . . .		11,645	880	11,332	436	11,477	126	6,609	51	11,645	267	9.6
10,001 to 25,000 . . . . .		3,946	419	3,790	182	3,861	74	2,847	40	3,946	123	13.1
25,001 to 50,000 . . . . .		1,182	152	1,182	59	1,182	30	782	17	1,182	47	28.4
50,001 to 100,000 . . . . .		986	107	981	46	986	22	760	Q	986	29	28.4
100,001 to 200,000 . . . . .		434	61	426	28	434	13	389	4	434	16	25.3
Over 200,000 . . . . .		346	43	346	21	346	Q	239	Q	346	11	52.3
Year Constructed												
1939 or Before . . . . .		44,348	4,205	42,151	2,111	43,904	622	19,929	125	44,348	1,346	5.3
1940 to 1949 . . . . .		11,133	1,165	10,415	485	11,094	189	6,470	76	11,133	415	7.9
1950 to 1959 . . . . .		23,300	2,322	22,644	935	23,088	373	13,324	174	23,300	840	5.4
1960 to 1969 . . . . .		26,662	2,832	26,030	1,063	26,578	478	17,952	275	26,662	1,014	5.8
1970 to 1979 . . . . .		35,688	3,469	34,931	1,194	35,668	615	24,785	391	35,688	1,269	5.1
1980 to 1981 . . . . .		3,060	291	2,988	99	3,060	56	1,681	28	3,060	107	13.7

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 1981 Residential Energy Consumption Survey.

**Table R15B.81s. Total Site Consumption and Floorspace by End Use in Residential Buildings, 1981**

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	1.5	NF	0.9	NF	
All Buildings . . . . .		144,191	9,288	139,158	5,265	143,392	1,710	84,141	364	144,191	1,950	1.7
Census Region												
Northeast . . . . .		35,083	2,359	34,202	1,493	34,920	446	17,161	26	35,083	395	3.5
Midwest . . . . .		41,473	3,095	40,616	2,083	41,158	432	25,091	63	41,473	516	3.7
South . . . . .		42,582	2,410	40,223	1,042	42,350	476	33,722	241	42,582	650	3.0
West . . . . .		25,053	1,424	24,117	646	24,964	356	8,168	33	25,053	389	2.7
Census Division												
New England . . . . .		8,343	528	8,059	335	8,305	104	3,426	2	8,343	87	6.5
Middle Atlantic . . . . .		26,741	1,831	26,143	1,158	26,615	342	13,734	23	26,741	308	4.4
East North Central . . . . .		28,134	2,227	27,707	1,530	28,016	307	14,963	32	28,134	358	5.6
West North Central . . . . .		13,339	867	12,909	553	13,143	125	10,128	31	13,339	158	9.1
South Atlantic . . . . .		21,932	1,112	20,161	525	21,760	203	16,210	91	21,932	293	4.9
East South Central . . . . .		9,261	524	8,705	232	9,228	94	7,921	55	9,261	143	7.5
West South Central . . . . .		11,389	773	11,357	285	11,362	180	9,590	95	11,389	214	5.8
Mountain . . . . .		6,126	406	5,991	228	6,094	82	1,993	10	6,126	86	7.5
Pacific . . . . .		18,927	1,019	18,126	418	18,870	274	6,175	23	18,927	303	3.8
Type of Home												
Mobile Home . . . . .		3,695	339	3,514	175	3,674	60	2,216	16	3,695	88	10.5
Single-Family												
Detached . . . . .		114,202	6,906	109,895	3,882	113,687	1,242	66,447	283	114,202	1,499	2.6
Single-Family												
Attached . . . . .		5,848	322	5,796	176	5,848	66	3,542	12	5,848	68	14.3
2 to 4 Units . . . . .		10,507	924	10,313	582	10,496	168	5,383	19	10,507	154	7.2
5 or More Units . . . . .		9,939	798	9,640	451	9,686	173	6,552	34	9,939	140	8.2
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		7,893	816	7,257	408	7,738	167	3,876	28	7,893	212	6.3
1,001 to 2,000 . . . . .		38,104	2,864	36,749	1,486	37,901	570	21,865	142	38,104	667	3.0
2,001 to 5,000 . . . . .		79,655	4,510	77,095	2,713	79,467	765	46,774	152	79,655	880	3.4
5,001 to 10,000 . . . . .		11,645	614	11,332	392	11,477	100	6,609	17	11,645	105	9.6
10,001 to 25,000 . . . . .		3,946	254	3,790	142	3,861	52	2,847	13	3,946	46	13.1
25,001 to 50,000 . . . . .		1,182	88	1,182	44	1,182	20	782	6	1,182	18	28.4
50,001 to 100,000 . . . . .		986	71	981	40	986	17	760	Q	986	11	28.4
100,001 to 200,000 . . . . .		434	41	426	23	434	11	389	1	434	6	25.3
Over 200,000 . . . . .		346	30	346	Q	346	Q	239	Q	346	5	52.3
Year Constructed												
1939 or Before . . . . .		44,348	3,126	42,151	2,027	43,904	504	19,929	44	44,348	551	5.3
1940 to 1949 . . . . .		11,133	784	10,415	453	11,094	139	6,470	26	11,133	167	7.9
1950 to 1959 . . . . .		23,300	1,578	22,644	878	23,088	302	13,324	62	23,300	336	5.4
1960 to 1969 . . . . .		26,662	1,808	26,030	954	26,578	366	17,952	93	26,662	395	5.8
1970 to 1979 . . . . .		35,688	1,862	34,931	895	35,668	372	24,785	129	35,688	465	5.1
1980 to 1981 . . . . .		3,060	130	2,988	58	3,060	27	1,681	9	3,060	37	13.7

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 1981 Residential Energy Consumption Survey.

**Table R16A.81p. Primary Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1981**

Building Characteristics	End Uses										RSE Row Factors
	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)	
	0.6	0.8	1.3	1.5	1.4	1.4	1.0	1.4	0.6	0.6	
RSE Column Factors:	0.6	0.8	1.3	1.5	1.4	1.4	1.0	1.4	0.6	0.6	
All Buildings . . . . .	66,174	7,414	17,053	922	22,534	928	37,250	1,049	66,174	4,515	2.8
Census Region											
Northeast . . . . .	12,178	1,216	2,319	159	2,878	126	5,697	72	12,178	859	7.1
Midwest . . . . .	17,462	1,708	2,264	193	4,343	173	10,212	175	17,462	1,168	6.8
South . . . . .	23,534	3,080	8,182	341	11,708	455	17,399	709	23,534	1,574	3.9
West . . . . .	13,000	1,410	4,287	229	3,605	174	3,943	93	13,000	914	6.6
Census Division											
New England . . . . .	2,932	278	764	36	730	30	1,153	7	2,932	205	9.2
Middle Atlantic . . . . .	9,246	938	1,555	123	2,148	96	4,544	65	9,246	654	8.5
East North Central . . . . .	12,039	1,110	1,389	116	3,079	119	6,164	84	12,039	790	11.5
West North Central . . . . .	5,423	598	875	76	1,264	54	4,047	90	5,423	378	12.4
South Atlantic . . . . .	11,325	1,458	4,453	160	7,212	276	7,459	275	11,325	748	5.8
East South Central . . . . .	5,085	776	2,273	121	3,168	128	4,185	159	5,085	368	7.7
West South Central . . . . .	7,124	845	1,455	60	1,328	51	5,754	275	7,124	459	8.5
Mountain . . . . .	3,390	334	894	52	823	Q	981	32	3,390	214	14.0
Pacific . . . . .	9,610	1,076	3,393	177	2,782	138	2,962	61	9,610	700	7.6
Type of Home											
Mobile Home . . . . .	4,187	385	1,269	56	2,532	83	2,509	49	4,187	196	11.9
Single-Family											
Detached . . . . .	54,555	5,576	13,625	580	18,117	676	30,770	806	54,555	3,514	3.5
Single-Family											
Attached . . . . .	3,000	233	891	30	801	22	1,753	37	3,000	144	20.7
2 to 4 Units . . . . .	3,480	526	936	85	800	58	1,647	55	3,480	328	8.4
5 or More Units . . . . .	953	695	332	171	285	89	570	102	953	333	10.2
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	10,236	753	2,537	72	4,542	138	4,981	86	10,236	457	8.1
1,001 to 2,000 . . . . .	25,913	2,581	7,227	289	9,117	334	14,806	411	25,913	1,546	4.5
2,001 to 5,000 . . . . .	27,861	3,242	6,690	393	8,301	358	16,189	426	27,861	2,065	5.0
5,001 to 10,000 . . . . .	1,816	395	455	66	453	39	1,021	50	1,816	240	12.1
10,001 to 25,000 . . . . .	296	246	118	60	98	33	216	39	296	114	18.7
25,001 to 50,000 . . . . .	34	95	18	22	15	14	22	17	34	42	32.5
50,001 to 100,000 . . . . .	14	53	Q	9	Q	6	11	Q	14	27	36.2
100,001 to 200,000 . . . . .	3	29	Q	Q	Q	Q	3	4	3	14	39.4
Over 200,000 . . . . .	1	19	Q	Q	Q	Q	1	Q	1	10	62.5
Year Constructed											
1939 or Before . . . . .	18,995	1,601	2,966	124	4,821	175	7,956	121	18,995	1,180	7.2
1940 to 1949 . . . . .	6,048	566	1,469	48	2,087	75	3,407	74	6,048	369	9.7
1950 to 1959 . . . . .	11,671	1,104	2,388	84	2,919	106	6,726	166	11,671	748	6.5
1960 to 1969 . . . . .	12,514	1,520	3,058	162	3,872	167	8,018	270	12,514	920	7.0
1970 to 1979 . . . . .	15,442	2,385	6,190	444	7,808	360	10,304	389	15,442	1,193	6.1
1980 to 1981 . . . . .	1,505	238	982	61	1,028	44	838	28	1,505	105	14.6

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 1981 Residential Energy Consumption Survey.

**Table R16A.81s. Site Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1981**

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	1.5	NF	1.6	NF	1.1		NF
All Buildings		66,174	2,420	17,053	301	22,534	303	37,250	342	66,174	1,474	2.4
Census Region												
Northeast		12,178	397	2,319	52	2,878	41	5,697	24	12,178	280	5.9
Midwest		17,462	558	2,264	63	4,343	56	10,212	57	17,462	381	5.9
South		23,534	1,005	8,182	111	11,708	148	17,399	231	23,534	514	3.3
West		13,000	460	4,287	75	3,605	57	3,943	30	13,000	298	5.4
Census Division												
New England		2,932	91	764	12	730	10	1,153	2	2,932	67	8.5
Middle Atlantic		9,246	306	1,555	40	2,148	31	4,544	21	9,246	213	7.2
East North Central		12,039	362	1,389	38	3,079	39	6,164	28	12,039	258	10.2
West North Central		5,423	195	875	25	1,264	18	4,047	29	5,423	123	11.0
South Atlantic		11,325	476	4,453	52	7,212	90	7,459	90	11,325	244	5.3
East South Central		5,085	253	2,273	39	3,168	42	4,185	52	5,085	120	7.4
West South Central		7,124	276	1,455	20	1,328	17	5,754	90	7,124	150	7.4
Mountain		3,390	109	894	17	823	Q	981	10	3,390	70	13.0
Pacific		9,610	351	3,393	58	2,782	45	2,962	20	9,610	228	6.4
Type of Home												
Mobile Home		4,187	126	1,269	18	2,532	27	2,509	16	4,187	64	10.7
Single-Family												
Detached		54,555	1,820	13,625	189	18,117	221	30,770	263	54,555	1,147	2.9
Single-Family												
Attached		3,000	76	891	10	801	7	1,753	12	3,000	47	18.5
2 to 4 Units		3,480	172	936	28	800	19	1,647	18	3,480	107	7.6
5 or More Units		953	227	332	56	285	29	570	33	953	109	9.7
Building Floorspace (square feet)												
Fewer than 1,001		10,236	246	2,537	24	4,542	45	4,981	28	10,236	149	7.5
1,001 to 2,000		25,913	842	7,227	94	9,117	109	14,806	134	25,913	504	3.9
2,001 to 5,000		27,861	1,058	6,690	128	8,301	117	16,189	139	27,861	674	4.4
5,001 to 10,000		1,816	129	455	21	453	13	1,021	16	1,816	78	11.6
10,001 to 25,000		296	80	118	19	98	11	216	13	296	37	17.6
25,001 to 50,000		34	31	18	7	15	5	22	6	34	14	32.2
50,001 to 100,000		14	17	Q	3	Q	2	11	Q	14	9	36.2
100,001 to 200,000		3	10	Q	Q	Q	Q	3	1	3	5	37.3
Over 200,000		1	6	Q	Q	Q	Q	1	Q	1	4	57.5
Year Constructed												
1939 or Before		18,995	522	2,966	40	4,821	57	7,956	40	18,995	385	6.2
1940 to 1949		6,048	185	1,469	16	2,087	24	3,407	24	6,048	120	8.5
1950 to 1959		11,671	360	2,388	27	2,919	35	6,726	54	11,671	244	5.9
1960 to 1969		12,514	496	3,058	53	3,872	54	8,018	88	12,514	300	6.4
1970 to 1979		15,442	779	6,190	145	7,808	118	10,304	127	15,442	389	5.8
1980 to 1981		1,505	78	982	20	1,028	14	838	9	1,505	34	13.6

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 1981 Residential Energy Consumption Survey.



**Table R16B.81p. Primary Electricity Consumption and Floorspace by End Use in Residential Buildings, 1981**

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	1.5	NF	1.5	NF	1.1	NF	0.7	NF	
All Buildings . . . . .		144,183	7,414	37,415	922	45,977	928	84,141	1,049	144,183	4,515	2.6
Census Region												
Northeast . . . . .		35,083	1,216	7,003	159	7,794	126	17,161	72	35,083	859	5.7
Midwest . . . . .		41,473	1,708	5,871	193	9,998	173	25,091	175	41,473	1,168	6.0
South . . . . .		42,582	3,080	16,170	341	21,101	455	33,722	709	42,582	1,574	3.9
West . . . . .		25,045	1,410	8,371	229	7,085	174	8,168	93	25,045	914	4.5
Census Division												
New England . . . . .		8,343	278	2,272	36	1,865	30	3,426	7	8,343	205	8.5
Middle Atlantic . . . . .		26,741	938	4,730	123	5,929	96	13,734	65	26,741	654	7.0
East North Central . . . . .		28,134	1,110	3,571	116	6,746	119	14,963	84	28,134	790	9.2
West North Central . . . . .		13,339	598	2,300	76	3,252	54	10,128	90	13,339	378	11.7
South Atlantic . . . . .		21,932	1,458	8,845	160	12,852	276	16,210	275	21,932	748	6.1
East South Central . . . . .		9,261	776	4,405	121	5,745	128	7,921	159	9,261	368	8.8
West South Central . . . . .		11,389	845	2,921	60	2,503	51	9,590	275	11,389	459	9.3
Mountain . . . . .		6,117	334	1,561	52	1,404	Q	1,993	32	6,117	214	13.1
Pacific . . . . .		18,927	1,076	6,810	177	5,681	138	6,175	61	18,927	700	5.4
Type of Home												
Mobile Home . . . . .		3,693	385	1,059	56	2,226	83	2,216	49	3,693	196	11.6
Single-Family												
Detached . . . . .		114,199	5,576	28,463	580	36,606	676	66,447	806	114,199	3,514	3.5
Single-Family												
Attached . . . . .		5,846	233	1,635	30	1,483	22	3,542	37	5,846	144	19.4
2 to 4 Units . . . . .		10,507	526	2,426	85	2,373	58	5,383	55	10,507	328	8.7
5 or More Units . . . . .		9,939	695	3,833	171	3,290	89	6,552	102	9,939	333	10.2
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		7,884	753	1,930	72	3,481	138	3,876	86	7,884	457	7.4
1,001 to 2,000 . . . . .		38,104	2,581	10,510	289	13,341	334	21,865	411	38,104	1,546	3.8
2,001 to 5,000 . . . . .		79,655	3,242	19,061	393	23,797	358	46,774	426	79,655	2,065	4.5
5,001 to 10,000 . . . . .		11,645	395	2,952	66	2,870	39	6,609	50	11,645	240	11.8
10,001 to 25,000 . . . . .		3,946	246	1,580	60	1,364	33	2,847	39	3,946	114	17.3
25,001 to 50,000 . . . . .		1,182	95	638	22	523	14	782	17	1,182	42	31.6
50,001 to 100,000 . . . . .		986	53	Q	9	Q	6	760	Q	986	27	38.0
100,001 to 200,000 . . . . .		434	29	Q	Q	Q	Q	389	4	434	14	37.0
Over 200,000 . . . . .		346	19	Q	Q	Q	Q	239	Q	346	10	65.5
Year Constructed												
1939 or Before . . . . .		44,342	1,601	7,323	124	10,392	175	19,929	121	44,342	1,180	7.3
1940 to 1949 . . . . .		11,133	566	2,613	48	3,742	75	6,470	74	11,133	369	9.4
1950 to 1959 . . . . .		23,300	1,104	4,405	84	5,467	106	13,324	166	23,300	748	6.3
1960 to 1969 . . . . .		26,659	1,520	6,659	162	7,384	167	17,952	270	26,659	920	6.9
1970 to 1979 . . . . .		35,688	2,385	14,489	444	17,000	360	24,785	389	35,688	1,193	6.0
1980 to 1981 . . . . .		3,060	238	1,925	61	1,992	44	1,681	28	3,060	105	14.0

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 1981 Residential Energy Consumption Survey.

**Table R16B.81s. Site Electricity Consumption and Floorspace by End Use in Residential Buildings, 1981**

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	1.5	NF	1.5	NF	1.1	NF	0.7	NF	
All Buildings . . . . .		144,183	2,420	37,415	301	45,977	303	84,141	342	144,183	1,474	2.6
Census Region												
Northeast . . . . .		35,083	397	7,003	52	7,794	41	17,161	24	35,083	280	5.7
Midwest . . . . .		41,473	558	5,871	63	9,998	56	25,091	57	41,473	381	6.0
South . . . . .		42,582	1,005	16,170	111	21,101	148	33,722	231	42,582	514	3.9
West . . . . .		25,045	460	8,371	75	7,085	57	8,168	30	25,045	298	4.5
Census Division												
New England . . . . .		8,343	91	2,272	12	1,865	10	3,426	2	8,343	67	8.5
Middle Atlantic . . . . .		26,741	306	4,730	40	5,929	31	13,734	21	26,741	213	7.0
East North Central . . . . .		28,134	362	3,571	38	6,746	39	14,963	28	28,134	258	9.2
West North Central . . . . .		13,339	195	2,300	25	3,252	18	10,128	29	13,339	123	11.7
South Atlantic . . . . .		21,932	476	8,845	52	12,852	90	16,210	90	21,932	244	6.1
East South Central . . . . .		9,261	253	4,405	39	5,745	42	7,921	52	9,261	120	8.8
West South Central . . . . .		11,389	276	2,921	20	2,503	17	9,590	90	11,389	150	9.3
Mountain . . . . .		6,117	109	1,561	17	1,404	Q	1,993	10	6,117	70	13.1
Pacific . . . . .		18,927	351	6,810	58	5,681	45	6,175	20	18,927	228	5.4
Type of Home												
Mobile Home . . . . .		3,693	126	1,059	18	2,226	27	2,216	16	3,693	64	11.6
Single-Family												
Detached . . . . .		114,199	1,820	28,463	189	36,606	221	66,447	263	114,199	1,147	3.5
Single-Family												
Attached . . . . .		5,846	76	1,635	10	1,483	7	3,542	12	5,846	47	19.4
2 to 4 Units . . . . .		10,507	172	2,426	28	2,373	19	5,383	18	10,507	107	8.7
5 or More Units . . . . .		9,939	227	3,833	56	3,290	29	6,552	33	9,939	109	10.2
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		7,884	246	1,930	24	3,481	45	3,876	28	7,884	149	7.4
1,001 to 2,000 . . . . .		38,104	842	10,510	94	13,341	109	21,865	134	38,104	504	3.8
2,001 to 5,000 . . . . .		79,655	1,058	19,061	128	23,797	117	46,774	139	79,655	674	4.5
5,001 to 10,000 . . . . .		11,645	129	2,952	21	2,870	13	6,609	16	11,645	78	11.8
10,001 to 25,000 . . . . .		3,946	80	1,580	19	1,364	11	2,847	13	3,946	37	17.3
25,001 to 50,000 . . . . .		1,182	31	638	7	523	5	782	6	1,182	14	31.6
50,001 to 100,000 . . . . .		986	17	Q	3	Q	2	760	Q	986	9	38.0
100,001 to 200,000 . . . . .		434	10	Q	Q	Q	Q	389	1	434	5	37.0
Over 200,000 . . . . .		346	6	Q	Q	Q	Q	239	Q	346	4	65.5
Year Constructed												
1939 or Before . . . . .		44,342	522	7,323	40	10,392	57	19,929	40	44,342	385	7.3
1940 to 1949 . . . . .		11,133	185	2,613	16	3,742	24	6,470	24	11,133	120	9.4
1950 to 1959 . . . . .		23,300	360	4,405	27	5,467	35	13,324	54	23,300	244	6.3
1960 to 1969 . . . . .		26,659	496	6,659	53	7,384	54	17,952	88	26,659	300	6.9
1970 to 1979 . . . . .		35,688	779	14,489	145	17,000	118	24,785	127	35,688	389	6.0
1980 to 1981 . . . . .		3,060	78	1,925	20	1,992	14	1,681	9	3,060	34	14.0

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 1981 Residential Energy Consumption Survey.

**Table R17A.81. Natural Gas Consumption and Number of Buildings by End Use in Residential Buildings, 1981**

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 . . . . .	41,636	5,273	38,736	3,692	36,755	1,133	29,872	427	3.4
Census Region									
Northeast . . . . .	6,900	1,007	5,072	708	5,765	193	5,952	103	11.2
Midwest . . . . .	13,081	2,223	12,930	1,746	11,890	349	9,132	122	4.5
South . . . . .	12,216	1,148	11,682	720	10,192	302	8,720	116	7.1
West . . . . .	9,438	895	9,052	518	8,908	288	6,067	86	6.3
Census Division									
New England . . . . .	1,123	169	786	116	979	37	870	16	14.8
Middle Atlantic . . . . .	5,776	838	4,287	592	4,786	156	5,082	87	12.8
East North Central . . . . .	9,251	1,667	9,181	1,314	8,304	255	6,765	93	5.8
West North Central . . . . .	3,830	556	3,749	432	3,586	94	2,367	29	11.2
South Atlantic . . . . .	4,099	448	3,752	314	3,095	96	2,750	36	15.6
East South Central . . . . .	2,395	236	2,370	163	1,770	50	1,359	20	12.1
West South Central . . . . .	5,722	465	5,559	243	5,327	157	4,611	60	5.5
Mountain . . . . .	2,569	278	2,504	197	2,399	67	1,291	14	12.3
Pacific . . . . .	6,870	617	6,549	321	6,509	221	4,776	72	7.1
Type of Home									
Mobile Home . . . . .	1,319	118	1,286	83	1,067	23	1,125	12	20.6
Single-Family Detached . . . . .	34,812	4,056	33,111	2,842	30,976	877	24,378	318	3.6
Single-Family Attached . . . . .	2,128	192	1,737	121	1,972	49	1,887	21	13.5
2 to 4 Units . . . . .	2,738	579	2,132	420	2,233	112	2,082	46	7.5
5 or More Units . . . . .	639	329	469	226	508	71	399	31	11.4
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	5,329	428	5,093	273	4,435	106	4,213	48	8.7
1,001 to 2,000 . . . . .	16,814	1,653	15,865	1,092	14,731	408	11,823	145	4.4
2,001 to 5,000 . . . . .	18,007	2,671	16,574	1,947	16,409	521	12,839	190	5.5
5,001 to 10,000 . . . . .	1,271	346	1,048	259	1,012	61	859	26	13.5
10,001 to 25,000 . . . . .	185	114	145	82	156	23	114	9	19.4
25,001 to 50,000 . . . . .	18	23	7	Q	9	5	15	4	37.5
50,001 to 100,000 . . . . .	8	17	Q	Q	3	3	7	2	25.3
100,001 to 200,000 . . . . .	3	11	Q	7	1	2	2	1	31.5
Over 200,000 . . . . .	1	11	1	Q	1	Q	Q	Q	48.5
Year Constructed									
1939 or Before . . . . .	13,216	1,893	11,515	1,407	11,362	334	10,481	148	5.5
1940 to 1949 . . . . .	4,214	466	3,884	327	3,406	94	3,109	43	8.7
1950 to 1959 . . . . .	8,496	977	8,137	657	7,770	225	6,180	87	6.7
1960 to 1969 . . . . .	8,318	1,049	8,074	698	7,676	259	5,525	87	7.3
1970 to 1979 . . . . .	6,914	844	6,678	571	6,133	210	4,340	60	7.8
1980 to 1981 . . . . .	478	45	449	32	408	11	237	2	25.3

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 1981 Residential Energy Consumption Survey.

**Table R17B.81. Natural Gas Consumption and Floorspace by End Use in Residential Buildings, 1981**

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 . . . . .	92,768	5,273	83,685	3,692	81,106	1,133	65,521	427	3.6
Census Region									
Northeast . . . . .	20,232	1,007	13,850	708	15,915	193	17,368	103	10.9
Midwest . . . . .	31,952	2,223	31,288	1,746	28,894	349	21,838	122	5.2
South . . . . .	22,242	1,148	20,987	720	19,032	302	15,475	116	8.5
West . . . . .	18,341	895	17,559	518	17,265	288	10,839	86	4.7
Census Division									
New England . . . . .	3,345	169	2,234	116	2,857	37	2,499	16	14.2
Middle Atlantic . . . . .	16,888	838	11,616	592	13,057	156	14,870	87	12.4
East North Central . . . . .	22,241	1,667	21,943	1,314	20,074	255	15,698	93	6.4
West North Central . . . . .	9,711	556	9,345	432	8,820	94	6,139	29	10.7
South Atlantic . . . . .	9,142	448	8,269	314	7,440	96	6,391	36	17.5
East South Central . . . . .	4,365	236	4,328	163	3,430	50	2,387	20	13.4
West South Central . . . . .	8,735	465	8,390	243	8,162	157	6,698	60	6.5
Mountain . . . . .	4,654	278	4,545	197	4,443	67	1,974	14	12.1
Pacific . . . . .	13,687	617	13,014	321	12,822	221	8,866	72	4.7
Type of Home									
Mobile Home . . . . .	1,233	118	1,211	83	1,006	23	1,018	12	21.6
Single-Family Detached . . . . .	72,406	4,056	68,083	2,842	64,680	877	50,161	318	4.3
Single-Family Attached . . . . .	4,180	192	3,294	121	3,960	49	3,785	21	15.6
2 to 4 Units . . . . .	8,494	579	6,881	420	6,863	112	6,433	46	8.5
5 or More Units . . . . .	6,455	329	4,216	226	4,597	71	4,124	31	11.2
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	4,196	428	4,029	273	3,498	106	3,256	48	8.6
1,001 to 2,000 . . . . .	24,903	1,653	23,396	1,092	21,764	408	17,397	145	4.3
2,001 to 5,000 . . . . .	51,255	2,671	47,009	1,947	46,501	521	36,434	190	5.6
5,001 to 10,000 . . . . .	8,202	346	6,682	259	6,509	61	5,557	26	13.5
10,001 to 25,000 . . . . .	2,420	114	1,840	82	1,970	23	1,527	9	18.3
25,001 to 50,000 . . . . .	646	23	227	Q	312	5	537	4	37.2
50,001 to 100,000 . . . . .	525	17	Q	Q	207	3	447	2	25.8
100,001 to 200,000 . . . . .	337	11	143	7	155	2	236	1	35.6
Over 200,000 . . . . .	285	11	Q	Q	Q	Q	Q	Q	54.0
Year Constructed									
1939 or Before . . . . .	31,575	1,893	26,280	1,407	26,821	334	24,660	148	5.9
1940 to 1949 . . . . .	7,498	466	6,760	327	6,054	94	5,487	43	8.8
1950 to 1959 . . . . .	17,047	977	15,785	657	15,139	225	12,459	87	7.0
1960 to 1969 . . . . .	18,243	1,049	17,076	698	16,685	259	11,914	87	7.9
1970 to 1979 . . . . .	17,306	844	16,760	571	15,493	210	10,500	60	8.3
1980 to 1981 . . . . .	1,099	45	1,023	32	913	11	500	2	25.4

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 1981 Residential Energy Consumption Survey.

**Table R19.81. Total Expenditures (1987 and 1981 Dollars) for All End Uses by Energy Source in Residential Buildings, 1981 (Million Dollars)**

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil¹		
	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
	RSE Column Factors:	0.6	0.6	0.7	0.7	1.1	1.1	1.9	
All Buildings . . . . .	103,512	83,016	55,855	44,796	29,959	24,027	14,199	11,387	2.5
Census Region									
Northeast . . . . .	30,517	24,475	12,549	10,064	7,258	5,821	10,287	8,250	4.4
Midwest . . . . .	27,358	21,941	12,473	10,003	11,581	9,288	2,013	1,614	4.8
South . . . . .	31,209	25,030	21,641	17,356	6,632	5,319	1,554	1,247	6.4
West . . . . .	14,428	11,571	9,193	7,372	4,488	3,599	344	276	5.2
Census Division									
New England . . . . .	7,358	5,901	2,825	2,265	1,498	1,202	2,890	2,318	8.1
Middle Atlantic . . . . .	23,159	18,574	9,724	7,799	5,760	4,619	7,397	5,933	5.3
East North Central . . . . .	19,409	15,566	8,406	6,742	8,860	7,086	1,465	1,175	7.2
West North Central . . . . .	7,949	6,375	4,067	3,262	2,745	2,202	548	440	12.8
South Atlantic . . . . .	15,922	12,770	10,793	8,656	2,929	2,349	1,382	1,108	10.1
East South Central . . . . .	6,226	4,993	4,627	3,711	1,216	975	157	126	11.2
West South Central . . . . .	9,062	7,267	6,220	4,989	2,488	1,995	Q	Q	6.7
Mountain . . . . .	3,787	3,037	2,203	1,767	1,397	1,120	Q	Q	9.4
Pacific . . . . .	10,641	8,534	6,990	5,606	3,091	2,479	304	244	6.4
Type of Home									
Mobile Home . . . . .	4,422	3,547	2,684	2,153	644	516	420	337	16.2
Single-Family									
Detached . . . . .	74,206	59,513	40,721	32,658	22,096	17,721	8,647	6,935	3.5
Single-Family									
Attached . . . . .	3,855	3,092	1,988	1,594	1,262	1,012	602	483	18.8
2 to 4 Units . . . . .	10,249	8,220	4,521	3,626	3,795	3,044	1,855	1,488	8.6
5 or More Units . . . . .	10,779	8,645	5,942	4,765	2,162	1,734	2,674	2,145	10.8
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	9,438	7,570	5,480	4,395	2,316	1,858	847	679	8.9
1,001 to 2,000 . . . . .	32,053	25,707	18,811	15,086	9,142	7,332	2,674	2,144	5.2
2,001 to 5,000 . . . . .	48,411	38,826	24,545	19,685	15,261	12,239	7,402	5,936	4.5
5,001 to 10,000 . . . . .	6,621	5,310	3,072	2,464	2,007	1,609	1,486	1,192	9.7
10,001 to 25,000 . . . . .	3,338	2,677	1,951	1,565	734	589	636	510	16.2
25,001 to 50,000 . . . . .	1,498	1,202	924	741	191	153	Q	Q	35.5
50,001 to 100,000 . . . . .	1,099	881	559	448	135	108	406	325	30.2
100,001 to 200,000 . . . . .	617	495	313	251	78	63	226	181	19.9
Over 200,000 . . . . .	Q	Q	201	161	95	76	Q	Q	46.1
Year Constructed									
1939 or Before . . . . .	31,996	25,660	13,067	10,479	11,063	8,873	6,442	5,167	6.0
1940 to 1949 . . . . .	8,368	6,711	4,246	3,405	2,635	2,113	1,266	1,015	9.1
1950 to 1959 . . . . .	16,411	13,161	8,491	6,810	5,241	4,203	2,456	1,970	6.6
1960 to 1969 . . . . .	20,572	16,498	11,667	9,357	6,007	4,818	2,378	1,907	6.2
1970 to 1979 . . . . .	24,245	19,445	16,785	13,462	4,770	3,825	1,631	1,308	6.9
1980 to 1981 . . . . .	1,921	1,540	1,599	1,283	243	195	Q	Q	20.2

<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 1981 Residential Energy Consumption Survey.

**Table R20.81. Total Expenditures (1987 and 1981 Dollars) for Space Heating by Energy Source in Residential Buildings, 1981 (Million Dollars)**

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil¹		
	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	40,605	32,565	5,898	4,730	20,718	16,616	11,775	9,443	
Census Region									
Northeast . . . . .	14,323	11,487	1,297	1,040	4,866	3,902	8,020	6,432	
Midwest . . . . .	13,247	10,624	1,263	1,013	9,094	7,294	1,970	1,580	
South . . . . .	8,742	7,011	2,241	1,797	4,134	3,316	1,454	1,166	
West . . . . .	4,294	3,443	1,097	879	2,624	2,104	331	266	
Census Division									
New England . . . . .	3,653	2,930	336	269	994	797	2,291	1,837	
Middle Atlantic . . . . .	10,670	8,557	961	771	3,872	3,105	5,729	4,595	
East North Central . . . . .	9,695	7,775	787	632	6,978	5,596	1,451	1,164	
West North Central . . . . .	3,552	2,848	476	382	2,117	1,698	519	416	
South Atlantic . . . . .	4,966	3,983	1,119	897	2,040	1,636	1,285	1,031	
East South Central . . . . .	1,860	1,492	702	563	837	671	157	126	
West South Central . . . . .	1,916	1,536	420	337	1,258	1,009	Q	Q	
Mountain . . . . .	1,391	1,116	279	224	968	776	Q	Q	
Pacific . . . . .	2,902	2,328	817	655	1,656	1,328	291	234	
Type of Home									
Mobile Home . . . . .	1,601	1,284	323	259	454	364	412	330	
Single-Family									
Detached . . . . .	28,328	22,719	3,596	2,884	15,422	12,368	7,545	6,051	
Single-Family									
Attached . . . . .	1,487	1,192	191	153	799	641	496	398	
2 to 4 Units . . . . .	4,723	3,788	583	467	2,652	2,127	1,451	1,164	
5 or More Units . . . . .	4,466	3,582	1,205	967	1,391	1,116	1,870	1,500	
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	3,158	2,533	431	346	1,469	1,178	796	638	
1,001 to 2,000 . . . . .	11,092	8,896	1,763	1,414	6,027	4,834	2,314	1,856	
2,001 to 5,000 . . . . .	20,463	16,412	2,518	2,019	10,980	8,806	6,238	5,003	
5,001 to 10,000 . . . . .	3,124	2,505	429	344	1,472	1,180	1,197	960	
10,001 to 25,000 . . . . .	1,364	1,094	408	327	503	404	442	354	
25,001 to 50,000 . . . . .	532	426	179	144	Q	Q	Q	Q	
50,001 to 100,000 . . . . .	438	351	74	59	Q	Q	Q	Q	
100,001 to 200,000 . . . . .	251	201	Q	Q	44	35	151	121	
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	
Year Constructed									
1939 or Before . . . . .	15,217	12,204	825	661	8,015	6,428	5,416	4,343	
1940 to 1949 . . . . .	3,316	2,660	295	236	1,803	1,446	1,089	874	
1950 to 1959 . . . . .	6,186	4,961	557	447	3,499	2,806	2,021	1,620	
1960 to 1969 . . . . .	7,253	5,817	1,045	838	3,985	3,196	1,886	1,513	
1970 to 1979 . . . . .	8,020	6,432	2,796	2,243	3,241	2,599	1,341	1,075	
1980 to 1981 . . . . .	613	491	380	305	175	140	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 1981 Residential Energy Consumption Survey.

**Table R21.81. Total Expenditures (1987 and 1981 Dollars) for Air Conditioning and Appliances by Energy Source in Residential Buildings, 1981 (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	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	7,879	6,319	39,280	31,503	35,920	28,808	2,706	2,170	
Census Region									
Northeast . . . . .	851	683	10,517	8,435	9,370	7,515	962	772	
Midwest . . . . .	1,245	999	9,590	7,691	8,796	7,054	646	518	
South . . . . .	5,044	4,045	12,163	9,755	11,226	9,003	671	538	
West . . . . .	739	593	7,011	5,622	6,529	5,236	427	342	
Census Division									
New England . . . . .	76	61	2,369	1,900	2,141	1,717	163	131	
Middle Atlantic . . . . .	775	622	8,148	6,535	7,228	5,797	799	640	
East North Central . . . . .	643	516	6,735	5,401	6,161	4,941	484	388	
West North Central . . . . .	602	483	2,855	2,290	2,635	2,113	162	130	
South Atlantic . . . . .	2,081	1,669	5,998	4,810	5,572	4,469	244	196	
East South Central . . . . .	956	766	2,363	1,895	2,224	1,784	102	81	
West South Central . . . . .	2,007	1,609	3,802	3,049	3,429	2,750	325	261	
Mountain . . . . .	244	196	1,589	1,274	1,495	1,199	78	62	
Pacific . . . . .	495	397	5,422	4,348	5,034	4,037	349	280	
Type of Home									
Mobile Home . . . . .	369	296	1,657	1,329	1,428	1,146	65	52	
Single-Family Detached . . . . .	5,878	4,714	29,107	23,344	26,848	21,532	1,797	1,441	
Single-Family Attached . . . . .	324	260	1,466	1,175	1,314	1,054	148	119	
2 to 4 Units . . . . .	445	357	3,493	2,801	3,097	2,484	373	299	
5 or More Units . . . . .	864	693	3,557	2,853	3,233	2,593	323	259	
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	649	520	3,951	3,169	3,469	2,782	283	227	
1,001 to 2,000 . . . . .	3,044	2,441	12,876	10,326	11,811	9,472	850	682	
2,001 to 5,000 . . . . .	3,168	2,541	17,916	14,369	16,522	13,251	1,182	948	
5,001 to 10,000 . . . . .	377	303	2,220	1,781	2,014	1,615	180	144	
10,001 to 25,000 . . . . .	314	252	1,088	873	1,002	804	85	68	
25,001 to 50,000 . . . . .	154	123	542	435	475	381	67	54	
50,001 to 100,000 . . . . .	99	79	356	286	335	269	21	17	
100,001 to 200,000 . . . . .	44	35	190	152	171	137	19	15	
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	
Year Constructed									
1939 or Before . . . . .	945	758	11,387	9,133	10,131	8,125	1,032	827	
1940 to 1949 . . . . .	564	452	3,191	2,559	2,885	2,313	263	211	
1950 to 1959 . . . . .	1,258	1,009	6,555	5,257	5,975	4,792	514	412	
1960 to 1969 . . . . .	2,081	1,669	8,062	6,466	7,418	5,949	541	434	
1970 to 1979 . . . . .	2,825	2,266	9,341	7,492	8,786	7,046	345	277	
1980 to 1981 . . . . .	206	165	743	596	726	582	11	9	

<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 1981 Residential Energy Consumption Survey.

**Table R22.81. Total Expenditures (1987 and 1981 Dollars) by End Use in Residential Buildings, 1981  
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	103,512	83,016	40,605	32,565	15,603	12,514	8,024	6,435	39,280	31,503	1.3
Census Region											
Northeast . . . . .	30,517	24,475	14,323	11,487	4,810	3,857	867	696	10,517	8,435	2.2
Midwest . . . . .	27,358	21,941	13,247	10,624	3,248	2,605	1,273	1,021	9,590	7,691	2.7
South . . . . .	31,209	25,030	8,742	7,011	5,175	4,150	5,130	4,114	12,163	9,755	2.7
West . . . . .	14,428	11,571	4,294	3,443	2,371	1,901	753	604	7,011	5,622	2.7
Census Division											
New England . . . . .	7,358	5,901	3,653	2,930	1,259	1,010	77	62	2,369	1,900	5.4
Middle Atlantic . . . . .	23,159	18,574	10,670	8,557	3,550	2,847	791	634	8,148	6,535	2.7
East North Central . . . . .	19,409	15,566	9,695	7,775	2,312	1,854	667	535	6,735	5,401	4.8
West North Central . . . . .	7,949	6,375	3,552	2,848	936	751	606	486	2,855	2,290	9.0
South Atlantic . . . . .	15,922	12,770	4,966	3,983	2,866	2,298	2,093	1,678	5,998	4,810	4.1
East South Central . . . . .	6,226	4,993	1,860	1,492	1,030	826	972	780	2,363	1,895	5.9
West South Central . . . . .	9,062	7,267	1,916	1,536	1,279	1,026	2,065	1,656	3,802	3,049	4.7
Mountain . . . . .	3,787	3,037	1,391	1,116	562	450	245	196	1,589	1,274	5.3
Pacific . . . . .	10,641	8,534	2,902	2,328	1,809	1,451	508	408	5,422	4,348	4.2
Type of Home											
Mobile Home . . . . .	4,422	3,547	1,601	1,284	796	638	369	296	1,657	1,329	10.7
Single-Family											
Detached . . . . .	74,206	59,513	28,328	22,719	10,790	8,654	5,980	4,796	29,107	23,344	2.2
Single-Family											
Attached . . . . .	3,855	3,092	1,487	1,192	577	463	327	262	1,466	1,175	13.9
2 to 4 Units . . . . .	10,249	8,220	4,723	3,788	1,551	1,244	482	387	3,493	2,801	6.3
5 or More Units . . . . .	10,779	8,645	4,466	3,582	1,889	1,515	866	695	3,557	2,853	8.0
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	9,438	7,570	3,158	2,533	1,681	1,348	649	520	3,951	3,169	6.3
1,001 to 2,000 . . . . .	32,053	25,707	11,092	8,896	5,005	4,014	3,081	2,471	12,876	10,326	3.5
2,001 to 5,000 . . . . .	48,411	38,826	20,43	16,412	6,761	5,422	3,271	2,623	17,916	14,369	3.0
5,001 to 10,000 . . . . .	6,621	5,310	3,124	2,505	897	719	380	305	2,220	1,781	7.5
10,001 to 25,000 . . . . .	3,338	2,677	1,364	1,094	570	457	317	254	1,088	873	11.8
25,001 to 50,000 . . . . .	1,498	1,202	532	426	271	217	154	123	542	435	28.0
50,001 to 100,000 . . . . .	1,099	881	438	351	206	165	99	79	356	286	17.5
100,001 to 200,000 . . . . .	617	495	251	201	133	107	44	35	190	152	20.6
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before . . . . .	31,996	25,660	15,217	12,204	4,427	3,550	964	773	11,387	9,133	4.6
1940 to 1949 . . . . .	8,368	6,711	3,316	2,660	1,255	1,007	605	485	3,191	2,559	7.2
1950 to 1959 . . . . .	16,411	13,161	6,186	4,961	2,368	1,899	1,302	1,044	6,555	5,257	4.9
1960 to 1969 . . . . .	20,572	16,498	7,253	5,817	3,148	2,525	2,108	1,690	8,062	6,466	4.8
1970 to 1979 . . . . .	24,245	19,445	8,020	6,432	4,046	3,245	2,839	2,277	9,341	7,492	4.6
1980 to 1981 . . . . .	1,921	1,540	613	491	359	288	206	165	743	596	13.3

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 1981 Residential Energy Consumption Survey.



**Table R23.81. Electricity Expenditures (1987 and 1981 Dollars) by End Use in Residential Buildings, 1981  
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings	55,855	44,796	5,898	4,730	6,158	4,939	7,879	6,319	35,920	28,808	1.6
Census Region											
Northeast	12,549	10,064	1,297	1,040	1,031	827	851	683	9,370	7,515	3.4
Midwest	12,473	10,003	1,263	1,013	1,169	937	1,245	999	8,796	7,054	3.6
South	21,641	17,356	2,241	1,797	3,131	2,511	5,044	4,045	11,226	9,003	2.7
West	9,193	7,372	1,097	879	828	664	739	593	6,529	5,236	3.3
Census Division											
New England	2,825	2,265	336	269	272	218	76	61	2,141	1,717	5.5
Middle Atlantic	9,724	7,799	961	771	759	609	775	622	7,228	5,797	4.2
East North Central	8,406	6,742	787	632	814	653	643	516	6,161	4,941	6.0
West North Central	4,067	3,262	476	382	354	284	602	483	2,635	2,113	9.1
South Atlantic	10,793	8,656	1,119	897	2,021	1,621	2,081	1,669	5,572	4,469	5.1
East South Central	4,627	3,711	702	563	745	597	956	766	2,224	1,784	5.9
West South Central	6,220	4,989	420	337	364	292	2,007	1,609	3,429	2,750	6.8
Mountain	2,203	1,767	279	224	184	147	244	196	1,495	1,199	8.2
Pacific	6,990	5,606	817	655	644	517	495	397	5,034	4,037	4.7
Type of Home											
Mobile Home	2,684	2,153	323	259	564	453	369	296	1,428	1,146	11.0
Single-Family											
Detached	40,721	32,658	3,596	2,884	4,399	3,528	5,878	4,714	26,848	21,532	2.4
Single-Family											
Attached	1,988	1,594	191	153	159	128	324	260	1,314	1,054	15.9
2 to 4 Units	4,521	3,626	583	467	396	317	445	357	3,097	2,484	6.1
5 or More Units	5,942	4,765	1,205	967	640	513	864	693	3,233	2,593	7.5
Building Floorspace (square feet)											
Fewer than 1,001	5,480	4,395	431	346	931	747	649	520	3,469	2,782	6.0
1,001 to 2,000	18,811	15,086	1,763	1,414	2,194	1,759	3,044	2,441	11,811	9,472	3.2
2,001 to 5,000	24,545	19,685	2,518	2,019	2,337	1,874	3,168	2,541	16,522	13,251	3.2
5,001 to 10,000	3,072	2,464	429	344	252	202	377	303	2,014	1,615	8.6
10,001 to 25,000	1,951	1,565	408	327	227	182	314	252	1,002	804	15.5
25,001 to 50,000	924	741	179	144	116	93	154	123	475	381	26.5
50,001 to 100,000	559	448	74	59	51	41	99	79	335	269	23.6
100,001 to 200,000	313	251	Q	Q	Q	Q	44	35	171	137	36.0
Over 200,000	201	161	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before	13,067	10,479	825	661	1,166	935	945	758	10,131	8,125	5.3
1940 to 1949	4,246	3,405	295	236	503	403	564	452	2,885	2,313	8.6
1950 to 1959	8,491	6,810	557	447	701	562	1,258	1,009	5,975	4,792	5.1
1960 to 1969	11,667	9,357	1,045	838	1,123	901	2,081	1,669	7,418	5,949	5.1
1970 to 1979	16,785	13,462	2,796	2,243	2,378	1,907	2,825	2,266	8,786	7,046	4.7
1980 to 1981	1,599	1,283	380	305	287	230	206	165	726	582	13.7

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 1981 Residential Energy Consumption Survey.

**Table R24.81. Natural Gas Expenditures (1987 and 1981 Dollars) by End Use in Residential Buildings, 1981  
(Million Dollars)**

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	
All Buildings . . . . .	29,959	24,027	20,718	16,616	6,391	5,125	2,706	2,170	3.3
Census Region									
Northeast . . . . .	7,258	5,821	4,866	3,902	1,414	1,134	962	772	8.8
Midwest . . . . .	11,581	9,288	9,094	7,294	1,812	1,453	646	518	4.1
South . . . . .	6,632	5,319	4,134	3,316	1,740	1,395	671	538	8.8
West . . . . .	4,488	3,599	2,624	2,104	1,424	1,142	427	342	4.4
Census Division									
New England . . . . .	1,498	1,202	994	797	340	273	163	131	15.9
Middle Atlantic . . . . .	5,760	4,619	3,872	3,105	1,075	862	799	640	10.7
East North Central . . . . .	8,836	7,086	6,978	5,596	1,350	1,083	484	388	5.0
West North Central . . . . .	2,745	2,202	2,117	1,698	462	370	162	130	9.7
South Atlantic . . . . .	2,929	2,349	2,040	1,636	633	508	244	196	17.2
East South Central . . . . .	1,216	975	837	671	261	209	102	81	11.0
West South Central . . . . .	2,488	1,995	1,258	1,009	846	679	325	261	5.0
Mountain . . . . .	1,397	1,120	968	776	351	281	78	62	10.1
Pacific . . . . .	3,091	2,479	1,656	1,328	1,073	861	349	280	4.3
Type of Home									
Mobile Home . . . . .	644	516	454	364	125	100	65	52	24.3
Single-Family									
Detached . . . . .	22,096	17,721	15,422	12,368	4,776	3,830	1,797	1,441	4.0
Single-Family									
Attached . . . . .	1,262	1,012	799	641	312	250	148	119	12.5
2 to 4 Units . . . . .	3,795	3,044	2,652	2,127	733	588	373	299	7.5
5 or More Units . . . . .	2,162	1,734	1,391	1,116	445	357	323	259	10.1
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	2,316	1,858	1,469	1,178	564	453	283	227	9.0
1,001 to 2,000 . . . . .	9,142	7,332	6,027	4,834	2,228	1,787	850	682	3.8
2,001 to 5,000 . . . . .	15,261	12,239	10,980	8,806	2,996	2,403	1,182	948	5.7
5,001 to 10,000 . . . . .	2,007	1,609	1,472	1,180	353	283	180	144	11.2
10,001 to 25,000 . . . . .	734	589	503	404	144	115	85	68	16.7
25,001 to 50,000 . . . . .	191	153	Q	Q	38	30	67	54	31.8
50,001 to 100,000 . . . . .	135	108	Q	Q	26	20	21	17	41.2
100,001 to 200,000 . . . . .	78	63	44	35	15	12	19	15	36.5
Over 200,000 . . . . .	95	76	Q	Q	Q	Q	Q	Q	50.0
Year Constructed									
1939 or Before . . . . .	11,063	8,873	8,015	6,428	1,998	1,602	1,032	827	5.7
1940 to 1949 . . . . .	2,635	2,113	1,803	1,446	528	423	263	211	7.6
1950 to 1959 . . . . .	5,241	4,203	3,499	2,806	1,184	949	514	412	7.1
1960 to 1969 . . . . .	6,007	4,818	3,985	3,196	1,455	1,167	541	434	7.0
1970 to 1979 . . . . .	4,770	3,825	3,241	2,599	1,169	938	345	277	7.6
1980 to 1981 . . . . .	243	195	175	140	57	46	11	9	23.8

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 1981 Residential Energy Consumption Survey.

**Table R1.82. Residential Building and Housing Unit Characteristics, 1982**

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	0.7	1.2	0.7	0.9	
<b>All Buildings</b> .....	142,247	66,210	2,148	83,788	1,698	620	1.6
<b>Census Region</b>							
Northeast .....	34,352	12,543	2,739	17,952	1,914	693	2.9
Midwest .....	39,916	16,976	2,351	21,305	1,874	673	2.7
South .....	43,688	23,850	1,832	28,055	1,557	567	3.2
West .....	24,291	12,841	1,892	16,477	1,474	556	3.2
<b>Census Division</b>							
New England .....	9,134	2,972	3,074	4,210	2,170	771	6.1
Middle Atlantic .....	25,219	9,571	2,635	13,742	1,835	668	3.3
East North Central .....	27,434	11,539	2,378	15,001	1,829	653	3.3
West North Central .....	12,482	5,437	2,296	6,305	1,980	722	5.0
South Atlantic .....	22,298	11,575	1,926	13,905	1,604	606	4.6
East South Central .....	9,103	4,853	1,876	5,678	1,603	576	5.8
West South Central .....	12,287	7,422	1,655	8,471	1,450	504	5.5
Mountain .....	6,458	3,731	1,731	4,320	1,495	566	5.2
Pacific .....	17,833	9,110	1,958	12,157	1,467	552	4.3
<b>Type of Home</b>							
Mobile Home .....	3,220	3,743	860	3,743	860	335	7.5
Single-Family							
Detached .....	110,840	53,783	2,061	53,783	2,061	692	1.9
Single-Family							
Attached .....	6,916	3,869	1,787	3,869	1,787	612	10.2
2 to 4 Units .....	11,543	3,767	3,064	10,149	1,137	464	5.2
5 or More Units .....	9,728	1,047	9,288	12,244	795	413	5.6
<b>Building / Housing Unit Floorspace (square feet)</b>							
Fewer than 1,001 .....	7,726	9,981	774	25,756	721	332	2.7
1,001 to 2,000 .....	40,297	27,014	1,492	31,252	1,458	513	1.8
2,001 to 5,000 .....	76,236	27,029	2,821	25,729	2,788	883	1.9
5,001 to 10,000 .....	12,363	1,936	6,385	1,042	6,045	1,704	5.9
10,001 to 25,000 .....	2,844	202	14,070	Q	Q	Q	6.5
25,001 to 50,000 .....	1,089	32	34,272	NC	NC	NC	12.9
50,001 to 100,000 .....	654	9	71,168	NC	NC	NC	16.0
100,001 to 200,000 .....	691	6	118,592	NC	NC	NC	15.2
Over 200,000 .....	Q	Q	267,451	NC	NC	NC	2.0
<b>Year Constructed</b>							
1939 or Before .....	41,179	18,271	2,254	23,635	1,742	660	3.7
1940 to 1949 .....	11,681	6,052	1,930	7,014	1,665	621	5.5
1950 to 1959 .....	22,210	11,889	1,868	13,354	1,663	599	4.0
1960 to 1969 .....	28,507	12,861	2,216	16,679	1,709	597	4.1
1970 to 1979 .....	34,197	15,170	2,254	20,189	1,694	613	3.9
1980 to 1982 .....	4,474	1,965	2,277	2,917	1,534	573	11.6

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 1990 Residential Energy Consumption Survey.

**Table R2.82. Energy Sources Used for All End Uses in Residential Buildings, Number of Buildings and Total Floorspace, 1982**

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.)	
	0.5	0.5	0.5	0.5	0.7	0.7	1.3	1.3	2.2	2.3	2.0	2.1	
RSE Column Factors:	0.5	0.5	0.5	0.5	0.7	0.7	1.3	1.3	2.2	2.3	2.0	2.1	
All Buildings . . . . .	66,210	142,247	66,169	142,220	41,111	91,847	9,711	25,293	3,200	6,534	7,171	11,730	4.2
Census Region													
Northeast . . . . .	12,543	34,352	12,543	34,352	7,353	21,086	5,461	16,012	1,102	2,802	1,051	2,482	8.4
Midwest . . . . .	16,976	39,916	16,976	39,916	12,323	29,475	1,623	3,661	550	1,230	1,765	3,637	7.2
South . . . . .	23,850	43,688	23,838	43,678	12,079	23,440	2,066	4,545	1,466	2,365	3,508	4,399	8.0
West . . . . .	12,841	24,291	12,813	24,274	9,356	17,846	561	1,074	82	137	847	1,211	9.1
Census Division													
New England . . . . .	2,972	9,134	2,972	9,134	1,277	4,539	1,889	5,763	131	326	414	952	13.9
Middle Atlantic . . . . .	9,571	25,219	9,571	25,219	6,076	16,547	3,572	10,249	972	2,477	637	1,530	11.3
East North Central . . . . .	11,539	27,434	11,539	27,434	8,251	19,948	1,320	3,059	387	868	1,019	2,103	8.8
West North Central . . . . .	5,437	12,482	5,437	12,482	4,071	9,526	303	602	163	362	746	1,534	15.6
South Atlantic . . . . .	11,575	22,298	11,575	22,298	4,040	9,615	1,967	4,387	1,107	1,593	2,198	2,797	12.0
East South Central . . . . .	4,853	9,103	4,840	9,093	2,114	3,891	Q	Q	275	649	505	684	15.0
West South Central . . . . .	7,422	12,287	7,422	12,287	5,925	9,935	*	*	Q	Q	805	918	13.8
Mountain . . . . .	3,731	6,458	3,703	6,442	2,495	4,462	Q	Q	52	89	385	589	14.6
Pacific . . . . .	9,110	17,833	9,110	17,833	6,861	13,384	446	831	Q	Q	462	622	11.7
Type of Home													
Mobile Home . . . . .	3,743	3,220	3,743	3,220	1,118	1,004	456	345	388	268	1,512	1,217	19.3
Single-Family													
Detached . . . . .	53,783	110,840	53,742	110,814	33,086	69,092	8,115	19,951	2,534	5,545	5,437	10,056	5.3
Single-Family													
Attached . . . . .	3,869	6,916	3,869	6,916	3,080	5,722	366	818	205	416	Q	Q	26.7
2 to 4 Units . . . . .	3,767	11,543	3,767	11,543	3,089	9,417	670	2,489	70	279	83	259	16.3
5 or More Units . . . . .	1,047	9,728	1,047	9,728	738	6,612	104	1,689	Q	Q	Q	Q	15.0
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	9,981	7,726	9,940	7,699	4,809	3,788	889	662	694	515	2,460	1,809	10.2
1,001 to 2,000 . . . . .	27,014	40,297	27,014	40,297	17,014	25,618	2,817	4,327	976	1,434	2,721	3,787	7.3
2,001 to 5,000 . . . . .	27,029	76,236	27,029	76,236	17,904	50,700	5,398	15,293	1,408	3,878	1,894	5,540	6.8
5,001 to 10,000 . . . . .	1,936	12,363	1,936	12,363	1,198	7,770	553	3,497	122	693	Q	Q	17.9
10,001 to 25,000 . . . . .	202	2,844	202	2,844	154	2,084	44	598	Q	Q	*	*	19.3
25,001 to 50,000 . . . . .	32	1,089	32	1,089	22	733	5	191	*	*	*	*	40.9
50,001 to 100,000 . . . . .	9	654	9	654	4	265	3	224	*	*	*	*	41.1
100,001 to 200,000 . . . . .	6	691	6	691	5	550	2	259	*	*	*	*	45.9
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	*	*	*	*	0.0
Year Constructed													
1939 or Before . . . . .	18,271	41,179	18,230	41,152	12,434	28,992	4,109	11,230	935	2,062	2,409	4,890	9.7
1940 to 1949 . . . . .	6,052	11,681	6,052	11,681	4,116	8,328	1,138	2,772	128	211	538	841	14.6
1950 to 1959 . . . . .	11,889	22,210	11,889	22,210	8,581	16,166	1,847	4,479	576	952	968	1,240	10.5
1960 to 1969 . . . . .	12,861	28,507	12,861	28,507	8,305	19,414	1,409	3,955	696	1,502	1,365	1,986	9.4
1970 to 1979 . . . . .	15,170	34,197	15,170	34,197	6,945	16,900	1,191	2,840	808	1,686	1,660	2,450	10.5
1980 to 1982 . . . . .	1,965	4,474	1,965	4,474	730	2,047	Q	Q	Q	Q	231	Q	32.8

\* = 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 1982 Residential Energy Consumption Survey.

**Table R3.82. Energy Sources Used for Main Space Heating in Residential Buildings, Number of Buildings and Total Floorspace, 1982**

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	1.2	1.2	0.6	0.6	0.9	0.9	2.8	2.8	1.7	1.8	
All Buildings	65,879	141,809	9,125	19,370	37,528	81,429	8,289	21,611	689	900	3,735	5,440	6.8
Census Region													
Northeast	12,543	34,352	765	1,889	5,441	14,540	4,782	14,109	118	257	162	Q	14.6
Midwest	16,976	39,916	1,444	3,423	12,022	28,669	1,338	3,121	Q	Q	953	2,034	12.4
South	23,816	43,667	5,013	9,841	11,185	21,573	1,760	3,558	536	546	2,263	2,676	11.3
West	12,545	23,873	1,903	4,217	8,881	16,647	409	822	Q	Q	358	500	14.0
Census Division													
New England	2,972	9,134	80	289	716	2,500	1,601	4,877	Q	Q	37	76	21.6
Middle Atlantic	9,571	25,219	686	1,601	4,725	12,040	3,181	9,233	89	Q	Q	Q	17.2
East North Central	11,539	27,434	1,075	2,521	8,075	19,454	1,046	2,559	Q	Q	471	932	15.9
West North Central	5,437	12,482	369	902	3,947	9,215	292	562	*	*	482	1,102	22.0
South Atlantic	11,541	22,277	2,648	4,798	3,541	8,545	1,674	3,418	496	494	1,227	1,439	17.1
East South Central	4,853	9,103	1,531	3,214	2,039	3,786	Q	Q	40	52	331	419	17.1
West South Central	7,422	12,287	834	1,828	5,604	9,242	*	*	*	*	704	818	17.7
Mountain	3,731	6,458	Q	Q	2,400	4,291	Q	Q	Q	Q	207	304	19.4
Pacific	8,814	17,415	1,223	3,159	6,480	12,356	310	614	*	*	151	Q	15.9
Type of Home													
Mobile Home	3,743	3,220	887	777	1,098	996	433	319	Q	Q	892	769	26.6
Single-Family Detached	53,504	110,518	6,924	13,203	30,546	63,281	6,752	16,543	478	655	2,712	4,458	8.2
Single-Family Attached	3,850	6,894	619	912	2,672	4,874	366	818	Q	Q	Q	Q	34.7
2 to 4 Units	3,744	11,511	395	1,063	2,581	7,671	638	2,360	Q	Q	Q	Q	22.6
5 or More Units	1,039	9,666	299	3,415	630	4,607	98	1,570	*	*	Q	Q	18.2
Building Floorspace (square feet)													
Fewer than 1,001	9,833	7,611	1,671	1,282	4,476	3,529	764	557	325	226	1,415	1,071	13.8
1,001 to 2,000	26,855	40,091	4,288	6,432	15,823	23,768	2,436	3,746	281	386	1,566	2,224	10.9
2,001 to 5,000	27,013	76,181	2,853	8,050	16,092	45,443	4,579	13,069	Q	232	754	2,140	10.5
5,001 to 10,000	1,928	12,301	230	1,515	1,022	6,562	456	2,831	Q	Q	Q	Q	21.1
10,001 to 25,000	202	2,844	58	882	102	1,388	42	574	*	*	*	*	25.1
25,001 to 50,000	32	1,089	18	611	9	287	5	191	*	*	*	*	46.9
50,001 to 100,000	9	654	Q	Q	2	135	3	224	*	*	*	*	58.8
100,001 to 200,000	6	691	Q	Q	Q	Q	2	202	*	*	*	*	60.3
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	*	*	*	*	0.0
Year Constructed													
1939 or Before	18,177	41,087	514	771	10,605	23,735	3,482	9,648	323	613	1,162	1,998	13.1
1940 to 1949	6,033	11,656	304	462	3,808	7,379	1,024	2,530	Q	Q	228	266	20.3
1950 to 1959	11,830	22,165	815	1,230	8,095	14,942	1,534	3,823	155	132	501	598	14.5
1960 to 1969	12,809	28,432	1,987	4,189	7,842	18,044	1,151	2,924	Q	79	577	795	13.4
1970 to 1979	15,064	33,994	4,534	10,757	6,624	15,649	1,081	2,669	Q	Q	1,115	1,586	13.5
1980 to 1982	1,965	4,474	971	1,961	553	1,679	Q	Q	*	*	Q	Q	38.4

\* = 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 1982 Residential Energy Consumption Survey.

**Table R4.82. Energy Sources Used for Air Conditioning and Appliances in Residential Buildings, Number of Buildings and Total Floorspace, 1982**

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.)	
RSE Column Factors:	0.9	0.9	0.5	0.5	0.9	0.9	2.3	2.5	
All Buildings	34,900	78,017	66,169	142,220	29,296	63,835	5,281	8,156	4.0
Census Region									
Northeast	5,740	15,836	12,543	34,352	6,129	17,337	929	2,233	8.4
Midwest	8,686	21,787	16,976	39,916	8,197	18,821	1,161	2,168	7.9
South	16,666	32,192	23,838	43,678	8,547	16,130	2,535	2,903	6.6
West	3,807	8,202	12,813	24,274	6,424	11,547	656	851	9.8
Census Division									
New England	1,138	3,606	2,972	9,134	911	3,177	361	815	13.0
Middle Atlantic	4,602	12,230	9,571	25,219	5,217	14,160	569	1,418	11.5
East North Central	4,929	12,800	11,539	27,434	5,801	13,578	674	1,180	11.4
West North Central	3,758	8,987	5,437	12,482	2,396	5,243	486	988	10.6
South Atlantic	7,039	14,493	11,575	22,298	2,527	6,345	1,579	1,804	11.9
East South Central	3,820	7,598	4,840	9,093	1,171	2,115	280	380	12.8
West South Central	5,807	10,101	7,422	12,287	4,849	7,670	676	720	11.2
Mountain	1,308	2,291	3,703	6,442	1,334	1,972	269	352	18.8
Pacific	2,499	5,911	9,110	17,833	5,090	9,574	387	499	13.8
Type of Home									
Mobile Home	1,598	1,434	3,743	3,220	1,022	885	1,366	1,100	18.1
Single-Family									
Detached	29,140	61,486	53,742	110,814	22,686	46,018	3,793	6,754	5.4
Single-Family									
Attached	1,870	3,549	3,869	6,916	2,630	4,937	Q	Q	20.5
2 to 4 Units	1,675	5,460	3,767	11,543	2,457	7,494	70	219	13.2
5 or More Units	616	6,087	1,047	9,728	501	4,501	Q	Q	12.9
Building Floorspace (square feet)									
Fewer than 1,001	4,102	3,272	9,940	7,699	3,994	3,100	2,078	1,509	9.3
1,001 to 2,000	14,523	21,980	27,014	40,297	12,378	18,525	1,901	2,605	6.6
2,001 to 5,000	14,936	41,785	27,029	76,236	11,931	33,780	1,207	3,448	6.5
5,001 to 10,000	1,178	7,384	1,936	12,363	856	5,507	Q	Q	15.4
10,001 to 25,000	132	1,859	202	2,844	113	1,455	*	*	17.4
25,001 to 50,000	17	590	32	1,089	18	597	*	*	46.9
50,001 to 100,000	7	505	9	654	3	184	*	*	38.5
100,001 to 200,000	4	455	6	691	3	379	*	*	47.4
Over 200,000	1	Q	Q	Q	Q	Q	*	*	54.7
Year Constructed									
1939 or Before	6,532	15,159	18,230	41,152	9,725	22,615	1,728	3,409	8.9
1940 to 1949	3,025	6,158	6,052	11,681	2,907	5,716	497	736	12.6
1950 to 1959	6,487	12,082	11,889	22,210	6,405	11,561	677	821	9.3
1960 to 1969	7,781	18,156	12,861	28,507	5,582	12,926	977	1,450	8.5
1970 to 1979	9,798	23,450	15,170	34,197	4,346	10,190	1,219	1,511	9.5
1980 to 1982	1,276	3,011	1,965	4,474	331	827	Q	Q	27.6

\* = 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 1982 Residential Energy Consumption Survey.

**Table R5.82. End Uses for All Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1982**

Building Characteristics	All Buildings		End Uses										RSE Row Fac- tors
			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.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	
	0.8	0.9	0.8	0.9	1.4	1.6	0.8	0.9	1.4	1.4	0.8	0.9	
RSE Column Factors:	0.8	0.9	0.8	0.9	1.4	1.6	0.8	0.9	1.4	1.4	0.8	0.9	
All Buildings	66,210	142,247	65,879	141,809	28,696	66,961	65,147	141,148	35,227	78,878	66,197	142,237	2.0
Census Region													
Northeast	12,543	34,352	12,543	34,352	5,629	15,857	12,460	34,236	5,760	16,077	12,543	34,352	4.0
Midwest	16,976	39,916	16,976	39,916	6,391	16,107	16,866	39,744	8,738	21,883	16,976	39,916	3.8
South	23,850	43,688	23,816	43,667	10,709	22,298	23,009	42,904	16,835	32,586	23,838	43,678	3.6
West	12,841	24,291	12,545	23,873	5,967	12,699	12,813	24,263	3,893	8,332	12,841	24,291	3.9
Census Division													
New England	2,972	9,134	2,972	9,134	1,698	5,272	2,952	9,094	1,139	3,739	2,972	9,134	8.1
Middle Atlantic	9,571	25,219	9,571	25,219	3,931	10,584	9,507	25,143	4,621	12,338	9,571	25,219	6.0
East North Central	11,539	27,434	11,539	27,434	4,120	10,432	11,451	27,328	4,929	12,800	11,539	27,434	5.3
West North Central	5,437	12,482	5,437	12,482	2,272	5,676	5,414	12,416	3,810	9,083	5,437	12,482	7.4
South Atlantic	11,575	22,298	11,541	22,277	5,177	11,308	11,146	21,907	7,082	14,609	11,575	22,298	6.3
East South Central	4,853	9,103	4,853	9,103	2,268	4,862	4,718	8,956	3,820	7,598	4,840	9,093	7.3
West South Central	7,422	12,287	7,422	12,287	3,263	6,128	7,145	12,040	5,933	10,378	7,422	12,287	7.8
Mountain	3,731	6,458	3,731	6,458	1,423	2,910	3,703	6,431	1,318	2,324	3,731	6,458	11.0
Pacific	9,110	17,833	8,814	17,415	4,543	9,789	9,110	17,833	2,575	6,008	9,110	17,833	6.5
Type of Home													
Mobile Home	3,743	3,220	3,743	3,220	1,042	990	3,676	3,202	1,598	1,434	3,743	3,220	14.8
Single-Family Detached	53,783	110,840	53,504	110,518	25,596	59,462	52,811	109,816	29,423	62,104	53,770	110,830	2.8
Single-Family Attached	3,869	6,916	3,850	6,894	1,173	2,338	3,869	6,916	1,907	3,581	3,869	6,916	16.0
2 to 4 Units	3,767	11,543	3,744	11,511	736	2,586	3,743	11,486	1,678	5,468	3,767	11,543	9.1
5 or More Units	1,047	9,728	1,039	9,666	150	1,585	1,047	9,728	620	6,291	1,047	9,728	9.4
Building Floorspace (square feet)													
Fewer than 1,001	9,981	7,726	9,833	7,611	2,621	2,110	9,347	7,285	4,149	3,313	9,968	7,716	6.9
1,001 to 2,000	27,014	40,297	26,855	40,091	10,442	15,898	26,659	39,856	14,663	22,203	27,014	40,297	4.0
2,001 to 5,000	27,029	76,236	27,013	76,181	14,592	41,605	26,954	76,019	15,071	42,179	27,029	76,236	3.8
5,001 to 10,000	1,936	12,363	1,928	12,301	981	6,145	1,936	12,363	1,178	7,384	1,936	12,363	10.7
10,001 to 25,000	202	2,844	202	2,844	47	571	202	2,844	134	1,888	202	2,844	12.8
25,001 to 50,000	32	1,089	32	1,089	Q	Q	32	1,089	18	611	32	1,089	30.6
50,001 to 100,000	9	654	9	654	Q	Q	9	654	7	513	9	654	32.6
100,001 to 200,000	6	691	6	691	Q	Q	6	691	4	505	6	691	35.1
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	1	281	Q	Q	33.5
Year Constructed													
1939 or Before	18,271	41,179	18,177	41,087	6,720	16,610	17,602	40,414	6,560	15,206	18,259	41,168	5.9
1940 to 1949	6,052	11,681	6,033	11,656	2,342	4,618	5,932	11,579	3,041	6,178	6,052	11,681	9.2
1950 to 1959	11,889	22,210	11,830	22,165	4,620	9,437	11,704	22,078	6,609	12,318	11,889	22,210	6.5
1960 to 1969	12,861	28,507	12,809	28,432	6,223	14,866	12,816	28,466	7,825	18,396	12,861	28,507	5.9
1970 to 1979	15,170	34,197	15,064	33,994	7,921	19,159	15,147	34,184	9,915	23,768	15,170	34,197	5.9
1980 to 1982	1,965	4,474	1,965	4,474	871	2,272	1,946	4,427	1,276	3,011	1,965	4,474	18.4

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 1982 Residential Energy Consumption Survey.

**Table R6.82. End Uses for Electricity Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1982**

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:	1.8	1.7	1.2	1.3	1.1	1.2	0.8	0.8	0.5	0.5	
All Buildings	9,125	19,370	8,943	19,489	22,078	43,825	34,900	78,017	66,169	142,220	4.2
Census Region											
Northeast	765	1,889	1,397	3,862	3,008	7,419	5,740	15,836	12,543	34,352	9.7
Midwest	1,444	3,423	1,819	4,486	4,812	10,279	8,686	21,787	16,976	39,916	10.1
South	5,013	9,841	3,796	7,292	11,032	19,832	16,666	32,192	23,838	43,678	5.9
West	1,903	4,217	1,931	3,849	3,226	6,295	3,807	8,202	12,813	24,274	10.3
Census Division											
New England	80	289	525	1,538	681	1,838	1,138	3,606	2,972	9,134	15.4
Middle Atlantic	686	1,601	872	2,324	2,327	5,582	4,602	12,230	9,571	25,219	12.9
East North Central	1,075	2,521	998	2,577	3,573	7,783	4,929	12,800	11,539	27,434	13.9
West North Central	369	902	821	1,909	1,239	2,496	3,758	8,987	5,437	12,482	13.7
South Atlantic	2,648	4,798	1,726	3,431	6,869	11,895	7,039	14,493	11,575	22,298	9.9
East South Central	1,531	3,214	935	1,834	3,119	5,992	3,820	7,598	4,840	9,093	11.5
West South Central	834	1,828	1,134	2,028	1,044	1,945	5,807	10,101	7,422	12,287	13.2
Mountain	Q	Q	335	654	Q	1,681	1,308	2,291	3,703	6,442	22.9
Pacific	1,223	3,159	1,597	3,195	2,190	4,614	2,499	5,911	9,110	17,833	11.6
Type of Home											
Mobile Home	887	777	407	380	2,196	1,835	1,598	1,434	3,743	3,220	20.1
Single-Family											
Detached	6,924	13,203	7,585	16,183	18,168	35,792	29,140	61,486	53,742	110,814	5.2
Single-Family											
Attached	619	912	495	981	828	1,464	1,870	3,549	3,869	6,916	22.1
2 to 4 Units	395	1,063	364	1,077	586	1,813	1,675	5,460	3,767	11,543	15.5
5 or More Units	299	3,415	90	868	300	2,921	616	6,087	1,047	9,728	12.4
Building Floorspace (square feet)											
Fewer than 1,001	1,671	1,282	1,116	894	4,297	3,273	4,102	3,272	9,940	7,699	10.7
1,001 to 2,000	4,288	6,432	3,644	5,471	9,295	13,708	14,523	21,980	27,014	40,297	6.5
2,001 to 5,000	2,853	8,050	3,932	11,216	7,859	21,678	14,936	41,785	27,029	76,236	6.6
5,001 to 10,000	230	1,515	222	1,311	567	3,676	1,178	7,384	1,936	12,363	15.0
10,001 to 25,000	58	882	25	313	45	717	132	1,859	202	2,844	19.9
25,001 to 50,000	18	611	Q	Q	10	365	17	590	32	1,089	39.6
50,001 to 100,000	Q	Q	Q	Q	Q	Q	7	505	9	654	51.3
100,001 to 200,000	Q	Q	Q	Q	Q	Q	4	455	6	691	58.1
Over 200,000	Q	Q	Q	Q	*	*	1	Q	Q	Q	58.0
Year Constructed											
1939 or Before	514	771	2,457	5,896	4,677	9,388	6,532	15,159	18,230	41,152	10.0
1940 to 1949	304	462	812	1,291	1,740	3,063	3,025	6,158	6,052	11,681	14.4
1950 to 1959	815	1,230	1,446	2,857	2,760	4,840	6,487	12,082	11,889	22,210	10.5
1960 to 1969	1,987	4,189	1,922	4,101	4,211	8,171	7,781	18,156	12,861	28,507	8.4
1970 to 1979	4,534	10,757	2,053	4,567	7,650	16,195	9,798	23,450	15,170	34,197	8.4
1980 to 1982	971	1,961	254	778	1,040	2,169	1,276	3,011	1,965	4,474	23.3

\* = 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 1982 Residential Energy Consumption Survey.



**Table R7.82. End Uses for Natural Gas and Fuel Oil Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1982**

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	1.8	1.8	0.7	0.7	0.7	0.7	1.1	1.0	1.5	1.3	
All Buildings	37,528	81,429	2,154	4,749	36,377	80,940	29,296	63,835	8,289	21,611	3,073	9,598	5.5
Census Region													
Northeast	5,441	14,540	347	871	6,323	17,119	6,129	17,337	4,782	14,109	2,717	8,473	10.7
Midwest	12,022	28,669	393	1,032	11,087	27,040	8,197	18,821	1,338	3,121	Q	Q	8.3
South	11,185	21,573	1,047	1,762	10,210	20,074	8,547	16,130	1,760	3,558	275	885	13.2
West	8,881	16,647	367	1,084	8,758	16,707	6,424	11,547	409	822	55	Q	14.2
Census Division													
New England	716	2,500	Q	Q	1,038	3,681	911	3,177	1,601	4,877	1,046	3,054	16.7
Middle Atlantic	4,725	12,040	306	727	5,285	13,438	5,217	14,160	3,181	9,233	1,671	5,419	12.5
East North Central	8,075	19,454	275	731	7,322	18,080	5,801	13,578	1,046	2,559	Q	Q	9.6
West North Central	3,947	9,215	118	301	3,765	8,960	2,396	5,243	292	562	*	*	16.2
South Atlantic	3,541	8,545	157	445	3,234	7,914	2,527	6,345	1,674	3,418	275	885	23.1
East South Central	2,039	3,786	172	270	1,446	2,755	1,171	2,115	Q	Q	*	*	18.4
West South Central	5,604	9,242	718	1,046	5,529	9,405	4,849	7,670	*	*	*	*	11.3
Mountain	2,400	4,291	85	134	2,288	4,143	1,334	1,972	Q	Q	*	*	19.3
Pacific	6,480	12,356	282	950	6,470	12,564	5,090	9,574	310	614	55	Q	14.8
Type of Home													
Mobile Home	1,098	996	*	*	882	834	1,022	885	433	319	Q	Q	29.2
Single-Family													
Detached	30,546	63,281	1,894	3,606	29,261	61,604	22,686	46,018	6,752	16,543	2,465	6,438	6.4
Single-Family													
Attached	2,672	4,874	87	Q	2,892	5,170	2,630	4,937	366	818	85	Q	26.3
2 to 4 Units	2,581	7,671	144	461	2,689	8,072	2,457	7,494	638	2,360	405	1,418	15.7
5 or More Units	630	4,607	30	477	653	5,261	501	4,501	98	1,570	91	1,516	15.7
Building Floorspace (square feet)													
Fewer than 1,001	4,476	3,529	382	325	3,990	3,179	3,994	3,100	764	557	78	64	14.8
1,001 to 2,000	15,823	23,768	831	1,273	15,271	23,005	12,378	18,525	2,436	3,746	694	1,092	9.2
2,001 to 5,000	16,092	45,443	854	2,267	15,926	45,182	11,931	33,780	4,579	13,069	2,028	5,805	7.6
5,001 to 10,000	1,022	6,562	71	455	1,041	6,725	856	5,507	456	2,831	232	1,359	19.4
10,001 to 25,000	102	1,388	Q	Q	127	1,677	113	1,455	42	574	30	450	19.5
25,001 to 50,000	9	287	Q	Q	16	533	18	597	5	191	5	191	38.0
50,001 to 100,000	2	135	*	*	2	135	3	184	3	224	3	224	36.0
100,001 to 200,000	Q	Q	Q	Q	3	377	3	379	2	202	2	202	37.5
Over 200,000	Q	Q	*	*	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before	10,605	23,735	694	1,581	10,526	24,464	9,725	22,615	3,482	9,648	1,169	3,541	9.0
1940 to 1949	3,808	7,379	359	645	3,591	7,048	2,907	5,716	1,024	2,530	366	1,152	15.2
1950 to 1959	8,095	14,942	447	777	7,784	14,476	6,405	11,561	1,534	3,823	716	2,008	11.0
1960 to 1969	7,842	18,044	355	737	7,599	17,673	5,582	12,926	1,151	2,924	415	1,636	13.1
1970 to 1979	6,624	15,649	263	901	6,188	15,329	4,346	10,190	1,081	2,669	408	1,261	15.2
1980 to 1982	553	1,679	Q	Q	690	1,951	331	827	Q	Q	*	*	37.1

\* = 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 1982 Residential Energy Consumption Survey.

**Table R8.82p. Total and Average Primary Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1982**

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	1982 Dollars		1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
RSE Column Factors:	1.6	1.5	1.6	1.6	0.9	0.9	0.9	0.5	0.5	
All Buildings . . . . .	142,247	13,417	102,034	86,525	94.32	0.72	0.61	7.60	6.45	1.3
Census Region										
Northeast . . . . .	34,352	2,943	28,635	24,283	85.67	0.83	0.71	9.73	8.25	2.4
Midwest . . . . .	39,916	3,763	26,531	22,498	94.28	0.66	0.56	7.05	5.98	2.2
South . . . . .	43,688	4,525	33,093	28,063	103.56	0.76	0.64	7.31	6.20	2.7
West . . . . .	24,291	2,186	13,776	11,682	89.99	0.57	0.48	6.30	5.34	2.0
Census Division										
New England . . . . .	9,134	702	6,960	5,902	76.90	0.76	0.65	9.91	8.40	3.6
Middle Atlantic . . . . .	25,219	2,241	21,675	18,380	88.85	0.86	0.73	9.67	8.20	3.2
East North Central . . . . .	27,434	2,615	18,708	15,865	95.31	0.68	0.58	7.15	6.07	2.9
West North Central . . . . .	12,482	1,148	7,822	6,633	92.00	0.63	0.53	6.81	5.78	3.9
South Atlantic . . . . .	22,298	2,045	16,193	13,732	91.71	0.73	0.62	7.92	6.71	4.2
East South Central . . . . .	9,103	985	6,078	5,154	108.18	0.67	0.57	6.17	5.23	4.5
West South Central . . . . .	12,287	1,495	10,822	9,177	121.65	0.88	0.75	7.24	6.14	4.8
Mountain . . . . .	6,458	647	4,294	3,641	100.24	0.66	0.56	6.63	5.63	5.0
Pacific . . . . .	17,833	1,539	9,482	8,040	86.29	0.53	0.45	6.16	5.23	3.0
Type of Home										
Mobile Home . . . . .	3,220	495	3,798	3,221	153.84	1.18	1.00	7.67	6.50	6.3
Single-Family										
Detached . . . . .	110,840	9,703	71,454	60,593	87.54	0.64	0.55	7.36	6.24	1.8
Single-Family										
Attached . . . . .	6,916	629	5,191	4,402	90.89	0.75	0.64	8.26	7.00	7.9
2 to 4 Units . . . . .	11,543	1,345	11,142	9,448	116.55	0.97	0.82	8.28	7.02	4.6
5 or More Units . . . . .	9,728	1,245	10,450	8,862	127.96	1.07	0.91	8.39	7.12	4.1
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,726	1,196	9,024	7,653	154.77	1.17	0.99	7.55	6.40	3.0
1,001 to 2,000 . . . . .	40,297	4,530	33,132	28,096	112.41	0.82	0.70	7.31	6.20	2.2
2,001 to 5,000 . . . . .	76,236	6,111	46,564	39,486	80.16	0.61	0.52	7.62	6.46	1.9
5,001 to 10,000 . . . . .	12,363	907	7,371	6,250	73.37	0.60	0.51	8.13	6.89	4.9
10,001 to 25,000 . . . . .	2,844	312	2,543	2,156	109.68	0.89	0.76	8.15	6.91	5.8
25,001 to 50,000 . . . . .	1,089	135	1,081	916	123.68	0.99	0.84	8.02	6.80	13.7
50,001 to 100,000 . . . . .	654	82	770	653	124.89	1.18	1.00	9.42	7.99	14.9
100,001 to 200,000 . . . . .	691	93	912	773	134.95	1.32	1.12	9.78	8.30	17.3
Over 200,000 . . . . .	Q	Q	Q	Q	148.53	1.84	1.56	12.38	10.50	17.7
Year Constructed										
1939 or Before . . . . .	41,179	3,733	30,049	25,482	90.65	0.73	0.62	8.05	6.83	3.2
1940 to 1949 . . . . .	11,681	1,110	8,632	7,320	95.04	0.74	0.63	7.78	6.59	4.6
1950 to 1959 . . . . .	22,210	2,136	16,469	13,966	96.15	0.74	0.63	7.71	6.54	2.9
1960 to 1969 . . . . .	28,507	2,755	20,461	17,351	96.65	0.72	0.61	7.43	6.30	3.3
1970 to 1979 . . . . .	34,197	3,278	23,593	20,007	95.85	0.69	0.59	7.20	6.10	3.5
1980 to 1982 . . . . .	4,474	406	2,829	2,399	90.63	0.63	0.54	6.98	5.92	8.3

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 1982 Residential Energy Consumption Survey.

**Table R8.82s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1982**

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	1982 Dollars		1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
RSE Column Factors:	1.5	1.4	1.4	1.4	0.9	0.8	0.8	0.6	0.6	
All Buildings . . . . .	142,247	8,575	102,034	86,525	60.28	0.72	0.61	11.90	10.09	1.4
Census Region										
Northeast . . . . .	34,352	2,185	28,635	24,283	63.61	0.83	0.71	13.10	11.11	2.8
Midwest . . . . .	39,916	2,610	26,531	22,498	65.38	0.66	0.56	10.17	8.62	2.1
South . . . . .	43,688	2,446	33,093	28,063	55.98	0.76	0.64	13.53	11.47	3.1
West . . . . .	24,210	1,334	13,776	11,682	54.93	0.57	0.48	10.32	8.75	2.3
Census Division										
New England . . . . .	9,134	513	6,960	5,902	56.20	0.76	0.65	13.56	11.50	4.1
Middle Atlantic . . . . .	25,219	1,672	21,675	18,380	66.30	0.86	0.73	12.96	10.99	3.8
East North Central . . . . .	27,434	1,837	18,708	15,865	66.97	0.68	0.58	10.18	8.64	2.7
West North Central . . . . .	12,482	773	7,822	6,633	61.90	0.63	0.53	10.12	8.59	4.4
South Atlantic . . . . .	22,298	1,104	16,193	13,732	49.50	0.73	0.62	14.67	12.44	5.1
East South Central . . . . .	9,103	474	6,078	5,154	52.11	0.67	0.57	12.81	10.87	5.0
West South Central . . . . .	12,287	868	10,822	9,177	70.62	0.88	0.75	12.47	10.58	5.2
Mountain . . . . .	6,458	412	4,294	3,641	63.75	0.66	0.56	10.43	8.84	6.3
Pacific . . . . .	17,833	923	9,482	8,040	51.74	0.53	0.45	10.28	8.71	3.2
Type of Home										
Mobile Home . . . . .	3,220	268	3,798	3,221	83.29	1.18	1.00	14.16	12.01	7.6
Single-Family										
Detached . . . . .	110,840	6,066	71,454	60,593	54.73	0.64	0.55	11.78	9.99	2.0
Single-Family										
Attached . . . . .	6,916	434	5,191	4,402	62.75	0.75	0.64	11.96	10.14	7.9
2 to 4 Units . . . . .	11,543	981	11,142	9,448	85.00	0.97	0.82	11.36	9.63	4.8
5 or More Units . . . . .	9,728	826	10,450	8,862	84.86	1.07	0.91	12.66	10.73	4.6
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,726	708	9,024	7,653	91.67	1.17	0.99	12.74	10.81	3.5
1,001 to 2,000 . . . . .	40,297	2,784	33,132	28,096	69.09	0.82	0.70	11.90	10.09	2.5
2,001 to 5,000 . . . . .	76,236	4,025	46,564	39,486	52.80	0.61	0.52	11.57	9.81	2.1
5,001 to 10,000 . . . . .	12,363	604	7,371	6,250	48.83	0.60	0.51	12.21	10.35	5.3
10,001 to 25,000 . . . . .	2,844	206	2,543	2,156	72.30	0.89	0.76	12.37	10.49	6.9
25,001 to 50,000 . . . . .	1,089	86	1,081	916	79.22	0.99	0.84	12.52	10.62	16.4
50,001 to 100,000 . . . . .	654	54	770	653	81.79	1.18	1.00	14.39	12.20	18.7
100,001 to 200,000 . . . . .	691	65	912	773	94.13	1.32	1.12	14.03	11.90	19.4
Over 200,000 . . . . .	Q	Q	Q	Q	124.74	1.84	1.56	14.74	12.50	18.2
Year Constructed										
1939 or Before . . . . .	41,179	2,758	30,049	25,482	66.97	0.73	0.62	10.90	9.24	3.4
1940 to 1949 . . . . .	11,681	751	8,632	7,320	64.30	0.74	0.63	11.49	9.74	5.0
1950 to 1959 . . . . .	22,210	1,444	16,469	13,966	65.01	0.74	0.63	11.41	9.67	3.1
1960 to 1969 . . . . .	28,507	1,679	20,461	17,351	58.90	0.72	0.61	12.19	10.33	3.6
1970 to 1979 . . . . .	34,197	1,751	23,593	20,007	51.19	0.69	0.59	13.48	11.43	3.4
1980 to 1982 . . . . .	4,474	193	2,829	2,399	43.12	0.63	0.54	14.67	12.44	9.7

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 1982 Residential Energy Consumption Survey.

**Table R9.82p. Total and Average Primary Consumption and Expenditures for Electricity in Residential Buildings, 1982**

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	1982 Dollars		1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
RSE Column Factors:	1.2	1.5	1.4	1.4	1.1	0.9	0.9	0.5	0.5	
All Buildings . . . . .	142,220	7,187	55,116	46,739	50.54	0.39	0.33	7.67	6.50	1.8
Census Region										
Northeast . . . . .	34,352	1,125	11,836	10,037	32.75	0.34	0.29	10.52	8.92	3.4
Midwest . . . . .	39,916	1,712	12,893	10,934	42.90	0.32	0.27	7.53	6.39	4.2
South . . . . .	43,678	3,086	22,233	18,854	70.65	0.51	0.43	7.21	6.11	3.0
West . . . . .	24,274	1,264	8,153	6,914	52.08	0.34	0.28	6.45	5.47	3.7
Census Division										
New England . . . . .	9,134	281	2,723	2,309	30.73	0.30	0.25	9.70	8.23	4.3
Middle Atlantic . . . . .	25,219	844	9,113	7,728	33.48	0.36	0.31	10.79	9.15	4.4
East North Central . . . . .	27,434	1,154	8,839	7,496	42.08	0.32	0.27	7.66	6.49	5.9
West North Central . . . . .	12,482	558	4,054	3,438	44.69	0.32	0.28	7.27	6.16	4.1
South Atlantic . . . . .	22,298	1,397	10,447	8,859	62.66	0.47	0.40	7.48	6.34	4.8
East South Central . . . . .	9,093	758	4,526	3,838	83.34	0.50	0.42	5.97	5.06	5.7
West South Central . . . . .	12,287	931	7,261	6,157	75.75	0.59	0.50	7.80	6.62	5.6
Mountain . . . . .	6,442	350	2,460	2,086	54.30	0.38	0.32	7.03	5.96	10.7
Pacific . . . . .	17,833	915	5,693	4,828	51.29	0.32	0.27	6.23	5.28	3.7
Type of Home										
Mobile Home . . . . .	3,220	337	2,460	2,086	104.72	0.76	0.65	7.30	6.19	7.6
Single-Family										
Detached . . . . .	110,814	5,398	40,247	34,129	48.71	0.36	0.31	7.46	6.32	2.4
Single-Family										
Attached . . . . .	6,916	289	2,447	2,075	41.78	0.35	0.30	8.47	7.18	11.5
2 to 4 Units . . . . .	11,543	541	4,725	4,007	46.83	0.41	0.35	8.74	7.41	5.8
5 or More Units . . . . .	9,728	622	5,237	4,441	63.98	0.54	0.46	8.41	7.14	4.8
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,699	724	5,408	4,586	94.00	0.70	0.60	7.47	6.34	3.9
1,001 to 2,000 . . . . .	40,297	2,591	19,199	16,281	64.30	0.48	0.40	7.41	6.28	2.9
2,001 to 5,000 . . . . .	76,236	3,096	23,946	20,306	40.62	0.31	0.27	7.73	6.56	2.8
5,001 to 10,000 . . . . .	12,363	450	3,691	3,130	36.42	0.30	0.25	8.20	6.95	6.2
10,001 to 25,000 . . . . .	2,844	158	1,316	1,116	55.49	0.46	0.39	8.34	7.07	7.8
25,001 to 50,000 . . . . .	1,089	72	547	464	65.99	0.50	0.43	7.61	6.45	14.9
50,001 to 100,000 . . . . .	654	42	387	329	63.99	0.59	0.50	9.26	7.85	19.7
100,001 to 200,000 . . . . .	691	42	431	365	60.60	0.62	0.53	10.30	8.73	24.9
Over 200,000 . . . . .	Q	12	192	163	35.32	0.55	0.47	15.63	13.26	26.6
Year Constructed										
1939 or Before . . . . .	41,152	1,447	12,096	10,257	35.17	0.29	0.25	8.36	7.09	3.6
1940 to 1949 . . . . .	11,681	533	4,153	3,521	45.62	0.36	0.30	7.79	6.61	5.1
1950 to 1959 . . . . .	22,210	1,027	8,365	7,094	46.24	0.38	0.32	8.15	6.91	3.4
1960 to 1969 . . . . .	28,507	1,597	12,055	10,223	56.04	0.42	0.36	7.55	6.40	4.0
1970 to 1979 . . . . .	34,197	2,267	16,272	13,799	66.29	0.48	0.40	7.18	6.09	4.3
1980 to 1982 . . . . .	4,474	316	2,175	1,844	70.53	0.49	0.41	6.89	5.84	10.4

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 1982 Residential Energy Consumption Survey.

**Table R9.82s. Total and Average Site Consumption and Expenditures for Electricity in Residential Buildings, 1982**

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	1982 Dollars		1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
RSE Column Factors:	1.2	1.5	1.4	1.4	1.1	0.9	0.9	0.5	0.5	
All Buildings . . . . .	142,220	2,346	55,116	46,739	16.49	0.39	0.33	23.50	19.93	1.8
Census Region										
Northeast . . . . .	34,352	367	11,836	10,037	10.69	0.34	0.29	32.24	27.34	3.4
Midwest . . . . .	39,916	559	12,893	10,934	14.00	0.32	0.27	23.07	19.56	4.2
South . . . . .	43,678	1,007	22,233	18,854	23.06	0.51	0.43	22.08	18.72	3.0
West . . . . .	24,274	413	8,153	6,914	17.00	0.34	0.28	19.76	16.76	3.7
Census Division										
New England . . . . .	9,134	92	2,723	2,309	10.03	0.30	0.25	29.73	25.21	4.3
Middle Atlantic . . . . .	25,219	276	9,113	7,728	10.93	0.36	0.31	33.07	28.05	4.4
East North Central . . . . .	27,434	377	8,839	7,496	13.73	0.32	0.27	23.46	19.89	5.9
West North Central . . . . .	12,482	182	4,054	3,438	14.59	0.32	0.28	22.27	18.88	4.1
South Atlantic . . . . .	22,298	456	10,447	8,859	20.45	0.47	0.40	22.91	19.43	4.8
East South Central . . . . .	9,092	247	4,526	3,838	27.20	0.50	0.42	18.30	15.52	5.7
West South Central . . . . .	12,287	304	7,261	6,157	24.72	0.59	0.50	23.90	20.27	5.6
Mountain . . . . .	6,442	114	2,460	2,086	17.72	0.38	0.32	21.55	18.27	10.7
Pacific . . . . .	17,833	298	5,693	4,828	16.74	0.32	0.27	19.07	16.17	3.7
Type of Home										
Mobile Home . . . . .	3,220	110	2,460	2,086	34.18	0.76	0.65	22.36	18.96	7.6
Single-Family										
Detached . . . . .	110,814	1,762	40,247	34,129	15.90	0.36	0.31	22.84	19.37	2.4
Single-Family										
Attached . . . . .	6,916	94	2,447	2,075	13.64	0.35	0.30	25.95	22.00	11.5
2 to 4 Units . . . . .	11,543	176	4,725	4,007	15.28	0.41	0.35	26.78	22.71	5.8
5 or More Units . . . . .	9,728	203	5,237	4,441	20.88	0.54	0.46	25.78	21.86	4.8
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,699	236	5,408	4,586	30.68	0.70	0.60	22.90	19.42	3.9
1,001 to 2,000 . . . . .	40,297	846	19,199	16,281	20.99	0.48	0.40	22.70	19.25	2.9
2,001 to 5,000 . . . . .	76,236	1,011	23,946	20,306	13.26	0.31	0.27	23.69	20.09	2.8
5,001 to 10,000 . . . . .	12,363	147	3,691	3,130	11.89	0.30	0.25	25.11	21.30	6.2
10,001 to 25,000 . . . . .	2,844	52	1,316	1,116	18.11	0.46	0.39	25.54	21.66	7.8
25,001 to 50,000 . . . . .	1,089	23	547	464	21.54	0.50	0.43	23.32	19.77	14.9
50,001 to 100,000 . . . . .	654	14	387	329	20.88	0.59	0.50	28.36	24.05	19.7
100,001 to 200,000 . . . . .	691	14	431	365	19.78	0.62	0.53	31.55	26.75	24.9
Over 200,000 . . . . .	Q	4	192	163	11.53	0.55	0.47	47.90	40.62	26.6
Year Constructed										
1939 or Before . . . . .	41,152	472	12,096	10,257	11.48	0.29	0.25	25.61	21.71	3.6
1940 to 1949 . . . . .	11,681	174	4,153	3,521	14.89	0.36	0.30	23.88	20.25	5.1
1950 to 1959 . . . . .	22,210	335	8,365	7,094	15.09	0.38	0.32	24.96	21.17	3.4
1960 to 1969 . . . . .	28,507	521	12,055	10,223	18.29	0.42	0.36	23.12	19.61	4.0
1970 to 1979 . . . . .	34,197	740	16,272	13,799	21.64	0.48	0.40	21.99	18.65	4.3
1980 to 1982 . . . . .	4,474	103	2,175	1,844	23.02	0.49	0.41	21.12	17.91	10.4

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 1982 Residential Energy Consumption Survey.

**Table R10.82. Total and Average Consumption and Expenditures for Natural Gas in Residential Buildings, 1982**

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	1982 Dollars		1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
RSE Column Factors:	1.6	1.7	1.7	1.7	0.9	0.9	0.9	0.4	0.4	
All Buildings . . . . .	91,847	4,743	31,798	26,964	51.64	0.35	0.29	6.70	5.68	2.0
Census Region										
Northeast . . . . .	21,086	962	8,204	6,957	45.63	0.39	0.33	8.53	7.23	5.3
Midwest . . . . .	29,475	1,784	11,008	9,335	60.54	0.37	0.32	6.17	5.23	2.8
South . . . . .	23,440	1,143	7,700	6,530	48.74	0.33	0.28	6.74	5.72	4.9
West . . . . .	17,846	854	4,886	4,143	47.87	0.27	0.23	5.72	4.85	2.8
Census Division										
New England . . . . .	4,539	159	1,586	1,345	35.11	0.35	0.30	9.95	8.44	8.1
Middle Atlantic . . . . .	16,547	803	6,618	5,612	48.52	0.40	0.34	8.24	6.99	6.1
East North Central . . . . .	19,948	1,267	7,921	6,717	63.50	0.40	0.34	6.25	5.30	2.9
West North Central . . . . .	9,526	518	3,087	2,618	54.35	0.32	0.27	5.96	5.06	6.2
South Atlantic . . . . .	9,615	420	3,311	2,807	43.66	0.34	0.29	7.89	6.69	7.9
East South Central . . . . .	3,891	200	1,267	1,074	51.48	0.33	0.28	6.33	5.36	6.0
West South Central . . . . .	9,935	522	3,122	2,648	52.58	0.31	0.27	5.98	5.07	7.5
Mountain . . . . .	4,462	266	1,514	1,284	59.61	0.34	0.29	5.69	4.83	4.9
Pacific . . . . .	13,384	588	3,372	2,860	43.96	0.25	0.21	5.73	4.86	3.4
Type of Home										
Mobile Home . . . . .	1,004	74	426	361	73.63	0.42	0.36	5.76	4.88	11.9
Single-Family										
Detached . . . . .	69,092	3,350	21,467	18,204	48.49	0.31	0.26	6.41	5.43	2.6
Single-Family										
Attached . . . . .	5,722	293	2,270	1,925	51.19	0.40	0.34	7.75	6.57	9.0
2 to 4 Units . . . . .	9,417	622	4,590	3,893	66.08	0.49	0.41	7.38	6.26	5.1
5 or More Units . . . . .	6,612	404	3,045	2,583	61.10	0.46	0.39	7.54	6.39	6.8
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	3,788	336	2,130	1,806	88.78	0.56	0.48	6.33	5.37	4.8
1,001 to 2,000 . . . . .	25,618	1,572	10,088	8,555	61.36	0.39	0.33	6.42	5.44	3.0
2,001 to 5,000 . . . . .	50,700	2,330	15,808	13,405	45.96	0.31	0.26	6.78	5.75	2.7
5,001 to 10,000 . . . . .	7,770	328	2,393	2,030	42.28	0.31	0.26	7.29	6.18	7.2
10,001 to 25,000 . . . . .	2,084	102	709	601	48.90	0.34	0.29	6.96	5.90	10.7
25,001 to 50,000 . . . . .	733	31	221	187	42.69	0.31	0.26	7.06	5.99	24.9
50,001 to 100,000 . . . . .	265	10	84	71	36.56	0.32	0.27	8.62	7.31	18.1
100,001 to 200,000 . . . . .	550	23	199	169	41.69	0.36	0.31	8.69	7.37	26.3
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	15.17	12.86	91.6
Year Constructed										
1939 or Before . . . . .	28,992	1,608	11,104	9,416	55.46	0.38	0.32	6.91	5.86	3.6
1940 to 1949 . . . . .	8,328	421	2,906	2,464	50.54	0.35	0.30	6.90	5.86	5.9
1950 to 1959 . . . . .	16,166	888	5,858	4,967	54.94	0.36	0.31	6.60	5.59	4.0
1960 to 1969 . . . . .	19,414	960	6,364	5,397	49.45	0.33	0.28	6.63	5.62	4.4
1970 to 1979 . . . . .	16,900	792	5,079	4,307	46.86	0.30	0.25	6.41	5.44	5.9
1980 to 1982 . . . . .	2,047	75	487	413	36.41	0.24	0.20	6.53	5.54	12.5

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 1982 Residential Energy Consumption Survey.

**Table R11.82. Total and Average Consumption and Expenditures for Fuel Oil<sup>1</sup> in Residential Buildings, 1982**

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	1982 Dollars		1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
RSE Column Factors:	2.1	2.2	2.2	2.2	1.5	1.5	1.5	0.1	0.1	
All Buildings . . . . .	30,030	1,196	11,879	10,074	39.83	0.40	0.34	9.93	8.42	2.8
Census Region										
Northeast . . . . .	17,381	833	8,271	7,014	47.90	0.48	0.40	9.93	8.42	3.6
Midwest . . . . .	4,769	156	1,523	1,291	32.70	0.32	0.27	9.77	8.28	5.5
South . . . . .	6,692	178	1,784	1,513	26.58	0.27	0.23	10.03	8.50	7.3
West . . . . .	1,187	30	301	256	25.09	0.25	0.22	10.12	8.58	9.4
Census Division										
New England . . . . .	5,903	254	2,537	2,152	43.04	0.43	0.36	9.99	8.47	3.8
Middle Atlantic . . . . .	11,479	578	5,734	4,862	50.39	0.50	0.42	9.91	8.41	4.8
East North Central . . . . .	3,804	132	1,298	1,100	34.78	0.34	0.29	9.81	8.32	5.5
West North Central . . . . .	965	24	225	191	24.46	0.23	0.20	9.53	8.08	16.1
South Atlantic . . . . .	5,762	169	1,700	1,441	29.41	0.30	0.25	10.03	8.51	7.7
East South Central . . . . .	807	8	81	68	10.02	0.10	0.08	9.97	8.45	20.1
West South Central . . . . .	Q	Q	Q	Q	Q	Q	Q	10.28	8.72	9.7
Mountain . . . . .	Q	Q	Q	Q	Q	Q	Q	9.72	8.24	14.0
Pacific . . . . .	856	22	224	190	25.45	0.26	0.22	10.26	8.70	6.4
Type of Home										
Mobile Home . . . . .	600	36	366	310	59.61	0.61	0.52	10.23	8.68	10.0
Single-Family										
Detached . . . . .	23,884	725	7,190	6,097	30.34	0.30	0.26	9.92	8.41	2.8
Single-Family										
Attached . . . . .	1,202	40	401	340	33.61	0.33	0.28	9.93	8.42	14.3
2 to 4 Units . . . . .	2,628	177	1,758	1,491	67.37	0.67	0.57	9.93	8.42	9.0
5 or More Units . . . . .	1,716	218	2,165	1,836	127.18	1.26	1.07	9.92	8.41	5.0
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	1,127	68	689	585	60.29	0.61	0.52	10.14	8.60	6.3
1,001 to 2,000 . . . . .	5,406	242	2,428	2,059	44.71	0.45	0.38	10.05	8.52	5.1
2,001 to 5,000 . . . . .	17,994	589	5,810	4,927	32.75	0.32	0.27	9.86	8.36	3.6
5,001 to 10,000 . . . . .	3,974	126	1,258	1,067	31.79	0.32	0.27	9.96	8.44	7.3
10,001 to 25,000 . . . . .	612	52	518	439	85.26	0.85	0.72	9.92	8.41	10.4
25,001 to 50,000 . . . . .	191	32	313	265	165.42	1.64	1.39	9.92	8.41	7.1
50,001 to 100,000 . . . . .	224	30	299	253	134.75	1.34	1.13	9.91	8.41	14.9
100,001 to 200,000 . . . . .	259	28	282	239	109.82	1.09	0.92	9.91	8.41	16.7
Over 200,000 . . . . .	Q	Q	Q	Q	116.99	1.16	0.98	9.91	8.41	11.8
Year Constructed										
1939 or Before . . . . .	12,468	575	5,700	4,834	46.14	0.46	0.39	9.91	8.40	4.9
1940 to 1949 . . . . .	2,895	143	1,424	1,208	49.47	0.49	0.42	9.95	8.43	7.9
1950 to 1959 . . . . .	5,197	185	1,840	1,560	35.58	0.35	0.30	9.95	8.44	7.2
1960 to 1969 . . . . .	5,196	151	1,503	1,275	29.11	0.29	0.25	9.94	8.43	6.6
1970 to 1979 . . . . .	4,135	141	1,402	1,189	34.02	0.34	0.29	9.97	8.45	7.6
1980 to 1982 . . . . .	Q	Q	Q	Q	Q	Q	Q	9.96	8.45	8.8

<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 1982 Residential Energy Consumption Survey.

**Table R12A.82p. Total Primary Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1982**

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	0.8	0.9	1.4	1.4			2.3		2.8
RSE Column Factors:	0.5	0.5	0.5	0.7	0.8	0.9	1.4	1.4			2.3	2.8	
All Buildings . . . . .	66,197	13,417	66,169	7,187	41,111	4,743	12,178	1,196			7,171	290	3.5
Census Region													
Northeast . . . . .	12,543	2,943	12,543	1,125	7,353	962	6,046	833			1,051	23	7.6
Midwest . . . . .	16,976	3,763	16,976	1,712	12,323	1,784	2,121	156			1,765	111	6.3
South . . . . .	23,838	4,525	23,838	3,086	12,079	1,142	3,390	178			3,508	118	6.7
West . . . . .	12,841	2,186	12,813	1,264	9,356	854	621	30			847	38	7.0
Census Division													
New England . . . . .	2,972	702	2,972	281	1,277	159	1,954	254			414	8	11.1
Middle Atlantic . . . . .	9,571	2,241	9,571	844	6,076	803	4,092	578			637	15	10.4
East North Central . . . . .	11,539	2,615	11,539	1,154	8,251	1,267	1,655	132			1,019	61	8.2
West North Central . . . . .	5,437	1,148	5,437	558	4,071	518	466	24			746	49	12.6
South Atlantic . . . . .	11,575	2,045	11,575	1,397	4,040	420	2,932	169			2,198	58	10.0
East South Central . . . . .	4,840	985	4,840	758	2,114	200	374	8			505	19	14.0
West South Central . . . . .	7,422	1,495	7,422	931	5,925	522	Q	Q			805	41	11.6
Mountain . . . . .	3,731	647	3,703	350	2,495	266	Q	Q			385	24	14.3
Pacific . . . . .	9,110	1,539	9,110	915	6,861	588	453	22			462	14	9.4
Type of Home													
Mobile Home . . . . .	3,743	495	3,743	337	1,118	74	825	36			1,512	48	16.7
Single-Family													
Detached . . . . .	53,770	9,703	53,742	5,398	33,086	3,350	9,987	725			5,437	230	4.6
Single-Family													
Attached . . . . .	3,869	629	3,869	289	3,080	293	550	40			Q	Q	23.5
2 to 4 Units . . . . .	3,767	1,345	3,767	541	3,089	622	709	177			83	Q	14.0
5 or More Units . . . . .	1,047	1,245	1,047	622	738	404	107	218			Q	Q	13.0
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	9,968	1,196	9,940	724	4,809	336	1,521	68			2,460	68	9.0
1,001 to 2,000 . . . . .	27,014	4,530	27,014	2,591	17,014	1,572	3,569	242			2,721	125	6.7
2,001 to 5,000 . . . . .	27,029	6,111	27,029	3,096	17,904	2,330	6,395	589			1,894	95	5.9
5,001 to 10,000 . . . . .	1,936	907	1,936	450	1,198	328	636	126			Q	Q	14.2
10,001 to 25,000 . . . . .	202	312	202	158	154	102	45	52			*	*	18.0
25,001 to 50,000 . . . . .	32	135	32	72	22	31	5	32			*	*	33.6
50,001 to 100,000 . . . . .	9	82	9	42	4	10	3	30			*	*	37.8
100,001 to 200,000 . . . . .	6	93	6	42	5	23	2	28			*	*	42.3
Over 200,000 . . . . .	Q	Q	Q	12	Q	Q	Q	Q			*	*	64.2
Year Constructed													
1939 or Before . . . . .	18,259	3,733	18,230	1,447	12,434	1,608	4,727	575			2,409	102	8.3
1940 to 1949 . . . . .	6,052	1,110	6,052	533	4,116	421	1,220	143			538	13	11.8
1950 to 1959 . . . . .	11,889	2,136	11,889	1,027	8,581	888	2,317	185			968	36	9.3
1960 to 1969 . . . . .	12,861	2,755	12,861	1,597	8,305	960	1,978	151			1,365	46	8.1
1970 to 1979 . . . . .	15,170	3,278	15,170	2,267	6,945	792	1,861	141			1,660	78	9.0
1980 to 1982 . . . . .	1,965	406	1,965	316	730	75	Q	Q			231	Q	28.0

<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 1982 Residential Energy Consumption Survey.



**Table R12A.82s. Total Site Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1982**

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	0.8	0.9	1.3	1.4			2.3	2.8	
All Buildings	66,197	8,575	66,169	2,346	41,111	4,743	12,178	1,196			7,171	290	3.5
Census Region													
Northeast	12,543	2,185	12,543	367	7,353	962	6,046	833			1,051	23	7.7
Midwest	16,976	2,610	16,976	559	12,323	1,784	2,121	156			1,765	111	6.3
South	23,838	2,446	23,838	1,007	12,079	1,142	3,390	178			3,508	118	6.8
West	12,841	1,334	12,813	413	9,356	854	621	30			847	38	7.2
Census Division													
New England	2,972	513	2,972	92	1,277	159	1,954	254			414	8	11.2
Middle Atlantic	9,571	1,672	9,571	276	6,076	803	4,092	578			637	15	10.6
East North Central	11,539	1,837	11,539	377	8,251	1,267	1,655	132			1,019	61	8.1
West North Central	5,437	773	5,437	182	4,071	518	466	24			746	49	12.7
South Atlantic	11,575	1,104	11,575	456	4,040	420	2,932	169			2,198	58	10.4
East South Central	4,840	474	4,840	247	2,114	200	374	8			505	19	13.6
West South Central	7,422	868	7,422	304	5,925	522	Q	Q			805	41	11.3
Mountain	3,731	412	3,703	114	2,495	266	Q	Q			385	24	13.6
Pacific	9,110	923	9,110	298	6,861	588	453	22			462	14	9.6
Type of Home													
Mobile Home	3,743	268	3,743	110	1,118	74	825	36			1,512	48	16.7
Single-Family													
Detached	53,770	6,066	53,742	1,762	33,086	3,350	9,987	725			5,437	230	4.7
Single-Family													
Attached	3,869	434	3,869	94	3,080	293	550	40			Q	Q	23.3
2 to 4 Units	3,767	981	3,767	176	3,089	622	709	177			83	Q	14.0
5 or More Units	1,047	826	1,047	203	738	404	107	218			Q	Q	13.0
Building Floorspace (square feet)													
Fewer than 1,001	9,968	708	9,940	236	4,809	336	1,521	68			2,460	68	9.1
1,001 to 2,000	27,014	2,784	27,014	846	17,014	1,572	3,569	242			2,721	125	6.7
2,001 to 5,000	27,029	4,025	27,029	1,011	17,904	2,330	6,395	589			1,894	95	5.9
5,001 to 10,000	1,936	604	1,936	147	1,198	328	636	126			Q	Q	14.4
10,001 to 25,000	202	206	202	52	154	102	45	52			*	*	17.9
25,001 to 50,000	32	86	32	23	22	31	5	32			*	*	33.2
50,001 to 100,000	9	54	9	14	4	10	3	30			*	*	37.9
100,001 to 200,000	6	65	6	14	5	23	2	28			*	*	42.0
Over 200,000	Q	Q	Q	4	Q	Q	Q	Q			*	*	64.5
Year Constructed													
1939 or Before	18,259	2,758	18,230	472	12,434	1,608	4,727	575			2,409	102	8.3
1940 to 1949	6,052	751	6,052	174	4,116	421	1,220	143			538	13	11.9
1950 to 1959	11,889	1,444	11,889	335	8,581	888	2,317	185			968	36	9.3
1960 to 1969	12,861	1,679	12,861	521	8,305	960	1,978	151			1,365	46	8.2
1970 to 1979	15,170	1,751	15,170	740	6,945	792	1,861	141			1,660	78	8.9
1980 to 1982	1,965	193	1,965	103	730	75	Q	Q			231	Q	28.1

<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 1982 Residential Energy Consumption Survey.

**Table R12B.82p. Total Primary Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1982**

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)
	0.6	0.5	0.6	0.7	0.8	0.9	1.3	1.4			2.4		2.8
RSE Column Factors:	0.6	0.5	0.6	0.7	0.8	0.9	1.3	1.4			2.4	2.8	
All Buildings . . . . .	142,237	13,417	142,220	7,187	91,847	4,743	30,030	1,196			11,730	290	3.7
Census Region													
Northeast . . . . .	34,352	2,943	34,352	1,125	21,086	962	17,381	833			2,482	23	7.2
Midwest . . . . .	39,916	3,763	39,916	1,712	29,475	1,784	4,769	156			3,637	111	6.2
South . . . . .	43,678	4,525	43,678	3,086	23,440	1,142	6,692	178			4,399	118	7.9
West . . . . .	24,291	2,186	24,274	1,264	17,846	854	1,187	30			1,211	38	7.3
Census Division													
New England . . . . .	9,134	702	9,134	281	4,539	159	5,903	254			952	8	10.9
Middle Atlantic . . . . .	25,219	2,241	25,219	844	16,547	803	11,479	578			1,530	15	9.9
East North Central . . . . .	27,434	2,615	27,434	1,154	19,948	1,267	3,804	132			2,103	61	7.9
West North Central . . . . .	12,482	1,148	12,482	558	9,526	518	965	24			1,534	49	12.5
South Atlantic . . . . .	22,298	2,045	22,298	1,397	9,615	420	5,762	169			2,797	58	11.0
East South Central . . . . .	9,093	985	9,093	758	3,891	200	807	8			684	19	15.6
West South Central . . . . .	12,287	1,495	12,287	931	9,935	522	Q	Q			918	41	14.1
Mountain . . . . .	6,458	647	6,442	350	4,462	266	Q	Q			589	24	14.1
Pacific . . . . .	17,833	1,539	17,833	915	13,384	588	856	22			622	14	9.3
Type of Home													
Mobile Home . . . . .	3,220	495	3,220	337	1,004	74	600	36			1,217	48	17.2
Single-Family													
Detached . . . . .	110,830	9,703	110,814	5,398	69,092	3,350	23,884	725			10,056	230	4.9
Single-Family													
Attached . . . . .	6,916	629	6,916	289	5,722	293	1,202	40			Q	Q	24.3
2 to 4 Units . . . . .	11,543	1,345	11,543	541	9,417	622	2,628	177			259	Q	14.4
5 or More Units . . . . .	9,728	1,245	9,728	622	6,612	404	1,716	218			Q	Q	12.8
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	7,716	1,196	7,699	724	3,788	336	1,127	68			1,809	68	8.9
1,001 to 2,000 . . . . .	40,297	4,530	40,297	2,591	25,618	1,572	5,406	242			3,787	125	6.8
2,001 to 5,000 . . . . .	76,236	6,111	76,236	3,096	50,700	2,330	17,994	589			5,540	95	6.0
5,001 to 10,000 . . . . .	12,363	907	12,363	450	7,770	328	3,974	126			Q	Q	14.2
10,001 to 25,000 . . . . .	2,844	312	2,844	158	2,084	102	612	52			*	*	17.1
25,001 to 50,000 . . . . .	1,089	135	1,089	72	733	31	191	32			*	*	32.8
50,001 to 100,000 . . . . .	654	82	654	42	265	10	224	30			*	*	37.0
100,001 to 200,000 . . . . .	691	93	691	42	550	23	259	28			*	*	41.9
Over 200,000 . . . . .	Q	Q	Q	12	Q	Q	Q	Q			*	*	65.6
Year Constructed													
1939 or Before . . . . .	41,168	3,733	41,152	1,447	28,992	1,608	12,468	575			4,890	102	8.1
1940 to 1949 . . . . .	11,681	1,110	11,681	533	8,328	421	2,895	143			841	13	12.5
1950 to 1959 . . . . .	22,210	2,136	22,210	1,027	16,166	888	5,197	185			1,240	36	9.8
1960 to 1969 . . . . .	28,507	2,755	28,507	1,597	19,414	960	5,196	151			1,986	46	8.7
1970 to 1979 . . . . .	34,197	3,278	34,197	2,267	16,900	792	4,135	141			2,450	78	9.4
1980 to 1982 . . . . .	4,474	406	4,474	316	2,047	75	Q	Q			Q	Q	27.7

<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 1982 Residential Energy Consumption Survey.

**Table R12B.82s. Total Site Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1982**

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)
	0.6	0.5	0.6	0.7	0.8	0.9	1.3	1.4			2.4		2.7
RSE Column Factors:	0.6	0.5	0.6	0.7	0.8	0.9	1.3	1.4			2.4	2.7	
All Buildings . . . . .	142,237	8,575	142,220	2,346	91,847	4,743	30,030	1,196			11,730	290	3.7
Census Region													
Northeast . . . . .	34,352	2,185	34,352	367	21,086	962	17,381	833			2,482	23	7.4
Midwest . . . . .	39,916	2,610	39,916	559	29,475	1,784	4,769	156			3,637	111	6.2
South . . . . .	43,678	2,446	43,678	1,007	23,440	1,142	6,692	178			4,399	118	8.0
West . . . . .	24,291	1,334	24,274	413	17,846	854	1,187	30			1,211	38	7.5
Census Division													
New England . . . . .	9,134	513	9,134	92	4,539	159	5,903	254			952	8	11.0
Middle Atlantic . . . . .	25,219	1,672	25,219	276	16,547	803	11,479	578			1,530	15	10.1
East North Central . . . . .	27,434	1,837	27,434	377	19,948	1,267	3,804	132			2,103	61	7.8
West North Central . . . . .	12,482	773	12,482	182	9,526	518	965	24			1,534	49	12.7
South Atlantic . . . . .	22,298	1,104	22,298	456	9,615	420	5,762	169			2,797	58	11.4
East South Central . . . . .	9,093	474	9,093	247	3,891	200	807	8			684	19	15.2
West South Central . . . . .	12,287	868	12,287	304	9,935	522	Q	Q			918	41	13.8
Mountain . . . . .	6,458	412	6,442	114	4,462	266	Q	Q			589	24	13.5
Pacific . . . . .	17,833	923	17,833	298	13,384	588	856	22			622	14	9.5
Type of Home													
Mobile Home . . . . .	3,220	268	3,220	110	1,004	74	600	36			1,217	48	17.1
Single-Family Detached . . . . .	110,830	6,066	110,814	1,762	69,092	3,350	23,884	725			10,056	230	4.9
Single-Family Attached . . . . .	6,916	434	6,916	94	5,722	293	1,202	40			Q	Q	24.1
2 to 4 Units . . . . .	11,543	981	11,543	176	9,417	622	2,628	177			259	Q	14.4
5 or More Units . . . . .	9,728	826	9,728	203	6,612	404	1,716	218			Q	Q	12.8
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	7,716	708	7,699	236	3,788	336	1,127	68			1,809	68	9.0
1,001 to 2,000 . . . . .	40,297	2,784	40,297	846	25,618	1,572	5,406	242			3,787	125	6.8
2,001 to 5,000 . . . . .	76,236	4,025	76,236	1,011	50,700	2,330	17,994	589			5,540	95	6.0
5,001 to 10,000 . . . . .	12,363	604	12,363	147	7,770	328	3,974	126			Q	Q	14.4
10,001 to 25,000 . . . . .	2,844	206	2,844	52	2,084	102	612	52			*	*	17.1
25,001 to 50,000 . . . . .	1,089	86	1,089	23	733	31	191	32			*	*	32.4
50,001 to 100,000 . . . . .	654	54	654	14	265	10	224	30			*	*	37.1
100,001 to 200,000 . . . . .	691	65	691	14	550	23	259	28			*	*	41.6
Over 200,000 . . . . .	Q	Q	Q	4	Q	Q	Q	Q			*	*	65.8
Year Constructed													
1939 or Before . . . . .	41,168	2,758	41,152	472	28,992	1,608	12,468	575			4,890	102	8.2
1940 to 1949 . . . . .	11,681	751	11,681	174	8,328	421	2,895	143			841	13	12.6
1950 to 1959 . . . . .	22,210	1,444	22,210	335	16,166	888	5,197	185			1,240	36	9.8
1960 to 1969 . . . . .	28,507	1,679	28,507	521	19,414	960	5,196	151			1,986	46	8.7
1970 to 1979 . . . . .	34,197	1,751	34,197	740	16,900	792	4,135	141			2,450	78	9.4
1980 to 1982 . . . . .	4,474	193	4,474	103	2,047	75	Q	Q			Q	Q	27.8

<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 1982 Residential Energy Consumption Survey.

**Table R13A.82p. Space Heating Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1982**

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	NF	1.1	NF	0.8	NF	1.2	NF			2.1	NF	
RSE Column Factors:	0.5	NF	1.1	NF	0.8	NF	1.2	NF			2.1	NF	
All Buildings	63,753	5,294	17,745	919	38,332	3,144	12,051	1,045			4,724	187	4.4
Census Region													
Northeast	12,236	1,482	2,141	127	5,610	646	5,985	698			209	11	11.6
Midwest	16,526	1,809	3,216	258	12,155	1,319	2,120	153			1,246	80	8.6
South	22,762	1,255	8,572	335	11,499	678	3,367	166			2,765	77	7.2
West	12,229	748	3,816	199	9,068	501	580	28			504	20	9.7
Census Division													
New England	2,883	350	604	28	747	103	1,947	216			66	3	15.5
Middle Atlantic	9,353	1,132	1,537	100	4,863	543	4,038	482			Q	Q	13.4
East North Central	11,212	1,291	2,030	189	8,154	931	1,655	129			684	43	11.1
West North Central	5,314	519	1,186	69	4,001	389	465	24			562	37	15.1
South Atlantic	10,877	606	4,264	132	3,624	278	2,908	158			1,542	37	12.1
East South Central	4,534	287	2,359	128	2,090	138	374	8			439	13	14.9
West South Central	7,351	363	1,949	75	5,785	261	Q	Q			784	26	11.8
Mountain	3,606	253	1,016	38	2,456	192	Q	Q			285	14	18.8
Pacific	8,623	495	2,800	161	6,612	309	412	20			218	5	12.0
Type of Home													
Mobile Home	3,656	164	1,226	52	1,098	48	825	35			1,020	29	18.7
Single-Family Detached	51,546	3,639	14,329	599	31,283	2,237	9,878	655			3,547	149	5.5
Single-Family Attached	3,833	289	1,086	58	2,691	188	550	38			Q	Q	25.4
2 to 4 Units	3,690	627	745	65	2,621	408	696	150			Q	Q	15.0
5 or More Units	1,028	575	359	145	640	262	102	167			Q	Q	14.4
Building Floorspace (square feet)													
Fewer than 1,001	9,311	395	2,683	92	4,564	199	1,469	65			1,673	40	9.9
1,001 to 2,000	25,991	1,579	7,840	299	16,168	979	3,529	221			1,995	81	7.2
2,001 to 5,000	26,356	2,583	6,666	376	16,425	1,620	6,363	521			1,055	66	6.8
5,001 to 10,000	1,846	418	460	72	1,052	237	636	110			Q	Q	16.6
10,001 to 25,000	202	138	68	32	102	66	43	41			*	*	20.4
25,001 to 50,000	32	65	19	24	16	19	5	23			*	*	42.1
50,001 to 100,000	9	36	5	8	2	6	3	22			*	*	45.0
100,001 to 200,000	6	49	3	Q	3	Q	2	21			*	*	46.2
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q			*	*	0.0
Year Constructed													
1939 or Before	17,183	1,811	2,966	102	10,830	1,122	4,690	518			1,461	70	9.7
1940 to 1949	5,724	444	1,116	38	3,937	278	1,211	122			292	7	13.1
1950 to 1959	11,648	817	2,249	71	8,194	567	2,284	158			608	21	10.7
1960 to 1969	12,483	955	3,802	187	8,023	614	1,953	128			871	27	8.5
1970 to 1979	14,814	1,155	6,417	467	6,758	517	1,838	118			1,283	53	9.5
1980 to 1982	1,902	111	1,196	54	590	46	Q	Q			Q	Q	32.2

<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 1982 Residential Energy Consumption Survey.

**Table R13A.82s. Space Heating Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1982**

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	NF	1.1	NF	0.8	NF	1.2	NF			2.1	NF	
All Buildings	63,753	4,675	17,745	300	38,332	3,144	12,051	1,045			4,724	187	4.4
Census Region													
Northeast	12,236	1,396	2,141	42	5,610	646	5,985	698			209	11	11.6
Midwest	16,526	1,636	3,216	84	12,155	1,319	2,120	153			1,246	80	8.6
South	22,762	1,030	8,572	109	11,499	678	3,367	166			2,765	77	7.2
West	12,229	614	3,816	65	9,068	501	580	28			504	20	9.7
Census Division													
New England	2,883	331	604	9	747	103	1,947	216			66	3	15.5
Middle Atlantic	9,353	1,065	1,537	33	4,863	543	4,038	482			Q	Q	13.4
East North Central	11,212	1,164	2,030	62	8,154	931	1,655	129			684	43	11.1
West North Central	5,314	472	1,186	23	4,001	389	465	24			562	37	15.1
South Atlantic	10,877	517	4,264	43	3,624	278	2,908	158			1,542	37	12.1
East South Central	4,534	201	2,359	42	2,090	138	374	8			439	13	14.9
West South Central	7,351	312	1,949	24	5,785	261	Q	Q			784	26	11.8
Mountain	3,606	227	1,016	13	2,456	192	Q	Q			285	14	18.8
Pacific	8,623	387	2,800	52	6,612	309	412	20			218	5	12.0
Type of Home													
Mobile Home	3,656	130	1,226	17	1,098	48	825	35			1,020	29	18.7
Single-Family Detached	51,546	3,235	14,329	195	31,283	2,237	9,878	655			3,547	149	5.5
Single-Family Attached	3,833	250	1,086	19	2,691	188	550	38			Q	Q	25.4
2 to 4 Units	3,690	583	745	21	2,621	408	696	150			Q	Q	15.0
5 or More Units	1,028	477	359	47	640	262	102	167			Q	Q	14.4
Building Floorspace (square feet)													
Fewer than 1,001	9,311	333	2,683	30	4,564	199	1,469	65			1,673	40	9.9
1,001 to 2,000	25,991	1,378	7,840	98	16,168	979	3,529	221			1,995	81	7.2
2,001 to 5,000	26,356	2,330	6,666	123	16,425	1,620	6,363	521			1,055	66	6.8
5,001 to 10,000	1,846	370	460	23	1,052	237	636	110			Q	Q	16.6
10,001 to 25,000	202	117	68	10	102	66	43	41			*	*	20.4
25,001 to 50,000	32	49	19	8	16	19	5	23			*	*	42.1
50,001 to 100,000	9	31	5	3	2	6	3	22			*	*	45.0
100,001 to 200,000	6	39	3	Q	3	Q	2	21			*	*	46.2
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q			*	*	0.0
Year Constructed													
1939 or Before	17,183	1,743	2,966	33	10,830	1,122	4,690	518			1,461	70	9.7
1940 to 1949	5,724	419	1,116	12	3,937	278	1,211	122			292	7	13.1
1950 to 1959	11,648	769	2,249	23	8,194	567	2,284	158			608	21	10.7
1960 to 1969	12,483	829	3,802	61	8,023	614	1,953	128			871	27	8.5
1970 to 1979	14,814	841	6,417	152	6,758	517	1,838	118			1,283	53	9.5
1980 to 1982	1,902	74	1,196	18	590	46	Q	Q			Q	Q	32.2

<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 1982 Residential Energy Consumption Survey.

**Table R13B.82p. Space Heating Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1982**

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)		
	RSE Column Factors:	0.5	NF	1.1	NF	0.8	NF	1.2	NF			2.1		NF
All Buildings	137,902	5,294	38,071	919	83,447	3,144	29,811	1,045				7,113	187	4.7
Census Region														
Northeast	33,518	1,482	5,675	127	15,070	646	17,257	698				Q	11	9.2
Midwest	38,942	1,809	7,792	258	28,950	1,319	4,754	153				2,605	80	8.2
South	42,025	1,255	16,713	335	22,120	678	6,651	166				3,408	77	9.0
West	23,417	748	7,891	199	17,308	501	1,150	28				761	20	9.3
Census Division														
New England	8,983	350	1,827	28	2,625	103	5,877	216				127	3	15.9
Middle Atlantic	24,535	1,132	3,848	100	12,445	543	11,380	482				Q	Q	12.3
East North Central	26,641	1,291	4,946	189	19,577	931	3,804	129				1,356	43	10.3
West North Central	12,301	519	2,846	69	9,373	389	950	24				1,250	37	14.8
South Atlantic	21,180	606	8,122	132	8,686	278	5,720	158				1,917	37	13.4
East South Central	8,644	287	4,819	128	3,866	138	807	8				594	13	18.1
West South Central	12,201	363	3,772	75	9,568	261	Q	Q				897	26	15.8
Mountain	6,246	253	1,717	38	4,384	192	Q	Q				415	14	16.8
Pacific	17,171	495	6,174	161	12,924	309	818	20				346	5	11.9
Type of Home														
Mobile Home	3,143	164	1,095	52	996	48	600	35				870	29	19.8
Single-Family														
Detached	106,970	3,639	29,060	599	64,805	2,237	23,729	655				6,001	149	5.9
Single-Family														
Attached	6,861	289	1,850	58	4,913	188	1,202	38				Q	Q	25.9
2 to 4 Units	11,330	627	2,108	65	7,796	408	2,600	150				Q	Q	16.3
5 or More Units	9,597	575	3,958	145	4,937	262	1,680	167				Q	Q	14.2
Building Floorspace (square feet)														
Fewer than 1,001	7,194	395	2,101	92	3,602	199	1,083	65				1,244	40	9.8
1,001 to 2,000	38,863	1,579	11,780	299	24,270	979	5,343	221				2,812	81	7.3
2,001 to 5,000	74,394	2,583	18,901	376	46,358	1,620	17,912	521				3,053	66	6.9
5,001 to 10,000	11,824	418	2,855	72	6,773	237	3,967	110				Q	Q	16.3
10,001 to 25,000	2,844	138	1,022	32	1,388	66	589	41				*	*	19.4
25,001 to 50,000	1,089	65	644	24	510	19	191	23				*	*	39.9
50,001 to 100,000	654	36	333	8	135	6	224	22				*	*	41.6
100,001 to 200,000	691	49	369	Q	288	Q	259	21				*	*	44.4
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q				*	*	0.0
Year Constructed														
1939 or Before	39,003	1,811	6,657	102	24,293	1,122	12,415	518				2,493	70	9.4
1940 to 1949	11,201	444	1,753	38	7,619	278	2,887	122				392	7	14.2
1950 to 1959	21,828	817	4,070	71	15,185	567	5,128	158				759	21	11.6
1960 to 1969	27,909	955	8,073	187	18,339	614	5,139	128				1,291	27	9.3
1970 to 1979	33,574	1,155	14,925	467	16,224	517	4,102	118				1,885	53	10.2
1980 to 1982	4,387	111	2,592	54	1,787	46	Q	Q				Q	Q	27.3

<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 1982 Residential Energy Consumption Survey.

**Table R13B.82s. Space Heating Site Consumption and Floorspace by Energy Source in Residential Buildings, 1982**

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	1.1	NF	0.8	NF	1.2	NF			2.1	NF	
RSE Column Factors:	0.5	NF	1.1	NF	0.8	NF	1.2	NF			2.1	NF	
All Buildings	137,902	4,675	38,071	300	83,447	3,144	29,811	1,045			7,113	187	4.7
Census Region													
Northeast	33,518	1,396	5,675	42	15,070	646	17,257	698			Q	11	9.2
Midwest	38,942	1,636	7,792	84	28,950	1,319	4,754	153			2,605	80	8.2
South	42,025	1,030	16,713	109	22,120	678	6,651	166			3,408	77	9.0
West	23,417	614	7,891	65	17,308	501	1,150	28			761	20	9.3
Census Division													
New England	8,983	331	1,827	9	2,625	103	5,877	216			127	3	15.9
Middle Atlantic	24,535	1,065	3,848	33	12,445	543	11,380	482			Q	Q	12.3
East North Central	26,641	1,164	4,946	62	19,577	931	3,804	129			1,356	43	10.3
West North Central	12,301	472	2,846	23	9,373	389	950	24			1,250	37	14.8
South Atlantic	21,180	517	8,122	43	8,686	278	5,720	158			1,917	37	13.4
East South Central	8,644	201	4,819	42	3,866	138	807	8			594	13	18.1
West South Central	12,201	312	3,772	24	9,568	261	Q	Q			897	26	15.8
Mountain	6,246	227	1,717	13	4,384	192	Q	Q			415	14	16.8
Pacific	17,171	387	6,174	52	12,924	309	818	20			346	5	11.9
Type of Home													
Mobile Home	3,143	130	1,095	17	996	48	600	35			870	29	19.8
Single-Family Detached	106,970	3,235	29,060	195	64,805	2,237	23,729	655			6,001	149	5.9
Single-Family Attached	6,861	250	1,850	19	4,913	188	1,202	38			Q	Q	25.9
2 to 4 Units	11,330	583	2,108	21	7,796	408	2,600	150			Q	Q	16.3
5 or More Units	9,597	477	3,958	47	4,937	262	1,680	167			Q	Q	14.2
Building Floorspace (square feet)													
Fewer than 1,001	7,194	333	2,101	30	3,602	199	1,083	65			1,244	40	9.8
1,001 to 2,000	38,863	1,378	11,780	98	24,270	979	5,343	221			2,812	81	7.3
2,001 to 5,000	74,394	2,330	18,901	123	46,358	1,620	17,912	521			3,053	66	6.9
5,001 to 10,000	11,824	370	2,855	23	6,773	237	3,967	110			Q	Q	16.3
10,001 to 25,000	2,844	117	1,022	10	1,388	66	589	41			*	*	19.4
25,001 to 50,000	1,089	49	644	8	510	19	191	23			*	*	39.9
50,001 to 100,000	654	31	333	3	135	6	224	22			*	*	41.6
100,001 to 200,000	691	39	369	Q	288	Q	259	21			*	*	44.4
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q			*	*	0.0
Year Constructed													
1939 or Before	39,003	1,743	6,657	33	24,293	1,122	12,415	518			2,493	70	9.4
1940 to 1949	11,201	419	1,753	12	7,619	278	2,887	122			392	7	14.2
1950 to 1959	21,828	769	4,070	23	15,185	567	5,128	158			759	21	11.6
1960 to 1969	27,909	829	8,073	61	18,339	614	5,139	128			1,291	27	9.3
1970 to 1979	33,574	841	14,925	152	16,224	517	4,102	118			1,885	53	10.2
1980 to 1982	4,387	74	2,592	18	1,787	46	Q	Q			Q	Q	27.3

<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 1982 Residential Energy Consumption Survey.

**Table R14A.82p. Air Conditioning and Appliances Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1982**

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)	
	1.0	NF	0.6	NF	0.6	NF	1.1	NF	2.8	NF	
RSE Column Factors:	1.0	NF	0.6	NF	0.6	NF	1.1	NF	2.8	NF	
All Buildings	37,796	1,024	66,197	4,854	66,169	4,379	28,293	427	5,281	48	3.0
Census Region											
Northeast	6,492	67	12,543	929	12,543	818	5,966	104	929	8	6.8
Midwest	9,566	162	16,976	1,248	16,976	1,118	8,064	119	1,161	12	6.5
South	17,556	713	23,838	1,755	23,838	1,612	7,993	121	2,535	22	4.7
West	4,181	83	12,841	921	12,813	831	6,269	83	656	7	7.3
Census Division											
New England	1,339	11	2,972	231	2,972	213	891	15	361	3	10.7
Middle Atlantic	5,154	56	9,571	698	9,571	604	5,075	88	569	5	9.6
East North Central	5,568	83	11,539	853	11,539	755	5,761	90	674	Q	9.5
West North Central	3,998	79	5,437	395	5,437	363	2,302	28	486	4	9.4
South Atlantic	7,524	256	11,575	806	11,575	756	2,288	37	1,579	13	9.4
East South Central	4,011	146	4,840	379	4,840	361	1,104	15	280	3	9.9
West South Central	6,020	312	7,422	570	7,422	495	4,602	69	676	6	7.9
Mountain	1,387	37	3,731	252	3,703	237	1,285	12	269	3	16.5
Pacific	2,794	46	9,110	669	9,110	595	4,984	71	387	4	11.2
Type of Home											
Mobile Home	1,856	35	3,743	199	3,743	180	1,022	8	1,366	11	17.3
Single-Family Detached	31,340	771	53,770	3,700	53,742	3,373	21,737	292	3,793	35	4.3
Single-Family Attached	2,113	29	3,869	205	3,869	173	2,596	32	Q	Q	19.9
2 to 4 Units	1,817	66	3,767	425	3,767	364	2,437	60	70	1	11.6
5 or More Units	669	122	1,047	324	1,047	288	500	36	Q	Q	12.1
Building Floorspace (square feet)											
Fewer than 1,001	4,514	83	9,968	476	9,940	422	3,971	39	2,078	15	8.5
1,001 to 2,000	15,804	403	27,014	1,735	27,014	1,556	12,129	160	1,901	19	5.7
2,001 to 5,000	16,067	402	27,029	2,190	27,029	1,991	11,325	186	1,207	12	5.5
5,001 to 10,000	1,236	72	1,936	283	1,936	261	731	22	Q	Q	13.9
10,001 to 25,000	145	31	202	85	202	77	112	9	*	*	16.2
25,001 to 50,000	17	13	32	32	32	28	18	4	*	*	41.8
50,001 to 100,000	8	Q	9	21	9	19	3	2	*	*	38.2
100,001 to 200,000	4	8	6	20	6	17	3	3	*	*	44.6
Over 200,000	1	2	Q	Q	Q	Q	Q	Q	*	*	49.0
Year Constructed											
1939 or Before	7,306	110	18,259	1,220	18,230	1,068	9,683	137	1,728	16	8.3
1940 to 1949	3,287	74	6,052	400	6,052	360	2,856	37	497	3	10.7
1950 to 1959	7,091	158	11,889	793	11,889	702	6,214	85	677	6	8.3
1960 to 1969	8,409	294	12,861	1,051	12,861	948	5,138	92	977	10	7.1
1970 to 1979	10,386	337	15,170	1,220	15,170	1,139	4,071	71	1,219	10	8.0
1980 to 1982	1,318	51	1,965	170	1,965	163	331	5	Q	Q	27.5

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

\* = 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 1982 Residential Energy Consumption Survey.



**Table R14A.82s. Air Conditioning and Appliances Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1982**

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)	
	1.0	NF	0.6	NF	0.6	NF	1.1	NF	2.8	NF	
RSE Column Factors:	1.0	NF	0.6	NF	0.6	NF	1.1	NF	2.8	NF	
All Buildings . . . . .	37,796	334	66,197	1,904	66,169	1,429	28,293	427	5,281	48	3.0
Census Region											
Northeast . . . . .	6,492	22	12,543	378	12,543	267	5,966	104	929	8	6.8
Midwest . . . . .	9,566	53	16,976	495	16,976	365	8,064	119	1,161	12	6.5
South . . . . .	17,556	233	23,838	669	23,838	526	7,993	121	2,535	22	4.7
West . . . . .	4,181	27	12,841	361	12,813	271	6,269	83	656	7	7.3
Census Division											
New England . . . . .	1,339	4	2,972	88	2,972	70	891	15	361	3	10.7
Middle Atlantic . . . . .	5,154	18	9,571	290	9,571	197	5,075	88	569	5	9.6
East North Central . . . . .	5,568	27	11,539	344	11,539	247	5,761	90	674	Q	9.5
West North Central . . . . .	3,998	26	5,437	151	5,437	118	2,302	28	486	4	9.4
South Atlantic . . . . .	7,524	84	11,575	297	11,575	247	2,288	37	1,579	13	9.4
East South Central . . . . .	4,011	48	4,840	136	4,840	118	1,104	15	280	3	9.9
West South Central . . . . .	6,020	102	7,422	236	7,422	161	4,602	69	676	6	7.9
Mountain . . . . .	1,387	12	3,731	92	3,703	77	1,285	12	269	3	16.5
Pacific . . . . .	2,794	15	9,110	269	9,110	194	4,984	71	387	4	11.2
Type of Home											
Mobile Home . . . . .	1,856	11	3,743	77	3,743	59	1,022	8	1,366	11	17.3
Single-Family											
Detached . . . . .	31,340	252	53,770	1,428	53,742	1,101	21,737	292	3,793	35	4.3
Single-Family											
Attached . . . . .	2,113	10	3,869	89	3,869	57	2,596	32	Q	Q	19.9
2 to 4 Units . . . . .	1,817	22	3,767	180	3,767	119	2,437	60	70	1	11.6
5 or More Units . . . . .	669	40	1,047	130	1,047	94	500	36	Q	Q	12.1
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	4,514	27	9,968	192	9,940	138	3,971	39	2,078	15	8.5
1,001 to 2,000 . . . . .	15,804	131	27,014	687	27,014	508	12,129	160	1,901	19	5.7
2,001 to 5,000 . . . . .	16,067	131	27,029	849	27,029	650	11,325	186	1,207	12	5.5
5,001 to 10,000 . . . . .	1,236	24	1,936	108	1,936	85	731	22	Q	Q	13.9
10,001 to 25,000 . . . . .	145	10	202	34	202	25	112	9	*	*	16.2
25,001 to 50,000 . . . . .	17	4	32	13	32	9	18	4	*	*	41.8
50,001 to 100,000 . . . . .	8	Q	9	8	9	6	3	2	*	*	38.2
100,001 to 200,000 . . . . .	4	2	6	9	6	6	3	3	*	*	44.6
Over 200,000 . . . . .	1	1	Q	Q	Q	Q	Q	Q	*	*	49.0
Year Constructed											
1939 or Before . . . . .	7,306	36	18,259	501	18,230	348	9,683	137	1,728	16	8.3
1940 to 1949 . . . . .	3,287	24	6,052	158	6,052	117	2,856	37	497	3	10.7
1950 to 1959 . . . . .	7,091	51	11,889	320	11,889	229	6,214	85	677	6	8.3
1960 to 1969 . . . . .	8,409	96	12,861	412	12,861	309	5,138	92	977	10	7.1
1970 to 1979 . . . . .	10,386	110	15,170	453	15,170	372	4,071	71	1,219	10	8.0
1980 to 1982 . . . . .	1,318	17	1,965	60	1,965	53	331	5	Q	Q	27.5

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 1982 Residential Energy Consumption Survey.

**Table R14B.82p. Air Conditioning and Appliances Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1982**

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)	
	1.0	NF	0.6	NF	0.6	NF	1.0	NF	2.9	NF	
RSE Column Factors:	1.0	NF	0.6	NF	0.6	NF	1.0	NF	2.9	NF	
All Buildings . . . . .	84,284	1,024	142,237	4,854	142,220	4,379	60,827	427	8,156	48	3.4
Census Region											
Northeast . . . . .	17,895	67	34,352	929	34,352	818	16,755	104	2,233	8	6.5
Midwest . . . . .	23,510	162	39,916	1,248	39,916	1,118	18,412	119	2,168	12	5.8
South . . . . .	33,895	713	43,678	1,755	43,678	1,612	14,463	121	2,903	22	6.8
West . . . . .	8,983	83	24,291	921	24,274	831	11,197	83	851	7	7.5
Census Division											
New England . . . . .	4,233	11	9,134	231	9,134	213	3,077	15	815	3	11.1
Middle Atlantic . . . . .	13,662	56	25,219	698	25,219	604	13,678	88	1,418	5	9.1
East North Central . . . . .	14,098	83	27,434	853	27,434	755	13,396	90	1,180	Q	8.0
West North Central . . . . .	9,413	79	12,482	395	12,482	363	5,015	28	988	4	9.7
South Atlantic . . . . .	15,562	256	22,298	806	22,298	756	5,654	37	1,804	13	11.2
East South Central . . . . .	7,936	146	9,093	379	9,093	361	1,882	15	380	3	12.1
West South Central . . . . .	10,396	312	12,287	570	12,287	495	6,928	69	720	6	11.6
Mountain . . . . .	2,462	37	6,458	252	6,442	237	1,853	12	352	3	15.2
Pacific . . . . .	6,522	46	17,833	669	17,833	595	9,344	71	499	4	11.1
Type of Home											
Mobile Home . . . . .	1,705	35	3,220	199	3,220	180	885	8	1,100	11	18.5
Single-Family											
Detached . . . . .	66,180	771	110,830	3,700	110,814	3,373	43,238	292	6,754	35	4.7
Single-Family											
Attached . . . . .	4,039	29	6,916	205	6,916	173	4,882	32	Q	Q	20.7
2 to 4 Units . . . . .	5,872	66	11,543	425	11,543	364	7,332	60	219	1	12.0
5 or More Units . . . . .	6,488	122	9,728	324	9,728	288	4,490	36	Q	Q	11.6
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	3,596	83	7,716	476	7,699	422	3,079	39	1,509	15	8.5
1,001 to 2,000 . . . . .	23,844	403	40,297	1,735	40,297	1,556	18,121	160	2,605	19	5.8
2,001 to 5,000 . . . . .	45,228	402	76,236	2,190	76,236	1,991	32,032	186	3,448	12	5.8
5,001 to 10,000 . . . . .	7,805	72	12,363	283	12,363	261	4,684	22	Q	Q	13.6
10,001 to 25,000 . . . . .	2,024	31	2,844	85	2,844	77	1,444	9	*	*	15.2
25,001 to 50,000 . . . . .	599	13	1,089	32	1,089	28	597	4	*	*	42.0
50,001 to 100,000 . . . . .	518	Q	654	21	654	19	184	2	*	*	36.1
100,001 to 200,000 . . . . .	484	8	691	20	691	17	379	3	*	*	43.1
Over 200,000 . . . . .	Q	2	Q	Q	Q	Q	Q	Q	*	*	35.2
Year Constructed											
1939 or Before . . . . .	17,089	110	41,168	1,220	41,152	1,068	22,538	137	3,409	16	7.6
1940 to 1949 . . . . .	6,664	74	11,681	400	11,681	360	5,355	37	736	3	12.2
1950 to 1959 . . . . .	13,293	158	22,210	793	22,210	702	11,179	85	821	6	8.9
1960 to 1969 . . . . .	19,522	294	28,507	1,051	28,507	948	11,580	92	1,450	10	8.1
1970 to 1979 . . . . .	24,600	337	34,197	1,220	34,197	1,139	9,349	71	1,511	10	8.7
1980 to 1982 . . . . .	3,117	51	4,474	170	4,474	163	827	5	Q	Q	22.9

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 1982 Residential Energy Consumption Survey.

**Table R14B.82s. Air Conditioning and Appliances Site Consumption and Floorspace by Energy Source in Residential Buildings, 1982**

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)	
	1.0	NF	0.6	NF	0.6	NF	1.0	NF	2.9	NF	
RSE Column Factors:	1.0	NF	0.6	NF	0.6	NF	1.0	NF	2.9	NF	
All Buildings . . . . .	84,284	334	142,237	1,904	142,220	1,429	60,827	427	8,156	48	3.4
Census Region											
Northeast . . . . .	17,895	22	34,352	378	34,352	267	16,755	104	2,233	8	6.5
Midwest . . . . .	23,510	53	39,916	495	39,916	365	18,412	119	2,168	12	5.8
South . . . . .	33,895	233	43,678	669	43,678	526	14,463	121	2,903	22	6.8
West . . . . .	8,983	27	24,291	361	24,274	271	11,197	83	851	7	7.5
Census Division											
New England . . . . .	4,233	4	9,134	88	9,134	70	3,077	15	815	3	11.1
Middle Atlantic . . . . .	13,662	18	25,219	290	25,219	197	13,678	88	1,418	5	9.1
East North Central . . . . .	14,098	27	27,434	344	27,434	247	13,396	90	1,180	Q	8.0
West North Central . . . . .	9,413	26	12,482	151	12,482	118	5,015	28	988	4	9.7
South Atlantic . . . . .	15,562	84	22,298	297	22,298	247	5,654	37	1,804	13	11.2
East South Central . . . . .	7,936	48	9,093	136	9,093	118	1,882	15	380	3	12.1
West South Central . . . . .	10,396	102	12,287	236	12,287	161	6,928	69	720	6	11.6
Mountain . . . . .	2,462	12	6,458	92	6,442	77	1,853	12	352	3	15.2
Pacific . . . . .	6,522	15	17,833	269	17,833	194	9,344	71	499	4	11.1
Type of Home											
Mobile Home . . . . .	1,705	11	3,220	77	3,220	59	885	8	1,100	11	18.5
Single-Family											
Detached . . . . .	66,180	252	110,830	1,428	110,814	1,101	43,238	292	6,754	35	4.7
Single-Family											
Attached . . . . .	4,039	10	6,916	89	6,916	57	4,882	32	Q	Q	20.7
2 to 4 Units . . . . .	5,872	22	11,543	180	11,543	119	7,332	60	219	1	12.0
5 or More Units . . . . .	6,488	40	9,728	130	9,728	94	4,490	36	Q	Q	11.6
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	3,596	27	7,716	192	7,699	138	3,079	39	1,509	15	8.5
1,001 to 2,000 . . . . .	23,844	131	40,297	687	40,297	508	18,121	160	2,605	19	5.8
2,001 to 5,000 . . . . .	45,228	131	76,236	849	76,236	650	32,032	186	3,448	12	5.8
5,001 to 10,000 . . . . .	7,805	24	12,363	108	12,363	85	4,684	22	Q	Q	13.6
10,001 to 25,000 . . . . .	2,024	10	2,844	34	2,844	25	1,444	9	*	*	15.2
25,001 to 50,000 . . . . .	599	4	1,089	13	1,089	9	597	4	*	*	42.0
50,001 to 100,000 . . . . .	518	Q	654	8	654	6	184	2	*	*	36.1
100,001 to 200,000 . . . . .	484	2	691	9	691	6	379	3	*	*	43.1
Over 200,000 . . . . .	Q	1	Q	Q	Q	Q	Q	Q	*	*	35.2
Year Constructed											
1939 or Before . . . . .	17,089	36	41,168	501	41,152	348	22,538	137	3,409	16	7.6
1940 to 1949 . . . . .	6,664	24	11,681	158	11,681	117	5,355	37	736	3	12.2
1950 to 1959 . . . . .	13,293	51	22,210	320	22,210	229	11,179	85	821	6	8.9
1960 to 1969 . . . . .	19,522	96	28,507	412	28,507	309	11,580	92	1,450	10	8.1
1970 to 1979 . . . . .	24,600	110	34,197	453	34,197	372	9,349	71	1,511	10	8.7
1980 to 1982 . . . . .	3,117	17	4,474	60	4,474	53	827	5	Q	Q	22.9

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 1982 Residential Energy Consumption Survey.

**Table R15A.82p. Total Primary Consumption and Number of Buildings by End Use in Residential Buildings, 1982**

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	0.9	0.9	NF	0.9	NF	1.5	NF	0.9	NF	
All Buildings		66,197	13,417	63,753	5,294	65,684	2,220	37,796	1,049	66,197	4,854	1.6
Census Region												
Northeast		12,543	2,943	12,236	1,482	12,497	464	6,492	69	12,543	929	3.5
Midwest		16,976	3,763	16,526	1,809	16,893	542	9,566	164	16,976	1,248	3.4
South		23,838	4,525	22,762	1,255	23,476	782	17,556	732	23,838	1,755	2.6
West		12,841	2,186	12,229	748	12,819	432	4,181	84	12,841	921	3.3
Census Division												
New England		2,972	702	2,883	350	2,955	109	1,339	12	2,972	231	7.5
Middle Atlantic		9,571	2,241	9,353	1,132	9,542	354	5,154	57	9,571	698	5.3
East North Central		11,539	2,615	11,212	1,291	11,471	388	5,568	83	11,539	853	4.8
West North Central		5,437	1,148	5,314	519	5,422	154	3,998	81	5,437	395	6.9
South Atlantic		11,575	2,045	10,877	606	11,331	376	7,524	257	11,575	806	5.1
East South Central		4,840	985	4,534	287	4,815	173	4,011	146	4,840	379	5.1
West South Central		7,422	1,495	7,351	363	7,330	233	6,020	329	7,422	570	5.5
Mountain		3,731	647	3,606	253	3,712	105	1,387	38	3,731	252	10.8
Pacific		9,110	1,539	8,623	495	9,107	327	2,794	47	9,110	669	6.1
Type of Home												
Mobile Home		3,743	495	3,656	164	3,743	97	1,856	35	3,743	199	14.0
Single-Family												
Detached		53,770	9,703	51,546	3,639	53,286	1,570	31,340	793	53,770	3,700	2.5
Single-Family												
Attached		3,869	629	3,833	289	3,869	104	2,113	30	3,869	205	14.7
2 to 4 Units		3,767	1,345	3,690	627	3,741	227	1,817	66	3,767	425	7.9
5 or More Units		1,047	1,245	1,028	575	1,045	221	669	125	1,047	324	8.4
Building Floorspace (square feet)												
Fewer than 1,001		9,968	1,196	9,311	395	9,820	241	4,514	83	9,968	476	6.5
1,001 to 2,000		27,014	4,530	25,991	1,579	26,851	805	15,804	411	27,014	1,735	3.8
2,001 to 5,000		27,029	6,111	26,356	2,583	26,829	922	16,067	416	27,029	2,190	3.3
5,001 to 10,000		1,936	907	1,846	418	1,934	133	1,236	72	1,936	283	9.7
10,001 to 25,000		202	312	202	138	202	57	145	32	202	85	11.0
25,001 to 50,000		32	135	32	65	32	24	17	13	32	32	26.3
50,001 to 100,000		9	82	9	36	9	14	8	Q	9	21	30.0
100,001 to 200,000		6	93	6	49	6	16	4	9	6	20	32.5
Over 200,000		Q	Q	Q	Q	Q	Q	1	Q	Q	Q	31.4
Year Constructed												
1939 or Before		18,259	3,733	17,183	1,811	17,985	587	7,306	115	18,259	1,220	5.8
1940 to 1949		6,052	1,110	5,724	444	6,009	189	3,287	77	6,052	400	8.2
1950 to 1959		11,889	2,136	11,648	817	11,774	358	7,091	167	11,889	793	6.0
1960 to 1969		12,861	2,755	12,483	955	12,856	451	8,409	298	12,861	1,051	5.2
1970 to 1979		15,170	3,278	14,814	1,155	15,129	560	10,386	342	15,170	1,220	5.6
1980 to 1982		1,965	406	1,902	111	1,932	75	1,318	51	1,965	170	18.6

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 1982 Residential Energy Consumption Survey.

**Table R15A.82s. Total Site Consumption and Number of Buildings by End Use in Residential Buildings, 1982**

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	0.9	0.9	NF	0.9	NF	1.5	NF	0.9	
All Buildings . . . . .	66,197	8,575	63,753	4,675	65,684	1,637	37,796	359	66,197	1,904	1.6
Census Region											
Northeast . . . . .	12,543	2,185	12,236	1,396	12,497	387	6,492	24	12,543	378	3.5
Midwest . . . . .	16,976	2,610	16,526	1,636	16,893	424	9,566	55	16,976	495	3.4
South . . . . .	23,838	2,446	22,762	1,030	23,476	495	17,556	252	23,838	669	2.6
West . . . . .	12,841	1,334	12,229	614	12,819	330	4,181	29	12,841	361	3.3
Census Division											
New England . . . . .	2,972	513	2,883	331	2,955	90	1,339	5	2,972	88	7.5
Middle Atlantic . . . . .	9,571	1,672	9,353	1,065	9,542	297	5,154	19	9,571	290	5.3
East North Central . . . . .	11,539	1,837	11,212	1,164	11,471	302	5,568	27	11,539	344	4.8
West North Central . . . . .	5,437	773	5,314	472	5,422	122	3,998	27	5,437	151	6.9
South Atlantic . . . . .	11,575	1,104	10,877	517	11,331	205	7,524	85	11,575	297	5.1
East South Central . . . . .	4,840	474	4,534	201	4,815	90	4,011	48	4,840	136	5.1
West South Central . . . . .	7,422	868	7,351	312	7,330	200	6,020	119	7,422	236	5.5
Mountain . . . . .	3,731	412	3,606	227	3,712	80	1,387	13	3,731	92	10.8
Pacific . . . . .	9,110	923	8,623	387	9,107	251	2,794	16	9,110	269	6.1
Type of Home											
Mobile Home . . . . .	3,743	268	3,656	130	3,743	50	1,856	11	3,743	77	14.0
Single-Family											
Detached . . . . .	53,770	6,066	51,546	3,235	53,286	1,129	31,340	274	53,770	1,428	2.5
Single-Family											
Attached . . . . .	3,869	434	3,833	250	3,869	85	2,113	10	3,869	89	14.7
2 to 4 Units . . . . .	3,767	981	3,690	583	3,741	197	1,817	22	3,767	180	7.9
5 or More Units . . . . .	1,047	826	1,028	477	1,045	176	669	42	1,047	130	8.4
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	9,968	708	9,311	333	9,820	156	4,514	28	9,968	192	6.5
1,001 to 2,000 . . . . .	27,014	2,784	25,991	1,378	26,851	580	15,804	139	27,014	687	3.8
2,001 to 5,000 . . . . .	27,029	4,025	26,356	2,330	26,829	702	16,067	145	27,029	849	3.3
5,001 to 10,000 . . . . .	1,936	604	1,846	370	1,934	102	1,236	24	1,936	108	9.7
10,001 to 25,000 . . . . .	202	206	202	117	202	44	145	11	202	34	11.0
25,001 to 50,000 . . . . .	32	86	32	49	32	20	17	4	32	13	26.3
50,001 to 100,000 . . . . .	9	54	9	31	9	11	8	Q	9	8	30.0
100,001 to 200,000 . . . . .	6	65	6	39	6	14	4	4	6	9	32.5
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	1	Q	Q	Q	31.4
Year Constructed											
1939 or Before . . . . .	18,259	2,758	17,183	1,743	17,985	474	7,306	40	18,259	501	5.8
1940 to 1949 . . . . .	6,052	751	5,724	419	6,009	148	3,287	26	6,052	158	8.2
1950 to 1959 . . . . .	11,889	1,444	11,648	769	11,774	293	7,091	61	11,889	320	6.0
1960 to 1969 . . . . .	12,861	1,679	12,483	829	12,856	338	8,409	100	12,861	412	5.2
1970 to 1979 . . . . .	15,170	1,751	14,814	841	15,129	341	10,386	115	15,170	453	5.6
1980 to 1982 . . . . .	1,965	193	1,902	74	1,932	42	1,318	17	1,965	60	18.6

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 1982 Residential Energy Consumption Survey.

**Table R15B.82p. Total Primary Consumption and Floorspace by End Use in Residential Buildings, 1982**

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	0.9	NF	0.9	NF	1.5	NF	0.9	NF	
RSE Column Factors:	0.9	0.9	0.9	NF	0.9	NF	1.5	NF	0.9	NF	
All Buildings . . . . .	142,237	13,417	137,902	5,294	141,295	2,220	84,284	1,049	142,237	4,854	1.8
Census Region											
Northeast . . . . .	34,352	2,943	33,518	1,482	34,243	464	17,895	69	34,352	929	3.5
Midwest . . . . .	39,916	3,763	38,942	1,809	39,649	542	23,510	164	39,916	1,248	2.9
South . . . . .	43,678	4,525	42,025	1,255	43,166	782	33,895	732	43,678	1,755	3.9
West . . . . .	24,291	2,186	23,417	748	24,237	432	8,983	84	24,291	921	3.5
Census Division											
New England . . . . .	9,134	702	8,983	350	9,101	109	4,233	12	9,134	231	7.1
Middle Atlantic . . . . .	25,219	2,241	24,535	1,132	25,143	354	13,662	57	25,219	698	5.3
East North Central . . . . .	27,434	2,615	26,641	1,291	27,222	388	14,098	83	27,434	853	3.8
West North Central . . . . .	12,482	1,148	12,301	519	12,427	154	9,413	81	12,482	395	6.8
South Atlantic . . . . .	22,298	2,045	21,180	606	21,931	376	15,562	257	22,298	806	6.2
East South Central . . . . .	9,093	985	8,644	287	9,058	173	7,936	146	9,093	379	7.4
West South Central . . . . .	12,287	1,495	12,201	363	12,177	233	10,396	329	12,287	570	8.0
Mountain . . . . .	6,458	647	6,246	253	6,422	105	2,462	38	6,458	252	9.3
Pacific . . . . .	17,833	1,539	17,171	495	17,815	327	6,522	47	17,833	669	6.1
Type of Home											
Mobile Home . . . . .	3,220	495	3,143	164	3,220	97	1,705	35	3,220	199	14.8
Single-Family											
Detached . . . . .	110,830	9,703	106,970	3,639	109,989	1,570	66,180	793	110,830	3,700	2.8
Single-Family											
Attached . . . . .	6,916	629	6,861	289	6,916	104	4,039	30	6,916	205	15.0
2 to 4 Units . . . . .	11,543	1,345	11,330	627	11,459	227	5,872	66	11,543	425	8.5
5 or More Units . . . . .	9,728	1,245	9,597	575	9,711	221	6,488	125	9,728	324	8.2
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	7,716	1,196	7,194	395	7,589	241	3,596	83	7,716	476	6.4
1,001 to 2,000 . . . . .	40,297	4,530	38,863	1,579	40,058	805	23,844	411	40,297	1,735	3.8
2,001 to 5,000 . . . . .	76,236	6,111	74,394	2,583	75,676	922	45,228	416	76,236	2,190	3.5
5,001 to 10,000 . . . . .	12,363	907	11,824	418	12,346	133	7,805	72	12,363	283	9.6
10,001 to 25,000 . . . . .	2,844	312	2,844	138	2,844	57	2,024	32	2,844	85	10.5
25,001 to 50,000 . . . . .	1,089	135	1,089	65	1,089	24	599	13	1,089	32	26.4
50,001 to 100,000 . . . . .	654	82	654	36	654	14	518	Q	654	21	28.9
100,001 to 200,000 . . . . .	691	93	691	49	691	16	484	9	691	20	31.9
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before . . . . .	41,168	3,733	39,003	1,811	40,716	587	17,089	115	41,168	1,220	5.3
1940 to 1949 . . . . .	11,681	1,110	11,201	444	11,631	189	6,664	77	11,681	400	9.1
1950 to 1959 . . . . .	22,210	2,136	21,828	817	21,945	358	13,293	167	22,210	793	6.5
1960 to 1969 . . . . .	28,507	2,755	27,909	955	28,497	451	19,522	298	28,507	1,051	6.1
1970 to 1979 . . . . .	34,197	3,278	33,574	1,155	34,105	560	24,600	342	34,197	1,220	5.9
1980 to 1982 . . . . .	4,474	406	4,387	111	4,401	75	3,117	51	4,474	170	16.2

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 1982 Residential Energy Consumption Survey.

**Table R15B.82s. Total Site Consumption and Floorspace by End Use in Residential Buildings, 1982**

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	0.9	NF	0.9	NF	1.5	NF	0.9	NF	
All Buildings . . . . .		142,237	8,575	137,902	4,675	141,295	1,637	84,284	359	142,237	1,904	1.8
Census Region												
Northeast . . . . .		34,352	2,185	33,518	1,396	34,243	387	17,895	24	34,352	378	3.5
Midwest . . . . .		39,916	2,610	38,942	1,636	39,649	424	23,510	55	39,916	495	2.9
South . . . . .		43,678	2,446	42,025	1,030	43,166	495	33,895	252	43,678	669	3.9
West . . . . .		24,291	1,334	23,417	614	24,237	330	8,983	29	24,291	361	3.5
Census Division												
New England . . . . .		9,134	513	8,983	331	9,101	90	4,233	5	9,134	88	7.1
Middle Atlantic . . . . .		25,219	1,672	24,535	1,065	25,143	297	13,662	19	25,219	290	5.3
East North Central . . . . .		27,434	1,837	26,641	1,164	27,222	302	14,098	27	27,434	344	3.8
West North Central . . . . .		12,482	773	12,301	472	12,427	122	9,413	27	12,482	151	6.8
South Atlantic . . . . .		22,298	1,104	21,180	517	21,931	205	15,562	85	22,298	297	6.2
East South Central . . . . .		9,093	474	8,644	201	9,058	90	7,936	48	9,093	136	7.4
West South Central . . . . .		12,287	868	12,201	312	12,177	200	10,396	119	12,287	236	8.0
Mountain . . . . .		6,458	412	6,246	227	6,422	80	2,462	13	6,458	92	9.3
Pacific . . . . .		17,833	923	17,171	387	17,815	251	6,522	16	17,833	269	6.1
Type of Home												
Mobile Home . . . . .		3,220	268	3,143	130	3,220	50	1,705	11	3,220	77	14.8
Single-Family												
Detached . . . . .		110,830	6,066	106,970	3,235	109,989	1,129	66,180	274	110,830	1,428	2.8
Single-Family												
Attached . . . . .		6,916	434	6,861	250	6,916	85	4,039	10	6,916	89	15.0
2 to 4 Units . . . . .		11,543	981	11,330	583	11,459	197	5,872	22	11,543	180	8.5
5 or More Units . . . . .		9,728	826	9,597	477	9,711	176	6,488	42	9,728	130	8.2
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		7,716	708	7,194	333	7,589	156	3,596	28	7,716	192	6.4
1,001 to 2,000 . . . . .		40,297	2,784	38,863	1,378	40,058	580	23,844	139	40,297	687	3.8
2,001 to 5,000 . . . . .		76,236	4,025	74,394	2,330	75,676	702	45,228	145	76,236	849	3.5
5,001 to 10,000 . . . . .		12,363	604	11,824	370	12,346	102	7,805	24	12,363	108	9.6
10,001 to 25,000 . . . . .		2,844	206	2,844	117	2,844	44	2,024	11	2,844	34	10.5
25,001 to 50,000 . . . . .		1,089	86	1,089	49	1,089	20	599	4	1,089	13	26.4
50,001 to 100,000 . . . . .		654	54	654	31	654	11	518	Q	654	8	28.9
100,001 to 200,000 . . . . .		691	65	691	39	691	14	484	4	691	9	31.9
Over 200,000 . . . . .		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed												
1939 or Before . . . . .		41,168	2,758	39,003	1,743	40,716	474	17,089	40	41,168	501	5.3
1940 to 1949 . . . . .		11,681	751	11,201	419	11,631	148	6,664	26	11,681	158	9.1
1950 to 1959 . . . . .		22,210	1,444	21,828	769	21,945	293	13,293	61	22,210	320	6.5
1960 to 1969 . . . . .		28,507	1,679	27,909	829	28,497	338	19,522	100	28,507	412	6.1
1970 to 1979 . . . . .		34,197	1,751	33,574	841	34,105	341	24,600	115	34,197	453	5.9
1980 to 1982 . . . . .		4,474	193	4,387	74	4,401	42	3,117	17	4,474	60	16.2

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 1982 Residential Energy Consumption Survey.

**Table R16A.82p. Primary Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1982**

Building Characteristics	End Uses										RSE Row Factors
	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	0.8	1.6	NF	1.5	NF	1.1	NF	0.7	NF	
All Buildings . . . . .	66,169	7,187	17,745	919	22,934	865	37,796	1,024	66,169	4,379	2.6
Census Region											
Northeast . . . . .	12,543	1,125	2,141	127	3,075	113	6,492	67	12,543	818	6.0
Midwest . . . . .	16,976	1,712	3,216	258	4,985	175	9,566	162	16,976	1,118	6.5
South . . . . .	23,838	3,086	8,572	335	11,489	426	17,556	713	23,838	1,612	3.6
West . . . . .	12,813	1,264	3,816	199	3,385	151	4,181	83	12,813	831	6.5
Census Division											
New England . . . . .	2,972	281	604	28	690	29	1,339	11	2,972	213	9.6
Middle Atlantic . . . . .	9,571	844	1,537	100	2,385	84	5,154	56	9,571	604	8.6
East North Central . . . . .	11,539	1,154	2,030	189	3,712	128	5,568	83	11,539	755	9.3
West North Central . . . . .	5,437	558	1,186	69	1,272	47	3,998	79	5,437	363	9.1
South Atlantic . . . . .	11,575	1,397	4,264	132	7,187	253	7,524	256	11,575	756	6.0
East South Central . . . . .	4,840	758	2,359	128	3,199	123	4,011	146	4,840	361	7.7
West South Central . . . . .	7,422	931	1,949	75	1,103	49	6,020	312	7,422	495	8.9
Mountain . . . . .	3,703	350	1,016	38	1,114	37	1,387	37	3,703	237	21.5
Pacific . . . . .	9,110	915	2,800	161	2,271	114	2,794	46	9,110	595	7.8
Type of Home											
Mobile Home . . . . .	3,743	337	1,226	52	2,231	70	1,856	35	3,743	180	16.5
Single-Family											
Detached . . . . .	53,742	5,398	14,329	599	18,933	655	31,340	771	53,742	3,373	3.5
Single-Family											
Attached . . . . .	3,869	289	1,086	58	868	28	2,113	29	3,869	173	18.7
2 to 4 Units . . . . .	3,767	541	745	65	601	45	1,817	66	3,767	364	10.7
5 or More Units . . . . .	1,047	622	359	145	300	66	669	122	1,047	288	9.7
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	9,940	724	2,683	92	4,511	127	4,514	83	9,940	422	7.9
1,001 to 2,000 . . . . .	27,014	2,591	7,840	299	9,612	334	15,804	403	27,014	1,556	4.8
2,001 to 5,000 . . . . .	27,029	3,096	6,666	376	8,150	326	16,067	402	27,029	1,991	4.6
5,001 to 10,000 . . . . .	1,936	450	460	72	601	46	1,236	72	1,936	261	11.6
10,001 to 25,000 . . . . .	202	158	68	32	45	18	145	31	202	77	14.9
25,001 to 50,000 . . . . .	32	72	19	24	10	7	17	13	32	28	32.8
50,001 to 100,000 . . . . .	9	42	5	8	Q	4	8	Q	9	19	37.8
100,001 to 200,000 . . . . .	6	42	3	Q	Q	Q	4	8	6	17	40.3
Over 200,000 . . . . .	Q	12	Q	Q	Q	Q	1	2	Q	Q	47.7
Year Constructed											
1939 or Before . . . . .	18,230	1,447	2,966	102	5,043	168	7,306	110	18,230	1,068	7.0
1940 to 1949 . . . . .	6,052	533	1,116	38	1,834	61	3,287	74	6,052	360	10.0
1950 to 1959 . . . . .	11,889	1,027	2,249	71	2,847	96	7,091	158	11,889	702	7.3
1960 to 1969 . . . . .	12,861	1,597	3,802	187	4,417	168	8,409	294	12,861	948	5.9
1970 to 1979 . . . . .	15,170	2,267	6,417	467	7,752	324	10,386	337	15,170	1,139	6.9
1980 to 1982 . . . . .	1,965	316	1,196	54	1,040	48	1,318	51	1,965	163	21.6

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 1982 Residential Energy Consumption Survey.



**Table R16A.82s. Site Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1982**

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	0.8	1.6	NF	1.5	NF	1.1	NF	0.7	NF	
All Buildings		66,169	2,346	17,745	300	22,934	282	37,796	334	66,169	1,429	2.6
Census Region												
Northeast		12,543	367	2,141	42	3,075	37	6,492	22	12,543	267	6.0
Midwest		16,976	559	3,216	84	4,985	57	9,566	53	16,976	365	6.5
South		23,838	1,007	8,572	109	11,489	139	17,556	233	23,838	526	3.6
West		12,813	413	3,816	65	3,385	49	4,181	27	12,813	271	6.5
Census Division												
New England		2,972	92	604	9	690	9	1,339	4	2,972	70	9.6
Middle Atlantic		9,571	276	1,537	33	2,385	28	5,154	18	9,571	197	8.6
East North Central		11,539	377	2,030	62	3,712	42	5,568	27	11,539	247	9.3
West North Central		5,437	182	1,186	23	1,272	15	3,998	26	5,437	118	9.1
South Atlantic		11,575	456	4,264	43	7,187	83	7,524	84	11,575	247	6.0
East South Central		4,840	247	2,359	42	3,199	40	4,011	48	4,840	118	7.7
West South Central		7,422	304	1,949	24	1,103	16	6,020	102	7,422	161	8.9
Mountain		3,703	114	1,016	13	1,114	12	1,387	12	3,703	77	21.5
Pacific		9,110	298	2,800	52	2,271	37	2,794	15	9,110	194	7.8
Type of Home												
Mobile Home		3,743	110	1,226	17	2,231	23	1,856	11	3,743	59	16.5
Single-Family												
Detached		53,742	1,762	14,329	195	18,933	214	31,340	252	53,742	1,101	3.5
Single-Family												
Attached		3,869	94	1,086	19	868	9	2,113	10	3,869	57	18.7
2 to 4 Units		3,767	176	745	21	601	15	1,817	22	3,767	119	10.7
5 or More Units		1,047	203	359	47	300	22	669	40	1,047	94	9.7
Building Floorspace (square feet)												
Fewer than 1,001		9,940	236	2,683	30	4,511	42	4,514	27	9,940	138	7.9
1,001 to 2,000		27,014	846	7,840	98	9,612	109	15,804	131	27,014	508	4.8
2,001 to 5,000		27,029	1,011	6,666	123	8,150	107	16,067	131	27,029	650	4.6
5,001 to 10,000		1,936	147	460	23	601	15	1,236	24	1,936	85	11.6
10,001 to 25,000		202	52	68	10	45	6	145	10	202	25	14.9
25,001 to 50,000		32	23	19	8	10	2	17	4	32	9	32.8
50,001 to 100,000		9	14	5	3	Q	1	8	Q	9	6	37.8
100,001 to 200,000		6	14	3	Q	Q	Q	4	2	6	6	40.3
Over 200,000		Q	4	Q	Q	Q	Q	1	1	Q	Q	47.7
Year Constructed												
1939 or Before		18,230	472	2,966	33	5,043	55	7,306	36	18,230	348	7.0
1940 to 1949		6,052	174	1,116	12	1,834	20	3,287	24	6,052	117	10.0
1950 to 1959		11,889	335	2,249	23	2,847	31	7,091	51	11,889	229	7.3
1960 to 1969		12,861	521	3,802	61	4,417	55	8,409	96	12,861	309	5.9
1970 to 1979		15,170	740	6,417	152	7,752	106	10,386	110	15,170	372	6.9
1980 to 1982		1,965	103	1,196	18	1,040	16	1,318	17	1,965	53	21.6

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 1982 Residential Energy Consumption Survey.

**Table R16B.82p. Primary Electricity Consumption and Floorspace by End Use in Residential Buildings, 1982**

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	1.5	NF	1.5	NF	1.1	NF	0.7	NF	
All Buildings . . . . .	142,220	7,187	38,071	919	45,493	865	84,284	1,024	142,220	4,379	2.9
Census Region											
Northeast . . . . .	34,352	1,125	5,675	127	7,685	113	17,895	67	34,352	818	5.9
Midwest . . . . .	39,916	1,712	7,792	258	10,678	175	23,510	162	39,916	1,118	5.9
South . . . . .	43,678	3,086	16,713	335	20,544	426	33,895	713	43,678	1,612	4.8
West . . . . .	24,274	1,264	7,891	199	6,587	151	8,983	83	24,274	831	5.9
Census Division											
New England . . . . .	9,134	281	1,827	28	1,871	29	4,233	11	9,134	213	9.6
Middle Atlantic . . . . .	25,219	844	3,848	100	5,813	84	13,662	56	25,219	604	8.2
East North Central . . . . .	27,434	1,154	4,946	189	8,095	128	14,098	83	27,434	755	8.0
West North Central . . . . .	12,482	558	2,846	69	2,583	47	9,413	79	12,482	363	9.1
South Atlantic . . . . .	22,298	1,397	8,122	132	12,422	253	15,562	256	22,298	756	7.1
East South Central . . . . .	9,093	758	4,819	128	6,066	123	7,936	146	9,093	361	10.2
West South Central . . . . .	12,287	931	3,772	75	2,055	49	10,396	312	12,287	495	11.0
Mountain . . . . .	6,442	350	1,717	38	1,836	37	2,462	37	6,442	237	18.2
Pacific . . . . .	17,833	915	6,174	161	4,750	114	6,522	46	17,833	595	7.6
Type of Home											
Mobile Home . . . . .	3,220	337	1,095	52	1,860	70	1,705	35	3,220	180	17.5
Single-Family											
Detached . . . . .	110,814	5,398	29,060	599	37,325	655	66,180	771	110,814	3,373	3.8
Single-Family											
Attached . . . . .	6,916	289	1,850	58	1,548	28	4,039	29	6,916	173	18.3
2 to 4 Units . . . . .	11,543	541	2,108	65	1,831	45	5,872	66	11,543	364	11.6
5 or More Units . . . . .	9,728	622	3,958	145	2,929	66	6,488	122	9,728	288	10.2
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	7,699	724	2,101	92	3,423	127	3,596	83	7,699	422	7.8
1,001 to 2,000 . . . . .	40,297	2,591	11,780	299	14,151	334	23,844	403	40,297	1,556	4.7
2,001 to 5,000 . . . . .	76,236	3,096	18,901	376	22,562	326	45,228	402	76,236	1,991	4.8
5,001 to 10,000 . . . . .	12,363	450	2,855	72	3,860	46	7,805	72	12,363	261	11.5
10,001 to 25,000 . . . . .	2,844	158	1,022	32	717	18	2,024	31	2,844	77	14.8
25,001 to 50,000 . . . . .	1,089	72	644	24	365	7	599	13	1,089	28	33.5
50,001 to 100,000 . . . . .	654	42	333	8	Q	4	518	Q	654	19	36.7
100,001 to 200,000 . . . . .	691	42	369	Q	Q	Q	484	8	691	17	39.4
Over 200,000 . . . . .	Q	12	Q	Q	Q	Q	Q	2	Q	Q	53.9
Year Constructed											
1939 or Before . . . . .	41,152	1,447	6,657	102	10,213	168	17,089	110	41,152	1,068	6.8
1940 to 1949 . . . . .	11,681	533	1,753	38	3,237	61	6,664	74	11,681	360	10.6
1950 to 1959 . . . . .	22,210	1,027	4,070	71	4,969	96	13,293	158	22,210	702	7.7
1960 to 1969 . . . . .	28,507	1,597	8,073	187	8,555	168	19,522	294	28,507	948	6.9
1970 to 1979 . . . . .	34,197	2,267	14,925	467	16,350	324	24,600	337	34,197	1,139	7.0
1980 to 1982 . . . . .	4,474	316	2,592	54	2,169	48	3,117	51	4,474	163	18.0

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 1982 Residential Energy Consumption Survey.

**Table R16B.82s. Site Electricity Consumption and Floorspace by End Use in Residential Buildings, 1982**

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)	
	0.7	0.8	1.5	NF	1.5	NF	1.1	NF	0.7	NF	
RSE Column Factors:	0.7	0.8	1.5	NF	1.5	NF	1.1	NF	0.7	NF	
All Buildings . . . . .	142,220	2,346	38,071	300	45,493	282	84,284	334	142,220	1,429	2.9
Census Region											
Northeast . . . . .	34,352	367	5,675	42	7,685	37	17,895	22	34,352	267	5.9
Midwest . . . . .	39,916	559	7,792	84	10,678	57	23,510	53	39,916	365	5.9
South . . . . .	43,678	1,007	16,713	109	20,544	139	33,895	233	43,678	526	4.8
West . . . . .	24,274	413	7,891	65	6,587	49	8,983	27	24,274	271	5.9
Census Division											
New England . . . . .	9,134	92	1,827	9	1,871	9	4,233	4	9,134	70	9.6
Middle Atlantic . . . . .	25,219	276	3,848	33	5,813	28	13,662	18	25,219	197	8.2
East North Central . . . . .	27,434	377	4,946	62	8,095	42	14,098	27	27,434	247	8.0
West North Central . . . . .	12,482	182	2,846	23	2,583	15	9,413	26	12,482	118	9.1
South Atlantic . . . . .	22,298	456	8,122	43	12,422	83	15,562	84	22,298	247	7.1
East South Central . . . . .	9,093	247	4,819	42	6,066	40	7,936	48	9,093	118	10.2
West South Central . . . . .	12,287	304	3,772	24	2,055	16	10,396	102	12,287	161	11.0
Mountain . . . . .	6,442	114	1,717	13	1,836	12	2,462	12	6,442	77	18.2
Pacific . . . . .	17,833	298	6,174	52	4,750	37	6,522	15	17,833	194	7.6
Type of Home											
Mobile Home . . . . .	3,220	110	1,095	17	1,860	23	1,705	11	3,220	59	17.5
Single-Family											
Detached . . . . .	110,814	1,762	29,060	195	37,325	214	66,180	252	110,814	1,101	3.8
Single-Family											
Attached . . . . .	6,916	94	1,850	19	1,548	9	4,039	10	6,916	57	18.3
2 to 4 Units . . . . .	11,543	176	2,108	21	1,831	15	5,872	22	11,543	119	11.6
5 or More Units . . . . .	9,728	203	3,958	47	2,929	22	6,488	40	9,728	94	10.2
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	7,699	236	2,101	30	3,423	42	3,596	27	7,699	138	7.8
1,001 to 2,000 . . . . .	40,297	846	11,780	98	14,151	109	23,844	131	40,297	508	4.7
2,001 to 5,000 . . . . .	76,236	1,011	18,901	123	22,562	107	45,228	131	76,236	650	4.8
5,001 to 10,000 . . . . .	12,363	147	2,855	23	3,860	15	7,805	24	12,363	85	11.5
10,001 to 25,000 . . . . .	2,844	52	1,022	10	717	6	2,024	10	2,844	25	14.8
25,001 to 50,000 . . . . .	1,089	23	644	8	365	2	599	4	1,089	9	33.5
50,001 to 100,000 . . . . .	654	14	333	3	Q	1	518	Q	654	6	36.7
100,001 to 200,000 . . . . .	691	14	369	Q	Q	Q	484	2	691	6	39.4
Over 200,000 . . . . .	Q	4	Q	Q	Q	Q	Q	1	Q	Q	53.9
Year Constructed											
1939 or Before . . . . .	41,152	472	6,657	33	10,213	55	17,089	36	41,152	348	6.8
1940 to 1949 . . . . .	11,681	174	1,753	12	3,237	20	6,664	24	11,681	117	10.6
1950 to 1959 . . . . .	22,210	335	4,070	23	4,969	31	13,293	51	22,210	229	7.7
1960 to 1969 . . . . .	28,507	521	8,073	61	8,555	55	19,522	96	28,507	309	6.9
1970 to 1979 . . . . .	34,197	740	14,925	152	16,350	106	24,600	110	34,197	372	7.0
1980 to 1982 . . . . .	4,474	103	2,592	18	2,169	16	3,117	17	4,474	53	18.0

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 1982 Residential Energy Consumption Survey.

**Table R17A.82. Natural Gas Consumption and Number of Buildings by End Use in Residential Buildings, 1982**

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 . . . . .	41,111	4,743	38,332	3,144	36,622	1,148	28,293	427	3.6
Census Region									
Northeast . . . . .	7,353	962	5,610	646	6,367	211	5,966	104	10.3
Midwest . . . . .	12,323	1,784	12,155	1,319	11,096	345	8,064	119	5.0
South . . . . .	12,079	1,142	11,499	678	10,350	325	7,993	121	7.6
West . . . . .	9,356	854	9,068	501	8,808	268	6,269	83	6.9
Census Division									
New England . . . . .	1,277	159	747	103	1,052	40	891	15	14.5
Middle Atlantic . . . . .	6,076	803	4,863	543	5,316	171	5,075	88	12.5
East North Central . . . . .	8,251	1,267	8,154	931	7,322	246	5,761	90	6.1
West North Central . . . . .	4,071	518	4,001	389	3,775	99	2,302	28	9.0
South Atlantic . . . . .	4,040	420	3,624	278	3,234	103	2,288	37	18.0
East South Central . . . . .	2,114	200	2,090	138	1,486	47	1,104	15	14.0
West South Central . . . . .	5,925	522	5,785	261	5,630	174	4,602	69	7.0
Mountain . . . . .	2,495	266	2,456	192	2,295	61	1,285	12	12.6
Pacific . . . . .	6,861	588	6,612	309	6,514	207	4,984	71	8.4
Type of Home									
Mobile Home . . . . .	1,118	74	1,098	48	892	18	1,022	8	21.3
Single-Family									
Detached . . . . .	33,086	3,350	31,283	2,237	29,443	800	21,737	292	4.3
Single-Family									
Attached . . . . .	3,080	293	2,691	188	2,939	73	2,596	32	16.1
2 to 4 Units . . . . .	3,089	622	2,621	408	2,693	154	2,437	60	8.9
5 or More Units . . . . .	738	404	640	262	655	103	500	36	10.3
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	4,809	336	4,564	199	4,098	98	3,971	39	8.0
1,001 to 2,000 . . . . .	17,014	1,572	16,168	979	15,308	425	12,129	160	5.5
2,001 to 5,000 . . . . .	17,904	2,330	16,425	1,620	16,012	510	11,325	186	5.2
5,001 to 10,000 . . . . .	1,198	328	1,052	237	1,053	69	731	22	12.7
10,001 to 25,000 . . . . .	154	102	102	66	128	27	112	9	14.2
25,001 to 50,000 . . . . .	22	31	16	19	17	9	18	4	39.0
50,001 to 100,000 . . . . .	4	10	2	6	2	2	3	2	27.5
100,001 to 200,000 . . . . .	5	23	3	Q	3	6	3	3	38.2
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before . . . . .	12,434	1,608	10,830	1,122	10,668	344	9,683	137	6.2
1940 to 1949 . . . . .	4,116	421	3,937	278	3,612	104	2,856	37	10.0
1950 to 1959 . . . . .	8,581	888	8,194	567	7,830	227	6,214	85	7.7
1960 to 1969 . . . . .	8,305	960	8,023	614	7,606	251	5,138	92	8.2
1970 to 1979 . . . . .	6,945	792	6,758	517	6,215	199	4,071	71	8.7
1980 to 1982 . . . . .	730	75	590	46	690	23	331	5	26.0

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 1982 Residential Energy Consumption Survey.

**Table R17B.82. Natural Gas Consumption and Floorspace by End Use in Residential Buildings, 1982**

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	NF
All Buildings . . . . .	91,847	4,743	83,447	3,144	81,484	1,148	60,827	427	3.8
Census Region									
Northeast . . . . .	21,086	962	15,070	646	17,304	211	16,755	104	9.2
Midwest . . . . .	29,475	1,784	28,950	1,319	27,051	345	18,412	119	4.9
South . . . . .	23,440	1,142	22,120	678	20,277	325	14,463	121	9.5
West . . . . .	17,846	854	17,308	501	16,852	268	11,197	83	6.4
Census Division									
New England . . . . .	4,539	159	2,625	103	3,723	40	3,077	15	17.3
Middle Atlantic . . . . .	16,547	803	12,445	543	13,581	171	13,678	88	11.1
East North Central . . . . .	19,948	1,267	19,577	931	18,080	246	13,396	90	6.3
West North Central . . . . .	9,526	518	9,373	389	8,972	99	5,015	28	7.4
South Atlantic . . . . .	9,615	420	8,686	278	7,940	103	5,654	37	19.4
East South Central . . . . .	3,891	200	3,866	138	2,840	47	1,882	15	12.1
West South Central . . . . .	9,935	522	9,568	261	9,497	174	6,928	69	9.9
Mountain . . . . .	4,462	266	4,384	192	4,155	61	1,853	12	11.8
Pacific . . . . .	13,384	588	12,924	309	12,698	207	9,344	71	7.7
Type of Home									
Mobile Home . . . . .	1,004	74	996	48	845	18	885	8	23.0
Single-Family									
Detached . . . . .	69,092	3,350	64,805	2,237	61,890	800	43,238	292	4.9
Single-Family									
Attached . . . . .	5,722	293	4,913	188	5,340	73	4,882	32	16.9
2 to 4 Units . . . . .	9,417	622	7,796	408	8,082	154	7,332	60	9.3
5 or More Units . . . . .	6,612	404	4,937	262	5,327	103	4,490	36	9.6
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	3,788	336	3,602	199	3,249	98	3,079	39	7.9
1,001 to 2,000 . . . . .	25,618	1,572	24,270	979	23,066	425	18,121	160	5.7
2,001 to 5,000 . . . . .	50,700	2,330	46,358	1,620	45,460	510	32,032	186	5.3
5,001 to 10,000 . . . . .	7,770	328	6,773	237	6,794	69	4,684	22	12.3
10,001 to 25,000 . . . . .	2,084	102	1,388	66	1,701	27	1,444	9	13.4
25,001 to 50,000 . . . . .	733	31	510	19	549	9	597	4	38.9
50,001 to 100,000 . . . . .	265	10	135	6	135	2	184	2	24.0
100,001 to 200,000 . . . . .	550	23	288	Q	377	6	379	3	35.8
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before . . . . .	28,992	1,608	24,293	1,122	24,683	344	22,538	137	5.7
1940 to 1949 . . . . .	8,328	421	7,619	278	7,115	104	5,355	37	11.1
1950 to 1959 . . . . .	16,166	888	15,185	567	14,629	227	11,179	85	8.0
1960 to 1969 . . . . .	19,414	960	18,339	614	17,698	251	11,580	92	8.8
1970 to 1979 . . . . .	16,900	792	16,224	517	15,408	199	9,349	71	9.5
1980 to 1982 . . . . .	2,047	75	1,787	46	1,951	23	827	5	24.6

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 1982 Residential Energy Consumption Survey.

**Table R19.82. Total Expenditures (1987 and 1982 Dollars) for All End Uses by Energy Source in Residential Buildings, 1982 (Million Dollars)**

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil <sup>1</sup>		
	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
	0.7	0.7	0.8	0.8	1.1	1.1	1.7	1.7	
RSE Column Factors:	0.7	0.7	0.8	0.8	1.1	1.1	1.7	1.7	
All Buildings . . . . .	102,034	86,525	55,116	46,739	31,798	26,964	11,879	10,074	2.7
Census Region									
Northeast . . . . .	28,635	24,283	11,836	10,037	8,204	6,957	8,271	7,014	5.3
Midwest . . . . .	26,531	22,498	12,893	10,934	11,008	9,335	1,523	1,291	4.5
South . . . . .	33,093	28,063	22,233	18,854	7,700	6,530	1,784	1,513	6.1
West . . . . .	13,776	11,682	8,153	6,914	4,886	4,143	301	256	5.6
Census Division									
New England . . . . .	6,960	5,902	2,723	2,309	1,586	1,345	2,537	2,152	8.7
Middle Atlantic . . . . .	21,675	18,380	9,113	7,728	6,618	5,612	5,734	4,862	7.0
East North Central . . . . .	18,708	15,865	8,839	7,496	7,921	6,717	1,298	1,100	5.4
West North Central . . . . .	7,822	6,633	4,054	3,438	3,087	2,618	225	191	10.8
South Atlantic . . . . .	16,193	13,732	10,447	8,859	3,311	2,807	1,700	1,441	8.6
East South Central . . . . .	6,078	5,154	4,526	3,838	1,267	1,074	81	68	11.9
West South Central . . . . .	10,822	9,177	7,261	6,157	3,122	2,648	Q	Q	11.2
Mountain . . . . .	4,294	3,641	2,460	2,086	1,514	1,284	Q	Q	13.9
Pacific . . . . .	9,482	8,040	5,693	4,828	3,372	2,860	224	190	6.9
Type of Home									
Mobile Home . . . . .	3,798	3,221	2,460	2,086	426	361	366	310	16.8
Single-Family									
Detached . . . . .	71,454	60,593	40,247	34,129	21,467	18,204	7,190	6,097	3.8
Single-Family									
Attached . . . . .	5,191	4,402	2,447	2,075	2,270	1,925	401	340	17.0
2 to 4 Units . . . . .	11,142	9,448	4,725	4,007	4,590	3,893	1,758	1,491	11.3
5 or More Units . . . . .	10,450	8,862	5,237	4,441	3,045	2,583	2,165	1,836	10.3
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	9,024	7,653	5,408	4,586	2,130	1,806	689	585	8.3
1,001 to 2,000 . . . . .	33,132	28,096	19,199	16,281	10,088	8,555	2,428	2,059	5.7
2,001 to 5,000 . . . . .	46,564	39,486	23,946	20,306	15,808	13,405	5,810	4,927	4.7
5,001 to 10,000 . . . . .	7,371	6,250	3,691	3,130	2,393	2,030	1,258	1,067	11.0
10,001 to 25,000 . . . . .	2,543	2,156	1,316	1,116	709	601	518	439	14.7
25,001 to 50,000 . . . . .	1,081	916	547	464	221	187	313	265	23.5
50,001 to 100,000 . . . . .	770	653	387	329	84	71	299	253	29.3
100,001 to 200,000 . . . . .	912	773	431	365	199	169	282	239	32.4
Over 200,000 . . . . .	Q	Q	192	163	Q	Q	Q	Q	60.9
Year Constructed									
1939 or Before . . . . .	30,049	25,482	12,096	10,257	11,104	9,416	5,700	4,834	6.7
1940 to 1949 . . . . .	8,632	7,320	4,153	3,521	2,906	2,464	1,424	1,208	10.5
1950 to 1959 . . . . .	16,469	13,966	8,365	7,094	5,858	4,967	1,840	1,560	8.1
1960 to 1969 . . . . .	20,461	17,351	12,055	10,223	6,364	5,397	1,503	1,275	8.1
1970 to 1979 . . . . .	23,593	20,007	16,272	13,799	5,079	4,307	1,402	1,189	8.6
1980 to 1982 . . . . .	2,829	2,399	2,175	1,844	487	413	Q	Q	22.4

<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 1982 Residential Energy Consumption Survey.

**Table R20.82. Total Expenditures (1987 and 1982 Dollars) for Space Heating by Energy Source in Residential Buildings, 1982 (Million Dollars)**

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil <sup>1</sup>		
	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	39,408	33,418	6,124	5,193	20,922	17,742	10,375	8,798	
Census Region									
Northeast . . . . .	13,559	11,498	1,160	983	5,339	4,528	6,933	5,879	
Midwest . . . . .	12,125	10,282	1,708	1,448	8,147	6,909	1,489	1,262	
South . . . . .	9,352	7,930	2,240	1,900	4,570	3,875	1,668	1,415	
West . . . . .	4,373	3,709	1,017	862	2,865	2,430	285	242	
Census Division									
New England . . . . .	3,453	2,928	258	219	1008	855	2,154	1,826	
Middle Atlantic . . . . .	10,106	8,570	902	765	4,331	3,673	4,779	4,053	
East North Central . . . . .	8,793	7,457	1,256	1,065	5,833	4,947	1,264	1,072	
West North Central . . . . .	3,332	2,825	452	383	2,314	1,962	225	191	
South Atlantic . . . . .	5,178	4,391	961	815	2,180	1,848	1,584	1,343	
East South Central . . . . .	1,824	1,547	734	622	868	736	81	68	
West South Central . . . . .	2,350	1,992	546	463	1,522	1,291	Q	Q	
Mountain . . . . .	1,549	1,314	249	211	1,078	914	Q	Q	
Pacific . . . . .	2,824	2,395	768	651	1,788	1,516	207	176	
Type of Home									
Mobile Home . . . . .	1,301	1,103	346	294	276	234	361	306	
Single-Family									
Detached . . . . .	26,213	22,228	3,879	3,289	14,272	12,103	6,491	5,504	
Single-Family									
Attached . . . . .	2,305	1,954	403	342	1,464	1,241	373	316	
2 to 4 Units . . . . .	4,938	4,188	449	381	2,964	2,513	1,493	1,266	
5 or More Units . . . . .	4,651	3,944	1047	888	1,945	1,649	1,658	1,406	
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	2,947	2,499	592	502	1,249	1,059	659	559	
1,001 to 2,000 . . . . .	11,341	9,617	1,965	1,667	6,272	5,319	2,219	1,882	
2,001 to 5,000 . . . . .	19,140	16,231	2,488	2,110	10,867	9,215	5,131	4,351	
5,001 to 10,000 . . . . .	3,282	2,783	483	409	1,706	1,447	1,091	925	
10,001 to 25,000 . . . . .	1,087	922	232	196	452	383	403	342	
25,001 to 50,000 . . . . .	496	421	150	127	122	104	224	190	
50,001 to 100,000 . . . . .	329	279	Q	Q	42	36	223	189	
100,001 to 200,000 . . . . .	450	382	Q	Q	Q	Q	206	175	
Over 200,000 . . . . .	336	285	Q	Q	Q	Q	Q	Q	
Year Constructed									
1939 or Before . . . . .	14,174	12,019	720	610	7,587	6,434	5,131	4,351	
1940 to 1949 . . . . .	3,464	2,938	281	239	1,896	1,608	1,217	1,032	
1950 to 1959 . . . . .	6,022	5,107	499	423	3,722	3,156	1,568	1,329	
1960 to 1969 . . . . .	6,850	5,809	1,218	1,032	4,070	3,451	1,269	1,076	
1970 to 1979 . . . . .	8,139	6,901	3,059	2,594	3,342	2,834	1,181	1,001	
1980 to 1982 . . . . .	759	644	347	295	305	258	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 1982 Residential Energy Consumption Survey.

**Table R21.82. Total Expenditures (1987 and 1982 Dollars) for Air Conditioning and Appliances by Energy Source in Residential Buildings, 1982 (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	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	7,885	6,686	38,868	32,960	35,209	29,857	3,044	2,582	
Census Region									
Northeast . . . . .	812	689	9,989	8,471	8,839	7,496	1,026	870	
Midwest . . . . .	1,220	1,035	9,629	8,166	8,780	7,445	719	610	
South . . . . .	5,240	4,444	12,906	10,944	11,814	10,018	818	694	
West . . . . .	612	519	6,344	5,379	5,776	4,898	481	408	
Census Division									
New England . . . . .	114	96	2,304	1,954	2,093	1,774	162	137	
Middle Atlantic . . . . .	698	592	7,685	6,517	6,747	5,721	864	733	
East North Central . . . . .	649	550	6,708	5,688	6,072	5,149	548	465	
West North Central . . . . .	571	484	2,922	2,477	2,708	2,296	171	145	
South Atlantic . . . . .	1,935	1,641	6,170	5,232	5,685	4,821	302	256	
East South Central . . . . .	881	747	2,320	1,968	2,191	1,858	99	84	
West South Central . . . . .	2,424	2,056	4,415	3,744	3,937	3,339	417	354	
Mountain . . . . .	279	236	1,809	1,534	1,702	1,443	74	63	
Pacific . . . . .	333	283	4,534	3,845	4,074	3,455	407	346	
Type of Home									
Mobile Home . . . . .	265	225	1,531	1,298	1,345	1,140	46	39	
Single-Family Detached . . . . .	5,788	4,909	28,510	24,176	26,153	22,178	1,905	1,616	
Single-Family Attached . . . . .	257	218	1,844	1,564	1,586	1,345	255	216	
2 to 4 Units . . . . .	549	466	3,943	3,344	3,425	2,904	498	423	
5 or More Units . . . . .	1,025	869	3,040	2,578	2,701	2,290	339	288	
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	649	551	3,720	3,155	3,274	2,776	248	210	
1,001 to 2,000 . . . . .	3,013	2,555	13,288	11,268	11,984	10,163	1,058	898	
2,001 to 5,000 . . . . .	3,068	2,601	17,668	14,983	16,159	13,703	1,348	1,143	
5,001 to 10,000 . . . . .	576	488	2,501	2,121	2,308	1,957	183	155	
10,001 to 25,000 . . . . .	261	222	769	652	696	590	74	62	
25,001 to 50,000 . . . . .	109	92	294	249	252	214	42	36	
50,001 to 100,000 . . . . .	94	80	222	189	197	167	25	21	
100,001 to 200,000 . . . . .	79	67	231	196	198	168	33	28	
Over 200,000 . . . . .	36	30	Q	Q	Q	Q	Q	Q	
Year Constructed									
1939 or Before . . . . .	928	787	10,556	8,952	9,290	7,878	1,061	900	
1940 to 1949 . . . . .	578	490	3,221	2,731	2,886	2,448	293	248	
1950 to 1959 . . . . .	1,265	1,073	6,591	5,589	5,924	5,023	586	497	
1960 to 1969 . . . . .	2,256	1,913	8,185	6,941	7,424	6,296	626	531	
1970 to 1979 . . . . .	2,497	2,118	9,107	7,722	8,528	7,232	447	379	
1980 to 1982 . . . . .	361	306	1,208	1,024	1,156	980	31	27	

<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 1982 Residential Energy Consumption Survey.



**Table R22.82. Total Expenditures (1987 and 1982 Dollars) by End Use in Residential Buildings, 1982  
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings	102,034	86,525	39,408	33,418	15,714	13,326	8,043	6,821	38,868	32,960	1.6
Census Region											
Northeast	28,635	24,283	13,559	11,498	4,253	3,607	834	707	9,989	8,471	3.2
Midwest	26,531	22,498	12,125	10,282	3,547	3,008	1,230	1,043	9,629	8,166	2.5
South	33,093	28,063	9,352	7,930	5,478	4,645	5,357	4,543	12,906	10,944	3.4
West	13,776	11,682	4,373	3,709	2,437	2,066	622	528	6,344	5,379	1.9
Census Division											
New England	6,960	5,902	3,453	2,928	1,078	914	126	107	2,304	1,954	6.0
Middle Atlantic	21,675	18,380	10,106	8,570	3,176	2,693	708	601	7,685	6,517	4.7
East North Central	18,708	15,865	8,793	7,457	2,557	2,168	650	552	6,708	5,688	3.4
West North Central	7,822	6,633	3,332	2,825	990	840	579	491	2,922	2,477	6.5
South Atlantic	16,193	13,732	5,178	4,391	2,898	2,457	1,947	1,651	6,170	5,232	4.7
East South Central	6,078	5,154	1,824	1,547	1,053	893	881	747	2,320	1,968	5.3
West South Central	10,822	9,177	2,350	1,992	1,527	1,295	2,530	2,145	4,415	3,744	8.7
Mountain	4,294	3,641	1,549	1,314	655	555	281	238	1,809	1,534	9.0
Pacific	9,482	8,040	2,824	2,395	1,782	1,511	341	289	4,534	3,845	4.6
Type of Home											
Mobile Home	3,798	3,221	1,301	1,103	701	594	265	225	1,531	1,298	12.0
Single-Family											
Detached	71,454	60,593	26,213	22,228	10,809	9,166	5,922	5,022	28,510	24,176	2.7
Single-Family											
Attached	5,191	4,402	2,305	1,954	784	665	258	219	1,844	1,564	12.5
2 to 4 Units	11,142	9,448	4,938	4,188	1,710	1,450	551	467	3,943	3,344	8.3
5 or More Units	10,450	8,862	4,651	3,944	1,710	1,451	1,048	889	3,040	2,578	7.6
Building Floorspace (square feet)											
Fewer than 1,001	9,024	7,653	2,947	2,499	1,705	1,446	652	553	3,720	3,155	5.6
1,001 to 2,000	33,132	28,096	11,341	9,617	5,443	4,615	3,060	2,595	13,288	11,268	3.9
2,001 to 5,000	46,564	39,486	19,140	16,231	6,602	5,599	3,154	2,674	17,688	14,983	3.3
5,001 to 10,000	7,371	6,250	3,282	2,783	1,012	858	576	488	2,501	2,121	8.6
10,001 to 25,000	2,543	2,156	1,087	922	423	359	264	224	769	652	9.9
25,001 to 50,000	1,081	916	496	421	180	153	110	93	294	249	18.3
50,001 to 100,000	770	653	329	279	124	105	94	80	222	189	24.4
100,001 to 200,000	912	773	450	382	140	119	90	77	231	196	27.7
Over 200,000	Q	Q	336	285	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before	30,049	25,482	14,174	12,019	4,366	3,703	953	808	10,556	8,952	5.7
1940 to 1949	8,632	7,320	3,464	2,938	1,358	1,151	589	499	3,221	2,731	8.2
1950 to 1959	16,469	13,966	6,022	5,107	2,532	2,147	1,324	1,123	6,591	5,589	6.0
1960 to 1969	20,461	17,351	6,850	5,809	3,142	2,665	2,284	1,937	8,185	6,941	5.9
1970 to 1979	23,593	20,007	8,139	6,901	3,815	3,235	2,532	2,148	9,107	7,722	5.6
1980 to 1982	2,829	2,399	759	644	501	425	361	306	1,208	1,024	15.6

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 1982 Residential Energy Consumption Survey.

**Table R23.82. Electricity Expenditures (1987 and 1982 Dollars) by End Use in Residential Buildings, 1982  
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	55,116	46,739	6,124	5,193	5,898	5,002	7,885	6,686	35,209	29,857	2.0
Census Region											
Northeast . . . . .	11,836	10,037	1,160	983	1,025	870	812	689	8,839	7,496	4.5
Midwest . . . . .	12,893	10,934	1,708	1,448	1,186	1,006	1,220	1,035	8,780	7,445	4.3
South . . . . .	22,233	18,854	2,240	1,900	2,939	2,492	5,240	4,444	11,814	10,018	3.4
West . . . . .	8,153	6,914	1,017	862	748	634	612	519	5,776	4,898	3.8
Census Division											
New England . . . . .	2,723	2,309	258	219	259	220	114	96	2,093	1,774	6.2
Middle Atlantic . . . . .	9,113	7,728	902	765	766	650	698	592	6,747	5,721	6.2
East North Central . . . . .	8,839	7,496	1,256	1,065	862	731	649	550	6,072	5,149	5.7
West North Central . . . . .	4,054	3,438	452	383	323	274	571	484	2,708	2,296	6.0
South Atlantic . . . . .	10,447	8,859	961	815	1,865	1,582	1,935	1,641	5,685	4,821	5.1
East South Central . . . . .	4,526	3,838	734	622	720	610	881	747	2,191	1,858	7.7
West South Central . . . . .	7,261	6,157	546	463	354	300	2,424	2,056	3,937	3,339	9.5
Mountain . . . . .	2,460	2,086	249	211	230	195	279	236	1,702	1,443	16.4
Pacific . . . . .	5,693	4,828	768	651	518	439	333	283	4,074	3,455	4.6
Type of Home											
Mobile Home . . . . .	2,460	2,086	346	294	504	428	265	225	1,345	1,140	14.2
Single-Family											
Detached . . . . .	40,247	34,129	3,879	3,289	4,426	3,754	5,788	4,909	26,153	22,178	3.1
Single-Family											
Attached . . . . .	2,447	2,075	403	342	201	170	257	218	1,586	1,345	15.1
2 to 4 Units . . . . .	4,725	4,007	449	381	302	256	549	466	3,425	2,904	9.3
5 or More Units . . . . .	5,237	4,441	1,047	888	464	394	1,025	869	2,701	2,290	8.0
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	5,408	4,586	592	502	893	758	649	551	3,274	2,776	6.3
1,001 to 2,000 . . . . .	19,199	16,281	1,965	1,667	2,236	1,896	3,013	2,555	11,984	10,163	4.1
2,001 to 5,000 . . . . .	23,946	20,306	2,488	2,110	2,231	1,892	3,068	2,601	16,159	13,703	4.1
5,001 to 10,000 . . . . .	3,691	3,130	483	409	325	275	576	488	2,308	1,957	8.3
10,001 to 25,000 . . . . .	1,316	1,116	232	196	127	108	261	222	696	590	13.1
25,001 to 50,000 . . . . .	547	464	150	127	36	30	109	92	252	214	27.3
50,001 to 100,000 . . . . .	387	329	Q	Q	Q	Q	94	80	197	167	30.5
100,001 to 200,000 . . . . .	431	365	Q	Q	Q	Q	79	67	198	168	34.2
Over 200,000 . . . . .	192	163	Q	Q	Q	Q	36	30	Q	Q	48.8
Year Constructed											
1939 or Before . . . . .	12,096	10,257	720	610	1,158	982	928	787	9,290	7,878	5.6
1940 to 1949 . . . . .	4,153	3,521	281	239	407	345	578	490	2,886	2,448	8.5
1950 to 1959 . . . . .	8,365	7,094	499	423	678	575	1,265	1,073	5,924	5,023	6.1
1960 to 1969 . . . . .	12,055	10,223	1,218	1,032	1,157	981	2,256	1,913	7,424	6,296	6.0
1970 to 1979 . . . . .	16,272	13,799	3,059	2,594	2,188	1,855	2,497	2,118	8,528	7,232	6.0
1980 to 1982 . . . . .	2,175	1,844	347	295	310	263	361	306	1,156	980	16.8

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 1982 Residential Energy Consumption Survey.

**Table R24.82. Natural Gas Expenditures (1987 and 1982 Dollars) by End Use in Residential Buildings, 1982  
(Million Dollars)**

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	
All Buildings . . . . .	31,798	26,964	20,922	17,742	7,673	6,507	3,044	2,582	3.3
Census Region									
Northeast . . . . .	8,204	6,957	5,339	4,528	1,816	1,540	1,026	870	7.9
Midwest . . . . .	11,008	9,335	8,147	6,909	2,133	1,808	719	610	4.4
South . . . . .	7,700	6,530	4,570	3,875	2,195	1,861	818	694	8.0
West . . . . .	4,886	4,143	2,865	2,430	1,529	1,297	481	408	5.6
Census Division									
New England . . . . .	1,586	1,345	1,008	855	404	342	162	137	16.6
Middle Atlantic . . . . .	6,618	5,612	4,331	3,673	1,413	1,198	864	733	9.1
East North Central . . . . .	7,921	6,717	5,833	4,947	1,538	1,304	548	465	5.3
West North Central . . . . .	3,087	2,618	2,314	1,962	595	504	171	145	8.6
South Atlantic . . . . .	3,311	2,807	2,180	1,848	817	693	302	256	14.2
East South Central . . . . .	1,267	1,074	868	736	300	255	99	84	13.5
West South Central . . . . .	3,122	2,648	1,522	1,291	1,077	914	417	354	9.8
Mountain . . . . .	1,514	1,284	1,078	914	360	305	74	63	10.4
Pacific . . . . .	3,372	2,860	1,788	1,516	1,169	992	407	346	7.2
Type of Home									
Mobile Home . . . . .	426	361	276	234	103	87	46	39	19.8
Single-Family Detached . . . . .	21,467	18,204	14,272	12,103	5,155	4,372	1,905	1,616	4.5
Single-Family Attached . . . . .	2,270	1,925	1,464	1,241	550	466	255	216	12.1
2 to 4 Units . . . . .	4,590	3,893	2,964	2,513	1,127	955	498	423	8.2
5 or More Units . . . . .	3,045	2,583	1,945	1,649	739	626	339	288	10.2
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	2,130	1,806	1,249	1,059	631	535	248	210	8.4
1,001 to 2,000 . . . . .	10,088	8,555	6,272	5,319	2,711	2,299	1,058	898	5.6
2,001 to 5,000 . . . . .	15,808	13,405	10,867	9,215	3,506	2,973	1,348	1,143	5.0
5,001 to 10,000 . . . . .	2,393	2,030	1,706	1,447	505	428	183	155	12.4
10,001 to 25,000 . . . . .	709	601	452	383	181	154	74	62	18.4
25,001 to 50,000 . . . . .	221	187	122	104	55	47	42	36	30.7
50,001 to 100,000 . . . . .	84	71	42	36	16	13	25	21	26.0
100,001 to 200,000 . . . . .	199	169	Q	Q	47	39	33	28	40.1
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before . . . . .	11,104	9,416	7,587	6,434	2,430	2,061	1,061	900	5.5
1940 to 1949 . . . . .	2,906	2,464	1,896	1,608	706	599	293	248	10.0
1950 to 1959 . . . . .	5,858	4,967	3,722	3,156	1,491	1,264	586	497	7.8
1960 to 1969 . . . . .	6,364	5,397	4,070	3,451	1,641	1,391	626	531	8.8
1970 to 1979 . . . . .	5,079	4,307	3,342	2,834	1,255	1,064	447	379	10.2
1980 to 1982 . . . . .	487	413	305	258	151	128	31	27	24.7

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 1982 Residential Energy Consumption Survey.

**Table R1.84. Residential Building and Housing Unit Characteristics, 1984**

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	1.4	0.7	1.2	0.7	0.9	
<b>All Buildings</b> .....	144,357	67,576	2,136	86,328	1,672	621	1.4
<b>Census Region</b>							
Northeast .....	35,016	13,004	2,693	18,298	1,914	707	2.3
Midwest .....	39,143	17,059	2,295	21,617	1,811	698	2.6
South .....	44,520	25,054	1,777	29,324	1,518	552	2.8
West .....	25,678	12,459	2,061	17,089	1,503	553	3.2
<b>Census Division</b>							
New England .....	9,001	3,129	2,877	4,269	2,108	755	5.0
Middle Atlantic .....	26,015	9,875	2,634	14,029	1,854	691	3.0
East North Central .....	27,111	11,731	2,311	15,203	1,783	695	3.2
West North Central .....	12,032	5,327	2,259	6,414	1,876	705	6.0
South Atlantic .....	23,327	12,808	1,821	14,777	1,579	582	4.3
East South Central .....	9,020	4,920	1,833	5,784	1,560	572	6.3
West South Central .....	12,172	7,327	1,661	8,764	1,389	492	5.3
Mountain .....	6,983	3,669	1,903	4,512	1,548	561	5.9
Pacific .....	18,695	8,790	2,127	12,577	1,486	550	3.7
<b>Type of Home</b>							
Mobile Home .....	4,296	5,135	837	5,135	837	348	5.8
Single-Family							
Detached .....	109,685	53,523	2,049	53,523	2,049	697	1.6
Single-Family							
Attached .....	7,673	4,060	1,890	4,060	1,890	714	8.5
2 to 4 Units .....	11,608	3,689	3,146	10,015	1,159	468	5.0
5 or More Units .....	11,094	1,168	9,499	13,594	816	406	5.3
<b>Building / Housing Unit Floorspace (square feet)</b>							
Fewer than 1,001 .....	8,408	10,931	769	26,720	714	328	2.6
1,001 to 2,000 .....	39,886	26,819	1,487	32,275	1,452	527	1.7
2,001 to 5,000 .....	78,435	27,769	2,824	26,555	2,778	892	1.6
5,001 to 10,000 .....	11,184	1,742	6,420	764	5,899	1,663	6.2
10,001 to 25,000 .....	3,515	260	13,504	Q	Q	Q	8.0
25,001 to 50,000 .....	1,112	33	33,639	NC	NC	NC	14.5
50,001 to 100,000 .....	1,169	17	67,192	NC	NC	NC	13.1
100,001 to 200,000 .....	475	3	142,300	NC	NC	NC	16.3
Over 200,000 .....	Q	Q	Q	NC	NC	NC	13.2
<b>Year Constructed</b>							
1939 or Before .....	44,364	19,714	2,250	25,186	1,761	675	3.2
1940 to 1949 .....	11,181	5,848	1,912	7,005	1,596	632	5.0
1950 to 1959 .....	21,415	11,111	1,927	12,627	1,696	632	4.3
1960 to 1969 .....	25,682	12,263	2,094	15,695	1,636	575	4.0
1970 to 1979 .....	33,959	15,021	2,261	20,791	1,633	587	3.9
1980 to 1984 .....	7,755	3,618	2,143	5,025	1,543	604	7.9

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 1990 Residential Energy Consumption Survey.

**Table R2.84. Energy Sources Used for All End Uses in Residential Buildings, Number of Buildings and Total Floorspace, 1984**

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.)	
	0.5	0.5	0.5	0.5	0.7	0.7	1.4	1.4	1.9	2.0	2.0	2.1	
RSE Column Factors:	0.5	0.5	0.5	0.5	0.7	0.7	1.4	1.4	1.9	2.0	2.0	2.1	
All Buildings	67,576	144,357	67,516	144,274	41,355	93,163	8,837	23,316	6,040	11,259	7,674	11,992	3.5
Census Region													
Northeast	13,004	35,016	13,004	35,016	7,492	21,062	5,554	16,314	1,666	3,662	1,210	2,715	6.0
Midwest	17,059	39,143	17,059	39,143	12,633	30,020	1,260	2,839	1,203	2,446	1,934	3,445	6.5
South	25,054	44,520	25,047	44,498	12,334	23,203	1,520	3,059	2,930	4,711	3,658	4,624	7.7
West	12,459	25,678	12,406	25,617	8,896	18,879	503	1,105	240	439	872	1,208	8.9
Census Division													
New England	3,129	9,001	3,129	9,001	1,336	4,154	1,784	5,361	275	560	436	964	13.7
Middle Atlantic	9,875	26,015	9,875	26,015	6,156	16,907	3,770	10,953	1,391	3,102	774	1,751	8.9
East North Central	11,731	27,111	11,731	27,111	8,620	20,623	971	2,212	933	1,800	1,123	1,911	8.9
West North Central	5,327	2,032	5,327	12,032	4,013	9,398	288	628	270	646	811	1,533	14.5
South Atlantic	12,808	23,327	12,801	23,305	4,663	10,158	1,471	2,976	2,258	3,449	2,309	2,938	11.5
East South Central	4,920	9,020	4,920	9,020	2,011	3,807	Q	Q	474	807	536	640	14.6
West South Central	7,327	12,172	7,327	12,172	5,661	9,238	*	*	198	456	813	1,045	15.6
Mountain	3,669	6,983	3,648	6,967	2,692	5,332	Q	Q	120	224	272	325	16.4
Pacific	8,790	18,695	8,758	18,650	6,204	13,547	356	769	120	215	601	883	10.5
Type of Home													
Mobile Home	5,135	4,296	5,135	4,296	1,515	1,378	278	203	921	711	1,945	1,443	15.8
Single-Family													
Detached	53,523	109,685	53,463	109,603	32,840	68,321	7,177	17,896	4,806	9,708	5,593	10,169	4.4
Single-Family													
Attached	4,060	7,673	4,060	7,673	3,039	5,802	652	1,346	167	352	78	155	21.8
2 to 4 Units	3,689	11,608	3,689	11,608	3,134	9,948	584	2,035	125	352	45	150	13.3
5 or More Units	1,168	11,094	1,168	11,094	826	7,715	146	1,836	20	136	Q	Q	13.5
Building Floorspace (square feet)													
Fewer than 1,001	10,931	8,408	10,904	8,399	5,366	4,305	648	504	1,496	1,133	2,882	2,022	10.4
1,001 to 2,000	26,819	39,886	26,809	39,873	16,007	24,095	2,641	4,079	2,261	3,310	3,002	4,293	6.9
2,001 to 5,000	27,769	78,435	27,747	78,376	18,550	52,521	5,149	15,032	2,208	6,330	1,638	664	5.3
5,001 to 10,000	1,742	11,184	1,742	11,184	1,217	7,847	345	2,211	Q	Q	153	12	15.7
10,001 to 25,000	260	3,515	260	3,515	183	2,496	43	575	Q	Q	*	*	26.8
25,001 to 50,000	33	1,112	33	1,112	17	593	4	148	*	*	*	*	38.0
50,001 to 100,000	17	1,169	17	1,169	12	830	5	368	*	*	*	*	39.9
100,001 to 200,000	3	475	3	475	2	304	2	260	*	*	*	*	40.3
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before	19,714	44,364	19,698	44,327	13,919	32,467	4,010	11,084	1,656	3,529	2,349	4,423	7.8
1940 to 1949	5,848	11,181	5,830	11,157	3,997	7,864	901	2,088	494	923	415	680	13.3
1950 to 1959	11,111	21,415	11,111	21,415	7,757	15,097	1,739	4,404	948	1,729	932	1,487	10.1
1960 to 1969	12,263	25,682	12,263	25,682	7,793	17,296	968	2,838	1,082	1,840	1,563	2,356	10.3
1970 to 1979	15,021	33,959	15,011	33,945	6,497	17,037	1,012	2,402	1,600	2,834	1,990	2,361	10.0
1980 to 1984	3,618	7,755	3,602	7,748	1,392	3,403	208	499	260	404	425	686	20.7

\* = 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 1984 Residential Energy Consumption Survey.

**Table R3.84. Energy Sources Used for Main Space Heating in Residential Buildings, Number of Buildings and Total Floorspace, 1984**

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	1.2	1.2	0.6	0.6	1.0	1.0	2.3	2.2	1.7	1.8	
RSE Column Factors:	0.4	0.4	1.2	1.2	0.6	0.6	1.0	1.0	2.3	2.2	1.7	1.8	
All Buildings	67,156	143,814	10,012	21,082	37,023	81,495	7,749	20,381	1,332	1,689	3,863	5,216	5.8
Census Region													
Northeast	13,004	35,016	857	2,139	5,297	13,936	4,976	14,696	372	387	138	217	11.3
Midwest	17,059	39,143	1,065	2,501	12,246	29,133	1,045	2,287	Q	Q	1,252	2,236	10.7
South	24,971	44,453	6,123	11,913	11,336	21,283	1,302	2,462	916	1,198	2,055	2,323	11.5
West	12,122	25,201	1,968	4,529	8,145	17,143	425	936	Q	Q	418	440	13.7
Census Division													
New England	3,129	9,001	145	503	778	2,429	1,554	4,665	120	156	106	162	17.6
Middle Atlantic	9,875	26,015	712	1,637	4,519	11,507	3,422	10,030	252	231	32	Q	15.1
East North Central	11,731	27,111	885	2,013	8,335	20,016	791	1,792	Q	Q	712	1,256	14.4
West North Central	5,327	12,032	179	488	3,911	9,117	254	495	*	*	540	979	18.6
South Atlantic	12,725	23,261	3,708	6,698	3,909	8,677	1,253	2,379	779	995	1,129	1,235	17.2
East South Central	4,920	9,020	1,411	3,020	1,961	3,698	Q	Q	137	203	368	408	17.4
West South Central	7,327	12,172	1,004	2,195	5,467	8,907	*	*	*	*	558	680	18.9
Mountain	3,669	6,983	533	998	2,504	4,947	Q	Q	Q	Q	182	118	23.1
Pacific	8,453	18,218	1,435	3,530	5,641	12,195	299	648	Q	Q	235	322	14.9
Type of Home													
Mobile Home	5,117	4,288	1,361	1,186	1,445	1,312	254	184	417	293	1,200	875	19.1
Single-Family Detached	53,172	109,276	7,226	14,153	29,804	61,355	6,153	15,370	803	1,111	2,591	4,177	7.3
Single-Family Attached	4,047	7,664	722	1,211	2,505	4,756	652	1,346	Q	Q	58	127	29.8
2 to 4 Units	3,658	11,539	364	985	2,592	8,191	555	1,894	62	161	Q	Q	15.4
5 or More Units	1,162	11,047	339	3,546	678	5,881	134	1,586	Q	Q	Q	Q	15.4
Building Floorspace (square feet)													
Fewer than 1,001	10,735	8,266	1,744	1,338	4,874	3,896	618	478	682	499	1,689	1,173	13.4
1,001 to 2,000	26,659	39,681	4,433	6,556	14,628	21,919	2,367	3,674	500	719	1,621	2,299	10.0
2,001 to 5,000	27,709	78,283	3,498	9,535	16,306	45,905	4,392	12,902	148	454	511	1,410	8.8
5,001 to 10,000	1,741	11,178	246	1,612	1,045	6,687	321	2,050	Q	Q	Q	Q	21.0
10,001 to 25,000	257	3,478	67	938	149	1,988	42	552	*	*	*	*	32.6
25,001 to 50,000	33	1,112	Q	Q	14	484	3	110	*	*	*	*	44.9
50,001 to 100,000	17	1,169	7	461	7	448	4	260	*	*	*	*	50.5
100,001 to 200,000	3	475	Q	Q	Q	Q	2	250	*	*	*	*	44.4
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before	19,643	44,289	704	1,406	11,607	25,846	3,521	9,795	346	595	1,121	1,807	11.1
1940 to 1949	5,824	11,137	595	1,105	3,625	7,008	828	1,919	96	118	175	195	20.5
1950 to 1959	11,020	21,334	871	1,426	7,222	13,800	1,552	3,745	193	245	409	513	15.6
1960 to 1969	12,188	25,601	1,777	3,588	7,151	15,683	799	2,474	356	361	755	1,168	14.5
1970 to 1979	14,881	33,724	4,684	10,749	6,083	15,928	858	1,981	307	348	1,179	1,243	13.0
1980 to 1984	3,599	7,729	1,381	2,807	1,334	3,229	191	466	Q	Q	Q	Q	27.5

\* = 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 1984 Residential Energy Consumption Survey.

**Table R4.84. Energy Sources Used for Air Conditioning and Appliances in Residential Buildings, Number of Buildings and Total Floorspace, 1984**

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.)	
	0.9	0.9	0.5	0.5	0.9	0.9	2.3	2.4	
RSE Column Factors:	0.9	0.9	0.5	0.5	0.9	0.9	2.3	2.4	
All Buildings	37,403	82,356	67,516	144,274	29,256	64,663	5,809	8,797	3.5
Census Region									
Northeast	6,299	17,684	13,004	35,016	6,241	17,489	1,137	2,513	7.2
Midwest	9,298	22,602	17,059	39,143	8,507	19,562	1,302	2,212	6.5
South	17,650	33,164	25,047	44,498	8,619	15,938	2,654	3,225	6.0
West	4,156	8,905	12,406	25,617	5,888	11,674	717	847	7.9
Census Division									
New England	1,287	3,986	3,129	9,001	1,008	3,162	409	869	12.8
Middle Atlantic	5,012	13,698	9,875	26,015	5,233	14,328	728	1,644	10.4
East North Central	5,439	13,571	11,731	27,111	6,188	14,274	805	1,280	9.8
West North Central	3,859	9,031	5,327	12,032	2,319	5,288	497	932	10.2
South Atlantic	8,199	15,794	12,801	23,305	3,015	6,865	1,687	2,057	10.1
East South Central	3,773	7,461	4,920	9,020	1,112	2,012	233	250	12.1
West South Central	5,678	9,910	7,327	12,172	4,493	7,061	734	918	12.5
Mountain	1,473	2,467	3,648	6,967	1,272	2,166	182	150	17.0
Pacific	2,683	6,438	8,758	18,650	4,617	9,508	535	697	9.5
Type of Home									
Mobile Home	2,942	2,515	5,135	4,296	1,381	1,286	1,819	1,330	14.4
Single-Family									
Detached	29,839	62,592	53,463	109,603	22,442	45,834	3,928	7,277	4.5
Single-Family									
Attached	2,293	4,582	4,060	7,673	2,419	4,578	Q	Q	23.5
2 to 4 Units	1,600	5,446	3,689	11,608	2,492	7,857	Q	Q	10.8
5 or More Units	728	7,221	1,168	11,094	521	5,108	Q	Q	10.9
Building Floorspace (square feet)									
Fewer than 1,001	5,257	4,153	10,904	8,399	4,334	3,457	2,470	1,691	9.2
1,001 to 2,000	15,191	22,705	26,809	39,873	11,384	17,050	1,998	2,812	6.0
2,001 to 5,000	15,595	43,776	27,747	78,376	12,557	35,601	1,228	3,510	5.4
5,001 to 10,000	1,153	7,461	1,742	11,184	835	5,355	113	784	15.0
10,001 to 25,000	170	2,340	260	3,515	122	1,702	*	*	23.3
25,001 to 50,000	21	719	33	1,112	11	343	*	*	44.6
50,001 to 100,000	12	827	17	1,169	10	679	*	*	40.2
100,001 to 200,000	2	236	3	475	2	304	*	*	41.5
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before	8,059	18,382	19,698	44,327	11,326	26,192	1,615	2,961	8.5
1940 to 1949	3,077	6,285	5,830	11,157	2,786	5,446	203	401	12.9
1950 to 1959	6,255	12,360	11,111	21,415	4,967	9,570	677	1,093	9.1
1960 to 1969	7,851	16,688	12,263	25,682	5,511	12,190	1,308	1,929	8.9
1970 to 1979	10,079	24,067	15,011	33,945	4,018	9,924	1,625	1,804	9.1
1980 to 1984	2,082	4,574	3,602	7,748	647	1,341	381	609	19.5

\* = 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 1984 Residential Energy Consumption Survey.

**Table R5.84. End Uses for All Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1984**

Building Characteristics			End Uses										RSE Row Fac- tors
			Main Space Heating		Secondary Space Heating		Water Heating		Air Conditioning		Appliances		
	All Buildings		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	0.9	0.8	0.9	1.4	1.5	0.8	0.9	1.4	1.4	0.8	0.9	
All Buildings	67,576	144,357	67,156	143,814	32,185	72,794	66,349	142,947	37,722	83,267	67,576	144,357	1.7
Census Region													
Northeast	13,004	35,016	13,004	35,016	6,021	17,548	12,937	34,929	6,299	17,684	13,004	35,016	3.0
Midwest	17,059	39,143	17,059	39,143	6,736	16,188	16,897	38,886	9,304	22,625	17,059	39,143	3.6
South	25,054	44,520	24,971	44,453	12,726	24,245	24,142	43,544	17,926	33,790	25,054	44,520	3.3
West	12,459	25,678	12,122	25,201	6,703	14,814	12,373	25,587	4,194	9,168	12,459	25,678	3.7
Census Division													
New England	3,129	9,001	3,129	9,001	1,525	4,663	3,102	8,976	1,287	3,986	3,129	9,001	8.7
Middle Atlantic	9,875	26,015	9,875	26,015	4,496	12,885	9,835	25,953	5,012	13,698	9,875	26,015	5.0
East North Central	11,731	27,111	11,731	27,111	4,415	10,577	11,607	26,898	5,445	13,593	11,731	27,111	5.3
West North Central	5,327	12,032	5,327	12,032	2,321	5,611	5,290	11,989	3,859	9,031	5,327	12,032	8.9
South Atlantic	12,808	23,327	12,725	23,261	6,318	12,248	12,373	22,838	8,266	16,016	12,808	23,327	5.8
East South Central	4,920	9,020	4,920	9,020	2,764	5,513	4,779	8,879	3,773	7,461	4,920	9,020	9.3
West South Central	7,327	12,172	7,327	12,172	3,644	6,483	6,991	11,827	5,886	10,313	7,327	12,172	9.7
Mountain	3,669	6,983	3,669	6,983	1,592	3,486	3,635	6,964	1,510	2,731	3,669	6,983	9.9
Pacific	8,790	18,695	8,453	18,218	5,111	11,328	8,737	18,624	2,683	6,438	8,790	18,695	4.9
Type of Home													
Mobile Home	5,135	4,296	5,117	4,288	1,638	1,484	5,046	4,245	2,942	2,515	5,135	4,296	10.9
Single-Family													
Detached	53,523	109,685	53,172	109,276	28,433	64,021	52,460	108,516	30,124	63,255	53,523	109,685	2.5
Single-Family													
Attached	4,060	7,673	4,047	7,664	1,143	2,476	4,042	7,642	2,293	4,582	4,060	7,673	16.3
2 to 4 Units	3,689	11,608	3,658	11,539	773	2,806	3,639	11,488	1,612	5,483	3,689	11,608	8.0
5 or More Units	1,168	11,094	1,162	11,047	199	2,007	1,162	11,056	751	7,432	1,168	11,094	7.9
Building Floorspace (square feet)													
Fewer than 1,001	10,931	8,408	10,735	8,266	3,697	2,961	10,276	7,948	5,257	4,153	10,931	8,408	7.3
1,001 to 2,000	26,819	39,886	26,659	39,681	11,651	17,728	26,332	39,215	15,299	22,864	26,819	39,886	3.6
2,001 to 5,000	27,769	78,435	27,709	78,283	15,888	45,383	27,685	78,174	15,788	44,334	27,769	78,435	3.1
5,001 to 10,000	1,742	11,184	1,741	11,178	859	5,139	1,742	11,184	1,163	7,524	1,742	11,184	10.0
10,001 to 25,000	260	3,515	257	3,478	77	999	260	3,515	180	2,472	260	3,515	15.9
25,001 to 50,000	33	1,112	33	1,112	8	269	33	1,112	21	719	33	1,112	32.7
50,001 to 100,000	17	1,169	17	1,169	4	288	17	1,169	12	827	17	1,169	28.5
100,001 to 200,000	3	475	3	475	Q	Q	3	458	2	236	3	475	30.7
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before	19,714	44,364	19,643	44,289	8,494	20,313	19,186	43,730	8,076	18,405	19,714	44,364	5.3
1940 to 1949	5,848	11,181	5,824	11,137	2,558	5,294	5,723	11,029	3,155	6,425	5,848	11,181	8.2
1950 to 1959	11,111	21,415	11,020	21,334	5,124	10,574	10,820	21,123	6,255	12,360	11,111	21,415	6.4
1960 to 1969	12,263	25,682	12,188	25,601	6,103	13,672	12,125	25,556	7,994	17,132	12,263	25,682	6.0
1970 to 1979	15,021	33,959	14,881	33,724	8,025	18,593	14,902	33,768	10,162	24,370	15,021	33,959	6.2
1980 to 1984	3,618	7,755	3,599	7,729	1,881	4,348	3,593	7,741	2,082	4,574	3,618	7,755	11.8

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 1984 Residential Energy Consumption Survey.



**Table R6.84. End Uses for Electricity Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1984**

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:	1.7	1.7	1.3	1.4	1.1	1.1	0.8	0.8	0.5	0.5	
All Buildings	10,012	21,082	10,697	22,708	24,121	46,959	37,403	82,356	67,516	144,274	3.7
Census Region											
Northeast	857	2,139	1,577	4,687	3,329	7,730	6,299	17,684	13,004	35,016	8.4
Midwest	1,065	2,501	2,032	4,790	4,585	9,496	9,298	22,602	17,059	39,143	9.7
South	6,123	11,913	4,524	8,225	12,889	22,449	17,650	33,164	25,047	44,498	5.7
West	1,968	4,529	2,564	5,007	3,318	7,284	4,156	8,905	12,406	25,617	8.0
Census Division											
New England	145	503	425	1,422	787	2,007	1,287	3,986	3,129	9,001	13.3
Middle Atlantic	712	1,637	1,152	3,265	2,541	5,723	5,012	13,698	9,875	26,015	12.1
East North Central	885	2,013	1,220	2,921	3,487	7,234	5,439	13,571	11,731	27,111	13.3
West North Central	179	488	812	1,869	1,098	2,261	3,859	9,031	5,327	12,032	13.1
South Atlantic	3,708	6,698	1,899	3,509	8,007	13,426	8,199	15,794	12,801	23,305	9.2
East South Central	1,411	3,020	1,234	2,363	3,451	6,256	3,773	7,461	4,920	9,020	12.3
West South Central	1,004	2,195	1,392	2,352	1,431	2,767	5,678	9,910	7,327	12,172	15.0
Mountain	533	998	468	952	877	1,637	1,473	2,467	3,648	6,967	22.5
Pacific	1,435	3,530	2,095	4,055	2,441	5,647	2,683	6,438	8,758	18,650	8.4
Type of Home											
Mobile Home	1,361	1,186	642	562	3,316	2,720	2,942	2,515	5,135	4,296	14.3
Single-Family											
Detached	7,226	14,153	9,228	19,469	18,877	37,515	29,839	62,592	53,463	109,603	4.7
Single-Family											
Attached	722	1,211	366	730	1,098	1,969	2,293	4,582	4,060	7,673	23.8
2 to 4 Units	364	985	378	1,322	512	1,375	1,600	5,446	3,689	11,608	11.9
5 or More Units	339	3,546	83	626	318	3,380	728	7,221	1,168	11,094	12.3
Building Floorspace (square feet)											
Fewer than 1,001	1,744	1,338	1,333	1,027	4,987	3,809	5,257	4,153	10,904	8,399	10.5
1,001 to 2,000	4,433	6,556	4,506	6,687	10,238	14,934	15,191	22,705	26,809	39,873	6.0
2,001 to 5,000	3,498	9,535	4,558	12,961	8,364	23,442	15,595	43,776	27,747	78,376	5.4
5,001 to 10,000	246	1,612	283	1,708	446	2,839	1,153	7,461	1,742	11,184	17.2
10,001 to 25,000	67	938	15	218	64	880	170	2,340	260	3,515	21.5
25,001 to 50,000	Q	Q	Q	Q	Q	Q	21	719	33	1,112	54.8
50,001 to 100,000	7	461	*	*	6	415	12	827	17	1,169	39.2
100,001 to 200,000	Q	Q	Q	Q	Q	Q	2	236	3	475	47.0
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before	704	1,406	3,408	7,430	4,876	9,967	8,059	18,382	19,698	44,327	8.8
1940 to 1949	595	1,105	996	2,121	2,061	3,685	3,077	6,285	5,830	11,157	13.0
1950 to 1959	871	1,426	2,098	4,274	3,111	5,370	6,255	12,360	11,111	21,415	9.9
1960 to 1969	1,777	3,588	2,081	4,459	4,286	7,726	7,851	16,688	12,263	25,682	8.8
1970 to 1979	4,684	10,749	1,783	3,631	7,824	16,425	10,079	24,067	15,011	33,945	8.2
1980 to 1984	1,381	2,807	333	793	1,963	3,785	2,082	4,574	3,602	7,748	16.0

\* = 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 1984 Residential Energy Consumption Survey.

**Table R7.84. End Uses for Natural Gas and Fuel Oil Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1984**

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	2.0	2.0	0.7	0.7	0.7	0.7	1.2	1.2	1.4	1.3	
All Buildings	37,023	81,495	2,218	4,653	35,126	79,403	29,256	64,663	7,749	20,381	2,926	9,388	5.1
Census Region													
Northeast	5,297	13,936	381	1,134	6,276	16,994	6,241	17,489	4,976	14,696	2,714	8,652	9.2
Midwest	12,246	29,133	315	925	11,048	26,985	8,507	19,562	1,045	2,287	Q	Q	8.3
South	11,336	21,283	1,070	1,687	9,674	18,521	8,619	15,938	1,302	2,462	162	491	14.9
West	8,145	17,143	453	908	8,128	16,903	5,888	11,674	425	936	Q	Q	10.7
Census Division													
New England	778	2,429	57	163	1,087	3,328	1,008	3,162	1,554	4,665	1,004	3,041	15.1
Middle Atlantic	4,519	11,507	324	970	5,189	13,667	5,233	14,328	3,422	10,030	1,710	5,611	11.7
East North Central	8,335	20,016	248	762	7,352	18,232	6,188	14,274	791	1,792	Q	Q	9.6
West North Central	3,911	9,117	68	163	3,696	8,754	2,319	5,288	254	495	Q	Q	17.1
South Atlantic	3,909	8,677	378	666	3,337	7,581	3,015	6,865	1,253	2,379	162	491	24.1
East South Central	1,961	3,698	143	282	1,216	2,456	1,112	2,012	Q	Q	*	*	19.1
West South Central	5,467	8,907	549	739	5,121	8,484	4,493	7,061	*	*	*	*	14.9
Mountain	2,504	4,947	135	251	2,462	4,903	1,272	2,166	Q	Q	Q	Q	16.4
Pacific	5,641	12,195	318	657	5,666	12,000	4,617	9,508	299	648	Q	Q	11.4
Type of Home													
Mobile Home	1,445	1,312	Q	Q	941	923	1,381	1,286	254	184	*	*	27.6
Single-Family													
Detached	29,804	61,355	1,899	3,639	28,072	58,485	22,442	45,834	6,153	15,370	2,219	6,260	6.3
Single-Family													
Attached	2,505	4,756	81	134	2,668	5,147	2,419	4,578	652	1,346	238	447	24.3
2 to 4 Units	2,592	8,191	151	577	2,722	8,717	2,492	7,857	555	1,894	362	1,249	12.4
5 or More Units	678	5,881	28	238	722	6,130	521	5,108	134	1,586	107	1,434	13.5
Building Floorspace (square feet)													
Fewer than 1,001	4,874	3,896	435	366	4,054	3,288	4,334	3,457	618	478	Q	19	13.1
1,001 to 2,000	14,628	21,919	986	1,567	13,813	20,806	11,384	17,050	2,367	3,674	578	945	9.3
2,001 to 5,000	16,306	45,905	729	2,133	15,961	44,907	12,557	35,601	4,392	12,902	2,149	6,384	6.6
5,001 to 10,000	1,045	6,687	50	308	1,119	7,181	835	5,355	321	2,050	119	779	17.6
10,001 to 25,000	149	1,988	Q	Q	157	2,100	122	1,702	42	552	40	535	31.6
25,001 to 50,000	14	484	Q	Q	14	484	11	343	3	110	3	110	30.8
50,001 to 100,000	7	448	Q	Q	7	491	10	679	4	260	4	260	42.4
100,001 to 200,000	Q	Q	Q	Q	Q	Q	2	304	2	250	2	250	27.4
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before	11,607	25,846	803	1,833	11,900	27,397	11,326	26,192	3,521	9,795	1,192	3,952	8.2
1940 to 1949	3,625	7,008	316	566	3,213	6,253	2,786	5,446	828	1,919	279	828	15.9
1950 to 1959	7,222	13,800	231	469	6,696	13,298	4,967	9,570	1,552	3,745	629	1,662	13.6
1960 to 1969	7,151	15,683	497	986	6,678	14,813	5,511	12,190	799	2,474	385	1,615	12.9
1970 to 1979	6,083	15,928	328	688	5,400	14,460	4,018	9,924	858	1,981	353	1,084	15.5
1980 to 1984	1,334	3,229	Q	Q	1,239	3,183	647	1,341	191	466	87	247	29.9

\* = 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 1984 Residential Energy Consumption Survey.

**Table R8.84p. Total and Average Primary Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1984**

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	1984 Dollars		1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
RSE Column Factors:	1.6	1.5	1.6	1.6	0.8	0.9	0.9	0.5	0.5	
All Buildings . . . . .	144,357	14,154	106,795	96,970	98.05	0.74	0.67	7.55	6.85	1.1
Census Region										
Northeast . . . . .	35,016	3,133	29,085	26,410	89.48	0.83	0.75	9.30	8.43	2.1
Midwest . . . . .	39,143	3,920	27,609	25,069	100.15	0.71	0.64	7.04	6.40	2.0
South . . . . .	44,520	4,688	34,063	30,929	105.30	0.77	0.69	7.27	6.60	2.3
West . . . . .	25,678	2,413	16,038	14,562	93.96	0.62	0.57	6.65	6.04	2.5
Census Division										
New England . . . . .	9,001	744	6,919	6,280	82.65	0.77	0.70	9.30	8.44	3.4
Middle Atlantic . . . . .	26,015	2,389	22,169	20,130	91.84	0.85	0.77	9.28	8.43	2.9
East North Central . . . . .	27,111	2,725	19,595	17,792	100.53	0.72	0.66	7.19	6.53	2.5
West North Central . . . . .	12,032	1,195	8,014	7,277	99.29	0.67	0.60	6.71	6.09	4.8
South Atlantic . . . . .	23,327	2,209	17,470	15,863	94.68	0.75	0.68	7.91	7.18	3.9
East South Central . . . . .	9,020	1,000	5,923	5,378	110.86	0.66	0.60	5.92	5.38	4.7
West South Central . . . . .	12,172	1,479	10,670	9,688	121.53	0.88	0.80	7.21	6.55	4.6
Mountain . . . . .	6,983	716	4,692	4,260	102.58	0.67	0.61	6.55	5.95	4.8
Pacific . . . . .	18,695	1,696	11,346	10,302	90.75	0.61	0.55	6.69	6.07	3.3
Type of Home										
Mobile Home . . . . .	4,296	692	5,355	4,863	161.05	1.25	1.13	7.74	7.03	5.0
Single-Family										
Detached . . . . .	9,685	9,977	73,949	67,146	90.96	0.67	0.61	7.41	6.73	1.6
Single-Family										
Attached . . . . .	7,673	687	5,615	5,099	89.51	0.73	0.66	8.18	7.42	7.1
2 to 4 Units . . . . .	11,608	1,321	10,483	9,518	113.82	0.90	0.82	7.93	7.20	3.4
5 or More Units . . . . .	11,094	1,478	11,393	10,344	133.18	1.03	0.93	7.71	7.00	3.3
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	8,408	1,389	10,730	9,743	165.18	1.28	1.16	7.73	7.02	3.1
1,001 to 2,000 . . . . .	39,886	4,592	33,988	30,861	115.12	0.85	0.77	7.40	6.72	2.1
2,001 to 5,000 . . . . .	78,435	6,459	48,775	44,288	82.34	0.62	0.56	7.55	6.86	1.6
5,001 to 10,000 . . . . .	11,184	955	7,275	6,605	85.38	0.65	0.59	7.62	6.92	5.2
10,001 to 25,000 . . . . .	3,515	397	3,155	2,865	112.86	0.90	0.81	7.95	7.22	6.7
25,001 to 50,000 . . . . .	1,112	145	1,090	990	130.41	0.98	0.89	7.51	6.82	14.6
50,001 to 100,000 . . . . .	1,169	133	1,057	960	113.88	0.90	0.82	7.94	7.21	14.6
100,001 to 200,000 . . . . .	475	61	509	462	129.35	1.07	0.97	8.27	7.51	14.7
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	39.7
Year Constructed										
1939 or Before . . . . .	44,364	4,268	33,615	30,522	96.20	0.76	0.69	7.88	7.15	2.7
1940 to 1949 . . . . .	11,181	1,099	8,427	7,651	98.30	0.75	0.68	7.67	6.96	4.5
1950 to 1959 . . . . .	21,415	2,061	15,579	14,146	96.25	0.73	0.66	7.56	6.86	3.3
1960 to 1969 . . . . .	25,682	2,590	19,236	17,467	100.86	0.75	0.68	7.43	6.74	3.0
1970 to 1979 . . . . .	33,959	3,426	24,939	22,644	100.89	0.73	0.67	7.28	6.61	2.9
1980 to 1984 . . . . .	7,755	709	5,000	4,540	91.46	0.64	0.59	7.05	6.40	6.1

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 1984 Residential Energy Consumption Survey.

**Table R8.84s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1984**

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	1984 Dollars		1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
RSE Column Factors:	1.4	1.4	1.4	1.4	0.9	0.8	0.8	0.7	0.7	
All Buildings . . . . .	144,357	9,038	106,795	96,970	62.61	0.74	0.67	11.82	10.73	1.3
Census Region										
Northeast . . . . .	35,016	2,292	29,085	26,410	65.44	0.83	0.75	12.69	11.52	2.4
Midwest . . . . .	39,143	2,797	27,609	25,069	71.46	0.71	0.64	9.87	8.96	2.1
South . . . . .	44,520	2,496	34,063	30,929	56.08	0.77	0.69	13.64	12.39	2.8
West . . . . .	25,678	1,453	16,038	14,562	56.58	0.62	0.57	11.04	10.02	2.7
Census Division										
New England . . . . .	9,001	545	6,916	6,280	60.53	0.77	0.70	12.69	11.53	3.7
Middle Atlantic . . . . .	26,015	1,747	22,169	20,130	67.14	0.85	0.77	12.69	11.52	3.4
East North Central . . . . .	27,111	1,973	19,595	17,792	72.76	0.72	0.66	9.93	9.02	2.6
West North Central . . . . .	12,032	825	8,014	7,277	68.53	0.67	0.60	9.72	8.82	5.1
South Atlantic . . . . .	23,327	1,180	17,470	15,863	50.58	0.75	0.68	14.81	13.44	5.1
East South Central . . . . .	9,020	477	5,923	5,378	52.91	0.66	0.60	12.41	11.27	4.6
West South Central . . . . .	12,172	839	10,670	9,688	68.95	0.88	0.80	12.71	11.54	5.1
Mountain . . . . .	6,983	466	4,692	4,260	66.79	0.67	0.61	10.06	9.13	5.5
Pacific . . . . .	18,695	986	11,346	10,302	52.76	0.61	0.55	11.50	10.44	3.5
Type of Home										
Mobile Home . . . . .	4,296	374	5,355	4,863	86.94	1.25	1.13	14.34	13.02	5.6
Single-Family										
Detached . . . . .	109,685	6,270	73,949	67,146	57.16	0.67	0.61	11.79	10.71	1.8
Single-Family										
Attached . . . . .	7,673	454	5,615	5,099	59.11	0.73	0.66	12.38	11.24	7.5
2 to 4 Units . . . . .	11,608	972	10,483	9,518	83.74	0.90	0.82	10.78	9.79	3.5
5 or More Units . . . . .	11,094	969	11,393	10,344	87.33	1.03	0.93	11.76	10.68	4.1
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	8,408	852	10,730	9,743	101.36	1.28	1.16	12.59	11.43	3.5
1,001 to 2,000 . . . . .	39,886	2,799	33,988	30,861	70.17	0.85	0.77	12.14	11.03	2.4
2,001 to 5,000 . . . . .	78,435	4,243	48,775	44,288	54.09	0.62	0.56	11.50	10.44	1.8
5,001 to 10,000 . . . . .	11,184	644	7,275	6,605	57.56	0.65	0.59	11.30	10.26	5.9
10,001 to 25,000 . . . . .	3,515	258	3,155	2,865	73.45	0.90	0.81	12.22	11.09	8.3
25,001 to 50,000 . . . . .	1,112	90	1,090	990	80.62	0.98	0.89	12.16	11.04	18.5
50,001 to 100,000 . . . . .	1,169	91	1,057	960	77.76	0.90	0.82	11.63	10.56	18.3
100,001 to 200,000 . . . . .	475	44	509	462	92.90	1.07	0.97	11.52	10.46	18.0
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	32.1
Year Constructed										
1939 or Before . . . . .	44,364	3,163	33,615	30,522	71.30	0.76	0.69	10.63	9.65	2.9
1940 to 1949 . . . . .	11,181	743	8,427	7,651	66.41	0.75	0.68	11.35	10.30	4.9
1950 to 1959 . . . . .	21,415	1,355	15,579	14,146	63.28	0.73	0.66	11.50	10.44	3.6
1960 to 1969 . . . . .	25,682	1,567	19,236	17,467	61.00	0.75	0.68	12.28	11.15	3.4
1970 to 1979 . . . . .	33,959	1,840	24,939	22,644	54.19	0.73	0.67	13.55	12.31	3.4
1980 to 1984 . . . . .	7,755	370	5,000	4,540	47.77	0.64	0.59	13.49	12.25	7.2

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 1984 Residential Energy Consumption Survey.

**Table R9.84p. Total and Average Primary Consumption and Expenditures for Electricity in Residential Buildings, 1984**

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	1984 Dollars		1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
RSE Column Factors:	1.2	1.5	1.4	1.4	1.0	0.9	0.9	0.6	0.6	
All Buildings . . . . .	144,274	7,599	59,999	54,479	52.67	0.42	0.38	7.90	7.17	1.6
Census Region										
Northeast . . . . .	35,016	1,250	13,396	12,164	35.70	0.38	0.35	10.72	9.73	3.3
Midwest . . . . .	39,143	1,668	12,991	11,796	42.61	0.33	0.30	7.79	7.07	3.4
South . . . . .	44,498	3,255	23,891	21,693	73.16	0.54	0.49	7.34	6.66	3.0
West . . . . .	25,617	1,426	9,720	8,826	55.67	0.38	0.34	6.82	6.19	3.4
Census Division										
New England . . . . .	9,001	296	2,984	2,709	32.85	0.33	0.30	10.09	9.16	4.8
Middle Atlantic . . . . .	26,015	954	10,412	9,455	36.69	0.40	0.36	10.91	9.91	4.4
East North Central . . . . .	27,111	1,118	8,926	8,105	41.24	0.33	0.30	7.98	7.25	4.7
West North Central . . . . .	12,032	550	4,065	3,691	45.69	0.34	0.31	7.39	6.71	5.3
South Atlantic . . . . .	23,305	1,528	11,911	10,815	65.57	0.51	0.46	7.79	7.08	5.2
East South Central . . . . .	9,020	777	4,524	4,108	86.09	0.50	0.46	5.83	5.29	5.4
West South Central . . . . .	12,172	951	7,456	6,770	78.10	0.61	0.56	7.84	7.12	5.3
Mountain . . . . .	6,967	371	2,665	2,420	53.28	0.38	0.35	7.18	6.52	8.1
Pacific . . . . .	18,650	1,055	7,055	6,406	56.56	0.38	0.34	6.69	6.07	4.1
Type of Home										
Mobile Home . . . . .	4,296	473	3,540	3,214	110.10	0.82	0.75	7.48	6.79	6.6
Single-Family										
Detached . . . . .	9,603	5,506	42,381	38,482	50.23	0.39	0.35	7.70	6.99	2.1
Single-Family										
Attached . . . . .	7,673	346	2,982	2,707	45.15	0.39	0.35	8.61	7.81	11.8
2 to 4 Units . . . . .	11,608	519	4,594	4,172	44.68	0.40	0.36	8.86	8.04	4.7
5 or More Units . . . . .	11,094	756	6,502	5,904	68.12	0.59	0.53	8.60	7.81	4.5
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	8,399	797	6,249	5,674	94.91	0.74	0.68	7.84	7.12	4.0
1,001 to 2,000 . . . . .	39,873	2,663	20,398	18,522	66.78	0.51	0.46	7.66	6.96	2.8
2,001 to 5,000 . . . . .	78,376	3,292	26,043	23,647	42.00	0.33	0.30	7.91	7.18	2.3
5,001 to 10,000 . . . . .	11,184	462	3,805	3,455	41.33	0.34	0.31	8.23	7.47	6.7
10,001 to 25,000 . . . . .	3,515	206	1,858	1,687	58.53	0.53	0.48	9.03	8.20	8.7
25,001 to 50,000 . . . . .	1,112	82	682	619	73.97	0.61	0.56	8.29	7.53	20.2
50,001 to 100,000 . . . . .	1,169	63	580	527	53.65	0.50	0.45	9.25	8.40	15.0
100,001 to 200,000 . . . . .	475	26	269	245	54.14	0.57	0.51	10.47	9.50	24.4
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	53.5
Year Constructed										
1939 or Before . . . . .	44,327	1,641	14,267	12,955	37.03	0.32	0.29	8.69	7.89	3.4
1940 to 1949 . . . . .	11,157	530	4,295	3,900	47.48	0.38	0.35	8.11	7.36	5.1
1950 to 1959 . . . . .	21,415	1,049	8,477	7,697	48.98	0.40	0.36	8.08	7.34	3.9
1960 to 1969 . . . . .	25,682	1,520	11,812	10,725	59.20	0.46	0.42	7.77	7.05	3.7
1970 to 1979 . . . . .	33,945	2,356	17,525	15,912	69.40	0.52	0.47	7.44	6.75	3.7
1980 to 1984 . . . . .	7,748	503	3,623	3,290	64.96	0.47	0.42	7.20	6.54	7.3

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 1984 Residential Energy Consumption Survey.

**Table R9.84s. Total and Average Site Consumption and Expenditures for Electricity in Residential Buildings, 1984**

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	1984 Dollars		1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
RSE Column Factors:	1.2	1.5	1.4	1.4	1.0	0.9	0.9	0.6	0.6	
All Buildings . . . . .	144,274	2,483	59,999	54,479	17.21	0.42	0.38	24.16	21.94	1.6
Census Region										
Northeast . . . . .	35,016	409	13,396	12,164	11.67	0.38	0.35	32.79	29.77	3.3
Midwest . . . . .	39,143	545	12,991	11,796	13.92	0.33	0.30	23.84	21.64	3.4
South . . . . .	44,498	1,064	23,891	21,693	23.91	0.54	0.49	22.46	20.39	3.0
West . . . . .	25,617	466	9,720	8,826	18.19	0.38	0.34	20.86	18.94	3.4
Census Division										
New England . . . . .	9,001	97	2,984	2,709	10.74	0.33	0.30	30.87	28.03	4.8
Middle Atlantic . . . . .	26,015	312	10,412	9,455	11.99	0.40	0.36	33.39	30.31	4.4
East North Central . . . . .	27,111	365	8,926	8,105	13.48	0.33	0.30	24.43	22.18	4.7
West North Central . . . . .	12,032	180	4,065	3,691	14.93	0.34	0.31	22.63	20.55	5.3
South Atlantic . . . . .	23,305	499	11,911	10,815	21.43	0.51	0.46	23.85	21.66	5.2
East South Central . . . . .	9,020	254	4,524	4,108	28.13	0.50	0.46	17.83	16.19	5.4
West South Central . . . . .	12,172	311	7,456	6,770	25.52	0.61	0.56	24.00	21.79	5.3
Mountain . . . . .	6,967	121	2,665	2,420	17.41	0.38	0.35	21.97	19.95	8.1
Pacific . . . . .	18,650	345	7,055	6,406	18.48	0.38	0.34	20.47	18.58	4.1
Type of Home										
Mobile Home . . . . .	4,296	155	3,540	3,214	35.98	0.82	0.75	22.90	20.79	6.6
Single-Family										
Detached . . . . .	109,603	1,799	42,381	38,482	16.42	0.39	0.35	23.55	21.39	2.1
Single-Family										
Attached . . . . .	7,673	113	2,982	2,707	14.76	0.39	0.35	26.33	23.91	11.8
2 to 4 Units . . . . .	11,608	170	4,594	4,172	14.60	0.40	0.36	27.11	24.61	4.7
5 or More Units . . . . .	11,094	247	6,502	5,904	22.26	0.59	0.53	26.33	23.91	4.5
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	8,399	261	6,249	5,674	31.02	0.74	0.68	23.99	21.78	4.0
1,001 to 2,000 . . . . .	39,873	870	20,398	18,522	21.82	0.51	0.46	23.44	21.28	2.8
2,001 to 5,000 . . . . .	78,376	1,076	26,043	23,647	13.73	0.33	0.30	24.21	21.98	2.3
5,001 to 10,000 . . . . .	11,184	151	3,805	3,455	13.51	0.34	0.31	25.19	22.87	6.7
10,001 to 25,000 . . . . .	3,515	67	1,858	1,687	19.13	0.53	0.48	27.63	25.09	8.7
25,001 to 50,000 . . . . .	1,112	27	682	619	24.17	0.61	0.56	25.38	23.05	20.2
50,001 to 100,000 . . . . .	1,169	21	580	527	17.53	0.50	0.45	28.30	25.69	15.0
100,001 to 200,000 . . . . .	475	8	269	245	17.69	0.57	0.51	32.03	29.08	24.4
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	53.5
Year Constructed										
1939 or Before . . . . .	44,327	536	14,267	12,955	12.10	0.32	0.29	26.60	24.15	3.4
1940 to 1949 . . . . .	11,157	173	4,295	3,900	15.52	0.38	0.35	24.81	22.52	5.1
1950 to 1959 . . . . .	21,415	343	8,477	7,697	16.01	0.40	0.36	24.73	22.46	3.9
1960 to 1969 . . . . .	25,682	497	11,812	10,725	19.35	0.46	0.42	23.77	21.58	3.7
1970 to 1979 . . . . .	33,945	770	17,525	15,912	22.68	0.52	0.47	22.76	20.67	3.7
1980 to 1984 . . . . .	7,748	164	3,623	3,290	21.23	0.47	0.42	22.03	20.00	7.3

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 1984 Residential Energy Consumption Survey.

**Table R10.84. Total and Average Consumption and Expenditures for Natural Gas in Residential Buildings, 1984**

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	1984 Dollars		1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
RSE Column Factors:	1.7	1.8	1.7	1.7	0.9	0.8	0.8	0.4	0.4	
All Buildings . . . . .	93,163	4,984	32,793	29,776	53.50	0.35	0.32	6.58	5.97	1.8
Census Region										
Northeast . . . . .	21,062	930	7,602	6,903	44.14	0.36	0.33	8.18	7.43	4.3
Midwest . . . . .	30,020	1,989	12,248	11,121	66.26	0.41	0.37	6.16	5.59	2.7
South . . . . .	23,203	1,152	7,367	6,689	49.66	0.32	0.29	6.39	5.81	4.6
West . . . . .	18,879	913	5,575	5,062	48.35	0.30	0.27	6.11	5.55	2.9
Census Division										
New England . . . . .	4,154	162	1,395	1,267	39.07	0.34	0.30	8.60	7.81	6.2
Middle Atlantic . . . . .	16,907	767	6,207	5,636	45.38	0.37	0.33	8.09	7.35	5.2
East North Central . . . . .	20,623	1,434	9,088	8,252	69.55	0.44	0.40	6.34	5.75	2.6
West North Central . . . . .	9,398	555	3,160	2,869	59.04	0.34	0.31	5.70	5.17	6.9
South Atlantic . . . . .	10,158	472	3,476	3,156	46.48	0.34	0.31	7.36	6.68	7.0
East South Central . . . . .	3,807	193	1,094	993	50.82	0.29	0.26	5.65	5.13	7.0
West South Central . . . . .	9,238	487	2,798	2,540	52.68	0.30	0.27	5.75	5.22	7.1
Mountain . . . . .	5,332	319	1,785	1,621	59.91	0.33	0.30	5.59	5.08	5.8
Pacific . . . . .	13,547	593	3,790	3,441	43.81	0.28	0.25	6.39	5.80	3.3
Type of Home										
Mobile Home . . . . .	1,378	116	715	649	84.21	0.52	0.47	6.16	5.60	9.5
Single-Family										
Detached . . . . .	68,321	3,459	22,270	20,222	50.63	0.33	0.30	6.44	5.85	2.4
Single-Family										
Attached . . . . .	5,802	259	1,924	1,747	44.68	0.33	0.30	7.42	6.74	8.3
2 to 4 Units . . . . .	9,948	640	4,473	4,061	64.37	0.45	0.41	6.98	6.34	4.3
5 or More Units . . . . .	7,715	509	3,410	3,096	65.96	0.44	0.40	6.70	6.08	4.6
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	4,305	413	2,597	2,358	95.90	0.60	0.55	6.29	5.71	4.8
1,001 to 2,000 . . . . .	24,095	1,513	9,717	8,823	62.79	0.40	0.37	6.42	5.83	3.3
2,001 to 5,000 . . . . .	52,521	2,436	16,282	14,785	46.39	0.31	0.28	6.68	6.07	2.2
5,001 to 10,000 . . . . .	7,847	389	2,617	2,376	49.61	0.33	0.30	6.72	6.10	6.3
10,001 to 25,000 . . . . .	2,496	143	956	868	57.37	0.38	0.35	6.68	6.06	10.1
25,001 to 50,000 . . . . .	593	44	286	260	74.46	0.48	0.44	6.48	5.88	15.1
50,001 to 100,000 . . . . .	830	30	221	201	36.42	0.27	0.24	7.32	6.65	23.8
100,001 to 200,000 . . . . .	304	10	75	68	32.53	0.25	0.22	7.55	6.85	28.7
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	20.7
Year Constructed										
1939 or Before . . . . .	32,467	1,884	12,821	11,641	58.03	0.39	0.36	6.81	6.18	3.1
1940 to 1949 . . . . .	7,864	424	2,842	2,580	53.89	0.36	0.33	6.71	6.09	5.8
1950 to 1959 . . . . .	15,097	801	5,224	4,744	53.05	0.35	0.31	6.52	5.92	4.3
1960 to 1969 . . . . .	17,296	853	5,509	5,002	49.31	0.32	0.29	6.46	5.87	4.3
1970 to 1979 . . . . .	17,037	868	5,488	4,983	50.93	0.32	0.29	6.32	5.74	4.1
1980 to 1984 . . . . .	3,403	155	909	826	45.47	0.27	0.24	5.88	5.34	10.0

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 1984 Residential Energy Consumption Survey.

**Table R11.84. Total and Average Consumption and Expenditures for Fuel Oil in Residential Buildings, 1984**

Building Characteristics	Total				Average					RSE Row Factors
	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	1984 Dollars		1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
RSE Column Factors:	2.2	2.1	2.0	2.0	1.2	1.1	1.1	0.2	0.2	
All Buildings	23,317	1,154	9,557	8,677	49.47	0.41	0.37	8.28	7.52	2.7
Census Region										
Northeast	16,314	890	7,332	6,658	54.53	0.45	0.41	8.24	7.48	3.0
Midwest	2,839	119	984	894	41.82	0.35	0.31	8.29	7.53	6.0
South	3,059	108	918	834	35.23	0.30	0.27	8.52	7.74	9.6
West	1,105	38	322	292	33.95	0.29	0.26	8.58	7.79	12.0
Census Division										
New England	5,361	260	2,235	2,029	48.54	0.42	0.38	8.59	7.80	3.6
Middle Atlantic	10,953	629	5,097	4,628	57.46	0.47	0.42	8.10	7.35	4.2
East North Central	2,212	88	732	665	39.94	0.33	0.30	8.29	7.53	6.8
West North Central	628	30	252	229	48.43	0.40	0.37	8.30	7.54	12.6
South Atlantic	2,976	104	889	807	34.97	0.30	0.27	8.54	7.76	10.0
East South Central	Q	Q	Q	Q	44.29	0.35	0.32	7.93	7.20	31.1
West South Central	*	*	*	*	NC	NC	NC	NC	NC	0.0
Mountain	Q	Q	Q	Q	35.23	0.30	0.27	8.48	7.70	15.3
Pacific	769	26	222	201	33.39	0.29	0.26	8.63	7.83	12.4
Type of Home										
Mobile Home	203	15	131	119	73.53	0.64	0.59	8.76	7.96	11.1
Single-Family										
Detached	17,896	705	6,049	5,493	39.37	0.34	0.31	8.59	7.80	2.8
Single-Family										
Attached	1,346	72	624	567	53.54	0.46	0.42	8.66	7.87	10.4
2 to 4 Units	2,035	152	1,307	1,187	74.68	0.64	0.58	8.60	7.81	6.5
5 or More Units	1,836	210	1,445	1,312	114.38	0.79	0.71	6.88	6.25	6.5
Building Floorspace (square feet)										
Fewer than 1,001	504	47	408	370	92.70	0.81	0.73	8.73	7.92	7.6
1,001 to 2,000	4,079	241	2,056	1,866	58.99	0.50	0.46	8.54	7.76	4.9
2,001 to 5,000	15,032	629	5,389	4,893	41.84	0.36	0.33	8.57	7.78	3.0
5,001 to 10,000	2,211	95	761	691	43.10	0.34	0.31	7.99	7.25	10.5
10,001 to 25,000	575	48	339	308	82.69	0.59	0.54	7.13	6.48	15.7
25,001 to 50,000	148	19	121	110	125.99	0.82	0.75	6.52	5.92	9.5
50,001 to 100,000	368	40	256	232	109.19	0.70	0.63	6.37	5.78	12.2
100,001 to 200,000	260	26	165	149	99.38	0.63	0.57	6.37	5.78	12.3
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed										
1939 or Before	11,084	595	4,965	4,508	53.66	0.45	0.41	8.35	7.58	3.9
1940 to 1949	2,088	122	1,026	931	58.45	0.49	0.45	8.40	7.63	9.7
1950 to 1959	4,404	175	1,457	1,323	39.66	0.33	0.30	8.34	7.57	7.2
1960 to 1969	2,838	140	1,116	1,013	49.49	0.39	0.36	7.95	7.21	6.8
1970 to 1979	2,402	97	790	718	40.53	0.33	0.30	8.12	7.37	9.6
1980 to 1984	499	24	202	183	48.38	0.40	0.37	8.37	7.60	19.2

NC = No cases in sample.

\* = 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 1984 Residential Energy Consumption Survey.



**Table R12A.84p. Total Primary Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1984**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.6	0.7	0.8	1.3	1.3	1.8	2.4	1.9	2.2	
RSE Column Factors:	0.5	0.5	0.5	0.6	0.7	0.8	1.3	1.3	1.8	2.4	1.9	2.2	
All Buildings . . . . .	67,576	14,154	67,516	7,599	41,355	4,984	8,837	1,154	6,040	102	7,674	315	3.8
Census Region													
Northeast . . . . .	13,004	3,133	13,004	1,250	7,492	930	5,554	890	1,666	37	1,210	27	6.7
Midwest . . . . .	17,059	3,920	17,059	1,668	12,633	1,989	1,260	119	1,203	10	1,934	135	7.0
South . . . . .	25,054	4,688	25,047	3,255	12,334	1,152	1,520	108	2,930	55	3,658	118	8.3
West . . . . .	12,459	2,413	12,406	1,426	8,896	913	503	37	240	1	872	35	9.9
Census Division													
New England . . . . .	3,129	744	3,129	296	1,336	162	1,784	260	275	12	436	13	13.5
Middle Atlantic . . . . .	9,875	2,389	9,875	954	6,156	767	3,770	629	1,391	24	774	14	9.8
East North Central . . . . .	11,731	2,725	11,731	1,118	8,620	1,434	971	88	933	9	1,123	76	9.7
West North Central . . . . .	5,327	1,195	5,327	550	4,013	555	288	30	270	1	811	59	14.5
South Atlantic . . . . .	12,808	2,209	12,801	1,528	4,663	472	1,471	104	2,258	47	2,309	57	12.2
East South Central . . . . .	4,920	1,000	4,920	777	2,011	193	Q	Q	474	7	536	19	14.3
West South Central . . . . .	7,327	1,479	7,327	951	5,661	487	*	*	198	Q	813	41	15.6
Mountain . . . . .	3,669	716	3,648	371	2,692	319	Q	Q	120	Q	272	13	16.6
Pacific . . . . .	8,790	1,696	8,758	1,055	6,204	593	356	26	120	Q	601	22	10.8
Type of Home													
Mobile Home . . . . .	5,135	692	5,135	473	1,515	116	278	15	921	22	1,945	66	16.7
Single-Family													
Detached . . . . .	53,523	9,977	53,463	5,506	32,840	3,459	7,177	705	4,806	69	5,593	238	4.8
Single-Family													
Attached . . . . .	4,060	687	4,060	346	3,039	259	652	72	167	Q	78	7	22.1
2 to 4 Units . . . . .	3,689	1,321	3,689	519	3,134	640	584	152	125	7	45	3	13.8
5 or More Units . . . . .	1,168	1,478	1,168	756	826	509	146	210	20	Q	Q	Q	13.1
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	10,931	1,389	10,904	797	5,366	413	648	47	1,496	35	2,882	97	11.1
1,001 to 2,000 . . . . .	26,819	4,592	26,809	2,663	16,007	1,513	2,641	241	2,261	42	3,002	133	7.3
2,001 to 5,000 . . . . .	27,769	6,459	27,747	3,292	18,550	2,436	5,149	629	2,208	24	1,638	78	5.6
5,001 to 10,000 . . . . .	1,742	955	1,742	462	1,217	389	345	95	Q	Q	153	Q	16.1
10,001 to 25,000 . . . . .	260	397	260	206	183	143	43	48	Q	Q	*	*	24.8
25,001 to 50,000 . . . . .	33	145	33	82	17	44	4	19	*	*	*	*	37.0
50,001 to 100,000 . . . . .	17	133	17	63	12	30	5	40	*	*	*	*	41.6
100,001 to 200,000 . . . . .	3	61	3	26	2	10	2	26	*	*	*	*	37.6
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before . . . . .	19,714	4,268	19,698	1,641	13,919	1,884	4,010	595	1,656	42	2,349	105	8.1
1940 to 1949 . . . . .	5,848	1,099	5,830	530	3,997	424	901	122	494	8	415	15	14.4
1950 to 1959 . . . . .	11,111	2,061	11,111	1,049	7,757	801	1,739	175	948	8	932	29	10.7
1960 to 1969 . . . . .	12,263	2,590	12,263	1,520	7,793	853	968	140	1,082	22	1,563	55	10.7
1970 to 1979 . . . . .	15,021	3,426	15,011	2,356	6,497	868	1,012	97	1,600	19	1,990	86	9.9
1980 to 1984 . . . . .	3,618	709	3,602	503	1,392	155	208	24	260	2	425	Q	21.4

\* = 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 1984 Residential Energy Consumption Survey.

**Table R12A.84s. Total Site Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1984**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.6	0.7	0.8	1.3	1.2	1.8	2.4	1.9	2.1	
All Buildings	67,576	9,038	67,516	2,483	41,355	4,984	8,837	1,154	6,040	102	7,674	315	3.8
Census Region													
Northeast	13,004	2,292	13,004	409	7,492	930	5,554	890	1,666	37	1,210	27	6.8
Midwest	17,059	2,797	17,059	545	12,633	1,989	1,260	119	1,203	10	1,934	135	6.9
South	25,054	2,496	25,047	1,064	12,334	1,152	1,520	108	2,930	55	3,658	118	8.5
West	12,459	1,453	12,406	466	8,896	913	503	37	240	1	872	35	10.0
Census Division													
New England	3,129	545	3,129	97	1,336	162	1,784	260	275	12	436	13	13.4
Middle Atlantic	9,875	1,747	9,875	312	6,156	767	3,770	629	1,391	24	774	14	9.9
East North Central	11,731	1,973	11,731	365	8,620	1,434	971	88	933	9	1,123	76	9.6
West North Central	5,327	825	5,327	180	4,013	555	288	30	270	1	811	59	14.5
South Atlantic	12,808	1,180	12,801	499	4,663	472	1,471	104	2,258	47	2,309	57	12.6
East South Central	4,920	477	4,920	254	2,011	193	Q	Q	474	7	536	19	14.2
West South Central	7,327	839	7,327	311	5,661	487	*	*	198	Q	813	41	15.3
Mountain	3,669	466	3,648	121	2,692	319	Q	Q	120	Q	272	13	16.2
Pacific	8,790	986	8,758	345	6,204	593	356	26	120	Q	601	22	10.8
Type of Home													
Mobile Home	5,135	374	5,135	155	1,515	116	278	15	921	22	1,945	66	16.7
Single-Family													
Detached	53,523	6,270	53,463	1,799	32,840	3,459	7,177	705	4,806	69	5,593	238	4.8
Single-Family													
Attached	4,060	454	4,060	113	3,039	259	652	72	167	Q	78	7	21.9
2 to 4 Units	3,689	972	3,689	170	3,134	640	584	152	125	7	45	3	13.8
5 or More Units	1,168	969	1,168	247	826	509	146	210	20	Q	Q	Q	13.0
Building Floorspace (square feet)													
Fewer than 1,001	10,931	852	10,904	261	5,366	413	648	47	1,496	35	2,882	97	11.1
1,001 to 2,000	26,819	2,799	26,809	870	16,007	1,513	2,641	241	2,261	42	3,002	133	7.4
2,001 to 5,000	27,769	4,243	27,747	1,076	18,550	2,436	5,149	629	2,208	24	1,638	78	5.6
5,001 to 10,000	1,742	644	1,742	151	1,217	389	345	95	Q	Q	153	Q	16.1
10,001 to 25,000	260	258	260	67	183	143	43	48	Q	Q	*	*	25.1
25,001 to 50,000	33	90	33	27	17	44	4	19	*	*	*	*	36.4
50,001 to 100,000	17	91	17	21	12	30	5	40	*	*	*	*	42.4
100,001 to 200,000	3	44	3	8	2	10	2	26	*	*	*	*	36.4
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before	19,714	3,163	19,698	536	13,919	1,884	4,010	595	1,656	42	2,349	105	8.1
1940 to 1949	5,848	743	5,830	173	3,997	424	901	122	494	8	415	15	14.5
1950 to 1959	11,111	1,355	11,111	343	7,757	801	1,739	175	948	8	932	29	10.8
1960 to 1969	12,263	1,567	12,263	497	7,793	853	968	140	1,082	22	1,563	55	10.7
1970 to 1979	15,021	1,840	15,011	770	6,497	868	1,012	97	1,600	19	1,990	86	9.9
1980 to 1984	3,618	370	3,602	164	1,392	155	208	24	260	2	425	Q	21.5

\* = 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 1984 Residential Energy Consumption Survey.

**Table R12B.84p. Total Primary Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1984**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.6	0.7	0.8	1.3	1.2	1.9	2.4	1.9	2.1	
RSE Column Factors:	0.5	0.5	0.5	0.6	0.7	0.8	1.3	1.2	1.9	2.4	1.9	2.1	
All Buildings . . . . .	144,357	14,154	144,274	7,599	93,163	4,984	23,316	1,154	11,259	102	11,992	315	3.7
Census Region													
Northeast . . . . .	35,016	3,133	35,016	1,250	21,062	930	16,314	890	3,662	37	2,715	27	6.7
Midwest . . . . .	39,143	3,920	39,143	1,668	30,020	1,989	2,839	119	2,446	10	3,445	135	6.6
South . . . . .	44,520	4,688	44,498	3,255	23,203	1,152	3,059	108	4,711	55	4,624	118	8.6
West . . . . .	25,678	2,413	25,617	1,426	18,879	913	1,105	37	439	1	1,208	35	9.7
Census Division													
New England . . . . .	9,001	744	9,001	296	4,154	162	5,361	260	560	12	964	13	14.0
Middle Atlantic . . . . .	26,015	2,389	26,015	954	16,907	767	10,953	629	3,102	24	1,751	14	9.5
East North Central . . . . .	27,111	2,725	27,111	1,118	20,623	1,434	2,212	88	1,800	9	1,911	76	8.8
West North Central . . . . .	12,032	1,195	12,032	550	9,398	555	628	30	646	1	1,533	59	14.2
South Atlantic . . . . .	23,327	2,209	23,305	1,528	10,158	472	2,976	104	3,449	47	2,938	57	12.2
East South Central . . . . .	9,020	1,000	9,020	777	3,807	193	Q	Q	807	7	640	19	14.9
West South Central . . . . .	12,172	1,479	12,172	951	9,238	487	*	*	456	Q	1,045	41	17.0
Mountain . . . . .	6,983	716	6,967	371	5,332	319	Q	Q	224	Q	325	13	16.4
Pacific . . . . .	18,695	1,696	18,650	1,055	13,547	593	769	26	215	Q	883	22	11.2
Type of Home													
Mobile Home . . . . .	4,296	692	4,296	473	1,378	116	203	15	711	22	1,443	66	17.1
Single-Family													
Detached . . . . .	109,685	9,977	109,603	5,506	68,321	3,459	17,896	705	9,708	69	10,169	238	4.9
Single-Family													
Attached . . . . .	7,673	687	7,673	346	5,802	259	1,346	72	352	Q	155	7	24.2
2 to 4 Units . . . . .	11,608	1,321	11,608	519	9,948	640	2,035	152	352	7	150	3	14.2
5 or More Units . . . . .	11,094	1,478	11,094	756	7,715	509	1,836	210	136	Q	Q	Q	12.8
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	8,408	1,389	8,399	797	4,305	413	504	47	1,133	35	2,022	97	11.2
1,001 to 2,000 . . . . .	39,886	4,592	39,873	2,663	24,095	1,513	4,079	241	3,310	42	4,293	133	7.6
2,001 to 5,000 . . . . .	78,435	6,459	78,376	3,292	52,521	2,436	15,032	629	6,330	24	4,664	78	5.6
5,001 to 10,000 . . . . .	11,184	955	11,184	462	7,847	389	2,211	95	Q	Q	1,012	Q	15.9
10,001 to 25,000 . . . . .	3,515	397	3,515	206	2,496	143	575	48	Q	Q	*	*	23.2
25,001 to 50,000 . . . . .	1,112	145	1,112	82	593	44	148	19	*	*	*	*	35.6
50,001 to 100,000 . . . . .	1,169	133	1,169	63	830	30	368	40	*	*	*	*	43.4
100,001 to 200,000 . . . . .	475	61	475	26	304	10	260	26	*	*	*	*	39.6
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before . . . . .	44,364	4,268	44,327	1,641	32,467	1,884	11,084	595	3,529	42	4,423	105	8.3
1940 to 1949 . . . . .	11,181	1,099	11,157	530	7,864	424	2,088	122	923	8	680	15	14.9
1950 to 1959 . . . . .	21,415	2,061	21,415	1,049	15,097	801	4,404	175	1,729	8	1,487	29	11.3
1960 to 1969 . . . . .	25,682	2,590	25,682	1,520	17,296	853	2,838	140	1,840	22	2,356	55	10.8
1970 to 1979 . . . . .	33,959	3,426	33,945	2,356	17,037	868	2,402	97	2,834	19	2,361	86	10.3
1980 to 1984 . . . . .	7,755	709	7,748	503	3,403	155	499	24	404	2	686	Q	22.3

\* = 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 1984 Residential Energy Consumption Survey.

**Table R12B.84s. Total Site Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1984**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.6	0.7	0.8	1.3	1.2	1.9	2.4	1.9	2.1	
All Buildings	144,357	9,038	144,274	2,483	93,163	4,984	23,316	1,154	11,259	102	11,992	315	3.8
Census Region													
Northeast	35,016	2,292	35,016	409	21,062	930	16,314	890	3,662	37	2,715	27	6.8
Midwest	39,143	2,797	39,143	545	30,020	1,989	2,839	119	2,446	10	3,445	135	6.6
South	44,520	2,496	44,498	1,064	23,203	1,152	3,059	108	4,711	55	4,624	118	8.8
West	25,678	1,453	25,617	466	18,879	913	1,105	37	439	1	1,208	35	9.8
Census Division													
New England	9,001	545	9,001	97	4,154	162	5,361	260	560	12	964	13	13.9
Middle Atlantic	26,015	1,747	26,015	312	16,907	767	10,953	629	3,102	24	1,751	14	9.7
East North Central	27,111	1,973	27,111	365	20,623	1,434	2,212	88	1,800	9	1,911	76	8.7
West North Central	12,032	825	12,032	180	9,398	555	628	30	646	1	1,533	59	14.3
South Atlantic	23,327	1,180	23,305	499	10,158	472	2,976	104	3,449	47	2,938	57	12.6
East South Central	9,020	477	9,020	254	3,807	193	Q	Q	807	7	640	19	14.8
West South Central	12,172	839	12,172	311	9,238	487	*	*	456	Q	1,045	41	16.7
Mountain	6,983	466	6,967	121	5,332	319	Q	Q	224	Q	325	13	16.1
Pacific	18,695	986	18,650	345	13,547	593	769	26	215	Q	883	22	11.2
Type of Home													
Mobile Home	4,296	374	4,296	155	1,378	116	203	15	711	22	1,443	66	17.0
Single-Family													
Detached	109,685	6,270	109,603	1,799	68,321	3,459	17,896	705	9,708	69	10,169	238	5.0
Single-Family													
Attached	7,673	454	7,673	113	5,802	259	1,346	72	352	Q	155	7	24.0
2 to 4 Units	11,608	972	11,608	170	9,948	640	2,035	152	352	7	150	3	14.2
5 or More Units	11,094	969	11,094	247	7,715	509	1,836	210	136	Q	Q	Q	12.8
Building Floorspace (square feet)													
Fewer than 1,001	8,408	852	8,399	261	4,305	413	504	47	1,133	35	2,022	97	11.2
1,001 to 2,000	39,886	2,799	39,873	870	24,095	1,513	4,079	241	3,310	42	4,293	133	7.6
2,001 to 5,000	78,435	4,243	78,376	1,076	52,521	2,436	15,032	629	6,330	24	4,664	78	5.6
5,001 to 10,000	11,184	644	11,184	151	7,847	389	2,211	95	Q	Q	1,012	Q	15.9
10,001 to 25,000	3,515	258	3,515	67	2,496	143	575	48	Q	Q	*	*	23.5
25,001 to 50,000	1,112	90	1,112	27	593	44	148	19	*	*	*	*	35.0
50,001 to 100,000	1,169	91	1,169	21	830	30	368	40	*	*	*	*	44.3
100,001 to 200,000	475	44	475	8	304	10	260	26	*	*	*	*	38.4
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before	44,364	3,163	44,327	536	32,467	1,884	11,084	595	3,529	42	4,423	105	8.3
1940 to 1949	11,181	743	11,157	173	7,864	424	2,088	122	923	8	680	15	15.0
1950 to 1959	21,415	1,355	21,415	343	15,097	801	4,404	175	1,729	8	1,487	29	11.4
1960 to 1969	25,682	1,567	25,682	497	17,296	853	2,838	140	1,840	22	2,356	55	10.8
1970 to 1979	33,959	1,840	33,945	770	17,037	868	2,402	97	2,834	19	2,361	86	10.3
1980 to 1984	7,755	370	7,748	164	3,403	155	499	24	404	2	686	Q	22.4

\* = 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 1984 Residential Energy Consumption Survey.

**Table R13A.84p. Space Heating Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1984**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.9	NF	0.7	NF	1.1	NF	1.7	NF	2.0	
All Buildings	65,112	5,747	20,128	917	38,204	3,509	8,815	1,006	5,914	101	5,023	213	4.7
Census Region													
Northeast	12,798	1,582	2,416	137	5,512	647	5,532	751	1,666	36	243	11	9.1
Midwest	16,662	1,999	3,105	195	12,497	1,571	1,260	116	1,203	10	1,654	107	8.9
South	23,837	1,324	10,235	361	11,687	730	1,520	102	2,842	54	2,611	76	9.4
West	11,816	842	4,371	224	8,509	561	503	37	203	1	514	19	11.7
Census Division													
New England	3,038	384	570	31	835	112	1,762	222	275	12	139	8	16.0
Middle Atlantic	9,759	1,198	1,846	106	4,677	535	3,770	529	1,391	24	Q	4	11.2
East North Central	11,469	1,441	2,106	147	8,555	1,139	971	86	933	9	940	60	12.1
West North Central	5,192	558	999	48	3,942	432	288	30	270	1	714	47	16.5
South Atlantic	12,051	656	5,363	154	4,148	323	1,471	98	2,251	46	1,472	35	14.7
East South Central	4,584	302	2,529	132	2,011	145	Q	Q	462	7	452	15	15.3
West South Central	7,202	365	2,344	76	5,528	263	*	*	128	Q	688	26	19.4
Mountain	3,575	301	995	45	2,607	233	Q	Q	99	Q	254	10	21.4
Pacific	8,241	541	3,376	179	5,902	328	356	25	104	Q	261	9	12.9
Type of Home													
Mobile Home	5,004	245	1,885	77	1,483	84	278	15	921	21	1,359	48	17.5
Single-Family													
Detached	51,303	3,881	16,046	581	30,810	2,435	7,172	640	4,680	68	3,578	157	5.5
Single-Family													
Attached	4,016	314	1,071	61	2,574	179	652	66	167	Q	65	6	22.8
2 to 4 Units	3,627	652	726	64	2,652	455	568	125	125	7	17	Q	14.5
5 or More Units	1,162	654	399	135	685	356	146	160	20	Q	Q	Q	15.9
Building Floorspace (square feet)													
Fewer than 1,001	10,119	512	2,945	88	5,054	277	648	45	1,470	35	1,884	67	12.4
1,001 to 2,000	25,823	1,663	8,700	295	15,135	1,016	2,635	220	2,239	41	2,180	92	8.1
2,001 to 5,000	27,145	2,791	7,859	398	16,770	1,767	5,139	553	2,131	24	872	50	6.4
5,001 to 10,000	1,714	439	522	63	1,073	288	339	83	Q	Q	88	Q	18.7
10,001 to 25,000	257	173	76	34	149	102	43	36	Q	Q	*	*	31.6
25,001 to 50,000	33	69	19	22	14	33	4	13	*	*	*	*	45.1
50,001 to 100,000	17	60	7	10	7	20	5	30	*	*	*	*	46.8
100,001 to 200,000	3	30	Q	Q	Q	Q	2	18	*	*	*	*	35.2
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before	18,956	2,167	4,102	117	12,034	1,406	3,993	530	1,656	42	1,519	72	8.4
1940 to 1949	5,606	456	1,518	43	3,765	289	901	105	464	8	257	10	15.5
1950 to 1959	10,772	800	2,898	77	7,304	543	1,739	152	948	8	541	20	11.4
1960 to 1969	11,718	891	3,613	166	7,438	552	962	114	1,082	21	921	37	11.5
1970 to 1979	14,553	1,214	6,286	442	6,298	611	1,012	83	1,520	19	1,480	58	10.9
1980 to 1984	3,507	219	1,711	72	1,364	107	208	22	244	2	Q	Q	21.7

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 1984 Residential Energy Consumption Survey.

**Table R13A.84s. Space Heating Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1984**

Building Characteristics	Energy Sources												RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.9	NF	0.7	NF	1.2	NF	1.7	NF	2.0	NF	
All Buildings	65,112	5,129	20,128	300	38,204	3,509	8,815	1,006	5,914	101	5,023	213	4.7
Census Region													
Northeast	12,798	1,490	2,416	45	5,512	647	5,532	751	1,666	36	243	11	9.1
Midwest	16,662	1,868	3,105	64	12,497	1,571	1,260	116	1,203	10	1,654	107	8.9
South	23,837	1,080	10,235	118	11,687	730	1,520	102	2,842	54	2,611	76	9.4
West	11,816	691	4,371	73	8,509	561	503	37	203	1	514	19	11.7
Census Division													
New England	3,038	363	570	10	835	112	1,762	222	275	12	139	8	16.0
Middle Atlantic	9,759	1,127	1,846	35	4,677	535	3,770	529	1,391	24	Q	4	11.2
East North Central	11,469	1,342	2,106	48	8,555	1,139	971	86	933	9	940	60	12.1
West North Central	5,192	526	999	16	3,942	432	288	30	270	1	714	47	16.5
South Atlantic	12,051	553	5,363	50	4,148	323	1,471	98	2,251	46	1,472	35	14.7
East South Central	4,584	214	2,529	43	2,011	145	Q	Q	462	7	452	15	15.3
West South Central	7,202	314	2,344	25	5,528	263	*	*	128	Q	688	26	19.4
Mountain	3,575	270	995	15	2,607	233	Q	Q	99	Q	254	10	21.4
Pacific	8,241	421	3,376	58	5,902	328	356	25	104	Q	261	9	12.9
Type of Home													
Mobile Home	5,004	194	1,885	25	1,483	84	278	15	921	21	1,359	48	17.5
Single-Family													
Detached	51,303	3,489	16,046	190	30,810	2,435	7,172	640	4,680	68	3,578	157	5.5
Single-Family													
Attached	4,016	274	1,071	20	2,574	179	652	66	167	Q	65	6	22.8
2 to 4 Units	3,627	609	726	21	2,652	455	568	125	125	7	17	Q	14.5
5 or More Units	1,162	563	399	44	685	356	146	160	20	Q	Q	Q	15.9
Building Floorspace (square feet)													
Fewer than 1,001	10,119	453	2,945	29	5,054	277	648	45	1,470	35	1,884	67	12.4
1,001 to 2,000	25,823	1,465	8,700	96	15,135	1,016	2,635	220	2,239	41	2,180	92	8.1
2,001 to 5,000	27,145	2,523	7,859	130	16,770	1,767	5,139	553	2,131	24	872	50	6.4
5,001 to 10,000	1,714	397	522	21	1,073	288	339	83	Q	Q	88	Q	18.7
10,001 to 25,000	257	150	76	11	149	102	43	36	Q	Q	*	*	31.6
25,001 to 50,000	33	54	19	7	14	33	4	13	*	*	*	*	45.1
50,001 to 100,000	17	53	7	3	7	20	5	30	*	*	*	*	46.8
100,001 to 200,000	3	25	Q	Q	Q	Q	2	18	*	*	*	*	35.2
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before	18,956	2,088	4,102	38	12,034	1,406	3,993	530	1,656	42	1,519	72	8.4
1940 to 1949	5,606	427	1,518	14	3,765	289	901	105	464	8	257	10	15.5
1950 to 1959	10,772	748	2,898	25	7,304	543	1,739	152	948	8	541	20	11.4
1960 to 1969	11,718	779	3,613	54	7,438	552	962	114	1,082	21	921	37	11.5
1970 to 1979	14,553	916	6,286	145	6,298	611	1,012	83	1,520	19	1,480	58	10.9
1980 to 1984	3,507	170	1,711	24	1,364	107	208	22	244	2	Q	Q	21.7

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 1984 Residential Energy Consumption Survey.

**Table R13B.84p. Space Heating Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1984**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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)	
	0.4	NF	0.9	NF	0.7	NF	1.1	NF	1.7	NF	2.0	NF	
All Buildings	140,474	5,747	42,619	917	83,989	3,509	23,240	1,006	11,009	101	7,422	213	4.4
Census Region													
Northeast	34,481	1,582	6,801	137	14,569	647	16,238	751	3,662	36	524	11	9.4
Midwest	38,326	1,999	7,303	195	29,758	1,571	2,839	116	2,446	10	3,017	107	7.9
South	42,958	1,324	19,227	361	21,855	730	3,059	102	4,484	54	3,254	76	9.7
West	24,708	842	9,289	224	17,808	561	1,105	37	416	1	626	19	11.1
Census Division													
New England	8,819	384	1,921	31	2,588	112	5,285	222	560	12	274	8	17.1
Middle Atlantic	25,662	1,198	4,880	106	11,981	535	10,953	529	3,102	24	Q	4	10.7
East North Central	26,562	1,441	4,934	147	20,536	1,139	2,212	86	1,800	9	1,640	60	10.3
West North Central	11,764	558	2,369	48	9,222	432	628	30	646	1	1,377	47	15.6
South Atlantic	22,253	656	9,700	154	9,073	323	2,976	98	3,427	46	1,839	35	14.2
East South Central	8,679	302	5,102	132	3,807	145	Q	Q	795	7	561	15	16.2
West South Central	12,026	365	4,425	76	8,975	263	*	*	Q	Q	853	26	19.9
Mountain	6,774	301	1,912	45	5,133	233	Q	Q	208	Q	264	10	19.8
Pacific	17,935	541	7,376	179	12,675	328	769	25	208	Q	362	9	13.5
Type of Home													
Mobile Home	4,202	245	1,659	77	1,354	84	203	15	711	21	1,046	48	18.0
Single-Family Detached	106,213	3,881	32,790	581	63,486	2,435	17,887	640	9,457	68	6,189	157	5.5
Single-Family Attached	7,607	314	1,919	61	4,862	179	1,346	66	352	Q	138	6	27.5
2 to 4 Units	11,405	652	2,262	64	8,367	455	1,969	125	352	7	Q	Q	14.3
5 or More Units	11,047	654	3,989	135	5,921	356	1,836	160	136	Q	Q	Q	15.9
Building Floorspace (square feet)													
Fewer than 1,001	7,823	512	2,263	88	4,056	277	504	45	1,124	35	1,336	67	12.5
1,001 to 2,000	38,585	1,663	12,899	295	22,728	1,016	4,070	220	3,284	41	3,117	92	8.4
2,001 to 5,000	76,634	2,791	21,917	398	47,264	1,767	14,999	553	6,115	24	2,388	50	6.4
5,001 to 10,000	11,025	439	3,260	63	6,850	288	2,177	83	Q	Q	Q	Q	18.4
10,001 to 25,000	3,478	173	1,071	34	1,992	102	575	36	Q	Q	*	*	28.9
25,001 to 50,000	1,112	69	610	22	484	33	148	13	*	*	*	*	41.7
50,001 to 100,000	1,169	60	461	10	448	20	368	30	*	*	*	*	48.4
100,001 to 200,000	475	30	Q	Q	Q	Q	260	18	*	*	*	*	40.4
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before	42,986	2,167	8,823	117	26,893	1,406	11,017	530	3,529	42	2,698	72	8.7
1940 to 1949	10,865	456	2,992	43	7,222	289	2,088	105	887	8	338	10	16.1
1950 to 1959	20,991	800	5,628	77	13,988	543	4,404	152	1,729	8	734	20	12.4
1960 to 1969	24,950	891	7,541	166	16,208	552	2,829	114	1,840	21	1,542	37	11.8
1970 to 1979	33,067	1,214	14,008	442	16,384	611	2,402	83	2,628	19	1,681	58	11.8
1980 to 1984	7,614	219	3,627	72	3,294	107	499	22	396	2	Q	Q	24.0

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 1984 Residential Energy Consumption Survey.

**Table R13B.84s. Space Heating Site Consumption and Floorspace by Energy Source in Residential Buildings, 1984**

Building Characteristics	Energy Sources												RSE Row Fac tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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)	
	0.4	NF	0.9	NF	0.7	NF	1.1	NF	1.7	NF	2.0	NF	
RSE Column Factors:	0.4	NF	0.9	NF	0.7	NF	1.1	NF	1.7	NF	2.0	NF	
All Buildings . . . . .	140,474	5,129	42,619	300	83,989	3,509	23,240	1,006	11,009	101	7,422	213	4.4
Census Region													
Northeast . . . . .	34,481	1,490	6,801	45	14,569	647	16,238	751	3,662	36	524	11	9.4
Midwest . . . . .	38,326	1,868	7,303	64	29,758	1,571	2,839	116	2,446	10	3,017	107	7.9
South . . . . .	42,958	1,080	19,227	118	21,855	730	3,059	102	4,484	54	3,254	76	9.7
West . . . . .	24,708	691	9,289	73	17,808	561	1,105	37	416	1	626	19	11.1
Census Division													
New England . . . . .	8,819	363	1,921	10	2,588	112	5,285	222	560	12	274	8	17.1
Middle Atlantic . . . . .	25,662	1,127	4,880	35	11,981	535	10,953	529	3,102	24	Q	4	10.7
East North Central . . . . .	26,562	1,342	4,934	48	20,536	1,139	2,212	86	1,800	9	1,640	60	10.3
West North Central . . . . .	11,764	526	2,369	16	9,222	432	628	30	646	1	1,377	47	15.6
South Atlantic . . . . .	22,253	553	9,700	50	9,073	323	2,976	98	3,427	46	1,839	35	14.2
East South Central . . . . .	8,679	214	5,102	43	3,807	145	Q	Q	795	7	561	15	16.2
West South Central . . . . .	12,026	314	4,425	25	8,975	263	*	*	Q	Q	853	26	19.9
Mountain . . . . .	6,774	270	1,912	15	5,133	233	Q	Q	208	Q	264	10	19.8
Pacific . . . . .	17,935	421	7,376	58	12,675	328	769	25	208	Q	362	9	13.5
Type of Home													
Mobile Home . . . . .	4,202	194	1,659	25	1,354	84	203	15	711	21	1,046	48	18.0
Single-Family Detached . . . . .	106,213	3,489	32,790	190	63,486	2,435	17,887	640	9,457	68	6,189	157	5.5
Single-Family Attached . . . . .	7,607	274	1,919	20	4,862	179	1,346	66	352	Q	138	6	27.5
2 to 4 Units . . . . .	11,405	609	2,262	21	8,367	455	1,969	125	352	7	Q	Q	14.3
5 or More Units . . . . .	11,047	563	3,989	44	5,921	356	1,836	160	136	Q	Q	Q	15.9
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	7,823	453	2,263	29	4,056	277	504	45	1,124	35	1,336	67	12.5
1,001 to 2,000 . . . . .	38,585	1,465	12,899	96	22,728	1,016	4,070	220	3,284	41	3,117	92	8.4
2,001 to 5,000 . . . . .	76,634	2,523	21,917	130	47,264	1,767	14,999	553	6,115	24	2,388	50	6.4
5,001 to 10,000 . . . . .	11,025	397	3,260	21	6,850	288	2,177	83	Q	Q	Q	Q	18.4
10,001 to 25,000 . . . . .	3,478	150	1,071	11	1,992	102	575	36	Q	Q	*	*	28.9
25,001 to 50,000 . . . . .	1,112	54	610	7	484	33	148	13	*	*	*	*	41.7
50,001 to 100,000 . . . . .	1,169	53	461	3	448	20	368	30	*	*	*	*	48.4
100,001 to 200,000 . . . . .	475	25	Q	Q	Q	Q	260	18	*	*	*	*	40.4
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed													
1939 or Before . . . . .	42,986	2,088	8,823	38	26,893	1,406	11,017	530	3,529	42	2,698	72	8.7
1940 to 1949 . . . . .	10,865	427	2,992	14	7,222	289	2,088	105	887	8	338	10	16.1
1950 to 1959 . . . . .	20,991	748	5,628	25	13,988	543	4,404	152	1,729	8	734	20	12.4
1960 to 1969 . . . . .	24,950	779	7,541	54	16,208	552	2,829	114	1,840	21	1,542	37	11.8
1970 to 1979 . . . . .	33,067	916	14,008	145	16,384	611	2,402	83	2,628	19	1,681	58	11.8
1980 to 1984 . . . . .	7,614	170	3,627	24	3,294	107	499	22	396	2	Q	Q	24.0

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 1984 Residential Energy Consumption Survey.



**Table R14A.84p. Air Conditioning and Appliances Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1984**

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)	
	0.9	NF	0.6	NF	0.6	NF	1.0	NF	2.7	NF	
RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.0	NF	2.7	NF	
All Buildings . . . . .	39,983	1,015	67,576	5,068	67,516	4,676	29,256	347	5,809	45	2.7
Census Region											
Northeast . . . . .	6,736	87	13,004	985	13,004	890	6,241	85	1,137	9	5.6
Midwest . . . . .	9,952	171	17,059	1,237	17,059	1,135	8,507	92	1,302	10	5.4
South . . . . .	18,721	659	25,054	1,822	25,047	1,709	8,619	93	2,654	19	4.7
West . . . . .	4,573	98	12,459	1,024	12,406	941	5,888	76	717	7	6.5
Census Division											
New England . . . . .	1,310	12	3,129	234	3,129	218	1,008	13	409	3	10.8
Middle Atlantic . . . . .	5,426	75	9,875	750	9,875	672	5,233	72	728	6	8.7
East North Central . . . . .	5,992	85	11,731	838	11,731	762	6,188	71	805	6	8.4
West North Central . . . . .	3,960	86	5,327	399	5,327	373	2,319	22	497	4	9.9
South Atlantic . . . . .	8,982	259	12,808	865	12,801	817	3,015	36	1,687	12	8.9
East South Central . . . . .	3,961	129	4,920	378	4,920	365	1,112	11	233	2	11.2
West South Central . . . . .	5,778	272	7,327	578	7,327	527	4,493	45	734	5	10.6
Mountain . . . . .	1,609	36	3,669	266	3,648	254	1,272	11	182	1	14.8
Pacific . . . . .	2,965	62	8,790	758	8,758	688	4,617	64	535	6	7.8
Type of Home											
Mobile Home . . . . .	3,196	47	5,135	265	5,135	244	1,381	10	1,819	10	13.0
Single-Family											
Detached . . . . .	31,858	707	53,523	3,754	53,463	3,492	22,442	228	3,928	33	3.5
Single-Family											
Attached . . . . .	2,517	48	4,060	220	4,060	198	2,419	21	Q	Q	20.9
2 to 4 Units . . . . .	1,646	51	3,689	415	3,689	364	2,492	50	Q	Q	9.8
5 or More Units . . . . .	766	161	1,168	414	1,168	378	521	37	Q	Q	9.9
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	5,680	86	10,931	526	10,904	472	4,334	38	2,470	16	8.3
1,001 to 2,000 . . . . .	16,188	352	26,819	1,761	26,809	1,628	11,384	117	1,998	16	5.1
2,001 to 5,000 . . . . .	16,686	415	27,769	2,272	27,747	2,110	12,557	149	1,228	12	4.7
5,001 to 10,000 . . . . .	1,211	85	1,742	294	1,742	272	835	22	113	Q	13.6
10,001 to 25,000 . . . . .	178	46	260	114	260	105	122	10	*	*	22.3
25,001 to 50,000 . . . . .	23	11	33	40	33	38	11	3	*	*	41.6
50,001 to 100,000 . . . . .	13	13	17	38	17	34	10	3	*	*	35.4
100,001 to 200,000 . . . . .	2	4	3	15	3	12	2	3	*	*	38.1
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before . . . . .	8,728	132	19,714	1,358	19,698	1,212	11,326	134	1,615	12	7.3
1940 to 1949 . . . . .	3,334	69	5,848	383	5,830	348	2,786	32	203	Q	10.7
1950 to 1959 . . . . .	6,830	147	11,111	774	11,111	711	4,967	58	677	5	7.8
1960 to 1969 . . . . .	8,425	249	12,263	1,004	12,263	927	5,511	68	1,308	9	7.8
1970 to 1979 . . . . .	10,533	349	15,021	1,265	15,011	1,203	4,018	49	1,625	13	8.3
1980 to 1984 . . . . .	2,132	69	3,618	285	3,602	275	647	6	381	Q	16.8

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 1984 Residential Energy Consumption Survey.

**Table R14A.84s. Air Conditioning and Appliances Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1984**

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)	
	1.0	NF	0.6	NF	0.6	NF	1.0	NF	2.7	NF	
RSE Column Factors:	1.0	NF	0.6	NF	0.6	NF	1.0	NF	2.7	NF	
All Buildings . . . . .	39,983	332	67,576	1,920	67,516	1,528	29,256	347	5,809	45	2.7
Census Region											
Northeast . . . . .	6,736	28	13,004	385	13,004	291	6,241	85	1,137	9	5.6
Midwest . . . . .	9,952	56	17,059	473	17,059	371	8,507	92	1,302	10	5.4
South . . . . .	18,721	216	25,054	671	25,047	559	8,619	93	2,654	19	4.7
West . . . . .	4,573	32	12,459	391	12,406	308	5,888	76	717	7	6.5
Census Division											
New England . . . . .	1,310	4	3,129	87	3,129	71	1,008	13	409	3	10.8
Middle Atlantic . . . . .	5,426	25	9,875	298	9,875	220	5,233	72	728	6	8.7
East North Central . . . . .	5,992	28	11,731	326	11,731	249	6,188	71	805	6	8.4
West North Central . . . . .	3,960	28	5,327	148	5,327	122	2,319	22	497	4	9.9
South Atlantic . . . . .	8,982	84	12,808	315	12,801	267	3,015	36	1,687	12	8.9
East South Central . . . . .	3,961	42	4,920	133	4,920	119	1,112	11	233	2	11.2
West South Central . . . . .	5,778	89	7,327	223	7,327	172	4,493	45	734	5	10.6
Mountain . . . . .	1,609	12	3,669	95	3,648	83	1,272	11	182	1	14.8
Pacific . . . . .	2,965	20	8,790	295	8,758	225	4,617	64	535	6	7.8
Type of Home											
Mobile Home . . . . .	3,196	15	5,135	101	5,135	80	1,381	10	1,819	10	13.0
Single-Family											
Detached . . . . .	31,858	231	53,523	1,403	53,463	1,141	22,442	228	3,928	33	3.5
Single-Family											
Attached . . . . .	2,517	16	4,060	86	4,060	65	2,419	21	Q	Q	20.9
2 to 4 Units . . . . .	1,646	17	3,689	170	3,689	119	2,492	50	Q	Q	9.8
5 or More Units . . . . .	766	53	1,168	160	1,168	123	521	37	Q	Q	9.9
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	5,680	28	10,931	208	10,904	154	4,334	38	2,470	16	8.3
1,001 to 2,000 . . . . .	16,188	115	26,819	665	26,809	532	11,384	117	1,998	16	5.1
2,001 to 5,000 . . . . .	16,686	136	27,769	851	27,747	689	12,557	149	1,228	12	4.7
5,001 to 10,000 . . . . .	1,211	28	1,742	112	1,742	89	835	22	113	Q	13.6
10,001 to 25,000 . . . . .	178	15	260	44	260	34	122	10	*	*	22.3
25,001 to 50,000 . . . . .	23	4	33	15	33	12	11	3	*	*	41.6
50,001 to 100,000 . . . . .	13	4	17	15	17	11	10	3	*	*	35.4
100,001 to 200,000 . . . . .	2	1	3	7	3	4	2	3	*	*	38.1
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before . . . . .	8,728	43	19,714	542	19,698	396	11,326	134	1,615	12	7.3
1940 to 1949 . . . . .	3,334	23	5,848	149	5,830	114	2,786	32	203	Q	10.7
1950 to 1959 . . . . .	6,830	48	11,111	295	11,111	232	4,967	58	677	5	7.8
1960 to 1969 . . . . .	8,425	81	12,263	380	12,263	303	5,511	68	1,308	9	7.8
1970 to 1979 . . . . .	10,533	114	15,021	455	15,011	393	4,018	49	1,625	13	8.3
1980 to 1984 . . . . .	2,132	22	3,618	99	3,602	90	647	6	381	Q	16.8

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 1984 Residential Energy Consumption Survey.

**Table R14B.84p. Air Conditioning and Appliances Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1984**

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)	
	0.9	NF	0.6	NF	0.6	NF	1.0	NF	2.8	NF	
All Buildings	88,080	1,015	144,357	5,068	144,274	4,676	64,663	347	8,797	45	2.9
Census Region											
Northeast	18,851	87	35,016	985	35,016	890	17,489	85	2,513	9	5.5
Midwest	24,138	171	39,143	1,237	39,143	1,135	19,562	92	2,212	10	5.3
South	35,108	659	44,520	1,822	44,498	1,709	15,938	93	3,225	19	5.3
West	9,983	98	25,678	1,024	25,617	941	11,674	76	847	7	6.1
Census Division											
New England	4,017	12	9,001	234	9,001	218	3,162	13	869	3	12.4
Middle Atlantic	14,834	75	26,015	750	26,015	672	14,328	72	1,644	6	8.2
East North Central	14,859	85	27,111	838	27,111	762	14,274	71	1,280	6	7.6
West North Central	9,279	86	12,032	399	12,032	373	5,288	22	932	4	9.8
South Atlantic	17,214	259	23,327	865	23,305	817	6,865	36	2,057	12	8.6
East South Central	7,776	129	9,020	378	9,020	365	2,012	11	250	2	11.0
West South Central	10,118	272	12,172	578	12,172	527	7,061	45	918	5	12.4
Mountain	2,780	36	6,983	266	6,967	254	2,166	11	150	1	14.0
Pacific	7,203	62	18,695	758	18,650	688	9,508	64	697	6	8.1
Type of Home											
Mobile Home	2,739	47	4,296	265	4,296	244	1,286	10	1,330	10	13.4
Single-Family Detached	67,056	707	109,685	3,754	109,603	3,492	45,834	228	7,277	33	4.0
Single-Family Attached	5,008	48	7,673	220	7,673	198	4,578	21	Q	Q	23.2
2 to 4 Units	5,567	51	11,608	415	11,608	364	7,857	50	Q	Q	10.0
5 or More Units	7,710	161	11,094	414	11,094	378	5,108	37	Q	Q	10.1
Building Floorspace (square feet)											
Fewer than 1,001	4,446	86	8,408	526	8,399	472	3,457	38	1,691	16	8.5
1,001 to 2,000	24,188	352	39,886	1,761	39,873	1,628	17,050	117	2,812	16	5.5
2,001 to 5,000	47,044	415	78,435	2,272	78,376	2,110	35,601	149	3,510	12	4.8
5,001 to 10,000	7,806	85	11,184	294	11,184	272	5,355	22	784	Q	13.2
10,001 to 25,000	2,449	46	3,515	114	3,515	105	1,702	10	*	*	19.8
25,001 to 50,000	795	11	1,112	40	1,112	38	343	3	*	*	39.8
50,001 to 100,000	878	13	1,169	38	1,169	34	679	3	*	*	37.1
100,001 to 200,000	334	4	475	15	475	12	304	3	*	*	40.0
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before	20,075	132	44,364	1,358	44,327	1,212	26,192	134	2,961	12	7.5
1940 to 1949	6,734	69	11,181	383	11,157	348	5,446	32	401	Q	12.1
1950 to 1959	13,477	147	21,415	774	21,415	711	9,570	58	1,093	5	8.9
1960 to 1969	17,898	249	25,682	1,004	25,682	927	12,190	68	1,929	9	8.4
1970 to 1979	25,111	349	33,959	1,265	33,945	1,203	9,924	49	1,804	13	8.2
1980 to 1984	4,784	69	7,755	285	7,748	275	1,341	6	609	Q	17.5

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 1984 Residential Energy Consumption Survey.

**Table R14B.84s. Air Conditioning and Appliances Site Consumption and Floorspace by Energy Source in Residential Buildings, 1984**

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)	
	0.9	NF	0.6	NF	0.6	NF	1.0	NF	2.8	NF	
RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.0	NF	2.8	NF	
All Buildings . . . . .	88,080	332	144,357	1,920	144,274	1,528	64,663	347	8,797	45	2.9
Census Region											
Northeast . . . . .	18,851	28	35,016	385	35,016	291	17,489	85	2,513	9	5.5
Midwest . . . . .	24,138	56	39,143	473	39,143	371	19,562	92	2,212	10	5.3
South . . . . .	35,108	216	44,520	671	44,498	559	15,938	93	3,225	19	5.3
West . . . . .	9,983	32	25,678	391	25,617	308	11,674	76	847	7	6.1
Census Division											
New England . . . . .	4,017	4	9,001	87	9,001	71	3,162	13	869	3	12.4
Middle Atlantic . . . . .	14,834	25	26,015	298	26,015	220	14,328	72	1,644	6	8.2
East North Central . . . . .	14,859	28	27,111	326	27,111	249	14,274	71	1,280	6	7.6
West North Central . . . . .	9,279	28	12,032	148	12,032	122	5,288	22	932	4	9.8
South Atlantic . . . . .	17,214	84	23,327	315	23,305	267	6,865	36	2,057	12	8.6
East South Central . . . . .	7,776	42	9,020	133	9,020	119	2,012	11	250	2	11.0
West South Central . . . . .	10,118	89	12,172	223	12,172	172	7,061	45	918	5	12.4
Mountain . . . . .	2,780	12	6,983	95	6,967	83	2,166	11	150	1	14.0
Pacific . . . . .	7,203	20	18,695	295	18,650	225	9,508	64	697	6	8.1
Type of Home											
Mobile Home . . . . .	2,739	15	4,296	101	4,296	80	1,286	10	1,330	10	13.4
Single-Family Detached . . . . .	67,056	231	109,685	1,403	109,603	1,141	45,834	228	7,277	33	4.0
Single-Family Attached . . . . .	5,008	16	7,673	86	7,673	65	4,578	21	Q	Q	23.2
2 to 4 Units . . . . .	5,567	17	11,608	170	11,608	119	7,857	50	Q	Q	10.0
5 or More Units . . . . .	7,710	53	11,094	160	11,094	123	5,108	37	Q	Q	10.1
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	4,446	28	8,408	208	8,399	154	3,457	38	1,691	16	8.5
1,001 to 2,000 . . . . .	24,188	115	39,886	665	39,873	532	17,050	117	2,812	16	5.5
2,001 to 5,000 . . . . .	47,044	136	78,435	851	78,376	689	35,601	149	3,510	12	4.8
5,001 to 10,000 . . . . .	7,806	28	11,184	112	11,184	89	5,355	22	784	Q	13.2
10,001 to 25,000 . . . . .	2,449	15	3,515	44	3,515	34	1,702	10	*	*	19.8
25,001 to 50,000 . . . . .	795	4	1,112	15	1,112	12	343	3	*	*	39.8
50,001 to 100,000 . . . . .	878	4	1,169	15	1,169	11	679	3	*	*	37.1
100,001 to 200,000 . . . . .	334	1	475	7	475	4	304	3	*	*	40.0
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before . . . . .	20,075	43	44,364	542	44,327	396	26,192	134	2,961	12	7.5
1940 to 1949 . . . . .	6,734	23	11,181	149	11,157	114	5,446	32	401	Q	12.1
1950 to 1959 . . . . .	13,477	48	21,415	295	21,415	232	9,570	58	1,093	5	8.9
1960 to 1969 . . . . .	17,898	81	25,682	380	25,682	303	12,190	68	1,929	9	8.4
1970 to 1979 . . . . .	25,111	114	33,959	455	33,945	393	9,924	49	1,804	13	8.2
1980 to 1984 . . . . .	4,784	22	7,755	99	7,748	90	1,341	6	609	Q	17.5

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 1984 Residential Energy Consumption Survey.

**Table R15A.84p. Total Primary Consumption and Number of Buildings by End Use in Residential Buildings, 1984**

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	0.8	0.9	NF	0.9	NF	1.5	NF	0.9	NF	
All Buildings . . . . .		67,576	14,154	65,112	5,747	66,813	2,292	40,343	1,047	67,576	5,068	1.4
Census Region												
Northeast . . . . .		13,004	3,133	12,798	1,582	12,913	480	6,736	87	13,004	985	2.6
Midwest . . . . .		17,059	3,920	16,662	1,999	16,963	512	9,999	171	17,059	1,237	3.0
South . . . . .		25,054	4,688	23,837	1,324	24,577	855	18,997	688	25,054	1,822	2.8
West . . . . .		12,459	2,413	11,816	842	12,360	445	4,611	101	12,459	1,024	3.4
Census Division												
New England . . . . .		3,129	744	3,038	384	3,129	114	1,310	12	3,129	234	7.5
Middle Atlantic . . . . .		9,875	2,389	9,759	1,198	9,784	366	5,426	75	9,875	750	4.7
East North Central . . . . .		11,731	2,725	11,469	1,441	11,636	361	6,019	85	11,731	838	4.6
West North Central . . . . .		5,327	1,195	5,192	558	5,327	152	3,980	86	5,327	399	8.6
South Atlantic . . . . .		12,808	2,209	12,051	656	12,486	425	9,050	262	12,808	865	5.6
East South Central . . . . .		4,920	1,000	4,584	302	4,873	191	3,961	129	4,920	378	7.5
West South Central . . . . .		7,327	1,479	7,202	365	7,218	239	5,986	297	7,327	578	7.9
Mountain . . . . .		3,669	716	3,575	301	3,653	111	1,647	39	3,669	266	9.0
Pacific . . . . .		8,790	1,696	8,241	541	8,707	334	2,965	62	8,790	758	4.5
Type of Home												
Mobile Home . . . . .		5,135	692	5,004	245	5,093	135	3,196	47	5,135	265	10.1
Single-Family												
Detached . . . . .		53,523	9,977	51,303	3,881	52,841	1,607	32,184	735	53,523	3,754	2.2
Single-Family												
Attached . . . . .		4,060	687	4,016	314	4,046	104	2,517	48	4,060	220	15.1
2 to 4 Units . . . . .		3,689	1,321	3,627	652	3,668	203	1,658	52	3,689	415	7.0
5 or More Units . . . . .		1,168	1,478	1,162	654	1,165	243	788	166	1,168	414	6.8
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		10,931	1,389	10,119	512	10,671	264	5,691	86	10,931	526	6.7
1,001 to 2,000 . . . . .		26,819	4,592	25,823	1,663	26,595	803	16,296	364	26,819	1,761	3.3
2,001 to 5,000 . . . . .		27,769	6,459	27,145	2,791	27,498	964	16,908	432	27,769	2,272	2.9
5,001 to 10,000 . . . . .		1,742	955	1,714	439	1,733	134	1,221	87	1,742	294	9.2
10,001 to 25,000 . . . . .		260	397	257	173	260	62	188	48	260	114	14.9
25,001 to 50,000 . . . . .		33	145	33	69	33	25	23	11	33	40	29.3
50,001 to 100,000 . . . . .		17	133	17	60	17	23	13	13	17	38	26.3
100,001 to 200,000 . . . . .		3	61	3	30	3	12	2	4	3	15	25.7
Over 200,000 . . . . .		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed												
1939 or Before . . . . .		19,714	4,268	18,956	2,167	19,388	609	8,756	134	19,714	1,358	5.0
1940 to 1949 . . . . .		5,848	1,099	5,606	456	5,810	182	3,412	78	5,848	383	7.7
1950 to 1959 . . . . .		11,111	2,061	10,772	800	10,962	341	6,830	147	11,111	774	5.8
1960 to 1969 . . . . .		12,263	2,590	11,718	891	12,153	430	8,597	266	12,263	1,004	5.6
1970 to 1979 . . . . .		15,021	3,426	14,553	1,214	14,891	593	10,616	354	15,021	1,265	5.9
1980 to 1984 . . . . .		3,618	709	3,507	219	3,609	137	2,132	69	3,618	285	11.2

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 1984 Residential Energy Consumption Survey.

**Table R15A.84s. Total Site Consumption and Number of Buildings by End Use in Residential Buildings, 1984**

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	0.9	0.9	NF	0.9	NF	1.5	NF	0.9	
All Buildings . . . . .	67,576	9,038	65,112	5,129	66,813	1,625	40,343	364	67,576	1,920	1.4
Census Region											
Northeast . . . . .	13,004	2,292	12,798	1,490	12,913	388	6,736	28	13,004	385	2.6
Midwest . . . . .	17,059	2,797	16,662	1,868	16,963	400	9,999	56	17,059	473	3.0
South . . . . .	25,054	2,496	23,837	1,080	24,577	501	18,997	244	25,054	671	2.8
West . . . . .	12,459	1,453	11,816	691	12,360	336	4,611	35	12,459	391	3.4
Census Division											
New England . . . . .	3,129	545	3,038	363	3,129	90	1,310	4	3,129	87	7.5
Middle Atlantic . . . . .	9,875	1,747	9,759	1,127	9,784	298	5,426	25	9,875	298	4.7
East North Central . . . . .	11,731	1,973	11,469	1,342	11,636	277	6,019	28	11,731	326	4.6
West North Central . . . . .	5,327	825	5,192	526	5,327	123	3,980	28	5,327	148	8.6
South Atlantic . . . . .	12,808	1,180	12,051	553	12,486	224	9,050	88	12,808	315	5.6
East South Central . . . . .	4,920	477	4,584	214	4,873	89	3,961	42	4,920	133	7.5
West South Central . . . . .	7,327	839	7,202	314	7,218	188	5,986	114	7,327	223	7.9
Mountain . . . . .	3,669	466	3,575	270	3,653	86	1,647	15	3,669	95	9.0
Pacific . . . . .	8,790	986	8,241	421	8,707	249	2,965	20	8,790	295	4.5
Type of Home											
Mobile Home . . . . .	5,135	374	5,004	194	5,093	64	3,196	15	5,135	101	10.1
Single-Family											
Detached . . . . .	53,523	6,270	51,303	3,489	52,841	1,119	32,184	258	53,523	1,403	2.2
Single-Family											
Attached . . . . .	4,060	454	4,016	274	4,046	78	2,517	16	4,060	86	15.1
2 to 4 Units . . . . .	3,689	972	3,627	609	3,668	176	1,658	17	3,689	170	7.0
5 or More Units . . . . .	1,168	969	1,162	563	1,165	188	788	58	1,168	160	6.8
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	10,931	852	10,119	453	10,671	163	5,691	28	10,931	208	6.7
1,001 to 2,000 . . . . .	26,819	2,799	25,823	1,465	26,595	543	16,296	127	26,819	665	3.3
2,001 to 5,000 . . . . .	27,769	4,243	27,145	2,523	27,498	716	16,908	153	27,769	851	2.9
5,001 to 10,000 . . . . .	1,742	644	1,714	397	1,733	105	1,221	30	1,742	112	9.2
10,001 to 25,000 . . . . .	260	258	257	150	260	48	188	17	260	44	14.9
25,001 to 50,000 . . . . .	33	90	33	54	33	17	23	4	33	15	29.3
50,001 to 100,000 . . . . .	17	91	17	53	17	19	13	4	17	15	26.3
100,001 to 200,000 . . . . .	3	44	3	25	3	10	2	1	3	7	25.7
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before . . . . .	19,714	3,163	18,956	2,088	19,388	487	8,756	45	19,714	542	5.0
1940 to 1949 . . . . .	5,848	743	5,606	427	5,810	135	3,412	31	5,848	149	7.7
1950 to 1959 . . . . .	11,111	1,355	10,772	748	10,962	264	6,830	48	11,111	295	5.8
1960 to 1969 . . . . .	12,263	1,567	11,718	779	12,153	309	8,597	99	12,263	380	5.6
1970 to 1979 . . . . .	15,021	1,840	14,553	916	14,891	350	10,616	119	15,021	455	5.9
1980 to 1984 . . . . .	3,618	370	3,507	170	3,609	79	2,132	22	3,618	99	11.2

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 1984 Residential Energy Consumption Survey.

**Table R15B.84p. Total Primary Consumption and Floorspace by End Use in Residential Buildings, 1984**

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	0.9	NF	0.9	NF	1.5	NF	0.9	NF	
RSE Column Factors:	0.9	0.9	0.9	NF	0.9	NF	1.5	NF	0.9	NF	
All Buildings . . . . .	144,357	14,154	140,474	5,747	143,052	2,292	89,088	1,047	144,357	5,068	1.5
Census Region											
Northeast . . . . .	35,016	3,133	34,481	1,582	34,726	480	18,851	87	35,016	985	2.5
Midwest . . . . .	39,143	3,920	38,326	1,999	38,850	512	24,257	171	39,143	1,237	2.9
South . . . . .	44,520	4,688	42,958	1,324	43,984	855	35,733	688	44,520	1,822	3.3
West . . . . .	25,678	2,413	24,708	842	25,492	445	10,247	101	25,678	1,024	3.2
Census Division											
New England . . . . .	9,001	744	8,819	384	9,001	114	4,017	12	9,001	234	8.2
Middle Atlantic . . . . .	26,015	2,389	25,662	1,198	25,725	366	14,834	75	26,015	750	4.1
East North Central . . . . .	27,111	2,725	26,562	1,441	26,818	361	14,941	85	27,111	838	4.0
West North Central . . . . .	12,032	1,195	11,764	558	12,032	152	9,316	86	12,032	399	8.3
South Atlantic . . . . .	23,327	2,209	22,253	656	22,947	425	17,436	262	23,327	865	5.5
East South Central . . . . .	9,020	1,000	8,679	302	8,967	191	7,776	129	9,020	378	8.6
West South Central . . . . .	12,172	1,479	12,026	365	12,070	239	10,521	297	12,172	578	8.8
Mountain . . . . .	6,983	716	6,774	301	6,979	111	3,043	39	6,983	266	8.9
Pacific . . . . .	18,695	1,696	17,935	541	18,513	334	7,203	62	18,695	758	4.7
Type of Home											
Mobile Home . . . . .	4,296	692	4,202	245	4,268	135	2,739	47	4,296	265	10.2
Single-Family											
Detached . . . . .	109,685	9,977	106,213	3,881	108,545	1,607	67,816	735	109,685	3,754	2.5
Single-Family											
Attached . . . . .	7,673	687	7,607	314	7,648	104	5,008	48	7,673	220	16.6
2 to 4 Units . . . . .	11,608	1,321	11,405	652	11,524	203	5,604	52	11,608	415	7.3
5 or More Units . . . . .	11,094	1,478	11,047	654	11,067	243	7,921	166	11,094	414	7.0
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	8,408	1,389	7,823	512	8,230	264	4,456	86	8,408	526	6.8
1,001 to 2,000 . . . . .	39,886	4,592	38,585	1,663	39,593	803	24,346	364	39,886	1,761	3.5
2,001 to 5,000 . . . . .	78,435	6,459	76,634	2,791	77,662	964	47,688	432	78,435	2,272	2.9
5,001 to 10,000 . . . . .	11,184	955	11,025	439	11,124	134	7,869	87	11,184	294	8.9
10,001 to 25,000 . . . . .	3,515	397	3,478	173	3,515	62	2,582	48	3,515	114	13.5
25,001 to 50,000 . . . . .	1,112	145	1,112	69	1,112	25	795	11	1,112	40	28.5
50,001 to 100,000 . . . . .	1,169	133	1,169	60	1,169	23	878	13	1,169	38	27.0
100,001 to 200,000 . . . . .	475	61	475	30	475	12	334	4	475	15	26.7
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before . . . . .	44,364	4,268	42,986	2,167	43,740	609	20,108	134	44,364	1,358	5.0
1940 to 1949 . . . . .	11,181	1,099	10,865	456	11,161	182	6,875	78	11,181	383	8.1
1950 to 1959 . . . . .	21,415	2,061	20,991	800	21,236	341	13,477	147	21,415	774	6.4
1960 to 1969 . . . . .	25,682	2,590	24,950	891	25,450	430	18,429	266	25,682	1,004	5.9
1970 to 1979 . . . . .	33,959	3,426	33,067	1,214	33,717	593	25,414	354	33,959	1,265	5.9
1980 to 1984 . . . . .	7,755	709	7,614	219	7,748	137	4,784	69	7,755	285	11.6

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 1984 Residential Energy Consumption Survey.

**Table R15B.84s. Total Site Consumption and Floorspace by End Use in Residential Buildings, 1984**

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	0.9	NF	0.9	NF	1.5	NF	0.9	NF	
RSE Column Factors:	0.9	0.9	0.9	NF	0.9	NF	1.5	NF	0.9	NF	
All Buildings . . . . .	144,357	9,038	140,474	5,129	143,052	1,625	89,088	364	144,357	1,920	1.5
Census Region											
Northeast . . . . .	35,016	2,292	34,481	1,490	34,726	388	18,851	28	35,016	385	2.5
Midwest . . . . .	39,143	2,797	38,326	1,868	38,850	400	24,257	56	39,143	473	2.9
South . . . . .	44,520	2,496	42,958	1,080	43,984	501	35,733	244	44,520	671	3.3
West . . . . .	25,678	1,453	24,708	691	25,492	336	10,247	35	25,678	391	3.2
Census Division											
New England . . . . .	9,001	545	8,819	363	9,001	90	4,017	4	9,001	87	8.2
Middle Atlantic . . . . .	26,015	1,747	25,662	1,127	25,725	298	14,834	25	26,015	298	4.1
East North Central . . . . .	27,111	1,973	26,562	1,342	26,818	277	14,941	28	27,111	326	4.0
West North Central . . . . .	12,032	825	11,764	526	12,032	123	9,316	28	12,032	148	8.3
South Atlantic . . . . .	23,327	1,180	22,253	553	22,947	224	17,436	88	23,327	315	5.5
East South Central . . . . .	9,020	477	8,679	214	8,967	89	7,776	42	9,020	133	8.6
West South Central . . . . .	12,172	839	12,026	314	12,070	188	10,521	114	12,172	223	8.8
Mountain . . . . .	6,983	466	6,774	270	6,979	86	3,043	15	6,983	95	8.9
Pacific . . . . .	18,695	986	17,935	421	18,513	249	7,203	20	18,695	295	4.7
Type of Home											
Mobile Home . . . . .	4,296	374	4,202	194	4,268	64	2,739	15	4,296	101	10.2
Single-Family											
Detached . . . . .	109,685	6,270	106,213	3,489	108,545	1,119	67,816	258	109,685	1,403	2.5
Single-Family											
Attached . . . . .	7,673	454	7,607	274	7,648	78	5,008	16	7,673	86	16.6
2 to 4 Units . . . . .	11,608	972	11,405	609	11,524	176	5,604	17	11,608	170	7.3
5 or More Units . . . . .	11,094	969	11,047	563	11,067	188	7,921	58	11,094	160	7.0
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	8,408	852	7,823	453	8,230	163	4,456	28	8,408	208	6.8
1,001 to 2,000 . . . . .	39,886	2,799	38,585	1,465	39,593	543	24,346	127	39,886	665	3.5
2,001 to 5,000 . . . . .	78,435	4,243	76,634	2,523	77,662	716	47,688	153	78,435	851	2.9
5,001 to 10,000 . . . . .	11,184	644	11,025	397	11,124	105	7,869	30	11,184	112	8.9
10,001 to 25,000 . . . . .	3,515	258	3,478	150	3,515	48	2,582	17	3,515	44	13.5
25,001 to 50,000 . . . . .	1,112	90	1,112	54	1,112	17	795	4	1,112	15	28.5
50,001 to 100,000 . . . . .	1,169	91	1,169	53	1,169	19	878	4	1,169	15	27.0
100,001 to 200,000 . . . . .	475	44	475	25	475	10	334	1	475	7	26.7
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before . . . . .	44,364	3,163	42,986	2,088	43,740	487	20,108	45	44,364	542	5.0
1940 to 1949 . . . . .	11,181	743	10,865	427	11,161	135	6,875	31	11,181	149	8.1
1950 to 1959 . . . . .	21,415	1,355	20,991	748	21,236	264	13,477	48	21,415	295	6.4
1960 to 1969 . . . . .	25,682	1,567	24,950	779	25,450	309	18,429	99	25,682	380	5.9
1970 to 1979 . . . . .	33,959	1,840	33,067	916	33,717	350	25,414	119	33,959	455	5.9
1980 to 1984 . . . . .	7,755	370	7,614	170	7,748	79	4,784	22	7,755	99	11.6

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 1984 Residential Energy Consumption Survey.



**Table R16A.84p. Primary Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1984**

Building Characteristics		End Uses									RSE Row Factors	
		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	0.8	1.5	NF	1.5	NF	1.1	NF	0.7	NF	
All Buildings . . . . .		67,516	7,599	20,128	917	24,966	991	39,983	1,015	67,516	4,676	2.3
Census Region												
Northeast . . . . .		13,004	1,250	2,416	137	3,491	136	6,736	87	13,004	890	4.8
Midwest . . . . .		17,059	1,668	3,105	195	4,716	167	9,952	171	17,059	1,135	5.3
South . . . . .		25,047	3,255	10,235	361	13,183	525	18,721	659	25,047	1,709	3.7
West . . . . .		12,406	1,426	4,371	224	3,576	163	4,573	98	12,406	941	5.1
Census Division												
New England . . . . .		3,129	296	570	31	874	35	1,310	12	3,129	218	10.4
Middle Atlantic . . . . .		9,875	954	1,846	106	2,618	101	5,426	75	9,875	672	7.5
East North Central . . . . .		11,731	1,118	2,106	147	3,589	124	5,992	85	11,731	762	7.8
West North Central . . . . .		5,327	550	999	48	1,126	43	3,960	86	5,327	373	10.1
South Atlantic . . . . .		12,801	1,528	5,363	154	8,119	299	8,982	259	12,801	817	6.5
East South Central . . . . .		4,920	777	2,529	132	3,531	151	3,961	129	4,920	365	9.4
West South Central . . . . .		7,327	951	2,344	76	1,533	75	5,778	272	7,327	527	11.7
Mountain . . . . .		3,648	371	995	45	960	37	1,609	36	3,648	254	15.8
Pacific . . . . .		8,758	1,055	3,376	179	2,616	126	2,965	62	8,758	688	5.6
Type of Home												
Mobile Home . . . . .		5,135	473	1,885	77	3,366	105	3,196	47	5,135	244	11.6
Single-Family												
Detached . . . . .		53,463	5,506	16,046	581	19,620	725	31,858	707	53,463	3,492	3.0
Single-Family												
Attached . . . . .		4,060	346	1,071	61	1,128	39	2,517	48	4,060	198	19.5
2 to 4 Units . . . . .		3,689	519	726	64	529	40	1,646	51	3,689	364	8.8
5 or More Units . . . . .		1,168	756	399	135	323	82	766	161	1,168	378	9.3
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		10,904	797	2,945	88	5,230	151	5,680	86	10,904	472	8.1
1,001 to 2,000 . . . . .		26,809	2,663	8,700	295	10,569	387	16,188	352	26,809	1,628	4.4
2,001 to 5,000 . . . . .		27,747	3,292	7,859	398	8,615	369	16,686	415	27,747	2,110	3.8
5,001 to 10,000 . . . . .		1,742	462	522	63	464	43	1,211	85	1,742	272	12.5
10,001 to 25,000 . . . . .		260	206	76	34	64	21	178	46	260	105	17.1
25,001 to 50,000 . . . . .		33	82	19	22	Q	12	23	11	33	38	38.3
50,001 to 100,000 . . . . .		17	63	7	10	6	6	13	13	17	34	31.1
100,001 to 200,000 . . . . .		3	26	Q	Q	Q	Q	2	4	3	12	37.4
Over 200,000 . . . . .		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed												
1939 or Before . . . . .		19,698	1,641	4,102	117	5,120	181	8,728	132	19,698	1,212	6.3
1940 to 1949 . . . . .		5,830	530	1,518	43	2,190	70	3,334	69	5,830	348	9.2
1950 to 1959 . . . . .		11,111	1,049	2,898	77	3,312	114	6,830	147	11,111	711	6.7
1960 to 1969 . . . . .		12,263	1,520	3,613	166	4,396	179	8,425	249	12,263	927	6.5
1970 to 1979 . . . . .		15,011	2,356	6,286	442	7,977	361	10,533	349	15,011	1,203	6.8
1980 to 1984 . . . . .		3,602	503	1,711	72	1,970	87	2,132	69	3,602	275	12.3

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 1984 Residential Energy Consumption Survey.

**Table R16A.84s. Site Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1984**

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	0.8	1.5	NF	1.5	NF	1.1	NF	0.7	
All Buildings . . . . .	67,516	2,483	20,128	300	24,966	324	39,983	332	67,516	1,528	2.3
Census Region											
Northeast . . . . .		409	2,416	45	3,491	45	6,736	28	13,004	291	4.8
Midwest . . . . .	17,059	545	3,105	64	4,716	55	9,952	56	17,059	371	5.3
South . . . . .	25,047	1,064	10,235	118	13,183	172	18,721	216	25,047	559	3.7
West . . . . .	12,406	466	4,371	73	3,576	53	4,573	32	12,406	308	5.1
Census Division											
New England . . . . .	3,129	97	570	10	874	12	1,310	4	3,129	71	10.4
Middle Atlantic . . . . .	9,875	312	1,846	35	2,618	33	5,426	25	9,875	220	7.5
East North Central . . . . .	11,731	365	2,106	48	3,589	41	5,992	28	11,731	249	7.8
West North Central . . . . .	5,327	180	999	16	1,126	14	3,960	28	5,327	122	10.1
South Atlantic . . . . .	12,801	499	5,363	50	8,119	98	8,982	84	12,801	267	6.5
East South Central . . . . .	4,920	254	2,529	43	3,531	49	3,961	42	4,920	119	9.4
West South Central . . . . .	7,327	311	2,344	25	1,533	25	5,778	89	7,327	172	11.7
Mountain . . . . .	3,648	121	995	15	960	12	1,609	12	3,648	83	15.8
Pacific . . . . .	8,758	345	3,376	58	2,616	41	2,965	20	8,758	225	5.6
Type of Home											
Mobile Home . . . . .	5,135	155	1,885	25	3,366	34	3,196	15	5,135	80	11.6
Single-Family											
Detached . . . . .	53,463	1,799	16,046	190	19,620	237	31,858	231	53,463	1,141	3.0
Single-Family											
Attached . . . . .	4,060	113	1,071	20	1,128	13	2,517	16	4,060	65	19.5
2 to 4 Units . . . . .	3,689	170	726	21	529	13	1,646	17	3,689	119	8.8
5 or More Units . . . . .	1,168	247	399	44	323	27	766	53	1,168	123	9.3
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	10,904	261	2,945	29	5,230	49	5,680	28	10,904	154	8.1
1,001 to 2,000 . . . . .	26,809	870	8,700	96	10,569	127	16,188	115	26,809	532	4.4
2,001 to 5,000 . . . . .	27,747	1,076	7,859	130	8,615	121	16,686	136	27,747	689	3.8
5,001 to 10,000 . . . . .	1,742	151	522	21	464	14	1,211	28	1,742	89	12.5
10,001 to 25,000 . . . . .	260	67	76	11	64	7	178	15	260	34	17.1
25,001 to 50,000 . . . . .	33	27	19	7	Q	4	23	4	33	12	38.3
50,001 to 100,000 . . . . .	17	21	7	3	6	2	13	4	17	11	31.1
100,001 to 200,000 . . . . .	3	8	Q	Q	Q	Q	2	1	3	4	37.4
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before . . . . .	19,698	536	4,102	38	5,120	59	8,728	43	19,698	396	6.3
1940 to 1949 . . . . .	5,830	173	1,518	14	2,190	23	3,334	23	5,830	114	9.2
1950 to 1959 . . . . .	11,111	343	2,898	25	3,312	37	6,830	48	11,111	232	6.7
1960 to 1969 . . . . .	12,263	497	3,613	54	4,396	58	8,425	81	12,263	303	6.5
1970 to 1979 . . . . .	15,011	770	6,286	145	7,977	118	10,533	114	15,011	393	6.8
1980 to 1984 . . . . .	3,602	164	1,711	24	1,970	28	2,132	22	3,602	90	12.3

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 1984 Residential Energy Consumption Survey.

**Table R16B.84p. Primary Electricity Consumption and Floorspace by End Use in Residential Buildings, 1984**

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	1.5	NF	1.6	NF	1.1	NF	0.7	NF	
All Buildings . . . . .		144,274	7,599	42,619	917	48,443	991	88,080	1,015	144,274	4,676	2.3
Census Region												
Northeast . . . . .		35,016	1,250	6,801	137	8,140	136	18,851	87	35,016	890	4.9
Midwest . . . . .		39,143	1,668	7,303	195	9,811	167	24,138	171	39,143	1,135	5.5
South . . . . .		44,498	3,255	19,227	361	22,810	525	35,108	659	44,498	1,709	3.9
West . . . . .		25,617	1,426	9,289	224	7,681	163	9,983	98	25,617	941	5.0
Census Division												
New England . . . . .		9,001	296	1,921	31	2,272	35	4,017	12	9,001	218	11.1
Middle Atlantic . . . . .		26,015	954	4,880	106	5,868	101	14,834	75	26,015	672	7.1
East North Central . . . . .		27,111	1,118	4,934	147	7,458	124	14,859	85	27,111	762	7.5
West North Central . . . . .		12,032	550	2,369	48	2,353	43	9,279	86	12,032	373	10.1
South Atlantic . . . . .		23,305	1,528	9,700	154	13,534	299	17,214	259	23,305	817	6.4
East South Central . . . . .		9,020	777	5,102	132	6,338	151	7,776	129	9,020	365	10.0
West South Central . . . . .		12,172	951	4,425	76	2,939	75	10,118	272	12,172	527	11.9
Mountain . . . . .		6,967	371	1,912	45	1,800	37	2,780	36	6,967	254	15.2
Pacific . . . . .		18,650	1,055	7,376	179	5,881	126	7,203	62	18,650	688	6.2
Type of Home												
Mobile Home . . . . .		4,296	473	1,659	77	2,756	105	2,739	47	4,296	244	11.6
Single-Family												
Detached . . . . .		109,603	5,506	32,790	581	38,809	725	67,056	707	109,603	3,492	3.4
Single-Family												
Attached . . . . .		7,673	346	1,919	61	2,038	39	5,008	48	7,673	198	21.0
2 to 4 Units . . . . .		11,608	519	2,262	64	1,414	40	5,567	51	11,608	364	9.3
5 or More Units . . . . .		11,094	756	3,989	135	3,426	82	7,710	161	11,094	378	10.0
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		8,399	797	2,263	88	3,990	151	4,446	86	8,399	472	8.1
1,001 to 2,000 . . . . .		39,873	2,663	12,899	295	15,413	387	24,188	352	39,873	1,628	4.6
2,001 to 5,000 . . . . .		78,376	3,292	21,917	398	24,140	369	47,044	415	78,376	2,110	3.8
5,001 to 10,000 . . . . .		11,184	462	3,260	63	2,945	43	7,806	85	11,184	272	12.1
10,001 to 25,000 . . . . .		3,515	206	1,071	34	880	21	2,449	46	3,515	105	16.3
25,001 to 50,000 . . . . .		1,112	82	610	22	Q	12	795	11	1,112	38	37.7
50,001 to 100,000 . . . . .		1,169	63	461	10	418	6	878	13	1,169	34	31.0
100,001 to 200,000 . . . . .		475	26	Q	Q	Q	Q	334	4	475	12	38.8
Over 200,000 . . . . .		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed												
1939 or Before . . . . .		44,327	1,641	8,823	117	10,383	181	20,075	132	44,327	1,212	6.3
1940 to 1949 . . . . .		11,157	530	2,992	43	3,925	70	6,734	69	11,157	348	9.7
1950 to 1959 . . . . .		21,415	1,049	5,628	77	5,702	114	13,477	147	21,415	711	7.6
1960 to 1969 . . . . .		25,682	1,520	7,541	166	7,883	179	17,898	249	25,682	927	6.7
1970 to 1979 . . . . .		33,945	2,356	14,008	442	16,760	361	25,111	349	33,945	1,203	6.8
1980 to 1984 . . . . .		7,748	503	3,627	72	3,790	87	4,784	69	7,748	275	13.1

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 1984 Residential Energy Consumption Survey.

**Table R16B.84s. Site Electricity Consumption and Floorspace by End Use in Residential Buildings, 1984**

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	1.5	NF	1.6	NF	1.1	NF	0.7	NF	
All Buildings . . . . .		144,274	2,483	42,619	300	48,443	324	88,080	332	144,274	1,528	2.3
Census Region												
Northeast . . . . .		35,016	409	6,801	45	8,140	45	18,851	28	35,016	291	4.9
Midwest . . . . .		39,143	545	7,303	64	9,811	55	24,138	56	39,143	371	5.5
South . . . . .		44,498	1,064	19,227	118	22,810	172	35,108	216	44,498	559	3.9
West . . . . .		25,617	466	9,289	73	7,681	53	9,983	32	25,617	308	5.0
Census Division												
New England . . . . .		9,001	97	1,921	10	2,272	12	4,017	4	9,001	71	11.1
Middle Atlantic . . . . .		26,015	312	4,880	35	5,868	33	14,834	25	26,015	220	7.1
East North Central . . . . .		27,111	365	4,934	48	7,458	41	14,859	28	27,111	249	7.5
West North Central . . . . .		12,032	180	2,369	16	2,353	14	9,279	28	12,032	122	10.1
South Atlantic . . . . .		23,305	499	9,700	50	13,534	98	17,214	84	23,305	267	6.4
East South Central . . . . .		9,020	254	5,102	43	6,338	49	7,776	42	9,020	119	10.0
West South Central . . . . .		12,172	311	4,425	25	2,939	25	10,118	89	12,172	172	11.9
Mountain . . . . .		6,967	121	1,912	15	1,800	12	2,780	12	6,967	83	15.2
Pacific . . . . .		18,650	345	7,376	58	5,881	41	7,203	20	18,650	225	6.2
Type of Home												
Mobile Home . . . . .		4,296	155	1,659	25	2,756	34	2,739	15	4,296	80	11.6
Single-Family												
Detached . . . . .		109,603	1,799	32,790	190	38,809	237	67,056	231	109,603	1,141	3.4
Single-Family												
Attached . . . . .		7,673	113	1,919	20	2,038	13	5,008	16	7,673	65	21.0
2 to 4 Units . . . . .		11,608	170	2,262	21	1,414	13	5,567	17	11,608	119	9.3
5 or More Units . . . . .		11,094	247	3,989	44	3,426	27	7,710	53	11,094	123	10.0
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		8,399	261	2,263	29	3,990	49	4,446	28	8,399	154	8.1
1,001 to 2,000 . . . . .		39,873	870	12,899	96	15,413	127	24,188	115	39,873	532	4.6
2,001 to 5,000 . . . . .		78,376	1,076	21,917	130	24,140	121	47,044	136	78,376	689	3.8
5,001 to 10,000 . . . . .		11,184	151	3,260	21	2,945	14	7,806	28	11,184	89	12.1
10,001 to 25,000 . . . . .		3,515	67	1,071	11	880	7	2,449	15	3,515	34	16.3
25,001 to 50,000 . . . . .		1,112	27	610	7	Q	4	795	4	1,112	12	37.7
50,001 to 100,000 . . . . .		1,169	21	461	3	418	2	878	4	1,169	11	31.0
100,001 to 200,000 . . . . .		475	8	Q	Q	Q	Q	334	1	475	4	38.8
Over 200,000 . . . . .		Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed												
1939 or Before . . . . .		44,327	536	8,823	38	10,383	59	20,075	43	44,327	396	6.3
1940 to 1949 . . . . .		11,157	173	2,992	14	3,925	23	6,734	23	11,157	114	9.7
1950 to 1959 . . . . .		21,415	343	5,628	25	5,702	37	13,477	48	21,415	232	7.6
1960 to 1969 . . . . .		25,682	497	7,541	54	7,883	58	17,898	81	25,682	303	6.7
1970 to 1979 . . . . .		33,945	770	14,008	145	16,760	118	25,111	114	33,945	393	6.8
1980 to 1984 . . . . .		7,748	164	3,627	24	3,790	28	4,784	22	7,748	90	13.1

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 1984 Residential Energy Consumption Survey.

**Table R17A.84. Natural Gas Consumption and Number of Buildings by End Use in Residential Buildings, 1984**

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	1.1	NF	1.0	
All Buildings . . . . .	41,355	4,984	38,204	3,509	35,487	1,095	29,256	347	3.3
Census Region									
Northeast . . . . .	7,492	930	5,512	647	6,317	197	6,241	85	8.8
Midwest . . . . .	12,633	1,989	12,497	1,571	11,090	325	8,507	92	4.2
South . . . . .	12,334	1,152	11,687	730	9,824	300	8,619	93	7.8
West . . . . .	8,896	913	8,509	561	8,256	273	5,888	76	5.6
Census Division									
New England . . . . .	1,336	162	835	112	1,113	37	1,008	13	12.7
Middle Atlantic . . . . .	6,156	767	4,677	535	5,205	160	5,233	72	11.4
East North Central . . . . .	8,620	1,434	8,555	1,139	7,394	224	6,188	71	4.5
West North Central . . . . .	4,013	555	3,942	432	3,696	101	2,319	22	10.5
South Atlantic . . . . .	4,663	472	4,148	323	3,374	109	3,015	36	16.3
East South Central . . . . .	2,011	193	2,011	145	1,216	37	1,112	11	12.4
West South Central . . . . .	5,661	487	5,528	263	5,233	153	4,493	45	9.4
Mountain . . . . .	2,692	319	2,607	233	2,488	71	1,272	11	11.2
Pacific . . . . .	6,204	593	5,902	328	5,768	201	4,617	64	6.6
Type of Home									
Mobile Home . . . . .	1,515	116	1,483	84	948	22	1,381	10	18.1
Single-Family Detached . . . . .	32,840	3,459	30,810	2,435	28,354	769	22,442	228	4.1
Single-Family Attached . . . . .	3,039	259	2,574	179	2,683	59	2,419	21	17.3
2 to 4 Units . . . . .	3,134	640	2,652	455	2,781	135	2,492	50	8.0
5 or More Units . . . . .	826	509	685	356	722	111	521	37	8.1
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	5,366	413	5,054	277	4,170	97	4,334	38	7.9
1,001 to 2,000 . . . . .	16,007	1,513	15,135	1,016	13,913	369	11,384	117	5.4
2,001 to 5,000 . . . . .	18,550	2,436	16,770	1,767	16,108	503	12,557	149	4.4
5,001 to 10,000 . . . . .	1,217	389	1,073	288	1,119	77	835	22	11.2
10,001 to 25,000 . . . . .	183	143	149	102	157	30	122	10	20.4
25,001 to 50,000 . . . . .	17	44	14	33	14	8	11	3	31.1
50,001 to 100,000 . . . . .	12	30	7	20	7	7	10	3	34.2
100,001 to 200,000 . . . . .	2	10	Q	Q	Q	Q	2	3	35.7
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before . . . . .	13,919	1,884	12,034	1,406	12,032	342	11,326	134	6.2
1940 to 1949 . . . . .	3,997	424	3,765	289	3,274	94	2,786	32	10.2
1950 to 1959 . . . . .	7,757	801	7,304	543	6,758	199	4,967	58	7.6
1960 to 1969 . . . . .	7,793	853	7,438	552	6,725	216	5,511	68	8.1
1970 to 1979 . . . . .	6,497	868	6,298	611	5,438	203	4,018	49	8.8
1980 to 1984 . . . . .	1,392	155	1,364	107	1,261	42	647	6	18.1

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 1984 Residential Energy Consumption Survey.

**Table R17B.84. Natural Gas Consumption and Floorspace by End Use in Residential Buildings, 1984**

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 . . . . .	93,163	4,984	83,989	3,509	80,114	1,095	64,663	347	3.3
Census Region									
Northeast . . . . .	21,062	930	14,569	647	17,125	197	17,489	85	7.9
Midwest . . . . .	30,020	1,989	29,758	1,571	27,050	325	19,562	92	4.1
South . . . . .	23,203	1,152	21,855	730	18,707	300	15,938	93	8.9
West . . . . .	18,879	913	17,808	561	17,233	273	11,674	76	4.8
Census Division									
New England . . . . .	4,154	162	2,588	112	3,390	37	3,162	13	14.4
Middle Atlantic . . . . .	16,907	767	11,981	535	13,734	160	14,328	72	10.3
East North Central . . . . .	20,623	1,434	20,536	1,139	18,297	224	14,274	71	4.7
West North Central . . . . .	9,398	555	9,222	432	8,754	101	5,288	22	9.2
South Atlantic . . . . .	10,158	472	9,073	323	7,666	109	6,865	36	16.8
East South Central . . . . .	3,807	193	3,807	145	2,456	37	2,012	11	12.8
West South Central . . . . .	9,238	487	8,975	263	8,585	153	7,061	45	11.1
Mountain . . . . .	5,332	319	5,133	233	4,991	71	2,166	11	10.8
Pacific . . . . .	13,547	593	12,675	328	12,242	201	9,508	64	5.6
Type of Home									
Mobile Home . . . . .	1,378	116	1,354	84	925	22	1,286	10	19.7
Single-Family									
Detached . . . . .	68,321	3,459	63,486	2,435	59,010	769	45,834	228	4.4
Single-Family									
Attached . . . . .	5,802	259	4,862	179	5,159	59	4,578	21	19.0
2 to 4 Units . . . . .	9,948	640	8,367	455	8,856	135	7,857	50	8.4
5 or More Units . . . . .	7,715	509	5,921	356	6,165	111	5,108	37	7.8
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	4,305	413	4,056	277	3,372	97	3,457	38	8.1
1,001 to 2,000 . . . . .	24,095	1,513	22,728	1,016	20,949	369	17,050	117	5.6
2,001 to 5,000 . . . . .	52,521	2,436	47,264	1,767	45,357	503	35,601	149	4.4
5,001 to 10,000 . . . . .	7,847	389	6,850	288	7,181	77	5,355	22	10.7
10,001 to 25,000 . . . . .	2,496	143	1,992	102	2,100	30	1,702	10	18.5
25,001 to 50,000 . . . . .	593	44	484	33	484	8	343	3	30.1
50,001 to 100,000 . . . . .	830	30	448	20	491	7	679	3	35.8
100,001 to 200,000 . . . . .	304	10	Q	Q	Q	Q	304	3	37.3
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before . . . . .	32,467	1,884	26,893	1,406	27,644	342	26,192	134	6.0
1940 to 1949 . . . . .	7,864	424	7,222	289	6,324	94	5,446	32	10.4
1950 to 1959 . . . . .	15,097	801	13,988	543	13,375	199	9,570	58	7.8
1960 to 1969 . . . . .	17,296	853	16,208	552	14,927	216	12,190	68	8.6
1970 to 1979 . . . . .	17,037	868	16,384	611	14,583	203	9,924	49	9.2
1980 to 1984 . . . . .	3,403	155	3,294	107	3,262	42	1,341	6	18.2

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 1984 Residential Energy Consumption Survey.

**Table R18A.84. Fuel Oil Consumption and Number of Buildings by End Use in Residential Buildings, 1984**

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	Buildings (thousand)	Consumption (trillion Btu)	Buildings (thousand)	Consumption (trillion Btu)	Buildings (thousand)	Consumption (trillion Btu)	
	RSE Column Factors:	0.9	0.9	0.9	NF	1.3	
All Buildings	8,837	1,154	8,815	1,006	2,970	147	6.0
Census Region							
Northeast	5,554	890	5,532	751	2,757	139	6.5
Midwest	1,260	119	1,260	116	Q	Q	16.6
South	1,520	108	1,520	102	163	Q	22.5
West	503	37	503	37	Q	Q	31.2
Census Division							
New England	1,784	260	1,762	222	1,017	39	9.5
Middle Atlantic	3,770	629	3,770	529	1,740	100	8.9
East North Central	971	88	971	86	Q	Q	21.4
West North Central	288	30	288	30	Q	Q	31.7
South Atlantic	1,471	104	1,471	98	163	Q	22.9
East South Central	Q	Q	Q	Q	*	*	0.0
West South Central	*	*	*	*	*	*	0.0
Mountain	Q	Q	Q	Q	Q	Q	0.0
Pacific	356	26	356	25	Q	Q	20.2
Type of Home							
Mobile Home	278	15	278	15	*	*	32.2
Single-Family							
Detached	7,177	705	7,172	640	2,244	64	6.5
Single-Family							
Attached	652	72	652	66	238	6	25.9
2 to 4 Units	584	152	568	125	379	27	14.9
5 or More Units	146	210	146	160	110	50	16.5
Building Floorspace (square feet)							
Fewer than 1,001	648	47	648	45	Q	Q	18.8
1,001 to 2,000	2,641	241	2,635	220	578	21	12.7
2,001 to 5,000	5,149	629	5,139	553	2,192	76	6.7
5,001 to 10,000	345	95	339	83	119	13	19.4
10,001 to 25,000	43	48	43	36	40	11	35.9
25,001 to 50,000	4	19	4	13	3	5	22.4
50,001 to 100,000	5	40	5	30	5	10	35.6
100,001 to 200,000	2	26	2	18	2	7	19.8
Over 200,000	Q	Q	Q	Q	Q	Q	0.0
Year Constructed							
1939 or Before	4,010	595	3,993	530	1,207	65	8.5
1940 to 1949	901	122	901	105	279	17	21.9
1950 to 1959	1,739	175	1,739	152	639	23	17.6
1960 to 1969	968	140	962	114	389	26	15.6
1970 to 1979	1,012	97	1,012	83	369	14	17.4
1980 to 1984	208	24	208	22	87	3	42.1

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 1984 Residential Energy Consumption Survey.

**Table R18B.84. Fuel Oil Consumption and Floorspace by End Use in Residential Buildings, 1984**

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Floorspace (million sq.ft.)	Consumption (trillion Btu)	
	RSE Column Factors:	0.9	0.9	NF	1.3	NF	
All Buildings . . . . .	23,316	1,154	23,240	1,006	9,605	147	5.3
Census Region							
Northeast . . . . .	16,314	890	16,238	751	8,775	139	5.4
Midwest . . . . .	2,839	119	2,839	116	Q	Q	14.4
South . . . . .	3,059	108	3,059	102	584	Q	24.5
West . . . . .	1,105	37	1,105	37	Q	Q	33.0
Census Division							
New England . . . . .	5,361	260	5,285	222	3,081	39	9.6
Middle Atlantic . . . . .	10,953	629	10,953	529	5,694	100	7.2
East North Central . . . . .	2,212	88	2,212	86	Q	Q	18.2
West North Central . . . . .	628	30	628	30	Q	Q	29.1
South Atlantic . . . . .	2,976	104	2,976	98	584	Q	24.9
East South Central . . . . .	Q	Q	Q	Q	*	*	0.0
West South Central . . . . .	*	*	*	*	*	*	0.0
Mountain . . . . .	Q	Q	Q	Q	Q	Q	0.0
Pacific . . . . .	769	26	769	25	Q	Q	27.7
Type of Home							
Mobile Home . . . . .	203	15	203	15	*	*	33.5
Single-Family							
Detached . . . . .	17,896	705	17,887	640	6,324	64	6.2
Single-Family							
Attached . . . . .	1,346	72	1,346	66	447	6	26.6
2 to 4 Units . . . . .	2,035	152	1,969	125	1,303	27	13.9
5 or More Units . . . . .	1,836	210	1,836	160	1,532	50	14.6
Building Floorspace (square feet)							
Fewer than 1,001 . . . . .	504	47	504	45	19	Q	22.4
1,001 to 2,000 . . . . .	4,079	241	4,070	220	945	21	13.0
2,001 to 5,000 . . . . .	15,032	629	14,999	553	6,508	76	6.6
5,001 to 10,000 . . . . .	2,211	95	2,177	83	779	13	19.6
10,001 to 25,000 . . . . .	575	48	575	36	535	11	32.0
25,001 to 50,000 . . . . .	148	19	148	13	117	5	17.0
50,001 to 100,000 . . . . .	368	40	368	30	347	10	39.3
100,001 to 200,000 . . . . .	260	26	260	18	250	7	23.4
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	0.0
Year Constructed							
1939 or Before . . . . .	11,084	595	11,017	530	4,002	65	8.7
1940 to 1949 . . . . .	2,088	122	2,088	105	828	17	24.1
1950 to 1959 . . . . .	4,404	175	4,404	152	1,785	23	18.5
1960 to 1969 . . . . .	2,838	140	2,829	114	1,625	26	14.4
1970 to 1979 . . . . .	2,402	97	2,402	83	1,118	14	19.6
1980 to 1984 . . . . .	499	24	499	22	247	3	40.9

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 1984 Residential Energy Consumption Survey.



**Table R19.84. Total Expenditures (1987 and 1984 Dollars) for All End Uses by Energy Source in Residential Buildings, 1984 (Million Dollars)**

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		
	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
	RSE Column Factors:	0.7	0.7	0.8	0.8	1.0	1.0	1.8	
All Buildings . . . . .	106,795	96,970	59,999	54,479	32,793	29,776	9,957	8,677	2.4
Census Region									
Northeast . . . . .	29,085	26,410	13,396	12,164	7,602	6,903	7,332	6,658	4.4
Midwest . . . . .	27,609	25,069	12,991	11,796	12,248	11,121	984	894	4.5
South . . . . .	34,063	30,929	23,891	21,693	7,367	6,689	918	834	6.0
West . . . . .	16,038	14,562	9,720	8,826	5,575	5,062	322	292	6.7
Census Division									
New England . . . . .	6,916	6,280	2,984	2,709	1,395	1,267	2,235	2,029	8.5
Middle Atlantic . . . . .	22,169	20,130	10,412	9,455	6,207	5,636	5,097	4,628	6.4
East North Central . . . . .	19,595	17,792	8,926	8,105	9,088	8,252	732	665	5.6
West North Central . . . . .	8,014	7,277	4,065	3,691	3,160	2,869	252	229	10.8
South Atlantic . . . . .	17,470	15,863	11,911	10,815	3,476	3,156	889	807	9.7
East South Central . . . . .	5,923	5,378	4,524	4,108	1,094	993	Q	Q	10.2
West South Central . . . . .	10,670	9,688	7,456	6,770	2,798	2,540	*	*	10.7
Mountain . . . . .	4,692	4,260	2,665	2,420	1,785	1,621	Q	Q	12.0
Pacific . . . . .	11,346	10,302	7,055	6,406	3,790	3,441	222	201	7.8
Type of Home									
Mobile Home . . . . .	5,355	4,863	3,540	3,214	715	649	131	119	16.2
Single-Family									
Detached . . . . .	73,949	67,146	42,381	38,481	22,270	20,222	6,049	5,493	3.4
Single-Family									
Attached . . . . .	5,615	5,099	2,982	2,707	1,924	1,747	624	567	19.3
2 to 4 Units . . . . .	10,483	9,518	4,594	4,172	4,473	4,061	1,307	1,187	8.2
5 or More Units . . . . .	11,393	10,344	6,502	5,904	3,410	3,096	1,445	1,312	8.0
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	10,730	9,743	6,249	5,674	2,597	2,358	408	370	9.2
1,001 to 2,000 . . . . .	33,988	30,861	20,398	18,522	9,717	8,823	2,056	1,866	5.4
2,001 to 5,000 . . . . .	48,775	44,288	26,043	23,647	16,282	14,785	5,389	4,893	3.9
5,001 to 10,000 . . . . .	7,275	6,605	3,805	3,455	2,617	2,376	761	691	11.2
10,001 to 25,000 . . . . .	3,155	2,865	1,858	1,687	956	868	339	308	14.1
25,001 to 50,000 . . . . .	1,090	990	682	619	286	260	121	110	22.4
50,001 to 100,000 . . . . .	1,057	960	580	527	221	201	256	232	32.2
100,001 to 200,000 . . . . .	509	462	269	245	75	68	165	149	22.8
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before . . . . .	33,615	30,522	14,267	12,955	12,821	11,641	4,965	4,508	5.9
1940 to 1949 . . . . .	8,427	7,651	4,295	3,900	2,842	2,580	1,026	931	11.4
1950 to 1959 . . . . .	15,579	14,146	8,477	7,697	5,224	4,744	1,457	1,323	7.9
1960 to 1969 . . . . .	19,236	17,467	11,812	10,725	5,509	5,002	1,116	1,013	7.4
1970 to 1979 . . . . .	24,939	22,644	17,525	15,912	5,488	4,983	790	718	8.0
1980 to 1984 . . . . .	5,000	4,540	3,623	3,290	909	826	202	183	18.1

\* = 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 1984 Residential Energy Consumption Survey.

**Table R20.84. Total Expenditures (1987 and 1984 Dollars) for Space Heating by Energy Source in Residential Buildings, 1984 (Million Dollars)**

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		
	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	40,617	36,881	6,292	5,713	22,754	20,661	8,372	7,602	
Census Region									
Northeast . . . . .	13,037	11,838	1,255	1,139	5,069	4,603	6,217	5,645	
Midwest . . . . .	13,105	11,899	1,351	1,227	9,670	8,781	967	878	
South . . . . .	9,301	8,446	2,414	2,192	4,648	4,220	871	791	
West . . . . .	5,174	4,698	1,27	1,155	3,368	3,058	317	288	
Census Division									
New England . . . . .	3,333	3,026	281	255	933	847	1,906	1,730	
Middle Atlantic . . . . .	9,704	8,812	974	884	4,137	3,756	4,312	3,915	
East North Central . . . . .	9,648	8,760	1030	935	7,214	6,550	716	650	
West North Central . . . . .	3,457	3,139	322	292	2,456	2,230	251	228	
South Atlantic . . . . .	5,211	4,732	1,137	1,033	2,353	2,137	842	764	
East South Central . . . . .	1,807	1,641	727	660	819	743	Q	Q	
West South Central . . . . .	2,383	2,073	550	499	1,475	1,340	*	*	
Mountain . . . . .	1,789	1,624	310	282	1,276	1,159	Q	Q	
Pacific . . . . .	3,385	3,074	962	873	2,091	1,899	218	198	
Type of Home									
Mobile Home . . . . .	1,918	1,742	537	488	515	468	131	119	
Single-Family									
Detached . . . . .	27,211	24,708	3,905	3,546	15,542	14,112	5,493	4,988	
Single-Family									
Attached . . . . .	2,373	2,155	419	381	1,300	1,181	572	519	
2 to 4 Units . . . . .	4,676	4,246	420	381	3,097	2,812	1,071	973	
5 or More Units . . . . .	4,438	4,030	1011	918	2,299	2,087	1,105	1,003	
Building Floorspace									
(square feet)									
Fewer than 1,001 . . . . .	3,839	3,486	638	579	1,722	1,564	396	360	
1,001 to 2,000 . . . . .	11,633	10,563	1,978	1,796	6,448	5,854	1,876	1,703	
2,001 to 5,000 . . . . .	19,767	17,949	2,670	2,424	11,636	10,566	4,735	4,300	
5,001 to 10,000 . . . . .	3,059	2,778	440	400	1,898	1,724	662	601	
10,001 to 25,000 . . . . .	1,191	1,081	278	253	652	592	259	235	
25,001 to 50,000 . . . . .	449	408	154	140	208	189	87	79	
50,001 to 100,000 . . . . .	402	365	70	64	140	127	192	175	
100,001 to 200,000 . . . . .	206	187	Q	Q	Q	Q	117	106	
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	
Year Constructed									
1939 or Before . . . . .	15,707	14,262	813	738	9,299	8,444	4,446	4,037	
1940 to 1949 . . . . .	3,322	3,017	311	283	1,928	1,750	890	808	
1950 to 1959 . . . . .	5,607	5,090	539	489	3,509	3,186	1,267	1,150	
1960 to 1969 . . . . .	6,158	5,591	1,119	1,016	3,548	3,221	912	828	
1970 to 1979 . . . . .	8,393	7,621	3,047	2,767	3,847	3,493	676	614	
1980 to 1984 . . . . .	1,432	1,300	462	420	624	567	180	164	

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 1984 Residential Energy Consumption Survey.

**Table R21.84. Total Expenditures (1987 and 1984 Dollars) for Air Conditioning and Appliances by Energy Source in Residential Buildings, 1984 (Million Dollars)**

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances						RSE Row Factors
	Electricity		All Major Sources		Electricity		Natural Gas		
	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	8,115	7,368	41,642	37,811	38,502	34,960	2,541	2,307	
Census Region									
Northeast . . . . .	1,051	954	10,877	9,876	9,859	8,952	871	791	
Midwest . . . . .	1,332	1,209	9,806	8,904	9,130	8,290	568	516	
South . . . . .	4,963	4,507	13,626	12,372	12,761	11,587	613	557	
West . . . . .	769	698	7,333	6,659	6,752	6,131	488	443	
Census Division									
New England . . . . .	118	107	2,431	2,208	2,256	2,048	128	116	
Middle Atlantic . . . . .	933	847	8,445	7,668	7,603	6,904	743	675	
East North Central . . . . .	703	638	6,823	6,196	6,312	5,731	441	401	
West North Central . . . . .	629	571	2,983	2,708	2,818	2,559	127	115	
South Atlantic . . . . .	2,077	1,886	6,807	6,181	6,358	5,773	278	253	
East South Central . . . . .	749	680	2,272	2,063	2,187	1,986	65	59	
West South Central . . . . .	2,137	1,941	4,547	4,129	4,217	3,829	270	246	
Mountain . . . . .	279	253	1,932	1,754	1,853	1,682	69	63	
Pacific . . . . .	490	445	5,401	4,904	4,899	4,448	419	381	
Type of Home									
Mobile Home . . . . .	363	330	2,071	1,880	1,861	1,690	66	60	
Single-Family Detached . . . . .	5,508	5,001	29,822	27,079	27,839	25,278	1,540	1,398	
Single-Family Attached . . . . .	424	385	2,039	1,852	1,859	1,688	179	162	
2 to 4 Units . . . . .	437	396	3,889	3,531	3,459	3,141	419	381	
5 or More Units . . . . .	1,383	1,256	3,820	3,469	3,483	3,162	337	306	
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	685	622	4,260	3,868	3,791	3,442	255	231	
1,001 to 2,000 . . . . .	2,763	2,509	13,935	12,653	12,925	11,736	805	731	
2,001 to 5,000 . . . . .	3,274	2,972	18,785	17,057	17,511	15,900	1,108	1,006	
5,001 to 10,000 . . . . .	682	620	2,572	2,335	2,380	2,161	178	162	
10,001 to 25,000 . . . . .	404	367	1,092	992	997	905	95	86	
25,001 to 50,000 . . . . .	103	94	360	327	332	302	28	25	
50,001 to 100,000 . . . . .	116	105	381	345	350	317	31	28	
100,001 to 200,000 . . . . .	49	45	170	155	145	131	26	24	
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	
Year Constructed									
1939 or Before . . . . .	1,199	1,089	12,200	11,078	10,955	9,947	1,079	979	
1940 to 1949 . . . . .	559	508	3,211	2,916	2,917	2,649	250	227	
1950 to 1959 . . . . .	1,187	1,078	6,373	5,787	5,898	5,356	405	368	
1960 to 1969 . . . . .	1,969	1,788	8,050	7,309	7,464	6,777	462	419	
1970 to 1979 . . . . .	2,675	2,429	9,695	8,803	9,234	8,385	310	281	
1980 to 1984 . . . . .	525	477	2,112	1,918	2,034	1,847	37	33	

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 1984 Residential Energy Consumption Survey.

**Table R22.84. Total Expenditures (1987 and 1984 Dollars) by End Use in Residential Buildings, 1984  
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings	106,795	96,970	40,617	36,881	16,229	14,736	8,307	7,543	41,642	37,811	1.2
Census Region											
Northeast	29,085	26,410	13,037	11,838	4,121	3,742	1,051	954	10,877	9,876	2.2
Midwest	27,609	25,069	13,105	11,899	3,363	3,054	1,336	1,213	9,806	8,904	2.5
South	34,063	30,929	9,301	8,446	6,004	5,452	5,132	4,659	13,626	12,372	2.5
West	16,038	14,562	5,174	4,698	2,741	2,489	789	717	7,333	6,659	3.1
Census Division											
New England	6,916	6,280	3,333	3,026	1,035	939	118	107	2,431	2,208	6.6
Middle Atlantic	22,169	20,130	9,704	8,812	3,087	2,803	933	847	8,445	7,668	3.7
East North Central	19,595	17,792	9,648	8,760	2,419	2,196	706	641	6,823	6,196	3.5
West North Central	8,014	7,277	3,457	3,139	944	858	630	572	2,983	2,708	7.3
South Atlantic	17,470	15,863	5,211	4,732	3,347	3,039	2,105	1,911	6,807	6,181	4.5
East South Central	5,923	5,378	1,807	1,641	1,096	995	749	680	2,272	2,063	6.7
West South Central	10,670	9688	2,283	2,073	1,561	1,417	2,278	2,068	4,547	4,129	8.8
Mountain	4,692	4,260	1,789	1,624	671	610	299	272	1,932	1,754	8.1
Pacific	11,346	10,302	3,385	3,074	2,096	1,879	490	445	5,401	4,904	4.6
Type of Home											
Mobile Home	5,355	4,863	1,918	1,742	1,004	911	363	330	2,071	1,880	10.1
Single-Family											
Detached	73,949	67,146	27,211	24,708	11,247	10,212	5,669	5,147	29,822	27,079	2.2
Single-Family											
Attached	5,615	5,099	2,373	2,155	778	707	424	385	2,039	1,852	15.5
2 to 4 Units	10,483	9,518	4,676	4,246	1,478	1,342	440	399	3,889	3,531	6.3
5 or More Units	11,393	10,344	4,438	4,030	1,722	1,564	1,412	1,282	3,820	3,469	6.1
Building Floorspace (square feet)											
Fewer than 1,001	10,730	9,743	3,839	3,486	1,946	1,767	685	622	4,260	3,868	6.4
1,001 to 2,000	33,988	30,861	11,633	10,563	5,593	5,078	2,827	2,567	13,935	12,653	3.3
2,001 to 5,000	48,775	44,288	19,767	17,949	6,844	6,215	3,378	3,067	18,785	17,057	2.7
5,001 to 10,000	7,275	6,605	3,059	2,778	948	861	696	632	2,572	2,335	8.7
10,001 to 25,000	3,155	2,865	1,191	1,081	457	415	415	377	1,092	992	10.1
25,001 to 50,000	1,090	990	449	408	177	161	103	94	360	327	23.7
50,001 to 100,000	1,057	960	402	365	158	144	116	105	381	345	27.4
100,001 to 200,000	509	462	206	187	83	75	49	45	170	155	19.4
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before	33,615	30,522	15,707	14,262	4,498	4,084	1,211	1,099	12,200	11,078	4.8
1940 to 1949	8,427	7,651	3,322	3,017	1,290	1,171	603	547	3,211	2,916	8.0
1950 to 1959	15,579	14,146	5,606	5,090	2,413	2,191	1,187	1,078	6,373	5,787	5.6
1960 to 1969	19,236	17,467	6,158	5,591	2,953	2,681	2,076	1,885	8,050	7,309	5.4
1970 to 1979	24,939	22,644	8,393	7,621	4,145	3,764	2,705	2,457	9,695	8,803	5.2
1980 to 1984	5,000	4,540	1,432	1,300	930	845	525	477	2,112	1,918	11.1

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 1984 Residential Energy Consumption Survey.

**Table R23.84. Electricity Expenditures (1987 and 1984 Dollars) by End Use in Residential Buildings, 1984  
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings	59,999	54,479	6,292	5,713	7,091	6,438	8,115	7,368	38,502	34,960	1.8
Census Region											
Northeast	13,396	12,164	1,255	1,139	1,232	1,119	1,051	954	9,859	8,952	4.2
Midwest	12,991	11,796	1,351	1,227	1,179	1,071	1,332	1,209	9,130	8,290	4.0
South	23,891	21,693	2,414	2,192	3,753	3,407	4,963	4,507	12,761	11,587	3.1
West	9,720	8,826	1,272	1,155	927	841	769	698	6,752	6,131	4.2
Census Division											
New England	2,984	2,709	281	255	329	299	118	107	2,256	2,048	8.8
Middle Atlantic	10,412	9,455	974	884	903	820	933	847	7,603	6,904	6.0
East North Central	8,926	8,105	1,030	935	882	801	703	638	6,312	5,731	5.2
West North Central	4,065	3,691	322	292	297	270	629	571	2,818	2,559	8.5
South Atlantic	11,911	10,815	1,137	1,033	2,339	2,124	2,077	1,886	6,358	5,773	6.4
East South Central	4,524	4,108	727	660	861	782	749	680	2,187	1,986	7.5
West South Central	7,456	6,770	550	499	552	502	2,137	1,941	4,217	3,829	9.6
Mountain	2,665	2,420	310	282	223	202	279	253	1,853	1,682	12.0
Pacific	7,055	6,406	962	873	704	639	490	445	4,899	4,448	5.5
Type of Home											
Mobile Home	3,540	3,214	537	488	778	707	363	330	1,861	1,690	11.5
Single-Family											
Detached	42,381	38,481	3,905	3,546	5,129	4,657	5,508	5,001	27,839	25,278	2.7
Single-Family											
Attached	2,982	2,707	419	381	279	253	424	385	1,859	1,688	18.4
2 to 4 Units	4,594	4,172	420	381	279	253	437	396	3,459	3,141	6.9
5 or More Units	6,502	5,904	1,011	918	625	568	1,383	1,256	3,483	3,162	7.9
Building Floorspace (square feet)											
Fewer than 1,001	6,249	5,674	638	579	1,135	1,031	685	622	3,791	3,442	7.1
1,001 to 2,000	20,398	18,522	1,978	1,796	2,732	2,480	2,763	2,509	12,925	11,736	4.0
2,001 to 5,000	26,043	23,647	2,670	2,424	2,589	2,351	3,274	2,972	17,511	15,900	3.1
5,001 to 10,000	3,805	3,455	440	400	302	274	682	620	2,380	2,161	9.8
10,001 to 25,000	1,858	1,687	278	253	178	162	404	367	997	905	11.7
25,001 to 50,000	682	619	154	140	93	84	103	94	332	302	32.3
50,001 to 100,000	580	527	70	64	44	40	116	105	350	317	24.6
100,001 to 200,000	269	245	Q	Q	Q	Q	49	45	145	131	30.1
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed											
1939 or Before	14,267	12,955	813	738	1,300	1,181	1,199	1,089	10,955	9,947	5.4
1940 to 1949	4,295	3,900	311	283	507	461	559	508	2,917	2,649	7.8
1950 to 1959	8,477	7,697	539	489	854	775	1,187	1,078	5,898	5,356	5.7
1960 to 1969	11,812	10,725	1,119	1,016	1,260	1,144	1,969	1,788	7,464	6,777	5.7
1970 to 1979	17,525	15,912	3,047	2,767	2,568	2,332	2,675	2,429	9,234	8,385	5.7
1980 to 1984	3,623	3,290	462	420	602	546	525	477	2,034	1,847	12.1

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 1984 Residential Energy Consumption Survey.

**Table R24.84. Natural Gas Expenditures (1987 and 1984 Dollars) by End Use in Residential Buildings, 1984  
(Million Dollars)**

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	
All Buildings . . . . .	32,793	29,776	22,754	20,661	7,304	6,632	2,541	2,307	2.8
Census Region									
Northeast . . . . .	7,602	6,903	5,069	4,603	1,662	1,509	871	791	6.8
Midwest . . . . .	12,248	11,121	9,670	8,781	2,005	1,820	568	516	3.1
South . . . . .	7,367	6,689	4,648	4,220	1,938	1,759	613	557	8.1
West . . . . .	5,575	5,062	3,368	3,058	1,699	1,543	488	443	5.1
Census Division									
New England . . . . .	1,395	1,267	933	847	335	304	128	116	12.7
Middle Atlantic . . . . .	6,207	5,636	4,137	3,756	1,327	1,205	743	675	8.8
East North Central . . . . .	9,088	8,252	7,214	6,550	1,430	1,298	441	401	3.3
West North Central . . . . .	3,160	2,869	2,456	2,230	575	522	127	115	8.3
South Atlantic . . . . .	3,476	3,156	2,353	2,137	816	741	278	253	15.0
East South Central . . . . .	1,094	993	819	743	210	191	65	59	11.9
West South Central . . . . .	2,798	2,540	1,475	1,340	911	827	270	246	8.2
Mountain . . . . .	1,785	1,621	1,276	1,159	420	381	69	63	10.1
Pacific . . . . .	3,790	3,441	2,091	1,899	1,279	1,162	419	381	6.4
Type of Home									
Mobile Home . . . . .	715	649	515	468	134	121	66	60	18.0
Single-Family									
Detached . . . . .	22,270	20,222	15,542	14,112	5,027	4,564	1,540	1,398	3.9
Single-Family									
Attached . . . . .	1,924	1,747	1,300	1,181	445	404	179	162	17.4
2 to 4 Units . . . . .	4,473	4,061	3,097	2,812	954	866	419	381	7.7
5 or More Units . . . . .	3,410	3,096	2,299	2,087	745	676	337	306	7.2
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	2,597	2,358	1,722	1,564	620	563	255	231	8.8
1,001 to 2,000 . . . . .	9,717	8,823	6,448	5,854	2,400	2,180	805	731	5.5
2,001 to 5,000 . . . . .	16,282	14,785	11,636	10,566	3,434	3,118	1,108	1,006	4.1
5,001 to 10,000 . . . . .	2,617	2,376	1,898	1,724	527	478	178	162	11.4
10,001 to 25,000 . . . . .	956	868	652	592	198	180	95	86	18.2
25,001 to 50,000 . . . . .	286	260	208	189	51	46	28	25	32.8
50,001 to 100,000 . . . . .	221	201	140	127	51	46	31	28	40.4
100,001 to 200,000 . . . . .	75	68	Q	Q	Q	Q	26	24	34.8
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before . . . . .	12,821	11,641	9,299	8,444	2,431	2,208	1,079	979	5.6
1940 to 1949 . . . . .	2,842	2,580	1,928	1,750	621	564	250	227	10.4
1950 to 1959 . . . . .	5,224	4,744	3,509	3,186	1,311	1,190	405	368	7.0
1960 to 1969 . . . . .	5,509	5,002	3,548	3,221	1,393	1,265	462	419	8.3
1970 to 1979 . . . . .	5,488	4,983	3,847	3,493	1,300	1,181	310	281	8.1
1980 to 1984 . . . . .	909	826	624	567	248	225	37	33	18.0

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 1984 Residential Energy Consumption Survey.

**Table R25.84. Fuel Oil Expenditures (1987 and 1984 Dollars) by End Use in Residential Buildings, 1984  
(Million Dollars)**

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	1987 Dollars	1984 Dollars	
RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	
All Buildings . . . . .	9,557	8,677	8,372	7,602	1,183	1,075	5.3
Census Region							
Northeast . . . . .	7,332	6,658	6,217	5,645	1,114	1,011	6.0
Midwest . . . . .	984	894	967	878	Q	Q	12.8
South . . . . .	918	834	871	791	Q	Q	20.2
West . . . . .	322	292	317	288	Q	Q	30.4
Census Division							
New England . . . . .	2,235	2,029	1,906	1,730	330	299	7.2
Middle Atlantic . . . . .	5,097	4,628	4,312	3,915	784	712	8.4
East North Central . . . . .	732	665	716	650	Q	Q	16.3
West North Central . . . . .	252	229	251	228	Q	Q	26.6
South Atlantic . . . . .	889	807	842	764	Q	Q	20.8
East South Central . . . . .	Q	Q	Q	Q	*	*	0.0
West South Central . . . . .	*	*	*	*	*	*	0.0
Mountain . . . . .	Q	Q	Q	Q	Q	Q	0.0
Pacific . . . . .	222	201	218	198	Q	Q	22.7
Type of Home							
Mobile Home . . . . .	131	119	131	119	*	*	33.3
Single-Family							
Detached . . . . .	6,049	5,493	5,493	4,988	555	504	5.5
Single-Family							
Attached . . . . .	624	567	572	519	53	48	28.0
2 to 4 Units . . . . .	1,307	1,187	1,071	973	236	214	13.2
5 or More Units . . . . .	1,445	1,312	1,105	1,003	340	309	11.6
Building Floorspace (square feet)							
Fewer than 1,001 . . . . .	408	370	396	360	Q	Q	17.8
1,001 to 2,000 . . . . .	2,056	1,866	1,876	1,703	180	163	12.1
2,001 to 5,000 . . . . .	5,389	4,893	4,735	4,300	652	592	6.7
5,001 to 10,000 . . . . .	761	691	662	601	99	90	16.3
10,001 to 25,000 . . . . .	339	308	259	235	81	73	18.5
25,001 to 50,000 . . . . .	121	110	87	79	34	31	10.0
50,001 to 100,000 . . . . .	256	232	192	175	64	58	39.4
100,001 to 200,000 . . . . .	165	149	117	106	47	43	13.3
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	0.0
Year Constructed							
1939 or Before . . . . .	4,965	4,508	4,446	4,037	519	471	8.5
1940 to 1949 . . . . .	1,026	931	890	808	136	124	25.6
1950 to 1959 . . . . .	1,457	1,323	1,276	1,150	190	173	17.8
1960 to 1969 . . . . .	1,116	1,013	912	828	202	184	11.8
1970 to 1979 . . . . .	790	718	676	614	114	103	16.7
1980 to 1984 . . . . .	202	183	180	164	22	20	44.8

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 1984 Residential Energy Consumption Survey.

**Table R1.87. Residential Building and Housing Unit Characteristics, 1987**

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	1.5	0.6	1.2	0.7	0.9	
<b>All Buildings</b> .....	156,818	70,446	2,226	90,537	1,732	668	1.3
<b>Census Region</b>							
Northeast .....	36,820	13,245	2,780	19,050	1,933	748	2.6
Midwest .....	44,271	18,078	2,449	22,259	1,989	776	2.4
South .....	47,135	25,629	1,839	30,905	1,525	590	2.6
West .....	28,593	13,494	2,119	18,323	1,560	587	2.5
<b>Census Division</b>							
New England .....	8,431	2,979	2,830	4,272	1,973	768	3.9
Middle Atlantic .....	28,389	10,266	2,765	14,777	1,921	743	2.8
East North Central .....	31,515	12,672	2,487	15,861	1,987	767	2.9
West North Central .....	12,756	5,405	2,360	6,398	1,994	801	4.5
South Atlantic .....	24,419	12,955	1,885	15,574	1,568	599	3.8
East South Central .....	9,210	5,130	1,795	6,088	1,513	615	6.2
West South Central .....	13,506	7,544	1,790	9,243	1,461	557	6.0
Mountain .....	7,233	3,676	1,968	4,443	1,628	589	5.6
Pacific .....	21,360	9,818	2,176	13,881	1,539	587	2.8
<b>Type of Home</b>							
Mobile Home .....	4,406	5,115	861	5,115	861	342	5.8
Single-Family							
Detached .....	118,693	55,154	2,152	55,154	2,152	757	1.5
Single-Family							
Attached .....	10,183	5,312	1,917	5,312	1,917	778	8.6
2 to 4 Units .....	11,619	3,678	3,159	10,052	1,156	486	4.0
5 or More Units .....	11,917	1,187	10,040	14,904	800	423	6.0
<b>Building / Housing Unit Floorspace (square feet)</b>							
Fewer than 1,001 .....	8,343	10,597	787	27,787	726	340	2.1
1,001 to 2,000 .....	40,629	26,894	1,511	32,399	1,462	554	1.6
2,001 to 5,000 .....	87,573	30,649	2,857	29,407	2,827	954	1.5
5,001 to 10,000 .....	13,227	1,994	6,632	930	6,378	1,990	5.3
10,001 to 25,000 .....	3,384	246	13,761	Q	Q	Q	7.4
25,001 to 50,000 .....	1,472	42	35,172	NC	NC	NC	10.4
50,001 to 100,000 .....	1,235	19	66,166	NC	NC	NC	12.7
100,001 to 200,000 .....	461	3	141,598	NC	NC	NC	13.1
Over 200,000 .....	495	2	310,846	NC	NC	NC	29.3
<b>Year Constructed</b>							
1939 or Before .....	38,935	16,648	2,339	21,488	1,812	733	3.2
1940 to 1949 .....	12,978	6,795	1,910	8,243	1,575	623	3.9
1950 to 1959 .....	22,796	11,506	1,981	13,065	1,745	648	3.4
1960 to 1969 .....	28,028	11,782	2,379	16,401	1,709	667	3.8
1970 to 1979 .....	34,976	14,967	2,337	20,117	1,739	653	3.4
1980 to 1987 .....	19,105	8,747	2,184	11,224	1,702	634	5.3

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 1990 Residential Energy Consumption Survey.



**Table R2.87. Energy Sources Used for All End Uses in Residential Buildings, Number of Buildings and Total Floorspace, 1987**

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.)	
	0.5	0.5	0.5	0.5	0.8	0.8	1.4	1.4	1.9	1.9	2.0	2.0	
RSE Column Factors:	0.5	0.5	0.5	0.5	0.8	0.8	1.4	1.4	1.9	1.9	2.0	2.0	
All Buildings . . . . .	70,446	156,818	70,424	156,780	42,599	99,357	8,948	24,360	5,918	10,939	7,610	12,286	3.8
Census Region													
Northeast . . . . .	13,245	36,820	13,245	36,820	7,448	21,181	5,324	16,056	1,273	2,653	1,067	2,060	7.9
Midwest . . . . .	18,078	44,271	18,078	44,271	13,185	33,280	1,782	4,513	1,371	3,074	2,248	4,339	6.9
South . . . . .	25,629	47,135	25,629	47,135	12,270	23,670	1,489	2,929	3,038	4,657	3,343	4,367	7.4
West . . . . .	13,494	28,593	13,473	28,555	9,697	21,225	353	Q	236	555	952	1,521	8.9
Census Division													
New England . . . . .	2,979	8,431	2,979	8,431	958	2,994	1,901	5,609	178	345	433	889	10.3
Middle Atlantic . . . . .	10,266	28,389	10,266	28,389	6,490	18,187	3,423	10,447	1,095	2,308	634	1,171	10.0
East North Central . . . . .	12,672	31,515	12,672	31,515	9,191	23,577	1,436	3,740	1,169	2,713	1,486	2,824	8.8
West North Central . . . . .	5,405	12,756	5,405	12,756	3,994	9,703	345	773	202	361	762	1,515	13.8
South Atlantic . . . . .	12,955	24,419	12,955	24,419	4,465	9,738	1,350	2,672	2,150	3,183	1,889	2,390	11.1
East South Central . . . . .	5,130	9,210	5,130	9,210	2,016	3,889	Q	Q	809	1,288	764	1,039	12.6
West South Central . . . . .	7,544	13,506	7,544	13,506	5,789	10,043	*	*	Q	Q	691	937	17.9
Mountain . . . . .	3,676	7,233	3,676	7,233	2,839	5,638	Q	Q	Q	Q	Q	Q	14.6
Pacific . . . . .	9,818	21,360	9,796	21,322	6,858	15,587	Q	Q	136	333	707	1,143	9.4
Type of Home													
Mobile Home . . . . .	5,115	4,406	5,115	4,406	1,725	1,582	396	269	931	736	1,893	1,458	16.2
Single-Family													
Detached . . . . .	55,154	118,693	55,132	118,655	33,586	72,994	7,233	19,044	4,550	9,059	5,662	10,593	4.7
Single-Family													
Attached . . . . .	5,312	10,183	5,312	10,183	3,535	7,018	637	1,429	341	714	Q	Q	20.1
2 to 4 Units . . . . .	3,678	11,619	3,678	11,619	2,934	9,398	558	1,948	83	319	Q	Q	10.7
5 or More Units . . . . .	1,187	11,917	1,187	11,917	818	8,365	124	1,669	13	Q	Q	Q	16.7
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	10,597	8,343	10,597	8,343	5,339	4,342	693	529	1,450	1,147	2,728	2,006	10.1
1,001 to 2,000 . . . . .	26,894	40,629	26,873	40,591	15,660	23,797	2,595	4,116	2,229	3,269	2,966	4,362	6.5
2,001 to 5,000 . . . . .	30,649	87,573	30,649	87,573	19,924	56,406	5,116	15,131	2,159	6,003	1,897	5,751	5.8
5,001 to 10,000 . . . . .	1,994	13,227	1,994	13,227	1,443	9,548	499	3,190	75	472	Q	Q	15.6
10,001 to 25,000 . . . . .	246	3,384	246	3,384	183	2,484	31	423	Q	Q	Q	Q	25.5
25,001 to 50,000 . . . . .	42	1,472	42	1,472	29	1,052	8	279	*	*	Q	Q	34.9
50,001 to 100,000 . . . . .	19	1,235	19	1,235	17	1,142	4	324	*	*	*	*	40.0
100,001 to 200,000 . . . . .	3	461	3	461	2	344	2	225	*	*	*	*	30.2
Over 200,000 . . . . .	2	495	2	495	Q	240	*	143	*	*	*	*	96.6
Year Constructed													
1939 or Before . . . . .	16,648	38,935	16,648	38,935	11,542	27,678	3,525	10,006	1,472	3,221	1,813	3,430	8.0
1940 to 1949 . . . . .	6,795	12,978	6,774	12,940	4,673	9,259	1,038	2,431	693	1,256	688	1,010	10.8
1950 to 1959 . . . . .	11,506	22,796	11,506	22,796	7,817	15,558	1,898	4,743	675	1,222	966	1,423	8.9
1960 to 1969 . . . . .	11,782	28,028	11,782	28,028	8,200	20,355	1,083	3,227	894	1,656	1,027	1,558	9.9
1970 to 1979 . . . . .	14,967	34,976	14,967	34,976	7,317	18,846	1,151	3,296	1,698	2,852	1,947	2,944	8.3
1980 to 1987 . . . . .	8,747	19,105	8,747	19,105	3,050	7,661	252	658	486	733	1,168	1,920	14.0

\* = 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 1987 Residential Energy Consumption Survey.

**Table R3.87. Energy Sources Used for Main Space Heating in Residential Buildings, Number of Buildings and Total Floorspace, 1987**

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	0.3	1.2	1.1	0.6	0.6	0.9	1.0	2.4	2.5	1.7	1.8	
RSE Column Factors:	0.4	0.3	1.2	1.1	0.6	0.6	0.9	1.0	2.4	2.5	1.7	1.8	
All Buildings	69,831	155,839	11,869	26,888	39,075	88,895	8,096	22,060	1,259	1,453	4,141	6,286	6.3
Census Region													
Northeast	13,245	36,820	1,231	3,676	5,918	15,778	4,982	15,064	Q	328	115	169	11.5
Midwest	18,078	44,271	1,203	2,763	12,694	32,212	1,430	3,705	Q	Q	1,327	2,508	11.8
South	25,425	46,918	7,487	15,545	11,508	21,886	1,373	2,522	837	995	2,119	2,694	11.4
West	13,084	27,830	1,948	4,904	8,955	19,019	Q	Q	Q	Q	580	915	10.1
Census Division													
New England	2,979	8,431	183	513	641	1,944	1,796	5,286	79	63	Q	Q	14.8
Middle Atlantic	10,266	28,389	1,047	3,163	5,277	13,833	3,186	9,777	Q	Q	57	97	12.1
East North Central	12,672	31,515	883	1,957	8,826	22,820	1,130	3,060	Q	Q	855	1,652	15.5
West North Central	5,405	12,756	321	806	3,868	9,392	300	645	Q	Q	472	855	17.1
South Atlantic	12,751	24,202	4,536	8,897	4,085	8,961	1,265	2,314	610	730	1,069	1,308	16.4
East South Central	5,130	9,210	1,666	3,382	1,977	3,802	Q	Q	201	233	538	699	16.4
West South Central	7,544	13,506	1,285	3,266	5,446	9,122	*	*	Q	Q	Q	Q	25.0
Mountain	3,676	7,233	520	1,009	2,700	5,312	Q	Q	*	*	Q	Q	16.7
Pacific	9,407	20,597	1,428	3,895	6,255	13,707	Q	Q	Q	Q	390	579	12.7
Type of Home													
Mobile Home	5,115	4,406	1,038	960	1,673	1,531	374	255	471	352	1,225	976	20.2
Single-Family Detached	54,621	117,854	8,382	17,443	31,193	67,535	6,440	17,077	746	981	2,916	5,310	7.4
Single-Family Attached	5,285	10,154	1,489	2,433	3,124	6,224	637	1,429	Q	Q	*	*	31.0
2 to 4 Units	3,627	11,512	534	1,364	2,444	7,837	532	1,862	26	69	*	*	14.8
5 or More Units	1,184	11,913	427	4,688	640	5,767	113	1,438	Q	Q	*	*	20.3
Building Floorspace (square feet)													
Fewer than 1,001	10,370	8,171	1,539	1,199	4,889	3,963	671	514	639	488	1,557	1,158	13.8
1,001 to 2,000	26,641	40,288	5,216	7,903	14,500	21,959	2,261	3,614	492	648	1,740	2,559	9.8
2,001 to 5,000	30,515	87,106	4,715	13,133	18,352	51,962	4,656	13,718	127	308	845	2,569	9.3
5,001 to 10,000	1,994	13,227	279	2,002	1,190	7,881	465	2,978	Q	Q	*	*	19.1
10,001 to 25,000	246	3,384	96	1,322	117	1,609	31	423	*	*	*	*	33.3
25,001 to 50,000	42	1,472	18	602	17	621	7	249	*	*	*	*	40.7
50,001 to 100,000	19	1,235	Q	Q	10	631	3	256	*	*	*	*	60.8
100,001 to 200,000	3	461	Q	Q	Q	Q	1	212	*	*	*	*	33.6
Over 200,000	2	495	Q	Q	Q	Q	*	96	*	*	*	*	78.2
Year Constructed													
1939 or Before	16,436	38,531	637	1,406	10,007	23,109	3,163	9,038	220	324	837	1,340	12.9
1940 to 1949	6,751	12,915	560	944	4,240	8231	952	2,190	62	77	373	544	15.7
1950 to 1959	11,366	22,633	873	1,560	7,332	14,423	1,756	4,419	191	224	587	823	13.6
1960 to 1969	11,716	27,941	1,553	3,820	7,849	19,045	992	2,945	265	279	538	1,036	12.9
1970 to 1979	14,890	34,823	4,218	10,522	6,804	17,098	1,035	2,952	411	459	1,199	1,562	12.1
1980 to 1987	8,672	18,997	4,029	8,637	2,843	6,988	198	517	Q	Q	607	980	18.6

\* = 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 1987 Residential Energy Consumption Survey.

**Table R4.87. Energy Sources Used for Air Conditioning and Appliances in Residential Buildings, Number of Buildings and Total Floorspace, 1987**

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	0.7	0.5	0.5	1.0	1.0	2.6	2.5	
RSE Column Factors:	0.8	0.7	0.5	0.5	1.0	1.0	2.6	2.5	
All Buildings	42,722	98,783	70,424	156,780	29,418	67,100	5,675	8,764	3.4
Census Region									
Northeast	6,799	19,914	13,245	36,820	5,992	17,237	950	1,849	7.4
Midwest	11,372	29,437	18,078	44,271	8,969	21,921	1,554	2,877	6.6
South	20,163	39,395	25,629	47,135	8,110	14,827	2,451	3,039	6.5
West	4,387	10,036	13,473	28,555	6,347	13,115	720	998	5.8
Census Division									
New England	1,098	3,431	2,979	8,431	788	2,409	385	804	12.3
Middle Atlantic	5,702	16,483	10,266	28,389	5,204	14,828	565	1,045	9.2
East North Central	7,157	19,364	12,672	31,515	6,443	15,929	1,048	1,873	9.0
West North Central	4,215	10,074	5,405	12,756	2,526	5,993	506	1,003	9.5
South Atlantic	9,896	19,775	12,955	24,419	2,584	5,815	1,434	1,722	10.2
East South Central	4,193	7,986	5,130	9,210	1,087	2,034	440	565	14.8
West South Central	6,074	11,634	7,544	13,506	4,439	6,978	578	Q	15.7
Mountain	1,065	2,173	3,676	7,233	1,489	2,597	Q	Q	13.6
Pacific	3,322	7,864	9,796	21,322	4,858	10,518	553	827	6.9
Type of Home									
Mobile Home	3,016	2,592	5,115	4,406	1,651	1,511	1,623	1,188	14.8
Single-Family									
Detached	33,849	75,736	55,132	118,655	22,281	48,136	3,999	7,367	4.4
Single-Family									
Attached	3,483	6,835	5,312	10,183	2,627	5,081	Q	Q	18.1
2 to 4 Units	1,649	5,560	3,678	11,619	2,396	7,571	Q	Q	9.9
5 or More Units	724	8,060	1,187	11,917	464	4,799	Q	Q	15.3
Building Floorspace (square feet)									
Fewer than 1,001	5,335	4,283	10,597	8,343	4,187	3,358	2,394	1,740	8.8
1,001 to 2,000	16,556	25,046	26,873	40,591	10,993	16,681	1,955	2,864	6.2
2,001 to 5,000	19,213	55,171	30,649	87,573	13,088	37,074	1,310	4,019	5.2
5,001 to 10,000	1,405	9,334	1,994	13,227	1,016	6,648	Q	Q	13.0
10,001 to 25,000	164	2,274	246	3,384	99	1,401	Q	Q	23.9
25,001 to 50,000	30	1,045	42	1,472	19	694	*	*	40.4
50,001 to 100,000	14	915	19	1,235	12	818	*	*	40.1
100,001 to 200,000	2	252	3	461	2	283	*	*	38.3
Over 200,000	1	Q	2	495	*	143	*	*	72.5
Year Constructed									
1939 or Before	7,458	18,161	16,648	38,935	8,649	20,840	1,361	2,498	6.9
1940 to 1949	3,814	7,470	6,774	12,940	3,519	6,887	447	622	10.3
1950 to 1959	6,979	14,389	11,506	22,796	5,305	10,623	542	685	7.8
1960 to 1969	7,933	19,459	11,782	28,028	5,336	13,243	842	1,196	8.9
1970 to 1979	10,187	25,511	14,967	34,976	4,793	11,355	1,606	2,324	7.2
1980 to 1987	6,350	13,793	8,747	19,105	1,815	4,153	876	1,438	12.8

\* = 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 1987 Residential Energy Consumption Survey.

**Table R5.87. End Uses for All Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1987**

Building Characteristics	All Buildings		End Uses										RSE Row Fac- tors
			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.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	
	0.9	0.8	0.9	0.9	1.4	1.4	0.9	0.8	1.3	1.3	0.9	0.8	
RSE Column Factors:	0.9	0.8	0.9	0.9	1.4	1.4	0.9	0.8	1.3	1.3	0.9	0.8	
All Buildings	70,446	156,818	69,831	155,839	33,657	77,851	69,271	154,700	42,850	99,264	70,446	156,818	1.6
Census Region													
Northeast	13,245	36,820	13,245	36,820	5,393	16,159	12,766	35,484	6,799	19,914	13,245	36,820	3.5
Midwest	18,078	44,271	18,078	44,271	8,043	20,558	18,006	44,196	11,372	29,451	18,078	44,271	3.0
South	25,629	47,135	25,425	46,918	12,683	24,469	25,079	46,548	20,210	39,565	25,629	47,135	3.0
West	13,494	28,593	13,084	27,830	7,537	16,666	13,420	28,472	4,469	10,335	13,494	28,593	2.9
Census Division													
New England	2,979	8,431	2,979	8,431	1,354	4,138	2,840	8,017	1,098	3,431	2,979	8,431	6.0
Middle Atlantic	10,266	28,389	10,266	28,389	4,039	12,020	9,926	27,467	5,702	16,483	10,266	28,389	4.2
East North Central	12,672	31,515	12,672	31,515	5,671	14,674	12,613	31,452	7,157	19,364	12,672	31,515	3.8
West North Central	5,405	12,756	5,405	12,756	2,373	5,883	5,393	12,744	4,215	10,087	5,405	12,756	6.3
South Atlantic	12,955	24,419	12,751	24,202	6,544	12,730	12,644	24,050	9,896	19,775	12,955	24,419	4.9
East South Central	5,130	9,210	5,130	9,210	2,565	4,828	5,012	9,092	4,193	7,986	5,130	9,210	10.0
West South Central	7,544	13,506	7,544	13,506	3,575	6,911	7,422	13,405	6,121	11,804	7,544	13,506	9.9
Mountain	3,676	7,233	3,676	7,233	1,741	3,889	3,676	7,229	1,106	2,422	3,676	7,233	8.5
Pacific	9,818	21,360	9,407	20,597	5,796	12,776	9,744	21,243	3,363	7,913	9,818	21,360	4.0
Type of Home													
Mobile Home	5,115	4,406	5,115	4,406	1,767	1,576	5,007	4,348	3,016	2,592	5,115	4,406	11.9
Single-Family													
Detached	55,154	118,693	54,621	117,854	29,259	67,483	54,216	116,954	33,934	75,938	55,154	118,693	2.3
Single-Family													
Attached	5,312	10,183	5,285	10,154	1,702	3,678	5,205	9,990	3,483	6,835	5,312	10,183	13.5
2 to 4 Units	3,678	11,619	3,627	11,512	712	2,661	3,661	11,533	1,667	5,616	3,678	11,619	7.1
5 or More Units	1,187	11,917	1,184	11,913	217	2,452	1,182	11,875	750	8,283	1,187	11,917	10.5
Building Floorspace (square feet)													
Fewer than 1,001	10,597	8,343	10,370	8,171	3,568	2,797	10,131	8,006	5,343	4,291	10,597	8,343	6.5
1,001 to 2,000	26,894	40,629	26,641	40,288	12,206	18,677	26,562	40,119	16,589	25,087	26,894	40,629	3.6
2,001 to 5,000	30,649	87,573	30,515	87,106	16,983	49,200	30,303	86,497	19,266	55,329	30,649	87,573	3.0
5,001 to 10,000	1,994	13,227	1,994	13,227	813	5,194	1,964	13,057	1,433	9,519	1,994	13,227	9.3
10,001 to 25,000	246	3,384	246	3,384	68	921	246	3,380	171	2,350	246	3,384	16.5
25,001 to 50,000	42	1,472	42	1,472	Q	Q	41	1,450	30	1,045	42	1,472	25.6
50,001 to 100,000	19	1,235	19	1,235	Q	Q	19	1,235	14	915	19	1,235	27.5
100,001 to 200,000	3	461	3	461	Q	Q	3	461	2	265	3	461	28.1
Over 200,000	2	495	2	495	Q	Q	2	495	1	Q	2	495	49.3
Year Constructed													
1939 or Before	16,648	38,935	16,436	38,531	7,251	17,347	16,344	38,334	7,466	18,169	16,648	38,935	5.1
1940 to 1949	6,795	12,978	6,751	12,915	2,898	5,561	6,545	12,607	3,814	7,470	6,795	12,978	6.5
1950 to 1959	11,506	22,796	11,366	22,633	5,278	10,848	11,222	22,246	7,046	14,532	11,506	22,796	4.8
1960 to 1969	11,782	28,028	11,716	27,941	6,119	14,904	11,620	27,723	7,977	19,731	11,782	28,028	5.9
1970 to 1979	14,967	34,976	14,890	34,823	7,942	19,670	14,825	34,706	10,197	25,570	14,967	34,976	4.6
1980 to 1987	8,747	19,105	8,672	18,997	4,167	9,522	8,714	19,085	6,350	13,793	8,747	19,105	8.5

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 1987 Residential Energy Consumption Survey.

**Table R6.87. End Uses for Electricity Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1987**

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:	1.8	1.7	1.2	1.3	1.2	1.2	0.8	0.7	0.5	0.5	
All Buildings	11,869	26,888	10,966	22,606	26,532	52,849	42,722	98,783	70,424	156,780	3.4
Census Region											
Northeast	1,231	3,676	1,368	4,014	3,500	8,520	6,799	19,914	13,245	36,820	7.7
Midwest	1,203	2,763	2,216	5,298	5,430	12,229	11,372	29,437	18,078	44,271	7.9
South	7,487	15,545	4,576	7,815	13,900	24,739	20,163	39,395	25,629	47,135	5.6
West	1,948	4,904	2,807	5,479	3,702	7,362	4,387	10,036	13,473	28,555	5.9
Census Division											
New England	183	513	277	863	940	2,118	1,098	3,431	2,979	8,431	12.4
Middle Atlantic	1,047	3,163	1,091	3,150	2,560	6,401	5,702	16,483	10,266	28,389	8.9
East North Central	883	1,957	1,356	3,278	4,001	8,948	7,157	19,364	12,672	31,515	10.7
West North Central	321	806	860	2,020	1,429	3,281	4,215	10,074	5,405	12,756	10.6
South Atlantic	4,536	8,897	2,392	4,110	8,647	15,179	9,896	19,775	12,955	24,419	8.2
East South Central	1,666	3,382	872	1,392	3,483	6,041	4,193	7,986	5,130	9,210	12.3
West South Central	1,285	3,266	1,312	2,313	1,770	3,519	6,074	11,634	7,544	13,506	17.2
Mountain	520	1,009	484	996	901	1,697	1,065	2,173	3,676	7,233	12.9
Pacific	1,428	3,895	2,322	4,483	2,801	5,665	3,322	7,864	9,796	21,322	7.2
Type of Home											
Mobile Home	1,038	960	902	776	3,387	2,882	3,016	2,592	5,115	4,406	15.1
Single-Family											
Detached	8,382	17,443	9,221	19,083	20,112	40,791	33,849	75,736	55,132	118,655	4.2
Single-Family											
Attached	1,489	2,433	469	909	1,908	3,427	3,483	6,835	5,312	10,183	20.1
2 to 4 Units	534	1,364	291	1,002	776	2,229	1,649	5,560	3,678	11,619	12.2
5 or More Units	427	4,688	82	835	349	3,520	724	8,060	1,187	11,917	14.5
Building Floorspace (square feet)											
Fewer than 1,001	1,539	1,199	1,739	1,323	5,005	3,858	5,335	4,283	10,597	8,343	9.3
1,001 to 2,000	5,216	7,903	4,657	7,205	11,254	16,728	16,556	25,046	26,873	40,591	6.1
2,001 to 5,000	4,715	13,133	4,358	12,290	9,825	28,029	19,213	55,171	30,649	87,573	5.0
5,001 to 10,000	279	2,002	186	1,164	375	2,558	1,405	9,334	1,994	13,227	15.9
10,001 to 25,000	96	1,322	20	275	57	811	164	2,274	246	3,384	23.3
25,001 to 50,000	18	602	Q	Q	13	430	30	1,045	42	1,472	35.6
50,001 to 100,000	Q	Q	Q	Q	Q	82	14	915	19	1,235	43.2
100,001 to 200,000	Q	Q	Q	Q	Q	Q	2	252	3	461	51.7
Over 200,000	Q	Q	Q	Q	Q	Q	1	Q	2	495	74.1
Year Constructed											
1939 or Before	637	1,406	2,838	6,544	4,905	10,421	7,458	18,161	16,648	38,935	8.4
1940 to 1949	560	944	1,092	1,953	2,332	4,072	3,814	7,470	6,774	12,940	10.5
1950 to 1959	873	1,560	2,237	4,242	3,221	5,858	6,979	14,389	11,506	22,796	8.0
1960 to 1969	1,553	3,820	1,952	4,002	3,704	7,379	7,933	19,459	11,782	28,028	8.5
1970 to 1979	4,218	10,522	2,014	4,060	6,914	14,212	10,187	25,511	14,967	34,976	7.3
1980 to 1987	4,029	8,637	833	1,804	5,456	10,907	6,350	13,793	8,747	19,105	11.2

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 1987 Residential Energy Consumption Survey.

**Table R7.87. End Uses for Natural Gas and Fuel Oil Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1987**

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	0.7	0.7	0.7	0.7	1.0	1.1	1.4	1.5	
All Buildings	39,075	88,895	2,365	4,909	36,553	86,358	29,418	67,100	8,096	22,060	2,661	8,972	6.0
Census Region													
Northeast	5,918	15,778	204	748	6,392	17,540	5,992	17,237	4,982	15,064	2,538	8,689	11.6
Midwest	12,694	32,212	554	1,180	11,430	29,598	8,969	21,921	1,430	3,705	Q	Q	9.8
South	11,508	21,886	1,102	1,710	9,892	19,802	8,110	14,827	1,373	2,522	Q	Q	13.9
West	8,955	19,019	506	1,271	8,838	19,419	6,347	13,115	Q	Q	Q	Q	7.3
Census Division													
New England	641	1,944	65	230	772	2,463	788	2,409	1,796	5,286	971	3,077	15.4
Middle Atlantic	5,277	13,833	139	518	5,620	15,077	5,204	14,828	3,186	9,777	1,567	5,612	14.6
East North Central	8,826	22,820	333	667	7,936	21,101	6,443	15,929	1,130	3,060	Q	Q	12.4
West North Central	3,868	9,392	221	514	3,494	8,496	2,526	5,993	300	645	7	Q	16.4
South Atlantic	4,085	8,961	218	397	3,315	7,704	2,584	5,815	1,265	2,314	Q	Q	24.9
East South Central	1,977	3,802	107	163	1,364	2,833	1,087	2,034	Q	Q	*	*	21.6
West South Central	5,446	9,122	777	1,149	5,213	9,265	4,439	6,978	*	*	*	*	16.9
Mountain	2,700	5,312	142	293	2,549	5,100	1,489	2,597	Q	Q	*	*	16.2
Pacific	6,255	13,707	364	979	6,290	14,319	4,858	10,518	Q	Q	Q	Q	8.7
Type of Home													
Mobile Home	1,673	1,531	Q	Q	1,151	1,107	1,651	1,511	374	255	*	*	23.5
Single-Family Detached	31,193	67,535	2,157	4,015	28,923	63,810	22,281	48,136	6,440	17,077	2,151	6,358	6.8
Single-Family Attached	3,124	6,224	Q	Q	3,140	6,186	2,627	5,081	637	1,429	157	377	24.9
2 to 4 Units	2,444	7,837	90	323	2,606	8,270	2,396	7,571	532	1,862	258	905	10.7
5 or More Units	640	5,767	26	Q	732	6,986	464	4,799	113	1,438	95	1,332	18.5
Building Floorspace (square feet)													
Fewer than 1,001	4,889	3,963	406	332	4,147	3,393	4,187	3,358	671	514	107	92	15.1
1,001 to 2,000	14,500	21,959	1,138	1,686	13,320	20,341	10,993	16,681	2,261	3,614	520	839	7.9
2,001 to 5,000	18,352	51,962	749	2,020	17,592	49,831	13,088	37,074	4,656	13,718	1,708	5,104	8.2
5,001 to 10,000	1,190	7,881	60	408	1,290	8,563	1,016	6,648	465	2,978	297	1,917	15.4
10,001 to 25,000	117	1,609	Q	Q	165	2,244	99	1,401	31	423	Q	Q	29.9
25,001 to 50,000	17	621	Q	Q	22	777	19	694	7	249	7	243	35.7
50,001 to 100,000	10	631	Q	Q	14	898	12	818	3	256	3	256	47.4
100,001 to 200,000	Q	Q	Q	Q	1	166	2	283	1	212	1	196	25.1
Over 200,000	Q	Q	Q	Q	Q	Q	*	143	*	96	*	96	35.5
Year Constructed													
1939 or Before	10,007	23,109	770	1,726	9,869	23,620	8,649	20,840	3,163	9,038	884	2,913	9.2
1940 to 1949	4,240	8,231	257	413	3,742	7,533	3,519	6,887	952	2,190	199	599	12.8
1950 to 1959	7,332	14,423	394	603	6,857	13,606	5,305	10,623	1,756	4,419	703	1,895	10.6
1960 to 1969	7,849	19,045	556	1,147	7,066	17,644	5,336	13,243	992	2,945	373	1,718	12.2
1970 to 1979	6,804	17,098	315	842	6,470	17,227	4,793	11,355	1,035	2,952	394	1,495	12.4
1980 to 1987	2,843	6,988	74	178	2,548	6,729	1,815	4,153	198	517	108	353	22.6

\* = 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 1987 Residential Energy Consumption Survey.

**Table R8.87p. Total and Average Primary Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1987**

Building Characteristics	Total			Average			RSE Row Factors
	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)	
RSE Column Factors:	1.5	1.4	1.4	0.8	0.9	0.4	
All Buildings . . . . .	156,818	14,790	97,747	94.31	0.62	6.61	1.0
Census Region							
Northeast . . . . .	36,820	3,283	24,309	89.15	0.66	7.41	2.0
Midwest . . . . .	44,271	3,980	25,028	89.90	0.57	6.29	1.8
South . . . . .	47,135	5,110	33,404	108.42	0.71	6.54	2.2
West . . . . .	28,593	2,417	15,006	84.54	0.52	6.21	2.2
Census Division							
New England . . . . .	8,431	718	5,219	85.21	0.62	7.26	2.8
Middle Atlantic . . . . .	28,389	2,564	19,090	90.32	0.67	7.44	2.5
East North Central . . . . .	31,515	2,848	18,218	90.36	0.58	6.40	2.2
West North Central . . . . .	12,756	1,132	6,809	88.76	0.53	6.01	3.9
South Atlantic . . . . .	24,419	2,507	17,569	102.68	0.72	7.01	3.6
East South Central . . . . .	9,210	1,058	6,037	114.90	0.66	5.71	5.3
West South Central . . . . .	13,506	1,545	9,798	114.39	0.73	6.34	5.2
Mountain . . . . .	7,233	714	4,195	98.67	0.58	5.88	5.3
Pacific . . . . .	21,360	1,704	10,811	79.76	0.51	6.35	3.1
Type of Home							
Mobile Home . . . . .	4,406	713	4,849	161.82	1.10	6.80	5.8
Single-Family							
Detached . . . . .	18,693	10,357	67,626	87.26	0.57	6.53	1.6
Single-Family							
Attached . . . . .	10,184	855	6,031	83.94	0.59	7.06	7.2
2 to 4 Units . . . . .	11,619	1,343	9,096	115.55	0.78	6.78	3.8
5 or More Units . . . . .	11,917	1,523	10,144	127.82	0.85	6.66	4.3
Building Floorspace (square feet)							
Fewer than 1,001 . . . . .	8,343	1,357	9,209	162.67	1.10	6.79	3.5
1,001 to 2,000 . . . . .	40,629	4,596	30,273	113.11	0.75	6.59	2.0
2,001 to 5,000 . . . . .	87,573	6,991	45,929	79.83	0.52	6.57	1.7
5,001 to 10,000 . . . . .	13,227	1,044	6,920	78.96	0.52	6.63	5.1
10,001 to 25,000 . . . . .	3,384	373	2,517	110.17	0.74	6.75	8.0
25,001 to 50,000 . . . . .	1,472	174	1,138	118.47	0.77	6.53	10.6
50,001 to 100,000 . . . . .	1,235	133	909	107.42	0.74	6.85	15.0
100,001 to 200,000 . . . . .	461	57	399	123.64	0.87	7.00	12.8
Over 200,000 . . . . .	495	65	452	131.92	0.91	6.93	23.9
Year Constructed							
1939 or Before . . . . .	38,935	3,578	23,741	91.91	0.61	6.63	2.7
1940 to 1949 . . . . .	12,978	1,296	8,586	99.85	0.66	6.63	3.6
1950 to 1959 . . . . .	22,796	2,211	14,646	97.00	0.64	6.62	2.9
1960 to 1969 . . . . .	28,028	2,652	17,393	94.63	0.62	6.56	2.9
1970 to 1979 . . . . .	34,976	3,364	22,088	96.19	0.63	6.57	2.5
1980 to 1987 . . . . .	19,105	1,688	11,293	88.37	0.59	6.69	4.0

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 1987 Residential Energy Consumption Survey.

**Table R8.87s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1987**

Building Characteristics	Total			Average			RSE Row Factors
	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		1987 Dollars	1987 Dollars	
RSE Column Factors:	1.3	1.3	1.2	0.9	0.8	0.7	
<b>All Buildings</b> .....	156,818	9,128	97,747	58.21	0.62	10.71	1.2
<b>Census Region</b>							
Northeast .....	36,820	2,370	24,309	64.37	0.66	10.26	2.2
Midwest .....	44,271	2,728	25,028	61.61	0.57	9.18	2.0
South .....	47,135	2,606	33,404	55.28	0.71	12.82	2.8
West .....	28,593	1,425	15,006	49.82	0.52	10.53	2.3
<b>Census Division</b>							
New England .....	8,431	517	5,219	61.33	0.62	10.09	3.6
Middle Atlantic .....	28,389	1,853	19,090	65.28	0.67	10.30	2.7
East North Central .....	31,515	1,987	18,218	63.05	0.58	9.17	2.4
West North Central .....	12,756	741	6,809	58.06	0.53	9.19	4.3
South Atlantic .....	24,419	1,261	17,569	51.66	0.72	13.93	4.7
East South Central .....	9,210	512	6,037	55.58	0.66	11.79	6.3
West South Central .....	13,506	832	9,798	61.63	0.73	11.77	6.1
Mountain .....	7,233	460	4,195	63.59	0.58	9.12	5.7
Pacific .....	21,360	965	10,811	45.16	0.51	11.21	3.1
<b>Type of Home</b>							
Mobile Home .....	4,406	391	4,849	88.77	1.10	12.40	6.4
Single-Family							
Detached .....	118,693	6,315	67,626	53.21	0.57	10.71	1.8
Attached .....	10,183	526	6,031	51.61	0.59	11.47	8.5
2 to 4 Units .....	11,619	939	9,096	80.79	0.78	9.69	4.0
5 or More Units .....	11,917	957	10,144	80.31	0.85	10.60	5.3
<b>Building Floorspace (square feet)</b>							
Fewer than 1,001 .....	8,343	807	9,209	96.77	1.10	11.41	3.8
1,001 to 2,000 .....	40,629	2,711	30,273	66.73	0.75	11.17	2.4
2,001 to 5,000 .....	87,573	4,418	45,929	50.45	0.52	10.39	1.9
5,001 to 10,000 .....	13,226	682	6,920	51.58	0.52	10.14	5.8
10,001 to 25,000 .....	3,384	219	2,517	64.61	0.74	11.51	9.4
25,001 to 50,000 .....	1,472	116	1,138	79.02	0.77	9.78	12.9
50,001 to 100,000 .....	1,235	96	909	77.91	0.74	9.45	16.0
100,001 to 200,000 .....	461	39	399	85.64	0.87	10.11	15.0
Over 200,000 .....	495	38	452	76.80	0.91	11.90	35.3
<b>Year Constructed</b>							
1939 or Before .....	38,935	2,587	23,741	66.44	0.61	9.18	2.9
1940 to 1949 .....	12,978	854	8,586	65.82	0.66	10.05	4.0
1950 to 1959 .....	22,796	1,432	14,646	62.84	0.64	10.22	3.1
1960 to 1969 .....	28,028	1,635	17,393	58.32	0.62	10.64	3.2
1970 to 1979 .....	34,976	1,821	22,088	52.06	0.63	12.13	3.0
1980 to 1987 .....	19,105	799	11,293	41.82	0.59	14.13	5.0

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 1987 Residential Energy Consumption Survey.



**Table R9.87p. Total and Average Primaryy Consumption and Expenditures for Electricity in Residential Buildings, 1987**

Building Characteristics	Total			Average			RSE Row Factors
	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		1987 Dollars	1987 Dollars	
RSE Column Factors:	1.2	1.4	1.3	1.0	1.0	0.5	
All Buildings . . . . .	156,780	8,419	61,580	53.70	0.39	7.31	1.4
Census Region							
Northeast . . . . .	36,820	1,357	12,339	36.84	0.34	9.10	2.4
Midwest . . . . .	44,271	1,862	14,080	42.06	0.32	7.56	3.1
South . . . . .	47,135	3,724	25,129	79.01	0.53	6.75	2.7
West . . . . .	28,555	1,476	10,032	51.69	0.35	6.80	3.0
Census Division							
New England . . . . .	8,431	299	2,565	35.52	0.30	8.57	4.2
Middle Atlantic . . . . .	28,389	1,057	9,774	37.24	0.34	9.25	2.8
East North Central . . . . .	31,515	1,280	9,962	40.61	0.32	7.78	3.9
West North Central . . . . .	12,756	582	4,118	45.64	0.32	7.07	4.2
South Atlantic . . . . .	24,419	1,852	13,081	75.86	0.54	7.06	4.8
East South Central . . . . .	9,210	812	4,654	88.21	0.51	5.73	6.0
West South Central . . . . .	13,506	1,059	7,394	78.44	0.55	6.98	5.4
Mountain . . . . .	7,233	377	2,626	52.16	0.36	6.96	6.7
Pacific . . . . .	21,322	1,099	7,406	51.53	0.35	6.74	3.9
Type of Home							
Mobile Home . . . . .	4,406	479	3,279	108.61	0.74	6.85	6.7
Single-Family							
Detached . . . . .	18,655	6,009	43,133	50.64	0.36	7.18	1.9
Single-Family							
Attached . . . . .	10,184	490	3,816	48.07	0.37	7.80	10.5
2 to 4 Units . . . . .	11,619	600	4,852	51.67	0.42	8.08	5.8
5 or More Units . . . . .	11,917	842	6,500	70.64	0.55	7.72	5.8
Building Floorspace (square feet)							
Fewer than 1,001 . . . . .	8,343	817	5,876	97.99	0.70	7.19	4.2
1,001 to 2,000 . . . . .	40,591	2,802	19,943	69.02	0.49	7.12	2.6
2,001 to 5,000 . . . . .	87,573	3,825	28,160	43.68	0.32	7.36	2.2
5,001 to 10,000 . . . . .	13,227	539	4,142	40.72	0.31	7.69	6.9
10,001 to 25,000 . . . . .	3,384	229	1,733	67.73	0.51	7.56	11.0
25,001 to 50,000 . . . . .	1,472	86	677	58.66	0.46	7.84	14.2
50,001 to 100,000 . . . . .	1,235	54	484	43.87	0.39	8.93	14.7
100,001 to 200,000 . . . . .	461	26	243	56.49	0.53	9.34	20.0
Over 200,000 . . . . .	495	Q	Q	81.96	0.65	7.97	33.7
Year Constructed							
1939 or Before . . . . .	38,935	1,474	11,718	37.87	0.30	7.95	3.2
1940 to 1949 . . . . .	12,940	657	4,870	50.74	0.38	7.42	4.3
1950 to 1959 . . . . .	22,796	1,158	8,708	50.80	0.38	7.52	3.2
1960 to 1969 . . . . .	28,028	1,513	10,988	53.99	0.39	7.26	3.7
1970 to 1979 . . . . .	34,976	2,295	16,110	65.60	0.46	7.02	3.1
1980 to 1987 . . . . .	19,105	1,322	9,188	69.21	0.48	6.95	4.7

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 1987 Residential Energy Consumption Survey.

**Table R9.87s. Total and Average Site Consumption and Expenditures for Electricity in Residential Buildings, 1987**

Building Characteristics	Total			Average			RSE Row Factors
	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		1987 Dollars	1987 Dollars	
RSE Column Factors:	1.2	1.4	1.3	1.0	1.0	0.5	
All Buildings	156,780	2,757	61,580	17.58	0.39	22.34	1.4
Census Region							
Northeast	36,820	4441	12,339	12.06	0.34	27.78	2.4
Midwest	44,271	610	14,080	13.77	0.32	23.09	3.1
South	47,135	1,219	25,129	25.87	0.53	20.61	2.7
West	28,555	483	10,032	16.93	0.35	20.76	3.0
Census Division							
New England	8,431	98	2,565	11.63	0.30	26.16	4.2
Middle Atlantic	28,389	346	9,774	12.19	0.34	28.24	2.8
East North Central	31,515	419	9,962	13.30	0.32	23.77	3.9
West North Central	12,756	191	4,118	14.94	0.32	21.60	4.2
South Atlantic	24,419	607	13,081	24.84	0.54	21.57	4.8
East South Central	9,210	266	4,654	28.88	0.51	17.50	6.0
West South Central	13,506	347	7,394	25.68	0.55	21.31	5.4
Mountain	7,233	124	2,626	17.08	0.36	21.26	6.7
Pacific	21,322	360	7,406	16.87	0.35	20.58	3.9
Type of Home							
Mobile Home	4,406	157	3,279	35.56	0.74	20.93	6.7
Single-Family							
Detached	118,655	1,968	43,133	16.58	0.36	21.92	1.9
Single-Family							
Attached	10,183	160	3,816	15.74	0.37	23.81	10.5
2 to 4 Units	11,619	197	4,852	16.92	0.42	24.68	5.8
5 or More Units	11,917	276	6,500	23.13	0.55	23.58	5.8
Building Floorspace (square feet)							
Fewer than 1,001	8,343	268	5,876	32.08	0.70	21.95	4.2
1,001 to 2,000	40,591	917	19,943	22.60	0.49	21.74	2.6
2,001 to 5,000	87,573	1,252	28,160	14.30	0.32	22.49	2.2
5,001 to 10,000	13,226	176	4,142	13.33	0.31	23.48	6.9
10,001 to 25,000	3,384	75	1,733	22.18	0.51	23.09	11.0
25,001 to 50,000	1,472	28	677	19.21	0.46	23.94	14.2
50,001 to 100,000	1,235	18	484	14.36	0.39	27.26	14.7
100,001 to 200,000	461	9	243	18.50	0.53	28.54	20.0
Over 200,000	495	Q	Q	26.84	0.65	24.35	31.9
Year Constructed							
1939 or Before	38,935	483	11,718	12.40	0.30	24.27	3.2
1940 to 1949	12,940	215	4,870	16.62	0.38	22.65	4.3
1950 to 1959	22,796	379	8,708	16.63	0.38	22.97	3.2
1960 to 1969	28,028	495	10,988	17.68	0.39	22.18	3.7
1970 to 1979	34,976	751	16,110	21.48	0.46	21.44	3.1
1980 to 1987	19,105	433	9,188	22.66	0.48	21.22	4.7

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 1987 Residential Energy Consumption Survey.

**Table R10.87. Total and Average Consumption and Expenditures for Natural Gas in Residential Buildings, 1987**

Building Characteristics	Total			Average			RSE Row Factors
	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		1987 Dollars	1987 Dollars	
RSE Column Factors:	1.5	1.6	1.6	0.8	0.8	0.4	
<b>All Buildings</b> .....	99,357	4,832	26,149	48.63	0.26	5.41	2.3
<b>Census Region</b>							
Northeast .....	21,181	1,033	6,666	48.79	0.31	6.45	6.2
Midwest .....	33,280	1,827	9,003	54.91	0.27	4.93	2.7
South .....	23,670	1,095	6,051	46.24	0.26	5.53	5.9
West .....	21,225	876	4,429	41.29	0.21	5.05	3.1
<b>Census Division</b>							
New England .....	2,994	147	993	49.10	0.33	6.75	7.5
Middle Atlantic .....	18,187	886	5,673	48.74	0.31	6.40	7.1
East North Central .....	23,577	1,349	6,762	57.23	0.29	5.01	3.2
West North Central .....	9,703	478	2,242	49.27	0.23	4.69	5.4
South Atlantic .....	9,738	451	2,934	46.31	0.30	6.50	7.4
East South Central .....	3,889	189	931	48.65	0.24	4.92	8.3
West South Central .....	10,043	454	2,187	45.24	0.22	4.81	8.9
Mountain .....	5,638	313	1,422	55.51	0.25	4.54	6.3
Pacific .....	15,587	563	3,006	36.14	0.19	5.34	3.5
<b>Type of Home</b>							
Mobile Home .....	1,582	123	636	77.53	0.40	5.19	10.5
Single-Family							
Detached .....	72,994	3,299	17,497	45.19	0.24	5.30	2.9
Attached .....	7,018	293	1,749	41.71	0.25	5.98	10.3
2 to 4 Units .....	9,398	610	3,445	64.88	0.37	5.65	4.5
5 or More Units .....	8,365	508	2,822	60.73	0.34	5.56	7.6
<b>Building Floorspace (square feet)</b>							
Fewer than 1,001 .....	4,342	375	1,980	86.26	0.46	5.29	5.3
1,001 to 2,000 .....	23,797	1,375	7,398	57.77	0.31	5.38	3.4
2,001 to 5,000 .....	56,406	2,457	13,298	43.56	0.24	5.41	2.7
5,001 to 10,000 .....	9,548	386	2,076	40.38	0.22	5.38	6.8
10,001 to 25,000 .....	2,484	115	645	46.10	0.26	5.63	10.9
25,001 to 50,000 .....	1,052	53	308	50.40	0.29	5.81	15.3
50,001 to 100,000 .....	1,142	47	292	41.55	0.26	6.15	21.2
100,001 to 200,000 .....	344	11	68	31.13	0.20	6.38	26.8
Over 200,000 .....	240	Q	Q	58.68	0.35	5.90	49.7
<b>Year Constructed</b>							
1939 or Before .....	27,678	1,525	8,434	55.11	0.30	5.53	4.3
1940 to 1949 .....	9,259	481	2,692	51.92	0.29	5.60	4.8
1950 to 1959 .....	15,558	786	4,188	50.51	0.27	5.33	4.2
1960 to 1969 .....	20,355	922	5,071	45.31	0.25	5.50	4.1
1970 to 1979 .....	18,846	822	4,193	43.60	0.22	5.10	4.3
1980 to 1987 .....	7,661	296	1,570	38.63	0.20	5.31	8.2

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 1987 Residential Energy Consumption Survey.

**Table R11.87. Total and Average Consumption and Expenditures for Fuel Oil in Residential Buildings, 1987**

Building Characteristics	Total			Average			RSE Row Factors
	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		1987 Dollars	1987 Dollars	
RSE Column Factors:	2.0	1.8	1.8	0.9	0.9	0.2	
All Buildings . . . . .	24,777	1,135	6,559	45.81	0.26	5.78	3.6
Census Region							
Northeast . . . . .	16,112	845	4,860	52.45	0.30	5.75	4.4
Midwest . . . . .	4,745	147	857	30.90	0.18	5.85	6.8
South . . . . .	3,058	126	741	41.17	0.24	5.88	9.0
West . . . . .	Q	17	102	20.17	0.12	5.85	26.5
Census Division							
New England . . . . .	5,615	258	1,521	45.95	0.27	5.89	3.3
Middle Atlantic . . . . .	10,497	587	3,339	55.93	0.32	5.69	6.2
East North Central . . . . .	3,915	123	724	31.46	0.19	5.88	7.4
West North Central . . . . .	830	23	133	28.27	0.16	5.67	15.5
South Atlantic . . . . .	2,801	113	664	40.35	0.24	5.88	9.4
East South Central . . . . .	Q	Q	Q	Q	Q	5.91	30.4
West South Central . . . . .	*	*	*	NC	NC	NC	0.0
Mountain . . . . .	Q	Q	Q	33.88	0.18	5.28	26.5
Pacific . . . . .	Q	Q	Q	18.10	0.11	6.02	31.0
Type of Home							
Mobile Home . . . . .	269	26	160	95.77	0.60	6.22	11.5
Single-Family							
Detached . . . . .	19,455	741	4,400	38.09	0.23	5.94	3.8
Single-Family							
Attached . . . . .	1,429	68	421	47.43	0.29	6.22	16.1
2 to 4 Units . . . . .	1,955	129	774	66.09	0.40	5.99	6.0
5 or More Units . . . . .	1,669	171	803	102.62	0.48	4.69	10.5
Building Floorspace (square feet)							
Fewer than 1,001 . . . . .	529	48	295	91.31	0.56	6.12	8.8
1,001 to 2,000 . . . . .	4,294	250	1,518	58.27	0.35	6.07	5.3
2,001 to 5,000 . . . . .	15,371	592	3,500	38.54	0.23	5.91	4.1
5,001 to 10,000 . . . . .	3,190	119	692	37.23	0.22	5.82	8.2
10,001 to 25,000 . . . . .	423	29	136	68.11	0.32	4.74	28.6
25,001 to 50,000 . . . . .	279	35	150	124.64	0.54	4.31	12.1
50,001 to 100,000 . . . . .	324	31	134	95.69	0.41	4.31	23.1
100,001 to 200,000 . . . . .	225	20	87	89.78	0.39	4.31	8.5
Over 200,000 . . . . .	143	11	46	74.46	0.32	4.31	24.9
Year Constructed							
1939 or Before . . . . .	10,105	488	2,843	48.26	0.28	5.83	5.7
1940 to 1949 . . . . .	2,531	121	683	47.78	0.27	5.64	8.2
1950 to 1959 . . . . .	4,889	212	1,254	43.41	0.26	5.91	5.8
1960 to 1969 . . . . .	3,242	164	906	50.71	0.28	5.51	8.2
1970 to 1979 . . . . .	3,352	128	746	38.11	0.22	5.84	8.6
1980 to 1987 . . . . .	658	22	127	33.48	0.19	5.76	13.2

NC = No cases in sample.

\* = 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 1987 Residential Energy Consumption Survey.

**Table R12A.87p. Total Primary Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1987**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.4	0.5	0.5	0.8	0.8	1.3	1.3	1.8	2.6	1.9	2.3	
All Buildings	70,446	14,790	70,424	8,419	42,599	4,832	9,143	1,135	5,918	89	7,610	315	4.1
Census Region													
Northeast	13,245	3,283	13,245	1,357	7,448	1,033	5,342	845	1,273	29	1,067	18	8.2
Midwest	18,078	3,980	18,078	1,862	13,185	1,827	1,894	147	1,371	13	2,248	131	7.5
South	25,629	5,110	25,629	3,724	12,270	1,095	1,555	126	3,038	46	3,343	120	7.6
West	13,494	2,417	13,473	1,476	9,697	876	353	17	236	Q	952	47	10.4
Census Division													
New England	2,979	718	2,979	299	958	147	1,904	258	178	5	433	9	9.7
Middle Atlantic	10,266	2,564	10,266	1,057	6,490	886	3,438	587	1,095	24	634	9	10.4
East North Central	12,672	2,848	12,672	1,280	9,191	1,349	1,528	123	1,169	12	1,486	84	10.0
West North Central	5,405	1,132	5,405	582	3,994	478	366	23	202	Q	762	47	12.9
South Atlantic	12,955	2,507	12,955	1,852	4,465	451	1,417	113	2,150	33	1,889	58	11.3
East South Central	5,130	1,058	5,130	812	2,016	189	Q	Q	809	12	764	32	12.2
West South Central	7,544	1,545	7,544	1,059	5,789	454	*	*	Q	Q	691	Q	16.2
Mountain	3,676	714	3,676	377	2,839	313	Q	Q	Q	Q	Q	Q	15.0
Pacific	9,818	1,704	9,796	1,099	6,858	563	Q	Q	136	Q	707	27	9.2
Type of Home													
Mobile Home	5,115	713	5,115	479	1,725	123	396	26	931	24	1,893	62	17.4
Single-Family													
Detached	55,154	10,357	55,132	6,009	33,586	3,299	7,427	741	4,550	57	5,662	251	5.0
Single-Family													
Attached	5,312	855	5,312	490	3,535	293	637	68	341	5	Q	Q	21.6
2 to 4 Units	3,678	1,343	3,678	600	2,934	610	560	129	83	3	Q	Q	12.1
5 or More Units	1,187	1,523	1,187	842	818	508	124	171	13	1	Q	Q	17.3
Building Floorspace (square feet)													
Fewer than 1,001	10,597	1,357	10,597	817	5,339	375	693	48	1,450	34	2,728	82	11.3
1,001 to 2,000	26,894	4,596	26,873	2,802	15,660	1,375	2,708	250	2,229	31	2,966	138	7.0
2,001 to 5,000	30,649	6,991	30,649	3,825	19,924	2,457	5,199	592	2,159	23	1,897	94	6.2
5,001 to 10,000	1,994	1,044	1,994	539	1,443	386	499	119	75	1	Q	Q	15.9
10,001 to 25,000	246	373	246	229	183	115	31	29	Q	Q	Q	Q	28.6
25,001 to 50,000	42	174	42	86	29	53	8	35	*	*	Q	Q	35.4
50,001 to 100,000	19	133	19	54	17	47	4	31	*	*	*	*	39.4
100,001 to 200,000	3	57	3	26	2	11	2	20	*	*	*	*	34.7
Over 200,000	2	65	2	Q	Q	Q	*	11	*	*	*	*	59.4
Year Constructed													
1939 or Before	16,648	3,578	16,648	1,474	11,542	1,525	3,565	488	1,472	23	1,813	68	8.4
1940 to 1949	6,795	1,296	6,774	657	4,673	481	1,077	121	693	6	688	31	11.4
1950 to 1959	11,506	2,211	11,506	1,158	7,817	786	1,969	212	675	12	966	43	9.6
1960 to 1969	11,782	2,652	11,782	1,513	8,200	922	1,097	164	894	14	1,027	39	9.9
1970 to 1979	14,967	3,364	14,967	2,295	7,317	822	1,184	128	1,698	26	1,947	94	9.5
1980 to 1987	8,747	1,688	8,747	1,322	3,050	296	252	22	486	8	1,168	40	15.5

\* = 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 1987 Residential Energy Consumption Survey.

**Table R12A.87s. Total Site Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1987**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.4	0.5	0.5	0.8	0.8	1.3	1.3	1.8	2.6	1.9	2.3	
All Buildings	70,446	9,128	70,424	2,757	42,599	4,832	9,143	1,135	5,918	89	7,610	315	4.2
Census Region													
Northeast	13,245	2,370	13,245	444	7,448	1,033	5,342	845	1,273	29	1,067	18	8.3
Midwest	18,078	2,728	18,078	610	13,185	1,827	1,894	147	1,371	13	2,248	131	7.5
South	25,629	2,606	25,629	1,219	12,270	1,095	1,555	126	3,038	46	3,343	120	8.0
West	13,494	1,425	13,473	483	9,697	876	353	17	236	Q	952	47	10.6
Census Division													
New England	2,979	517	2,979	98	958	147	1,904	258	178	5	433	9	9.8
Middle Atlantic	10,266	1,853	10,266	346	6,490	886	3,438	587	1,095	24	634	9	10.6
East North Central	12,672	1,987	12,672	419	9,191	1,349	1,528	123	1,169	12	1,486	84	10.1
West North Central	5,405	741	5,405	191	3,994	478	366	23	202	Q	762	47	13.0
South Atlantic	12,955	1,261	12,955	607	4,465	451	1,417	113	2,150	33	1,889	58	11.7
East South Central	5,130	512	5,130	266	2,016	189	Q	Q	809	12	764	32	12.5
West South Central	7,544	832	7,544	347	5,789	454	*	*	Q	Q	691	Q	16.2
Mountain	3,676	460	3,676	124	2,839	313	Q	Q	Q	Q	Q	Q	15.1
Pacific	9,818	965	9,796	360	6,858	563	Q	Q	136	Q	707	27	9.5
Type of Home													
Mobile Home	5,115	391	5,115	157	1,725	123	396	26	931	24	1,893	62	17.4
Single-Family													
Detached	55,154	6,315	55,132	1,968	33,586	3,299	7,427	741	4,550	57	5,662	251	5.1
Single-Family													
Attached	5,312	526	5,312	160	3,535	293	637	68	341	5	Q	Q	21.4
2 to 4 Units	3,678	939	3,678	197	2,934	610	560	129	83	3	Q	Q	12.0
5 or More Units	1,187	957	1,187	276	818	508	124	171	13	1	Q	Q	17.1
Building Floorspace (square feet)													
Fewer than 1,001	10,597	807	10,597	268	5,339	375	693	48	1,450	34	2,728	82	11.3
1,001 to 2,000	26,894	2,711	26,873	917	15,660	1,375	2,708	250	2,229	31	2,966	138	7.0
2,001 to 5,000	30,649	4,418	30,649	1,252	19,924	2,457	5,199	592	2,159	23	1,897	94	6.2
5,001 to 10,000	1,994	682	1,994	176	1,443	386	499	119	75	1	Q	Q	15.9
10,001 to 25,000	246	219	246	75	183	115	31	29	Q	Q	Q	Q	28.1
25,001 to 50,000	42	116	42	28	29	53	8	35	*	*	Q	Q	35.1
50,001 to 100,000	19	96	19	18	17	47	4	31	*	*	*	*	39.3
100,001 to 200,000	3	39	3	9	2	11	2	20	*	*	*	*	34.2
Over 200,000	2	40	2	Q	Q	Q	*	11	*	*	*	*	80.0
Year Constructed													
1939 or Before	16,648	2,587	16,648	483	11,542	1,525	3,565	488	1,472	23	1,813	68	8.5
1940 to 1949	6,795	854	6,774	215	4,673	481	1,077	121	693	6	688	31	11.5
1950 to 1959	11,506	1,432	11,506	379	7,817	786	1,969	212	675	12	966	43	9.6
1960 to 1969	11,782	1,635	11,782	495	8,200	922	1,097	164	894	14	1,027	39	9.9
1970 to 1979	14,967	1,821	14,967	751	7,317	822	1,184	128	1,698	26	1,947	94	9.5
1980 to 1987	8,747	799	8,747	433	3,050	296	252	22	486	8	1,168	40	15.5

\* = 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 1987 Residential Energy Consumption Survey.

**Table R12B.87p. Total Primary Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1987**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.4	0.5	0.5	0.8	0.8	1.3	1.3	1.8	2.6	1.9	2.3	
All Buildings	156,818	14,790	156,780	8,419	99,357	4,832	24,777	1,135	10,939	89	12,286	315	4.0
Census Region													
Northeast	36,820	3,283	36,820	1,357	21,181	1,033	16,112	845	2,653	29	2,060	18	7.8
Midwest	44,271	3,980	44,271	1,862	33,280	1,827	4,745	147	3,074	13	4,339	131	7.0
South	47,135	5,110	47,135	3,724	23,670	1,095	3,058	126	4,657	46	4,367	120	7.9
West	28,593	2,417	28,555	1,476	21,225	876	Q	17	555	Q	1,521	47	8.5
Census Division													
New England	8,431	718	8,431	299	2,994	147	5,615	258	345	5	889	9	10.1
Middle Atlantic	28,389	2,564	28,389	1,057	18,187	886	10,497	587	2,308	24	1,171	9	9.9
East North Central	31,515	2,848	31,515	1,280	23,577	1,349	3,915	123	2,713	12	2,824	84	8.6
West North Central	12,756	1,132	12,756	582	9,703	478	830	23	361	Q	1,515	47	13.0
South Atlantic	24,419	2,507	24,419	1,852	9,738	451	2,801	113	3,183	33	2,390	58	12.0
East South Central	9,210	1,058	9,210	812	3,889	189	Q	Q	1,288	12	1,039	32	12.9
West South Central	13,506	1,545	13,506	1,059	10,043	454	*	*	Q	Q	937	Q	17.1
Mountain	7,233	714	7,233	377	5,638	313	Q	Q	Q	Q	Q	Q	14.6
Pacific	21,360	1,704	21,322	1,099	15,587	563	Q	Q	333	Q	1,143	27	8.7
Type of Home													
Mobile Home	4,406	713	4,406	479	1,582	123	269	26	736	24	1,458	62	17.7
Single-Family													
Detached	118,693	10,357	118,655	6,009	72,994	3,299	19,455	741	9,059	57	10,593	251	5.2
Single-Family													
Attached	10,183	855	10,183	490	7,018	293	1,429	68	714	5	Q	Q	22.1
2 to 4 Units	11,619	1,343	11,619	600	9,398	610	1,955	129	319	3	Q	Q	12.3
5 or More Units	11,917	1,523	11,917	842	8,365	508	1,669	171	Q	1	Q	Q	16.4
Building Floorspace (square feet)													
Fewer than 1,001	8,343	1,357	8,343	817	4,342	375	529	48	1,147	34	2,006	82	11.3
1,001 to 2,000	40,629	4,596	40,591	2,802	23,797	1,375	4,294	250	3,269	31	4,362	138	7.1
2,001 to 5,000	87,573	6,991	87,573	3,825	56,406	2,457	15,371	592	6,003	23	5,751	94	6.3
5,001 to 10,000	13,227	1,044	13,227	539	9,548	386	3,190	119	472	1	Q	Q	16.0
10,001 to 25,000	3,384	373	3,384	229	2,484	115	423	29	Q	Q	Q	Q	28.1
25,001 to 50,000	1,472	174	1,472	86	1,052	53	279	35	*	*	Q	Q	34.4
50,001 to 100,000	1,235	133	1,235	54	1,142	47	324	31	*	*	*	*	38.6
100,001 to 200,000	461	57	461	26	344	11	225	20	*	*	*	*	35.1
Over 200,000	495	65	495	Q	240	Q	143	11	*	*	*	*	61.9
Year Constructed													
1939 or Before	38,935	3,578	38,935	1,474	27,678	1,525	10,105	488	3,221	23	3,430	68	8.5
1940 to 1949	12,978	1,296	12,940	657	9,259	481	2,531	121	1,256	6	1,010	31	11.5
1950 to 1959	22,796	2,211	22,796	1,158	15,558	786	4,889	212	1,222	12	1,423	43	9.5
1960 to 1969	28,028	2,652	28,028	1,513	20,355	922	3,242	164	1,656	14	1,558	39	10.5
1970 to 1979	34,976	3,364	34,976	2,295	18,846	822	3,352	128	2,852	26	2,944	94	9.1
1980 to 1987	19,105	1,688	19,105	1,322	7,661	296	658	22	733	8	1,920	40	15.5

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 1987 Residential Energy Consumption Survey.

**Table R12B.87s. Total Site Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1987**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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)	
	0.4	0.5	0.4	0.5	0.8	0.8	1.3	1.3	1.8	2.6	1.9	2.3	
All Buildings . . . . .	156,818	9,128	156,780	2,757	99,357	4,832	24,777	1,135	10,939	89	12,286	315	4.1
Census Region													
Northeast . . . . .	36,820	2,370	36,820	444	21,181	1,033	16,112	845	2,653	29	2,060	18	7.9
Midwest . . . . .	44,271	2,728	44,271	610	33,280	1,827	4,745	147	3,074	13	4,339	131	7.0
South . . . . .	47,135	2,606	47,135	1,219	23,670	1,095	3,058	126	4,657	46	4,367	120	8.2
West . . . . .	28,593	1,425	28,555	483	21,225	876	Q	17	555	Q	1,521	47	8.7
Census Division													
New England . . . . .	8,431	517	8,431	98	2,994	147	5,615	258	345	5	889	9	10.3
Middle Atlantic . . . . .	28,389	1,853	28,389	346	18,187	886	10,497	587	2,308	24	1,171	9	10.1
East North Central . . . . .	31,515	1,987	31,515	419	23,577	1,349	3,915	123	2,713	12	2,824	84	8.7
West North Central . . . . .	12,756	741	12,756	191	9,703	478	830	23	361	Q	1,515	47	13.0
South Atlantic . . . . .	24,419	1,261	24,419	607	9,738	451	2,801	113	3,183	33	2,390	58	12.4
East South Central . . . . .	9,210	512	9,210	266	3,889	189	Q	Q	1,288	12	1,039	32	13.2
West South Central . . . . .	13,506	832	13,506	347	10,043	454	*	*	Q	Q	937	Q	17.1
Mountain . . . . .	7,233	460	7,233	124	5,638	313	Q	Q	Q	Q	Q	Q	14.8
Pacific . . . . .	21,360	965	21,322	360	15,587	563	Q	Q	333	Q	1,143	27	9.1
Type of Home													
Mobile Home . . . . .	4,406	391	4,406	157	1,582	123	269	26	736	24	1,458	62	17.7
Single-Family													
Detached . . . . .	118,693	6,315	118,655	1,968	72,994	3,299	19,455	741	9,059	57	10,593	251	5.3
Single-Family													
Attached . . . . .	10,183	526	10,183	160	7,018	293	1,429	68	714	5	Q	Q	21.9
2 to 4 Units . . . . .	11,619	939	11,619	197	9,398	610	1,955	129	319	3	Q	Q	12.2
5 or More Units . . . . .	11,917	957	11,917	276	8,365	508	1,669	171	Q	1	Q	Q	16.1
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	8,343	807	8,343	268	4,342	375	529	48	1,147	34	2,006	82	11.3
1,001 to 2,000 . . . . .	40,629	2,711	40,591	917	23,797	1,375	4,294	250	3,269	31	4,362	138	7.1
2,001 to 5,000 . . . . .	87,573	4,418	87,573	1,252	56,406	2,457	15,371	592	6,003	23	5,751	94	6.3
5,001 to 10,000 . . . . .	13,227	682	13,227	176	9,548	386	3,190	119	472	1	Q	Q	16.0
10,001 to 25,000 . . . . .	3,384	219	3,384	75	2,484	115	423	29	Q	Q	Q	Q	27.6
25,001 to 50,000 . . . . .	1,472	116	1,472	28	1,052	53	279	35	*	*	Q	Q	34.1
50,001 to 100,000 . . . . .	1,235	96	1,235	18	1,142	47	324	31	*	*	*	*	38.4
100,001 to 200,000 . . . . .	461	39	461	9	344	11	225	20	*	*	*	*	34.6
Over 200,000 . . . . .	495	40	495	Q	240	Q	143	11	*	*	*	*	62.0
Year Constructed													
1939 or Before . . . . .	38,935	2,587	38,935	483	27,678	1,525	10,105	488	3,221	23	3,430	68	8.5
1940 to 1949 . . . . .	12,978	854	12,940	215	9,259	481	2,531	121	1,256	6	1,010	31	11.6
1950 to 1959 . . . . .	22,796	1,432	22,796	379	15,558	786	4,889	212	1,222	12	1,423	43	9.6
1960 to 1969 . . . . .	28,028	1,635	28,028	495	20,355	922	3,242	164	1,656	14	1,558	39	10.5
1970 to 1979 . . . . .	34,976	1,821	34,976	751	18,846	822	3,352	128	2,852	26	2,944	94	9.1
1980 to 1987 . . . . .	19,105	799	19,105	433	7,661	296	658	22	733	8	1,920	40	15.6

\* = 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 1987 Residential Energy Consumption Survey.



**Table R13A.87p. Space Heating Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1987**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.9	NF	0.7	NF	1.2	NF	1.4	NF	2.0	NF	
All Buildings	68,638	5,522	22,038	863	40,205	3,382	9,111	966	5,859	88	5009	222	4.9
Census Region													
Northeast	13,099	1,595	2,555	145	6,052	733	5,337	682	1,273	29	133	7	11.1
Midwest	17,864	1,807	3,391	137	13,000	1,410	1,892	145	1,321	13	1690	101	9.1
South	24,867	1,406	11,425	412	11,849	744	1,555	123	3,038	46	2521	82	8.6
West	12,808	714	4,668	169	9,304	495	327	17	227	Q	666	32	12.8
Census Division													
New England	2,938	350	461	30	693	102	1,904	210	178	5	60	3	14.3
Middle Atlantic	10,161	1,245	2,094	115	5,359	631	3,433	471	1,095	24	72	3	13.6
East North Central	12,531	1,342	2,239	102	9,057	1,041	1,528	122	1,123	12	1085	65	12.2
West North Central	5,333	464	1,152	36	3,943	369	364	23	Q	Q	605	36	12.5
South Atlantic	12,443	722	6,440	211	4,215	331	1,417	110	2,150	33	1291	38	12.7
East South Central	4,927	315	2,426	126	2,006	139	Q	Q	809	12	618	26	12.6
West South Central	7,496	369	2,560	76	5,627	274	*	*	Q	Q	611	Q	19.1
Mountain	3,581	269	994	29	2,794	222	Q	Q	Q	Q	Q	Q	13.1
Pacific	9,227	444	3,674	140	6,510	274	Q	Q	136	Q	447	17	11.9
Type of Home													
Mobile Home	5,029	238	1,783	56	1,682	87	396	26	877	24	1323	44	17.4
Single-Family													
Detached	53,549	3,786	17,067	550	32,227	2,354	7,401	649	4,545	56	3680	177	5.4
Single-Family													
Attached	5,285	350	1,895	78	3,145	206	637	61	341	5	*	*	23.3
2 to 4 Units	3,592	597	806	67	2,496	419	553	108	83	3	*	*	13.0
5 or More Units	1,183	552	486	111	656	316	124	122	13	1	Q	Q	20.4
Building Floorspace (square feet)													
Fewer than 1,001	9,954	459	3,132	76	5,029	250	693	45	1,405	34	1724	54	11.0
1,001 to 2,000	26,184	1,589	9,529	290	15,025	942	2,688	224	2,221	31	2190	101	7.6
2,001 to 5,000	30,202	2,760	8,780	390	18,775	1,771	5,186	510	2,155	23	1085	67	6.6
5,001 to 10,000	1,986	418	452	49	1,218	272	499	97	75	1	Q	Q	18.1
10,001 to 25,000	246	122	115	30	122	69	31	22	Q	Q	*	*	29.6
25,001 to 50,000	42	65	21	10	19	30	8	24	*	*	Q	Q	40.8
50,001 to 100,000	19	57	Q	5	14	30	4	22	*	*	*	*	48.4
100,001 to 200,000	3	25	1	Q	1	Q	2	14	*	*	*	*	40.8
Over 200,000	2	28	Q	Q	Q	Q	*	8	*	*	*	*	111.5
Year Constructed													
1939 or Before	16,065	1,719	3,432	79	10,379	1,137	3,558	431	1,467	23	1047	49	9.3
1940 to 1949	6,555	508	1,544	38	4,297	337	1,077	104	693	6	448	22	12.3
1950 to 1959	11,237	828	2,999	66	7,527	538	1,956	177	675	12	689	34	10.3
1960 to 1969	11,582	934	3,317	140	8,040	623	1,097	130	894	13	652	28	10.4
1970 to 1979	14,687	1,096	5,991	341	7,044	559	1,171	106	1,652	26	1368	62	9.9
1980 to 1987	8,511	438	4,755	198	2,917	189	252	17	478	8	804	27	15.4

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 1987 Residential Energy Consumption Survey.

**Table R13A.87s. Space Heating Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1987**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.9	NF	0.7	NF	1.2	NF	1.6	NF	2.0	NF	
All Buildings	68,638	4,941	22,038	283	40,205	3,382	9,111	966	5,859	88	5,009	222	4.9
Census Region													
Northeast	13,099	1,498	2,555	47	6,052	733	5,337	682	1,273	29	133	7	11.1
Midwest	17,864	1,714	3,391	45	13,000	1,410	1,892	145	1,321	13	1,690	101	9.1
South	24,867	1,129	11,425	135	11,849	744	1,555	123	3,038	46	2,521	82	8.6
West	12,808	600	4,668	55	9,304	495	327	17	227	Q	666	32	12.8
Census Division													
New England	2,938	330	461	10	693	102	1,904	210	178	5	60	3	14.3
Middle Atlantic	10,161	1,168	2,094	38	5,359	631	3,433	471	1,095	24	72	3	13.6
East North Central	12,531	1,274	2,239	33	9,057	1,041	1,528	122	1,123	12	1,085	65	12.2
West North Central	5,333	440	1,152	12	3,943	369	364	23	Q	Q	605	36	12.5
South Atlantic	12,443	580	6,440	69	4,215	331	1,417	110	2,150	33	1,291	38	12.7
East South Central	4,927	231	2,426	41	2,006	139	Q	Q	809	12	618	26	12.6
West South Central	7,496	318	2,560	25	5,627	274	*	*	Q	Q	611	Q	19.1
Mountain	3,581	250	994	9	2,794	222	Q	Q	Q	Q	Q	Q	13.1
Pacific	9,227	350	3,674	46	6,510	274	Q	Q	136	Q	447	17	11.9
Type of Home													
Mobile Home	5,029	200	1,783	18	1,682	87	396	26	877	24	1,323	44	17.4
Single-Family													
Detached	53,549	3,416	17,067	180	32,227	2,354	7,401	649	4,545	56	3,680	177	5.4
Single-Family													
Attached	5,285	297	1,895	26	3,145	206	637	61	341	5	*	*	23.3
2 to 4 Units	3,592	552	806	22	2,496	419	553	108	83	3	*	*	13.0
5 or More Units	1,183	477	486	36	656	316	124	122	13	1	Q	Q	20.4
Building Floorspace (square feet)													
Fewer than 1,001	9,954	408	3,132	25	5,029	250	693	45	1,405	34	1,724	54	11.0
1,001 to 2,000	26,184	1,393	9,529	95	15,025	942	2,688	224	2,221	31	2,190	101	7.6
2,001 to 5,000	30,202	2,498	8,780	128	18,775	1,771	5,186	510	2,155	23	1,085	67	6.6
5,001 to 10,000	1,986	386	452	16	1,218	272	499	97	75	1	Q	Q	18.1
10,001 to 25,000	246	101	115	10	122	69	31	22	Q	Q	*	*	29.6
25,001 to 50,000	42	58	21	3	19	30	8	24	*	*	Q	Q	40.8
50,001 to 100,000	19	54	Q	2	14	30	4	22	*	*	*	*	48.4
100,001 to 200,000	3	22	1	Q	1	Q	2	14	*	*	*	*	40.8
Over 200,000	2	21	Q	Q	Q	Q	*	8	*	*	*	*	111.5
Year Constructed													
1939 or Before	16,065	1,665	3,432	26	10,379	1,137	3,558	431	1,467	23	1,047	49	9.3
1940 to 1949	6,555	482	1,544	13	4,297	337	1,077	104	693	6	448	22	12.3
1950 to 1959	11,237	783	2,999	22	7,527	538	1,956	177	675	12	689	34	10.3
1960 to 1969	11,582	840	3,317	46	8,040	623	1,097	130	894	13	652	28	10.4
1970 to 1979	14,687	866	5,991	112	7,044	559	1,171	106	1,652	26	1,368	62	9.9
1980 to 1987	8,511	305	4,755	65	2,917	189	252	17	478	8	804	27	15.4

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 1987 Residential Energy Consumption Survey.

**Table R13B.87p. Space Heating Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1987**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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)	
	0.4	NF	0.8	NF	0.7	NF	1.2	NF	1.7	NF	2.0	NF	
All Buildings	153,882	5,522	47,951	863	91,677	3,382	24,702	966	10,893	88	7,822	222	4.7
Census Region													
Northeast	36,454	1,595	7,510	145	16,363	733	16,106	682	2,653	29	219	7	10.1
Midwest	43,863	1,807	7,987	137	32,860	1,410	4,743	145	3,038	13	3,344	101	8.5
South	46,236	1,406	22,241	412	22,489	744	3,058	123	4,657	46	3,236	82	9.0
West	27,329	714	10,213	169	19,965	495	Q	17	545	Q	1,023	32	9.5
Census Division													
New England	8,372	350	1,377	30	2,137	102	5,615	210	345	5	Q	3	12.7
Middle Atlantic	28,082	1,245	6,133	115	14,227	631	10,490	471	2,308	24	138	3	12.0
East North Central	31,280	1,342	5,235	102	23,296	1,041	3,915	122	2,688	12	2,102	65	10.5
West North Central	12,583	464	2,753	36	9,564	369	828	23	350	Q	1,242	36	14.6
South Atlantic	23,797	722	12,121	211	9,184	331	2,801	110	3,183	33	1,598	38	13.5
East South Central	8,975	315	4,602	126	3,842	139	Q	Q	1,288	12	796	26	13.3
West South Central	13,464	369	5,519	76	9,463	274	*	*	Q	Q	842	Q	21.0
Mountain	7,015	269	1,987	29	5,522	222	Q	Q	Q	Q	Q	Q	13.6
Pacific	20,314	444	8,226	140	14,443	274	Q	Q	333	Q	670	17	11.5
Type of Home													
Mobile Home	4,320	238	1,619	56	1,540	87	269	26	701	24	1,046	44	18.1
Single-Family													
Detached	116,107	3,786	35,453	550	69,595	2,354	19,389	649	9,048	56	6,740	177	5.8
Single-Family													
Attached	10,154	350	3,193	78	6,250	206	1,429	61	714	5	*	*	24.3
2 to 4 Units	11,398	597	2,328	67	8,075	419	1,946	108	319	3	*	*	13.3
5 or More Units	11,904	552	5,358	111	6,218	316	1,669	122	Q	1	Q	Q	18.8
Building Floorspace (square feet)													
Fewer than 1,001	7,852	459	2,424	76	4,094	250	529	45	1,122	34	1,280	54	11.1
1,001 to 2,000	39,629	1,589	14,570	290	22,772	942	4,263	224	3,259	31	3,201	101	7.9
2,001 to 5,000	86,177	2,760	24,647	390	53,137	1,771	15,326	510	5,992	23	3,276	67	6.8
5,001 to 10,000	13,177	418	3,090	49	8,085	272	3,190	97	472	1	Q	Q	18.4
10,001 to 25,000	3,384	122	1,584	30	1,689	69	423	22	Q	Q	*	*	29.0
25,001 to 50,000	1,472	65	706	10	691	30	279	24	*	*	Q	Q	39.1
50,001 to 100,000	1,235	57	Q	5	846	30	324	22	*	*	*	*	48.5
100,001 to 200,000	461	25	191	Q	162	Q	225	14	*	*	*	*	40.6
Over 200,000	495	28	Q	Q	Q	Q	143	8	*	*	*	*	110.0
Year Constructed													
1939 or Before	37,877	1,719	7,864	79	24,041	1,137	10,096	431	3,209	23	1,740	49	9.6
1940 to 1949	12,632	508	2,683	38	8,342	337	2,531	104	1,256	6	668	22	12.7
1950 to 1959	22,382	828	5,597	66	14,744	538	4,867	177	1,222	12	951	34	10.2
1960 to 1969	27,767	934	7,562	140	19,555	623	3,242	130	1,656	13	1,182	28	11.6
1970 to 1979	34,531	1,096	14,044	341	17,828	559	3,308	106	2,827	26	1,990	62	9.5
1980 to 1987	18,694	438	10,202	198	7,166	189	658	17	723	8	1,291	27	15.6

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 1987 Residential Energy Consumption Survey.

**Table R13B.87s. Space Heating Site Consumption and Floorspace by Energy Source in Residential Buildings, 1987**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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)	
	0.4	NF	0.8	NF	0.7	NF	1.2	NF	1.7	NF	2.0	NF	
All Buildings	153,882	4,941	47,951	283	91,677	3,382	24,702	966	10,893	88	7,822	222	4.7
Census Region													
Northeast	36,454	1,498	7,510	47	16,363	733	16,106	682	2,653	29	219	7	10.1
Midwest	43,863	1,714	7,987	45	32,860	1,410	4,743	145	3,038	13	3,344	101	8.5
South	46,236	1,129	22,241	135	22,489	744	3,058	123	4,657	46	3,236	82	9.0
West	27,329	600	10,213	55	19,965	495	Q	17	545	Q	1,023	32	9.5
Census Division													
New England	8,372	330	1,377	10	2,137	102	5,615	210	345	5	Q	3	12.7
Middle Atlantic	28,082	1,168	6,133	38	14,227	631	10,490	471	2,308	24	138	3	12.0
East North Central	31,280	1,274	5,235	33	23,296	1,041	3,915	122	2,688	12	2,102	65	10.5
West North Central	12,583	440	2,753	12	9,564	369	828	23	350	Q	1,242	36	14.6
South Atlantic	23,797	580	12,121	69	9,184	331	2,801	110	3,183	33	1,598	38	13.5
East South Central	8,975	231	4,602	41	3,842	139	Q	Q	1,288	12	796	26	13.3
West South Central	13,464	318	5,519	25	9,463	274	*	*	Q	Q	842	Q	21.0
Mountain	7,015	250	1,987	9	5,522	222	Q	Q	Q	Q	Q	Q	13.6
Pacific	20,314	350	8,226	46	14,443	274	Q	Q	333	Q	670	17	11.5
Type of Home													
Mobile Home	4,320	200	1,619	18	1,540	87	269	26	701	24	1,046	44	18.1
Single-Family													
Detached	116,107	3,416	35,453	180	69,595	2,354	19,389	649	9,048	56	6,740	177	5.8
Single-Family													
Attached	10,154	297	3,193	26	6,250	206	1,429	61	714	5	*	*	24.3
2 to 4 Units	11,398	552	2,328	22	8,075	419	1,946	108	319	3	*	*	13.3
5 or More Units	11,904	477	5,358	36	6,218	316	1,669	122	Q	1	Q	Q	18.8
Building Floorspace (square feet)													
Fewer than 1,001	7,852	408	2,424	25	4,094	250	529	45	1,122	34	1,280	54	11.1
1,001 to 2,000	39,629	1,393	14,570	95	22,772	942	4,263	224	3,259	31	3,201	101	7.9
2,001 to 5,000	86,177	2,498	24,647	128	53,137	1,771	15,326	510	5,992	23	3,276	67	6.8
5,001 to 10,000	13,177	386	3,090	16	8,085	272	3,190	97	472	1	Q	Q	18.4
10,001 to 25,000	3,384	101	1,584	10	1,689	69	423	22	Q	Q	*	*	29.0
25,001 to 50,000	1,472	58	706	3	691	30	279	24	*	*	Q	Q	39.1
50,001 to 100,000	1,235	54	Q	2	846	30	324	22	*	*	*	*	48.5
100,001 to 200,000	461	22	191	Q	162	Q	225	14	*	*	*	*	40.6
Over 200,000	495	21	Q	Q	Q	Q	143	8	*	*	*	*	110.0
Year Constructed													
1939 or Before	37,877	1,665	7,864	26	24,041	1,137	10,096	431	3,209	23	1,740	49	9.6
1940 to 1949	12,632	482	2,683	13	8,342	337	2,531	104	1,256	6	668	22	12.7
1950 to 1959	22,382	783	5,597	22	14,744	538	4,867	177	1,222	12	951	34	10.2
1960 to 1969	27,767	840	7,562	46	19,555	623	3,242	130	1,656	13	1,182	28	11.6
1970 to 1979	34,531	866	14,044	112	17,828	559	3,308	106	2,827	26	1,990	62	9.5
1980 to 1987	18,694	305	10,202	65	7,166	189	658	17	723	8	1,291	27	15.6

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 1987 Residential Energy Consumption Survey.

**Table R14A.87p. Air Conditioning and Appliances Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1987**

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	42,736	1,332	70,446	5,639	70,424	5,263	28,664	337	5,659	37	2.9
Census Region											
Northeast	6,786	118	13,245	1,059	13,245	964	5,966	85	950	7	6.6
Midwest	11,349	263	18,078	1,375	18,078	1,279	8,718	87	1,538	9	6.0
South	20,162	841	25,629	2,067	25,629	1,973	7,744	78	2,451	16	5.3
West	4,439	111	13,494	1,139	13,473	1,048	6,237	86	720	5	5.5
Census Division											
New England	1,098	15	2,979	235	2,979	220	779	11	385	2	10.2
Middle Atlantic	5,688	103	10,266	824	10,266	743	5,187	74	565	5	8.1
East North Central	7,157	150	12,672	960	12,672	890	6,365	65	1,031	5	8.9
West North Central	4,191	113	5,405	415	5,405	389	2,353	22	506	3	8.6
South Atlantic	9,849	374	12,955	1,006	12,955	971	2,471	25	1,434	11	8.2
East South Central	4,193	161	5,130	411	5,130	397	1,007	11	440	2	13.1
West South Central	6,121	306	7,544	650	7,544	605	4,266	42	578	Q	13.7
Mountain	1,105	39	3,676	297	3,676	280	1,463	15	Q	Q	12.0
Pacific	3,335	71	9,818	842	9,796	768	4,774	71	553	4	6.4
Type of Home											
Mobile Home	3,016	54	5,115	284	5,115	263	1,651	11	1,623	10	13.6
Single-Family Detached	33,860	966	55,154	4,085	55,132	3,835	21,574	221	3,983	27	3.7
Single-Family Attached	3,448	75	5,312	307	5,312	286	2,593	21	Q	Q	17.5
2 to 4 Units	1,664	75	3,678	451	3,678	404	2,386	47	Q	Q	8.9
5 or More Units	747	163	1,187	512	1,187	476	461	37	Q	Q	14.1
Building Floorspace (square feet)											
Fewer than 1,001	5,343	97	10,597	539	10,597	495	4,187	29	2,394	14	8.0
1,001 to 2,000	16,570	440	26,894	1,827	26,873	1,713	10,814	102	1,955	12	5.3
2,001 to 5,000	19,174	598	30,649	2,645	30,649	2,471	12,531	163	1,294	11	4.5
5,001 to 10,000	1,433	107	1,994	362	1,994	338	999	22	Q	Q	11.9
10,001 to 25,000	169	53	246	131	246	124	98	7	Q	Q	22.3
25,001 to 50,000	30	14	42	59	42	53	19	6	*	*	37.2
50,001 to 100,000	14	12	19	40	19	36	12	4	*	*	38.8
100,001 to 200,000	2	4	3	17	3	15	2	2	*	*	34.8
Over 200,000	1	Q	2	Q	2	Q	*	Q	*	*	70.0
Year Constructed											
1939 or Before	7,451	148	16,648	1,185	16,648	1,081	8,584	96	1,361	8	6.5
1940 to 1949	3,801	95	6,795	489	6,774	446	3,473	40	447	3	8.9
1950 to 1959	7,046	191	11,506	854	11,506	794	5,157	58	542	3	7.2
1960 to 1969	7,953	294	11,782	1,015	11,782	942	5,158	67	842	5	7.7
1970 to 1979	10,188	397	14,967	1,351	14,967	1,282	4,518	55	1,590	14	7.0
1980 to 1987	6,296	208	8,747	745	8,747	719	1,774	22	876	4	11.8

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 1987 Residential Energy Consumption Survey.

**Table R14A.87s. Air Conditioning and Appliances Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1987**

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 . . . . .	42,736	436	70,446	2,099	70,424	1,723	28,664	337	5,659	37	2.9
Census Region											
Northeast . . . . .	6,786	39	13,245	410	13,245	316	5,966	85	950	7	6.6
Midwest . . . . .	11,349	86	18,078	515	18,078	419	8,718	87	1,538	9	6.0
South . . . . .	20,162	275	25,629	740	25,629	646	7,744	78	2,451	16	5.3
West . . . . .	4,439	36	13,494	434	13,473	343	6,237	86	720	5	5.5
Census Division											
New England . . . . .	1,098	5	2,979	86	2,979	72	779	11	385	2	10.2
Middle Atlantic . . . . .	5,688	34	10,266	324	10,266	243	5,187	74	565	5	8.1
East North Central . . . . .	7,157	49	12,672	362	12,672	291	6,365	65	1,031	5	8.9
West North Central . . . . .	4,191	37	5,405	153	5,405	127	2,353	22	506	3	8.6
South Atlantic . . . . .	9,849	122	12,955	353	12,955	318	2,471	25	1,434	11	8.2
East South Central . . . . .	4,193	53	5,130	144	5,130	130	1,007	11	440	2	13.1
West South Central . . . . .	6,121	100	7,544	243	7,544	198	4,266	42	578	Q	13.7
Mountain . . . . .	1,105	13	3,676	108	3,676	92	1,463	15	Q	Q	12.0
Pacific . . . . .	3,335	23	9,818	326	9,796	251	4,774	71	553	4	6.4
Type of Home											
Mobile Home . . . . .	3,016	18	5,115	107	5,115	86	1,651	11	1,623	10	13.6
Single-Family											
Detached . . . . .	33,860	316	55,154	1,506	55,132	1,256	21,574	221	3,983	27	3.7
Single-Family											
Attached . . . . .	3,448	24	5,312	115	5,312	94	2,593	21	Q	Q	17.5
2 to 4 Units . . . . .	1,664	24	3,678	180	3,678	132	2,386	47	Q	Q	8.9
5 or More Units . . . . .	747	53	1,187	192	1,187	156	461	37	Q	Q	14.1
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	5,343	32	10,597	206	10,597	162	4,187	29	2,394	14	8.0
1,001 to 2,000 . . . . .	16,570	144	26,894	675	26,873	561	10,814	102	1,955	12	5.3
2,001 to 5,000 . . . . .	19,174	196	30,649	983	30,649	809	12,531	163	1,294	11	4.5
5,001 to 10,000 . . . . .	1,433	35	1,994	135	1,994	111	999	22	Q	Q	11.9
10,001 to 25,000 . . . . .	169	17	246	48	246	40	98	7	Q	Q	22.3
25,001 to 50,000 . . . . .	30	5	42	23	42	17	19	6	*	*	37.2
50,001 to 100,000 . . . . .	14	4	19	16	19	12	12	4	*	*	38.8
100,001 to 200,000 . . . . .	2	1	3	7	3	5	2	2	*	*	34.8
Over 200,000 . . . . .	1	Q	2	Q	2	Q	*	Q	*	*	70.0
Year Constructed											
1939 or Before . . . . .	7,451	49	16,648	458	16,648	354	8,584	96	1,361	8	6.5
1940 to 1949 . . . . .	3,801	31	6,795	189	6,774	146	3,473	40	447	3	8.9
1950 to 1959 . . . . .	7,046	62	11,506	320	11,506	260	5,157	58	542	3	7.2
1960 to 1969 . . . . .	7,953	96	11,782	382	11,782	308	5,158	67	842	5	7.7
1970 to 1979 . . . . .	10,188	130	14,967	489	14,967	420	4,518	55	1,590	14	7.0
1980 to 1987 . . . . .	6,296	68	8,747	262	8,747	235	1,774	22	876	4	11.8

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 1987 Residential Energy Consumption Survey.

**Table R14B.87p. Air Conditioning and Appliances Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1987**

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)	
	0.9	NF	0.6	NF	0.6	NF	1.2	NF	2.9	NF	
All Buildings	98,987	1,332	156,818	5,639	156,780	5,263	65,015	337	8,686	37	2.7
Census Region											
Northeast	19,885	118	36,820	1,059	36,820	964	17,153	85	1,849	7	5.5
Midwest	29,419	263	44,271	1,375	44,271	1,279	21,109	87	2,799	9	4.9
South	39,461	841	47,135	2,067	47,135	1,973	13,964	78	3,039	16	5.6
West	10,222	111	28,593	1,139	28,555	1,048	12,789	86	998	5	4.5
Census Division											
New England	3,431	15	8,431	235	8,431	220	2,367	11	804	2	10.2
Middle Atlantic	16,453	103	28,389	824	28,389	743	14,786	74	1,045	5	6.9
East North Central	19,364	150	31,515	960	31,515	890	15,647	65	1,796	5	6.0
West North Central	10,055	113	12,756	415	12,756	389	5,462	22	1,003	3	8.9
South Atlantic	19,671	374	24,419	1,006	24,419	971	5,505	25	1,722	11	9.0
East South Central	7,986	161	9,210	411	9,210	397	1,874	11	565	2	14.7
West South Central	11,804	306	13,506	650	13,506	605	6,585	42	Q	Q	14.2
Mountain	2,403	39	7,233	297	7,233	280	2,501	15	Q	Q	13.3
Pacific	7,819	71	21,360	842	21,322	768	10,288	71	827	4	5.8
Type of Home											
Mobile Home	2,592	54	4,406	284	4,406	263	1,511	11	1,188	10	14.1
Single-Family											
Detached	75,772	966	118,693	4,085	118,655	3,835	46,192	221	7,290	27	3.9
Single-Family											
Attached	6,769	75	10,183	307	10,183	286	5,003	21	Q	Q	17.1
2 to 4 Units	5,608	75	11,619	451	11,619	404	7,535	47	Q	Q	9.2
5 or More Units	8,245	163	11,917	512	11,917	476	4,772	37	Q	Q	13.0
Building Floorspace (square feet)											
Fewer than 1,001	4,291	97	8,343	539	8,343	495	3,358	29	1,740	14	8.1
1,001 to 2,000	25,064	440	40,629	1,827	40,591	1,713	16,345	102	2,864	12	5.4
2,001 to 5,000	55,113	598	87,573	2,645	87,573	2,471	35,443	163	3,942	11	4.7
5,001 to 10,000	9,519	107	13,227	362	13,227	338	6,541	22	Q	Q	12.1
10,001 to 25,000	2,312	53	3,384	131	3,384	124	1,390	7	Q	Q	20.8
25,001 to 50,000	1,045	14	1,472	59	1,472	53	694	6	*	*	35.3
50,001 to 100,000	915	12	1,235	40	1,235	36	818	4	*	*	35.0
100,001 to 200,000	265	4	461	17	461	15	283	2	*	*	35.4
Over 200,000	Q	Q	495	Q	495	Q	143	Q	*	*	70.0
Year Constructed											
1939 or Before	18,140	148	38,935	1,185	38,935	1,081	20,617	96	2,498	8	6.4
1940 to 1949	7,440	95	12,978	489	12,940	446	6,778	40	622	3	9.4
1950 to 1959	14,532	191	22,796	854	22,796	794	10,267	58	685	3	6.8
1960 to 1969	19,652	294	28,028	1,015	28,028	942	12,755	67	1,196	5	8.4
1970 to 1979	25,561	397	34,976	1,351	34,976	1,282	10,559	55	2,247	14	6.2
1980 to 1987	13,662	208	19,105	745	19,105	719	4,038	22	1,438	4	11.6

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 1987 Residential Energy Consumption Survey.

**Table R14B.87s. Air Conditioning and Appliances Site Consumption and Floorspace by Energy Source in Residential Buildings, 1987**

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)	
	0.9	NF	0.6	NF	0.6	NF	1.2	NF	2.9	NF	
RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.2	NF	2.9	NF	
All Buildings	98,987	436	156,818	2,099	156,780	1,723	65,015	337	8,686	37	2.7
Census Region											
Northeast	19,885	39	36,820	410	36,820	316	17,153	85	1,849	7	5.5
Midwest	29,419	86	44,271	515	44,271	419	21,109	87	2,799	9	4.9
South	39,461	275	47,135	740	47,135	646	13,964	78	3,039	16	5.6
West	10,222	36	28,593	434	28,555	343	12,789	86	998	5	4.5
Census Division											
New England	3,431	5	8,431	86	8,431	72	2,367	11	804	2	10.2
Middle Atlantic	16,453	34	28,389	324	28,389	243	14,786	74	1,045	5	6.9
East North Central	19,364	49	31,515	362	31,515	291	15,647	65	1,796	5	6.0
West North Central	10,055	37	12,756	153	12,756	127	5,462	22	1,003	3	8.9
South Atlantic	19,671	122	24,419	353	24,419	318	5,505	25	1,722	11	9.0
East South Central	7,986	53	9,210	144	9,210	130	1,874	11	565	2	14.7
West South Central	11,804	100	13,506	243	13,506	198	6,585	42	Q	Q	14.2
Mountain	2,403	13	7,233	108	7,233	92	2,501	15	Q	Q	13.3
Pacific	7,819	23	21,360	326	21,322	251	10,288	71	827	4	5.8
Type of Home											
Mobile Home	2,592	18	4,406	107	4,406	86	1,511	11	1,188	10	14.1
Single-Family Detached	75,772	316	118,693	1,506	118,655	1,256	46,192	221	7,290	27	3.9
Single-Family Attached	6,769	24	10,183	115	10,183	94	5,003	21	Q	Q	17.1
2 to 4 Units	5,608	24	11,619	180	11,619	132	7,535	47	Q	Q	9.2
5 or More Units	8,245	53	11,917	192	11,917	156	4,772	37	Q	Q	13.0
Building Floorspace (square feet)											
Fewer than 1,001	4,291	32	8,343	206	8,343	162	3,358	29	1,740	14	8.1
1,001 to 2,000	25,064	144	40,629	675	40,591	561	16,345	102	2,864	12	5.4
2,001 to 5,000	55,113	196	87,573	983	87,573	809	35,443	163	3,942	11	4.7
5,001 to 10,000	9,519	35	13,227	135	13,227	111	6,541	22	Q	Q	12.1
10,001 to 25,000	2,312	17	3,384	48	3,384	40	1,390	7	Q	Q	20.8
25,001 to 50,000	1,045	5	1,472	23	1,472	17	694	6	*	*	35.3
50,001 to 100,000	915	4	1,235	16	1,235	12	818	4	*	*	35.0
100,001 to 200,000	265	1	461	7	461	5	283	2	*	*	35.4
Over 200,000	Q	Q	495	Q	495	Q	143	Q	*	*	70.0
Year Constructed											
1939 or Before	18,140	49	38,935	458	38,935	354	20,617	96	2,498	8	6.4
1940 to 1949	7,440	31	12,978	189	12,940	146	6,778	40	622	3	9.4
1950 to 1959	14,532	62	22,796	320	22,796	260	10,267	58	685	3	6.8
1960 to 1969	19,652	96	28,028	382	28,028	308	12,755	67	1,196	5	8.4
1970 to 1979	25,561	130	34,976	489	34,976	420	10,559	55	2,247	14	6.2
1980 to 1987	13,662	68	19,105	262	19,105	235	4,038	22	1,438	4	11.6

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 1987 Residential Energy Consumption Survey.



**Table R15A.87p. Total Primary Consumption and Number of Buildings by End Use in Residential Buildings, 1987**

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	0.9	1.0	NF	0.9	NF	1.4	NF	0.9	
All Buildings . . . . .	70,446	14,790	68,352	5,522	70,030	2,284	42,738	1,345	70,446	5,639	1.5
Census Region											
Northeast . . . . .	13,245	3,283	12,965	1,595	13,164	510	6,786	118	13,245	1,059	3.4
Midwest . . . . .	18,078	3,980	17,773	1,807	18,016	535	11,349	264	18,078	1,375	2.9
South . . . . .	25,629	5,110	24,820	1,406	25,423	789	20,162	848	25,629	2,067	2.8
West . . . . .	13,494	2,417	12,794	714	13,426	450	4,441	115	13,494	1,139	3.1
Census Division											
New England . . . . .	2,979	718	2,886	350	2,958	119	1,098	15	2,979	235	6.2
Middle Atlantic . . . . .	10,266	2,564	10,080	1,245	10,206	392	5,688	103	10,266	824	4.3
East North Central . . . . .	12,672	2,848	12,471	1,342	12,611	394	7,157	151	12,672	960	4.5
West North Central . . . . .	5,405	1,132	5,301	464	5,405	140	4,191	113	5,405	415	5.4
South Atlantic . . . . .	12,955	2,507	12,397	722	12,818	406	9,849	374	12,955	1,006	4.6
East South Central . . . . .	5,130	1,058	4,927	315	5,109	170	4,193	161	5,130	411	8.3
West South Central . . . . .	7,544	1,545	7,496	369	7,497	212	6,121	313	7,544	650	8.4
Mountain . . . . .	3,676	714	3,581	269	3,646	105	1,106	43	3,676	297	8.0
Pacific . . . . .	9,818	1,704	9,213	444	9,780	345	3,335	72	9,818	842	3.8
Type of Home											
Mobile Home . . . . .	5,115	713	5,001	238	5,041	138	3,016	54	5,115	284	11.1
Single-Family											
Detached . . . . .	55,154	10,357	53,306	3,786	54,834	1514	33,860	971	55,154	4,085	2.2
Single-Family											
Attached . . . . .	5,312	855	5,285	350	5,312	123	3,448	75	5,312	307	12.8
2 to 4 Units . . . . .	3,678	1,343	3,581	597	3,659	219	1,664	76	3,678	451	6.5
5 or More Units . . . . .	1,187	1,523	1,180	552	1,183	290	749	170	1,187	512	8.9
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	10,597	1,357	9,902	459	10,416	262	5,343	97	10,597	539	6.3
1,001 to 2,000 . . . . .	26,894	4,596	26,095	1,589	26,826	740	16,570	441	26,894	1,827	3.2
2,001 to 5,000 . . . . .	30,649	6,991	30,060	2,760	30,492	983	19,174	603	30,649	2,645	2.9
5,001 to 10,000 . . . . .	1,994	1,044	1,986	418	1,987	151	1,433	113	1,994	362	8.5
10,001 to 25,000 . . . . .	246	373	245	122	245	66	170	53	246	131	14.6
25,001 to 50,000 . . . . .	42	174	42	65	42	37	30	14	42	59	23.2
50,001 to 100,000 . . . . .	19	133	19	57	19	24	14	12	19	40	24.7
100,001 to 200,000 . . . . .	3	57	3	25	3	11	2	5	3	17	25.2
Over 200,000 . . . . .	2	65	2	28	2	11	1	Q	2	Q	47.3
Year Constructed											
1939 or Before . . . . .	16,648	3,578	15,948	1,719	16,588	526	7,451	148	16,648	1,185	4.9
1940 to 1949 . . . . .	6,795	1,296	6,549	508	6,730	205	3,801	95	6,795	489	6.0
1950 to 1959 . . . . .	11,506	2,211	11,182	828	11,410	334	7,046	195	11,506	854	4.8
1960 to 1969 . . . . .	11,782	2,652	11,562	934	11,717	401	7,955	302	11,782	1,015	5.5
1970 to 1979 . . . . .	14,967	3,364	14,632	1,096	14,872	520	10,188	397	14,967	1,351	4.7
1980 to 1987 . . . . .	8,747	1,688	8,479	438	8,714	297	6,296	208	8,747	745	8.5

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 1987 Residential Energy Consumption Survey.

**Table R15A.87s. Total Site Consumption and Number of Buildings by End Use in Residential Buildings, 1987**

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	0.9	1.0	NF	0.9	NF	1.4	NF	0.9	NF	
All Buildings . . . . .		70,446	9,128	68,638	4,941	70,050	1,638	42,738	449	70,446	2,099	1.5
Census Region												
Northeast . . . . .		13,245	2,370	13,099	1,498	13,185	423	6,786	39	13,245	410	3.4
Midwest . . . . .		18,078	2,728	17,864	1,714	18,016	411	11,349	87	18,078	515	2.9
South . . . . .		25,629	2,606	24,867	1,129	25,423	453	20,162	283	25,629	740	2.8
West . . . . .		13,494	1,425	12,808	600	13,426	350	4,441	41	13,494	434	3.1
Census Division												
New England . . . . .		2,979	517	2,938	330	2,978	96	1,098	5	2,979	86	6.2
Middle Atlantic . . . . .		10,266	1,853	10,161	1,168	10,207	328	5,688	34	10,266	324	4.3
East North Central . . . . .		12,672	1,987	12,531	1,274	12,611	301	7,157	50	12,672	362	4.5
West North Central . . . . .		5,405	741	5,333	440	5,405	110	4,191	37	5,405	153	5.4
South Atlantic . . . . .		12,955	1,261	12,443	580	12,818	206	9,849	122	12,955	353	4.6
East South Central . . . . .		5,130	512	4,927	231	5,109	84	4,193	53	5,130	144	8.3
West South Central . . . . .		7,544	832	7,496	318	7,497	163	6,121	108	7,544	243	8.4
Mountain . . . . .		3,676	460	3,581	250	3,646	85	1,106	16	3,676	108	8.0
Pacific . . . . .		9,818	965	9,227	350	9,780	265	3,335	24	9,818	326	3.8
Type of Home												
Mobile Home . . . . .		5,115	391	5,029	200	5,041	67	3,016	18	5,115	107	11.1
Single-Family												
Detached . . . . .		55,154	6,315	53,549	3,416	54,853	1,072	33,860	322	55,154	1,506	2.2
Single-Family												
Attached . . . . .		5,312	526	5,285	297	5,312	89	3,448	24	5,312	115	12.8
2 to 4 Units . . . . .		3,678	939	3,592	552	3,659	182	1,664	26	3,678	180	6.5
5 or More Units . . . . .		1,187	957	1,183	477	1,185	228	749	60	1,187	192	8.9
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		10,597	807	9,954	408	10,416	162	5,343	32	10,597	206	6.3
1,001 to 2,000 . . . . .		26,894	2,711	26,184	1,393	26,827	498	16,570	145	26,894	675	3.2
2,001 to 5,000 . . . . .		30,649	4,418	30,202	2,498	30,511	737	19,174	201	30,649	983	2.9
5,001 to 10,000 . . . . .		1,994	682	1,986	386	1,987	121	1,433	41	1,994	135	8.5
10,001 to 25,000 . . . . .		246	219	246	101	245	51	170	18	246	48	14.6
25,001 to 50,000 . . . . .		42	116	42	58	42	30	30	5	42	23	23.2
50,001 to 100,000 . . . . .		19	96	19	54	19	22	14	4	19	16	24.7
100,001 to 200,000 . . . . .		3	39	3	22	3	9	2	2	3	7	25.2
Over 200,000 . . . . .		2	40	2	21	1	8	1	Q	2	Q	47.3
Year Constructed												
1939 or Before . . . . .		16,648	2,587	16,065	1,665	16,597	415	7,451	49	16,648	458	4.9
1940 to 1949 . . . . .		6,795	854	6,555	482	6,730	153	3,801	31	6,795	189	6.0
1950 to 1959 . . . . .		11,506	1,432	11,237	783	11,410	262	7,046	67	11,506	320	4.8
1960 to 1969 . . . . .		11,782	1,635	11,582	840	11,717	308	7,955	105	11,782	382	5.5
1970 to 1979 . . . . .		14,967	1,821	14,687	866	14,872	335	10,188	130	14,967	489	4.7
1980 to 1987 . . . . .		8,747	799	8,511	305	8,725	164	6,296	68	8,747	262	8.5

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 1987 Residential Energy Consumption Survey.

**Table R15B.87p. Total Primary Consumption and Floorspace by End Use in Residential Buildings, 1987**

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	0.8	1.0	NF	0.9	NF	1.4	NF	0.9	NF	
RSE Column Factors:	0.9	0.8	1.0	NF	0.9	NF	1.4	NF	0.9	NF	
All Buildings . . . . .	156,818	14,790	153,225	5,522	155,971	2,284	99,006	1,345	156,818	5,639	1.3
Census Region											
Northeast . . . . .	36,820	3,283	36,168	1,595	36,487	510	19,885	118	36,820	1,059	2.7
Midwest . . . . .	44,271	3,980	43,638	1,807	44,210	535	29,419	264	44,271	1,375	2.4
South . . . . .	47,135	5,110	46,153	1,406	46,882	789	39,461	848	47,135	2,067	2.9
West . . . . .	28,593	2,417	27,266	714	28,392	450	10,241	115	28,593	1,139	2.4
Census Division											
New England . . . . .	8,431	718	8,266	350	8,365	119	3,431	15	8,431	235	5.7
Middle Atlantic . . . . .	28,389	2,564	27,902	1,245	28,122	392	16,453	103	28,389	824	3.4
East North Central . . . . .	31,515	2,848	31,105	1,342	31,454	394	19,364	151	31,515	960	2.8
West North Central . . . . .	12,756	1,132	12,533	464	12,756	140	10,055	113	12,756	415	5.8
South Atlantic . . . . .	24,419	2,507	23,714	722	24,224	406	19,671	374	24,419	1,006	5.1
East South Central . . . . .	9,210	1,058	8,975	315	9,188	170	7,986	161	9,210	411	9.4
West South Central . . . . .	13,506	1,545	13,464	369	13,470	212	11,804	313	13,506	650	8.9
Mountain . . . . .	7,233	714	7,015	269	7,171	105	2,422	43	7,233	297	8.2
Pacific . . . . .	21,360	1,704	20,251	444	21,221	345	7,819	72	21,360	842	3.7
Type of Home											
Mobile Home . . . . .	4,406	713	4,298	238	4,350	138	2,592	54	4,406	284	11.6
Single-Family											
Detached . . . . .	118,693	10,357	115,537	3,786	118,048	1514	75,772	971	118,693	4,085	2.3
Single-Family											
Attached . . . . .	10,183	855	10,154	350	10,183	123	6,769	75	10,183	307	12.8
2 to 4 Units . . . . .	11,619	1,343	11,371	597	11,544	219	5,608	76	11,619	451	6.6
5 or More Units . . . . .	11,917	1,523	11,865	552	11,845	290	8,264	170	11,917	512	8.1
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	8,343	1,357	7,809	459	8,219	262	4,291	97	8,343	539	6.3
1,001 to 2,000 . . . . .	40,629	4,596	39,497	1,589	40,527	740	25,064	441	40,629	1,827	3.3
2,001 to 5,000 . . . . .	87,573	6,991	85,731	2,760	87,061	983	55,113	603	87,573	2,645	2.9
5,001 to 10,000 . . . . .	13,227	1,044	13,177	418	13,186	151	9,519	113	13,227	362	8.6
10,001 to 25,000 . . . . .	3,384	373	3,370	122	3,362	66	2,331	53	3,384	131	13.8
25,001 to 50,000 . . . . .	1,472	174	1,463	65	1,463	37	1,045	14	1,472	59	22.2
50,001 to 100,000 . . . . .	1,235	133	1,230	57	1,230	24	915	12	1,235	40	22.8
100,001 to 200,000 . . . . .	461	57	453	25	453	11	265	5	461	17	25.3
Over 200,000 . . . . .	495	65	495	28	Q	11	Q	Q	495	Q	50.2
Year Constructed											
1939 or Before . . . . .	38,935	3,578	37,595	1,719	38,736	526	18,140	148	38,935	1,185	4.9
1940 to 1949 . . . . .	12,978	1,296	12,621	508	12,908	205	7,440	95	12,978	489	6.3
1950 to 1959 . . . . .	22,796	2,211	22,285	828	22,637	334	14,532	195	22,796	854	4.6
1960 to 1969 . . . . .	28,028	2,652	27,716	934	27,819	401	19,671	302	28,028	1,015	5.6
1970 to 1979 . . . . .	34,976	3,364	34,355	1,096	34,809	520	25,561	397	34,976	1,351	4.2
1980 to 1987 . . . . .	19,105	1,688	18,652	438	19,063	297	13,662	208	19,105	745	8.0

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 1987 Residential Energy Consumption Survey.

**Table R15B.87s. Total Site Consumption and Floorspace by End Use in Residential Buildings, 1987**

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 . . . . .	156,818	9,128	153,225	4,941	155,971	1,638	99,006	449	156,818	2,099	1.3
Census Region											
Northeast . . . . .	36,820	2,370	36,168	1,498	36,487	423	19,885	39	36,820	410	2.7
Midwest . . . . .	44,271	2,728	43,638	1,714	44,210	411	29,419	87	44,271	515	2.4
South . . . . .	47,135	2,606	46,153	1,129	46,882	453	39,461	283	47,135	740	2.9
West . . . . .	28,593	1,425	27,266	600	28,392	350	10,241	41	28,593	434	2.4
Census Division											
New England . . . . .	8,431	517	8,266	330	8,365	96	3,431	5	8,431	86	5.7
Middle Atlantic . . . . .	28,389	1,853	27,902	1,168	28,122	328	16,453	34	28,389	324	3.4
East North Central . . . . .	31,515	1,987	31,105	1,274	31,454	301	19,364	50	31,515	362	2.8
West North Central . . . . .	12,756	741	12,533	440	12,756	110	10,055	37	12,756	153	5.8
South Atlantic . . . . .	24,419	1,261	23,714	580	24,224	206	19,671	122	24,419	353	5.1
East South Central . . . . .	9,210	512	8,975	231	9,188	84	7,986	53	9,210	144	9.4
West South Central . . . . .	13,506	832	13,464	318	13,470	163	11,804	108	13,506	243	8.9
Mountain . . . . .	7,233	460	7,015	250	7,171	85	2,422	16	7,233	108	8.2
Pacific . . . . .	21,360	965	20,251	350	21,221	265	7,819	24	21,360	326	3.7
Type of Home											
Mobile Home . . . . .	4,406	391	4,298	200	4,350	67	2,592	18	4,406	107	11.6
Single-Family											
Detached . . . . .	118,693	6,315	115,537	3,416	118,048	1,072	75,772	322	118,693	1,506	2.3
Single-Family											
Attached . . . . .	10,183	526	10,154	297	10,183	89	6,769	24	10,183	115	12.8
2 to 4 Units . . . . .	11,619	939	11,371	552	11,544	182	5,608	26	11,619	180	6.6
5 or More Units . . . . .	11,917	957	11,865	477	11,845	228	8,264	60	11,917	192	8.1
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	8,343	807	7,809	408	8,219	162	4,291	32	8,343	206	6.3
1,001 to 2,000 . . . . .	40,629	2,711	39,497	1,393	40,527	498	25,064	145	40,629	675	3.3
2,001 to 5,000 . . . . .	87,573	4,418	85,731	2,498	87,061	737	55,113	201	87,573	983	2.9
5,001 to 10,000 . . . . .	13,227	682	13,177	386	13,186	121	9,519	41	13,227	135	8.6
10,001 to 25,000 . . . . .	3,384	219	3,370	101	3,362	51	2,331	18	3,384	48	13.8
25,001 to 50,000 . . . . .	1,472	116	1,463	58	1,463	30	1,045	5	1,472	23	22.2
50,001 to 100,000 . . . . .	1,235	96	1,230	54	1,230	22	915	4	1,235	16	22.8
100,001 to 200,000 . . . . .	461	39	453	22	453	9	265	2	461	7	25.3
Over 200,000 . . . . .	495	40	495	21	Q	8	Q	Q	495	Q	50.2
Year Constructed											
1939 or Before . . . . .	38,935	2,587	37,595	1,665	38,736	415	18,140	49	38,935	458	4.9
1940 to 1949 . . . . .	12,978	854	12,621	482	12,908	153	7,440	31	12,978	189	6.3
1950 to 1959 . . . . .	22,796	1,432	22,285	783	22,637	262	14,532	67	22,796	320	4.6
1960 to 1969 . . . . .	28,028	1,635	27,716	840	27,819	308	19,671	105	28,028	382	5.6
1970 to 1979 . . . . .	34,976	1,821	34,355	866	34,809	335	25,561	130	34,976	489	4.2
1980 to 1987 . . . . .	19,105	799	18,652	305	19,063	164	13,662	68	19,105	262	8.0

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 1987 Residential Energy Consumption Survey.

**Table R16A.87p. Primary Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1987**

Building Characteristics		End Uses									RSE Row Factors	
		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	0.8	1.5	NF	1.6	NF	1.0	NF	0.7	NF	
All Buildings . . . . .		70,424	8,419	22,038	863	27,357	961	42,736	1,332	70,424	5,263	2.2
Census Region												
Northeast . . . . .		13,245	1,357	2,555	145	3,650	129	6,786	118	13,245	964	5.5
Midwest . . . . .		18,078	1,862	3,391	137	5,486	183	11,349	263	18,078	1,279	5.0
South . . . . .		25,629	3,724	11,425	412	14,265	499	20,162	841	25,629	1,973	3.8
West . . . . .		13,473	1,476	4,668	169	3,956	149	4,439	111	13,473	1,048	4.1
Census Division												
New England . . . . .		2,979	299	461	30	977	34	1,098	15	2,979	220	8.2
Middle Atlantic . . . . .		10,266	1,057	2,094	115	2,672	95	5,688	103	10,266	743	6.6
East North Central . . . . .		12,672	1,280	2,239	102	4,023	139	7,157	150	12,672	890	7.2
West North Central . . . . .		5,405	582	1,152	36	1,464	44	4,191	113	5,405	389	6.7
South Atlantic . . . . .		12,955	1,852	6,440	211	8,882	298	9,849	374	12,955	971	6.0
East South Central . . . . .		5,130	812	2,426	126	3,542	128	4,193	161	5,130	397	9.5
West South Central . . . . .		7,544	1,059	2,560	76	1,842	73	6,121	306	7,544	605	11.6
Mountain . . . . .		3,676	377	994	29	934	29	1,105	39	3,676	280	9.6
Pacific . . . . .		9,796	1,099	3,674	140	3,022	120	3,335	71	9,796	768	4.7
Type of Home												
Mobile Home . . . . .		5,115	479	1,783	56	3,466	106	3,016	54	5,115	263	12.5
Single-Family												
Detached . . . . .		55,132	6,009	17,067	550	20,812	657	33,860	966	55,132	3,835	2.7
Single-Family												
Attached . . . . .		5,312	490	1,895	78	1,921	51	3,448	75	5,312	286	17.1
2 to 4 Units . . . . .		3,678	600	806	67	804	55	1,664	75	3,678	404	9.3
5 or More Units . . . . .		1,187	842	486	111	354	92	747	163	1,187	476	11.9
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		10,597	817	3,132	76	5,227	149	5,343	97	10,597	495	7.3
1,001 to 2,000 . . . . .		26,873	2,802	9,529	290	11,601	359	16,570	440	26,873	1,713	4.4
2,001 to 5,000 . . . . .		30,649	3,825	8,780	390	10,056	366	19,174	598	30,649	2,471	3.5
5,001 to 10,000 . . . . .		1,994	539	452	49	401	44	1,433	107	1,994	338	11.6
10,001 to 25,000 . . . . .		246	229	115	30	57	23	169	53	246	124	19.1
25,001 to 50,000 . . . . .		42	86	21	10	13	10	30	14	42	53	30.5
50,001 to 100,000 . . . . .		19	54	Q	5	Q	2	14	12	19	36	30.8
100,001 to 200,000 . . . . .		3	26	1	Q	Q	Q	2	4	3	15	35.3
Over 200,000 . . . . .		2	Q	Q	Q	Q	Q	1	Q	2	Q	57.8
Year Constructed												
1939 or Before . . . . .		16,648	1,474	3,432	79	5,028	166	7,451	148	16,648	1,081	5.8
1940 to 1949 . . . . .		6,774	657	1,544	38	2,429	77	3,801	95	6,774	446	7.4
1950 to 1959 . . . . .		11,506	1,158	2,999	66	3,385	107	7,046	191	11,506	794	5.8
1960 to 1969 . . . . .		11,782	1,513	3,317	140	3,785	137	7,953	294	11,782	942	6.3
1970 to 1979 . . . . .		14,967	2,295	5,991	341	7,152	275	10,188	397	14,967	1,282	5.8
1980 to 1987 . . . . .		8,747	1,322	4,755	198	5,579	198	6,296	208	8,747	719	9.6

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 1987 Residential Energy Consumption Survey.

**Table R16A.87s. Site Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1987**

Building Characteristics	End Uses										RSE Row Factors
	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	0.8	1.5	NF	1.6	NF	1.0	NF	0.7	
All Buildings . . . . .	70,424	2,757	22,038	283	27,357	315	42,736	436	70,424	1,723	2.2
Census Region											
Northeast . . . . .		444	2,555	47	3,650	42	6,786	39	13,245	316	5.5
Midwest . . . . .	18,078	610	3,391	45	5,486	60	11,349	86	18,078	419	5.0
South . . . . .	25,629	1,219	11,425	135	14,265	163	20,162	275	25,629	646	3.8
West . . . . .	13,473	483	4,668	55	3,956	49	4,439	36	13,473	343	4.1
Census Division											
New England . . . . .	2,979	98	461	10	977	11	1,098	5	2,979	72	8.2
Middle Atlantic . . . . .	10,266	346	2,094	38	2,672	31	5,688	34	10,266	243	6.6
East North Central . . . . .	12,672	419	2,239	33	4,023	45	7,157	49	12,672	291	7.2
West North Central . . . . .	5,405	191	1,152	12	1,464	15	4,191	37	5,405	127	6.7
South Atlantic . . . . .	12,955	607	6,440	69	8,882	97	9,849	122	12,955	318	6.0
East South Central . . . . .	5,130	266	2,426	41	3,542	42	4,193	53	5,130	130	9.5
West South Central . . . . .	7,544	347	2,560	25	1,842	24	6,121	100	7,544	198	11.6
Mountain . . . . .	3,676	124	994	9	934	10	1,105	13	3,676	92	9.6
Pacific . . . . .	9,796	360	3,674	46	3,022	39	3,335	23	9,796	251	4.7
Type of Home											
Mobile Home . . . . .	5,115	157	1,783	18	3,466	35	3,016	18	5,115	86	12.5
Single-Family											
Detached . . . . .	55,132	1,968	17,067	180	20,812	215	33,860	316	55,132	1,256	2.7
Single-Family											
Attached . . . . .	5,312	160	1,895	26	1,921	17	3,448	24	5,312	94	17.1
2 to 4 Units . . . . .	3,678	197	806	22	804	18	1,664	24	3,678	132	9.3
5 or More Units . . . . .	1,187	276	486	36	354	30	747	53	1,187	156	11.9
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	10,597	268	3,132	25	5,227	49	5,343	32	10,597	162	7.3
1,001 to 2,000 . . . . .	26,873	917	9,529	95	11,601	117	16,570	144	26,873	561	4.4
2,001 to 5,000 . . . . .	30,649	1,252	8,780	128	10,056	120	19,174	196	30,649	809	3.5
5,001 to 10,000 . . . . .	1,994	176	452	16	401	15	1,433	35	1,994	111	11.6
10,001 to 25,000 . . . . .	246	75	115	10	57	7	169	17	246	40	19.1
25,001 to 50,000 . . . . .	42	28	21	3	13	3	30	5	42	17	30.5
50,001 to 100,000 . . . . .	19	18	Q	2	Q	1	14	4	19	12	30.8
100,001 to 200,000 . . . . .	3	9	1	Q	Q	Q	2	1	3	5	35.3
Over 200,000 . . . . .	2	Q	Q	Q	Q	Q	1	Q	2	Q	57.8
Year Constructed											
1939 or Before . . . . .	16,648	483	3,432	26	5,028	54	7,451	49	16,648	354	5.8
1940 to 1949 . . . . .	6,774	215	1,544	13	2,429	25	3,801	31	6,774	146	7.4
1950 to 1959 . . . . .	11,506	379	2,999	22	3,385	35	7,046	62	11,506	260	5.8
1960 to 1969 . . . . .	11,782	495	3,317	46	3,785	45	7,953	96	11,782	308	6.3
1970 to 1979 . . . . .	14,967	751	5,991	112	7,152	90	10,188	130	14,967	420	5.8
1980 to 1987 . . . . .	8,747	433	4,755	65	5,579	65	6,296	68	8,747	235	9.6

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 1987 Residential Energy Consumption Survey.

**Table R16B.87p. Primary Electricity Consumption and Floorspace by End Use in Residential Buildings, 1987**

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)	
	0.6	0.7	1.5	NF	1.7	NF	1.0	NF	0.7	NF	
RSE Column Factors:	0.6	0.7	1.5	NF	1.7	NF	1.0	NF	0.7	NF	
All Buildings . . . . .	156,780	8,419	47,951	863	54,410	961	98,987	1,332	156,780	5,263	2.1
Census Region											
Northeast . . . . .	36,820	1,357	7,510	145	8,843	129	19,885	118	36,820	964	4.4
Midwest . . . . .	44,271	1,862	7,987	137	12,341	183	29,419	263	44,271	1,279	4.5
South . . . . .	47,135	3,724	22,241	412	25,337	499	39,461	841	47,135	1,973	3.7
West . . . . .	28,555	1,476	10,213	169	7,889	149	10,222	111	28,555	1,048	3.7
Census Division											
New England . . . . .	8,431	299	1,377	30	2,230	34	3,431	15	8,431	220	7.7
Middle Atlantic . . . . .	28,389	1,057	6,133	115	6,613	95	16,453	103	28,389	743	5.2
East North Central . . . . .	31,515	1,280	5,235	102	8,986	139	19,364	150	31,515	890	5.5
West North Central . . . . .	12,756	582	2,753	36	3,356	44	10,055	113	12,756	389	7.1
South Atlantic . . . . .	24,419	1,852	12,121	211	15,593	298	19,671	374	24,419	971	6.0
East South Central . . . . .	9,210	812	4,602	126	6,103	128	7,986	161	9,210	397	10.0
West South Central . . . . .	13,506	1,059	5,519	76	3,642	73	11,804	306	13,506	605	12.0
Mountain . . . . .	7,233	377	1,987	29	1,795	29	2,403	39	7,233	280	10.6
Pacific . . . . .	21,322	1,099	8,226	140	6,093	120	7,819	71	21,322	768	4.7
Type of Home											
Mobile Home . . . . .	4,406	479	1,619	56	2,938	106	2,592	54	4,406	263	13.0
Single-Family											
Detached . . . . .	118,655	6,009	35,453	550	42,120	657	75,772	966	118,655	3,835	3.0
Single-Family											
Attached . . . . .	10,183	490	3,193	78	3,452	51	6,769	75	10,183	286	17.2
2 to 4 Units . . . . .	11,619	600	2,328	67	2,350	55	5,608	75	11,619	404	9.4
5 or More Units . . . . .	11,917	842	5,358	111	3,550	92	8,245	163	11,917	476	11.0
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	8,343	817	2,424	76	4,033	149	4,291	97	8,343	495	7.4
1,001 to 2,000 . . . . .	40,591	2,802	14,570	290	17,296	359	25,064	440	40,591	1,713	4.5
2,001 to 5,000 . . . . .	87,573	3,825	24,647	390	28,696	366	55,113	598	87,573	2,471	3.6
5,001 to 10,000 . . . . .	13,227	539	3,090	49	2,705	44	9,519	107	13,227	338	11.7
10,001 to 25,000 . . . . .	3,384	229	1,584	30	814	23	2,312	53	3,384	124	18.3
25,001 to 50,000 . . . . .	1,472	86	706	10	430	10	1,045	14	1,472	53	29.5
50,001 to 100,000 . . . . .	1,235	54	Q	5	82	2	915	12	1,235	36	28.9
100,001 to 200,000 . . . . .	461	26	191	Q	Q	Q	265	4	461	15	35.3
Over 200,000 . . . . .	495	Q	Q	Q	Q	Q	Q	Q	495	Q	60.0
Year Constructed											
1939 or Before . . . . .	38,935	1,474	7,864	79	10,688	166	18,140	148	38,935	1,081	6.1
1940 to 1949 . . . . .	12,940	657	2,683	38	4,226	77	7,440	95	12,940	446	7.6
1950 to 1959 . . . . .	22,796	1,158	5,597	66	6,084	107	14,532	191	22,796	794	5.6
1960 to 1969 . . . . .	28,028	1,513	7,562	140	7,558	137	19,652	294	28,028	942	6.6
1970 to 1979 . . . . .	34,976	2,295	14,044	341	14,677	275	25,561	397	34,976	1,282	5.3
1980 to 1987 . . . . .	19,105	1,322	10,202	198	11,177	198	13,662	208	19,105	719	8.9

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 1987 Residential Energy Consumption Survey.

**Table R16B.87s. Site Electricity Consumption and Floorspace by End Use in Residential Buildings, 1987**

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)	
	0.7	0.8	1.5	NF	1.7	NF	1.0	NF	0.7	NF	
RSE Column Factors:	0.7	0.8	1.5	NF	1.7	NF	1.0	NF	0.7	NF	
All Buildings . . . . .	156,780	2,757	47,951	283	54,410	315	98,987	436	156,780	1,723	2.1
Census Region											
Northeast . . . . .	36,820	444	7,510	47	8,843	42	19,885	39	36,820	316	4.4
Midwest . . . . .	44,271	610	7,987	45	12,341	60	29,419	86	44,271	419	4.5
South . . . . .	47,135	1,219	22,241	135	25,337	163	39,461	275	47,135	646	3.7
West . . . . .	28,555	483	10,213	55	7,889	49	10,222	36	28,555	343	3.7
Census Division											
New England . . . . .	8,431	98	1,377	10	2,230	11	3,431	5	8,431	72	7.7
Middle Atlantic . . . . .	28,389	346	6,133	38	6,613	31	16,453	34	28,389	243	5.2
East North Central . . . . .	31,515	419	5,235	33	8,986	45	19,364	49	31,515	291	5.5
West North Central . . . . .	12,756	191	2,753	12	3,356	15	10,055	37	12,756	127	7.1
South Atlantic . . . . .	24,419	607	12,121	69	15,593	97	19,671	122	24,419	318	6.0
East South Central . . . . .	9,210	266	4,602	41	6,103	42	7,986	53	9,210	130	10.0
West South Central . . . . .	13,506	347	5,519	25	3,642	24	11,804	100	13,506	198	12.0
Mountain . . . . .	7,233	124	1,987	9	1,795	10	2,403	13	7,233	92	10.6
Pacific . . . . .	21,322	360	8,226	46	6,093	39	7,819	23	21,322	251	4.7
Type of Home											
Mobile Home . . . . .	4,406	157	1,619	18	2,938	35	2,592	18	4,406	86	13.0
Single-Family											
Detached . . . . .	118,655	1,968	35,453	180	42,120	215	75,772	316	118,655	1,256	3.0
Single-Family											
Attached . . . . .	10,183	160	3,193	26	3,452	17	6,769	24	10,183	94	17.2
2 to 4 Units . . . . .	11,619	197	2,328	22	2,350	18	5,608	24	11,619	132	9.4
5 or More Units . . . . .	11,917	276	5,358	36	3,550	30	8,245	53	11,917	156	11.0
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	8,343	268	2,424	25	4,033	49	4,291	32	8,343	162	7.4
1,001 to 2,000 . . . . .	40,591	917	14,570	95	17,296	117	25,064	144	40,591	561	4.5
2,001 to 5,000 . . . . .	87,573	1,252	24,647	128	28,696	120	55,113	196	87,573	809	3.6
5,001 to 10,000 . . . . .	13,227	176	3,090	16	2,705	15	9,519	35	13,227	111	11.7
10,001 to 25,000 . . . . .	3,384	75	1,584	10	814	7	2,312	17	3,384	40	18.3
25,001 to 50,000 . . . . .	1,472	28	706	3	430	3	1,045	5	1,472	17	29.5
50,001 to 100,000 . . . . .	1,235	18	Q	2	82	1	915	4	1,235	12	28.9
100,001 to 200,000 . . . . .	461	9	191	Q	Q	Q	265	1	461	5	35.3
Over 200,000 . . . . .	495	Q	Q	Q	Q	Q	Q	Q	495	Q	60.0
Year Constructed											
1939 or Before . . . . .	38,935	483	7,864	26	10,688	54	18,140	49	38,935	354	6.1
1940 to 1949 . . . . .	12,940	215	2,683	13	4,226	25	7,440	31	12,940	146	7.6
1950 to 1959 . . . . .	22,796	379	5,597	22	6,084	35	14,532	62	22,796	260	5.6
1960 to 1969 . . . . .	28,028	495	7,562	46	7,558	45	19,652	96	28,028	308	6.6
1970 to 1979 . . . . .	34,976	751	14,044	112	14,677	90	25,561	130	34,976	420	5.3
1980 to 1987 . . . . .	19,105	433	10,202	65	11,177	65	13,662	68	19,105	235	8.9

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 1987 Residential Energy Consumption Survey.



**Table R17A.87. Natural Gas Consumption and Number of Buildings by End Use in Residential Buildings, 1987**

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 . . . . .	42,599	4,832	40,205	3,382	37,018	1,100	28,664	337	3.7
Census Region									
Northeast . . . . .	7,448	1,033	6,052	733	6,524	215	5,966	85	10.3
Midwest . . . . .	13,185	1,827	13,000	1,410	11,477	329	8,718	87	5.6
South . . . . .	12,270	1,095	11,849	744	10,001	265	7,744	78	8.8
West . . . . .	9,697	876	9,304	495	9,015	291	6,237	86	4.8
Census Division									
New England . . . . .	958	147	693	102	792	34	779	11	15.8
Middle Atlantic . . . . .	6,490	886	5,359	631	5,732	181	5,187	74	11.6
East North Central . . . . .	9,191	1,349	9,057	1,041	7,965	242	6,365	65	7.7
West North Central . . . . .	3,994	478	3,943	369	3,511	87	2,353	22	7.7
South Atlantic . . . . .	4,465	451	4,215	331	3,361	96	2,471	25	18.4
East South Central . . . . .	2,016	189	2,006	139	1,376	39	1,007	11	14.3
West South Central . . . . .	5,789	454	5,627	274	5,265	131	4,266	42	11.5
Mountain . . . . .	2,839	313	2,794	222	2,592	73	1,463	15	11.2
Pacific . . . . .	6,858	563	6,510	274	6,423	218	4,774	71	5.4
Type of Home									
Mobile Home . . . . .	1,725	123	1,682	87	1,191	25	1,651	11	17.5
Single-Family Detached . . . . .	33,586	3,299	32,227	2,354	29,285	718	21,574	221	4.4
Single-Family Attached . . . . .	3,535	293	3,145	206	3,191	66	2,593	21	15.5
2 to 4 Units . . . . .	2,934	610	2,496	419	2,616	143	2,386	47	7.1
5 or More Units . . . . .	818	508	656	316	735	149	461	37	11.8
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	5,339	375	5,029	250	4,258	95	4,187	29	8.7
1,001 to 2,000 . . . . .	15,660	1,375	15,025	942	13,485	330	10,814	102	5.3
2,001 to 5,000 . . . . .	19,924	2,457	18,775	1,771	17,768	518	12,531	163	4.9
5,001 to 10,000 . . . . .	1,443	386	1,218	272	1,303	86	999	22	10.0
10,001 to 25,000 . . . . .	183	115	122	69	165	37	98	7	17.9
25,001 to 50,000 . . . . .	29	53	19	30	22	16	19	6	30.1
50,001 to 100,000 . . . . .	17	47	14	30	14	13	12	4	34.5
100,001 to 200,000 . . . . .	2	11	1	Q	1	3	2	2	34.1
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	Q	Q	64.0
Year Constructed									
1939 or Before . . . . .	11,542	1,525	10,379	1,137	9,982	293	8,584	96	6.4
1940 to 1949 . . . . .	4,673	481	4,297	337	3,778	104	3,473	40	7.7
1950 to 1959 . . . . .	7,817	786	7,527	538	6,981	186	5,157	58	6.8
1960 to 1969 . . . . .	8,200	922	8,040	623	7,184	224	5,158	67	7.5
1970 to 1979 . . . . .	7,317	822	7,044	559	6,504	208	4,518	55	7.3
1980 to 1987 . . . . .	3,050	296	2,917	189	2,589	86	1,774	22	13.4

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 1987 Residential Energy Consumption Survey.

**Table R17B.87. Natural Gas Consumption and Floorspace by End Use in Residential Buildings, 1987**

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)	
	0.9	1.0	1.0	NF	1.0	NF	1.1	NF	
All Buildings . . . . .	99,357	4,832	91,677	3,382	87,309	1,100	65,015	337	3.8
Census Region									
Northeast . . . . .	21,181	1,033	16,363	733	17,886	215	17,153	85	10.5
Midwest . . . . .	33,280	1,827	32,860	1,410	29,730	329	21,109	87	5.1
South . . . . .	23,670	1,095	22,489	744	19,924	265	13,964	78	9.9
West . . . . .	21,225	876	19,965	495	19,770	291	12,789	86	4.2
Census Division									
New England . . . . .	2,994	147	2,137	102	2,536	34	2,367	11	15.1
Middle Atlantic . . . . .	18,187	886	14,227	631	15,350	181	14,786	74	11.9
East North Central . . . . .	23,577	1,349	23,296	1,041	21,198	242	15,647	65	6.9
West North Central . . . . .	9,703	478	9,564	369	8,532	87	5,462	22	7.7
South Atlantic . . . . .	9,738	451	9,184	331	7,774	96	5,505	25	19.9
East South Central . . . . .	3,889	189	3,842	139	2,848	39	1,874	11	14.8
West South Central . . . . .	10,043	454	9,463	274	9,302	131	6,585	42	13.4
Mountain . . . . .	5,638	313	5,522	222	5,198	73	2,501	15	10.9
Pacific . . . . .	15,587	563	14,443	274	14,572	218	10,288	71	5.1
Type of Home									
Mobile Home . . . . .	1,582	123	1,540	87	1,131	25	1,511	11	17.9
Single-Family									
Detached . . . . .	72,994	3,299	69,595	2,354	64,575	718	46,192	221	4.7
Single-Family									
Attached . . . . .	7,018	293	6,250	206	6,268	66	5,003	21	15.2
2 to 4 Units . . . . .	9,398	610	8,075	419	8,314	143	7,535	47	7.5
5 or More Units . . . . .	8,365	508	6,218	316	7,021	149	4,772	37	12.0
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	4,342	375	4,094	250	3,469	95	3,358	29	8.9
1,001 to 2,000 . . . . .	23,797	1,375	22,772	942	20,611	330	16,345	102	5.2
2,001 to 5,000 . . . . .	56,406	2,457	53,137	1,771	50,342	518	35,443	163	5.1
5,001 to 10,000 . . . . .	9,548	386	8,085	272	8,643	86	6,541	22	10.4
10,001 to 25,000 . . . . .	2,484	115	1,689	69	2,244	37	1,390	7	16.7
25,001 to 50,000 . . . . .	1,052	53	691	30	793	16	694	6	28.9
50,001 to 100,000 . . . . .	1,142	47	846	30	898	13	818	4	33.1
100,001 to 200,000 . . . . .	344	11	162	Q	166	3	283	2	34.6
Over 200,000 . . . . .	240	Q	Q	Q	Q	Q	Q	Q	55.0
Year Constructed									
1939 or Before . . . . .	27,678	1,525	24,041	1,137	23,933	293	20,617	96	6.4
1940 to 1949 . . . . .	9,259	481	8,342	337	7,576	104	6,778	40	8.3
1950 to 1959 . . . . .	15,558	786	14,744	538	13,819	186	10,267	58	6.8
1960 to 1969 . . . . .	20,355	922	19,555	623	17,900	224	12,755	67	7.3
1970 to 1979 . . . . .	18,846	822	17,828	559	17,282	208	10,559	55	6.7
1980 to 1987 . . . . .	7,661	296	7,166	189	6,800	86	4,038	22	14.5

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 1987 Residential Energy Consumption Survey.

**Table R18A.87. Fuel Oil Consumption and Number of Buildings by End Use in Residential Buildings, 1987**

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	Buildings (thousand)	Consumption (trillion Btu)	Buildings (thousand)	Consumption (trillion Btu)	Buildings (thousand)	Consumption (trillion Btu)	
	RSE Column Factors:	0.9	0.9	NF	1.3	NF	
All Buildings . . . . .	9,143	1,135	9,111	966	3,082	167	7.3
Census Region							
Northeast . . . . .	5,342	845	5,337	682	2,916	161	9.0
Midwest . . . . .	1,894	147	1,892	145	Q	Q	13.2
South . . . . .	1,555	126	1,555	123	105	3	21.3
West . . . . .	353	17	327	17	Q	Q	50.3
Census Division							
New England . . . . .	1,904	258	1,904	210	1,074	47	7.9
Middle Atlantic . . . . .	3,438	587	3,433	471	1,842	114	12.8
East North Central . . . . .	1,528	123	1,528	122	Q	Q	14.1
West North Central . . . . .	366	23	364	23	7	Q	35.2
South Atlantic . . . . .	1,417	113	1,417	110	105	3	22.1
East South Central . . . . .	Q	Q	Q	Q	*	*	0.0
West South Central . . . . .	*	*	*	*	*	*	0.0
Mountain . . . . .	Q	Q	Q	Q	*	*	0.0
Pacific . . . . .	Q	Q	Q	Q	Q	Q	0.0
Type of Home							
Mobile Home . . . . .	396	26	396	26	*	*	22.8
Single-Family							
Detached . . . . .	7,427	741	7,401	649	2,494	90	7.9
Single-Family							
Attached . . . . .	637	68	637	61	216	7	30.6
2 to 4 Units . . . . .	560	129	553	108	279	21	11.0
5 or More Units . . . . .	124	171	124	122	94	49	22.2
Building Floorspace (square feet)							
Fewer than 1,001 . . . . .	693	48	693	45	107	3	20.3
1,001 to 2,000 . . . . .	2,708	250	2,688	224	610	26	10.3
2,001 to 5,000 . . . . .	5,199	592	5,186	510	2,013	82	9.6
5,001 to 10,000 . . . . .	499	119	499	97	323	20	16.6
10,001 to 25,000 . . . . .	31	29	31	22	Q	Q	43.4
25,001 to 50,000 . . . . .	8	35	8	24	7	10	31.6
50,001 to 100,000 . . . . .	4	31	4	22	3	9	42.7
100,001 to 200,000 . . . . .	2	20	2	14	1	6	15.1
Over 200,000 . . . . .	*	11	*	Q	*	2	41.7
Year Constructed							
1939 or Before . . . . .	3,565	488	3,558	431	1,009	56	12.1
1940 to 1949 . . . . .	1,077	121	1,077	104	271	17	16.0
1950 to 1959 . . . . .	1,969	212	1,956	177	813	35	12.1
1960 to 1969 . . . . .	1,097	164	1,097	130	418	33	15.5
1970 to 1979 . . . . .	1,184	128	1,171	106	461	21	15.4
1980 to 1987 . . . . .	252	22	252	17	110	5	27.8

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 1987 Residential Energy Consumption Survey.

**Table R18B.87. Fuel Oil Consumption and Floorspace by End Use in Residential Buildings, 1987**

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Floorspace (million sq.ft.)	Consumption (trillion Btu)	
	RSE Column Factors:	0.9	0.9	NF	1.3	NF	
All Buildings . . . . .	24,777	1,135	24,702	966	10,176	167	7.6
Census Region							
Northeast . . . . .	16,112	845	16,106	682	9,739	161	9.2
Midwest . . . . .	4,745	147	4,743	145	Q	Q	14.1
South . . . . .	3,058	126	3,058	123	286	3	20.8
West . . . . .	Q	17	Q	17	Q	Q	53.1
Census Division							
New England . . . . .	5,615	258	5,615	210	3,427	47	8.4
Middle Atlantic . . . . .	10,497	587	10,490	471	6,312	114	13.0
East North Central . . . . .	3,915	123	3,915	122	Q	Q	14.9
West North Central . . . . .	830	23	828	23	Q	Q	37.3
South Atlantic . . . . .	2,801	113	2,801	110	286	3	21.6
East South Central . . . . .	Q	Q	Q	Q	*	*	0.0
West South Central . . . . .	*	*	*	*	*	*	0.0
Mountain . . . . .	Q	Q	Q	Q	*	*	0.0
Pacific . . . . .	Q	Q	Q	Q	Q	Q	0.0
Type of Home							
Mobile Home . . . . .	269	26	269	26	*	*	23.7
Single-Family							
Detached . . . . .	19,455	741	19,389	649	7,388	90	8.6
Single-Family							
Attached . . . . .	1,429	68	1,429	61	489	7	33.8
2 to 4 Units . . . . .	1,955	129	1,946	108	996	21	11.5
5 or More Units . . . . .	1,669	171	1,669	122	1,303	49	24.3
Building Floorspace (square feet)							
Fewer than 1,001 . . . . .	529	48	529	45	92	3	20.7
1,001 to 2,000 . . . . .	4,294	250	4,263	224	995	26	10.8
2,001 to 5,000 . . . . .	15,371	592	15,326	510	6,009	82	9.7
5,001 to 10,000 . . . . .	3,190	119	3,190	97	2,087	20	16.3
10,001 to 25,000 . . . . .	423	29	423	22	Q	Q	45.1
25,001 to 50,000 . . . . .	279	35	279	24	240	10	29.0
50,001 to 100,000 . . . . .	324	31	324	22	Q	9	47.3
100,001 to 200,000 . . . . .	225	20	225	14	188	6	16.5
Over 200,000 . . . . .	143	11	143	Q	74	2	44.6
Year Constructed							
1939 or Before . . . . .	10,105	488	10,096	431	3,233	56	11.4
1940 to 1949 . . . . .	2,531	121	2,531	104	794	17	14.9
1950 to 1959 . . . . .	4,889	212	4,867	177	2,265	35	12.9
1960 to 1969 . . . . .	3,242	164	3,242	130	1,849	33	16.7
1970 to 1979 . . . . .	3,352	128	3,308	106	1,679	21	16.8
1980 to 1987 . . . . .	658	22	658	17	354	5	29.6

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 1987 Residential Energy Consumption Survey.

**Table R19.87. Total Expenditures for All End Uses by Energy Source in Residential Buildings, 1987  
(Million Dollars)**

Building Characteristics	Energy Sources				RSE Row Factors
	All Major Sources	Electricity	Natural Gas	Fuel Oil	
	1987 Dollars	1987 Dollars	1987 Dollars	1987 Dollars	
	RSE Column Factors:	0.6	0.7	1.2	1.9
<b>All Buildings</b> .....	97,747	61,580	26,149	6,559	2.4
<b>Census Region</b>					
Northeast .....	24,309	12,339	6,666	4,860	4.8
Midwest .....	25,028	14,080	9,003	857	4.5
South .....	33,404	25,129	6,051	741	5.3
West .....	15,006	10,032	4,429	102	5.9
<b>Census Division</b>					
New England .....	5,219	2,565	993	1,521	6.8
Middle Atlantic .....	19,090	9,774	5,673	3,339	5.9
East North Central .....	18,218	9,962	6,762	724	5.3
West North Central .....	6,809	4,118	2,242	133	8.8
South Atlantic .....	17,569	13,081	2,934	664	8.5
East South Central .....	6,037	4,654	931	Q	9.7
West South Central .....	9,798	7,394	2,187	*	9.9
Mountain .....	4,195	2,626	1,422	Q	10.6
Pacific .....	10,811	7,406	3,006	Q	5.6
<b>Type of Home</b>					
Mobile Home .....	4,849	3,279	636	160	15.6
Single-Family					
Detached .....	67,626	43,133	17,497	4,400	3.4
Single-Family					
Attached .....	6,031	3,816	1,749	421	17.4
2 to 4 Units .....	9,096	4,852	3,445	774	8.3
5 or More Units .....	10,144	6,500	2,822	803	10.5
<b>Building Floorspace (square feet)</b>					
Fewer than 1,001 .....	9,209	5,876	1,980	295	9.3
1,001 to 2,000 .....	30,273	19,943	7,398	1,518	4.7
2,001 to 5,000 .....	45,929	28,160	13,298	3,500	4.3
5,001 to 10,000 .....	6,920	4,142	2,076	692	10.6
10,001 to 25,000 .....	2,517	1,733	645	136	19.4
25,001 to 50,000 .....	1,138	677	308	150	21.4
50,001 to 100,000 .....	909	484	292	134	23.7
100,001 to 200,000 .....	399	243	68	87	23.6
Over 200,000 .....	452	Q	Q	46	25.4
<b>Year Constructed</b>					
1939 or Before .....	23,741	11,718	8,434	2,843	6.4
1940 to 1949 .....	8,586	4,870	2,692	683	8.3
1950 to 1959 .....	14,646	8,708	4,188	1,254	6.1
1960 to 1969 .....	17,393	10,988	5,071	906	7.4
1970 to 1979 .....	22,088	16,110	4,193	746	6.8
1980 to 1987 .....	11,293	9,188	1,570	127	12.3

\* = 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 1987 Residential Energy Consumption Survey.

**Table R20.87. Total Expenditures for Space Heating by Energy Source in Residential Buildings, 1987  
(Million Dollars)**

Building Characteristics  RSE Column Factors:	Energy Sources				RSE Row Factors
	All Major Sources	Electricity	Natural Gas	Fuel Oil	
	1987 Dollars	1987 Dollars	1987 Dollars	1987 Dollars	
	NF	NF	NF	NF	
<b>All Buildings</b> .....	31,682	5,529	18,046	5,610	
<b>Census Region</b>					
Northeast .....	9,915	1,124	4,569	3,945	
Midwest .....	9,499	862	6,941	850	
South .....	8,549	2,607	4,130	721	
West .....	3,718	935	2,407	94	
<b>Census Division</b>					
New England .....	2,211	230	671	1,242	
Middle Atlantic .....	7,703	894	3,898	2,703	
East North Central .....	7,198	650	5,217	719	
West North Central .....	2,302	213	1,723	132	
South Atlantic .....	4,817	1,402	2,136	645	
East South Central .....	1,773	696	680	Q	
West South Central .....	1,959	509	1,314	*	
Mountain .....	1,271	177	981	Q	
Pacific .....	2,447	759	1,426	Q	
<b>Type of Home</b>					
Mobile Home .....	1,521	342	451	160	
Single-Family					
Detached .....	21,541	3,457	12,387	3,845	
Single-Family					
Attached .....	2,145	518	1,208	378	
2 to 4 Units .....	3,398	430	2,299	649	
5 or More Units .....	3,076	781	1,701	578	
<b>Building Floorspace (square feet)</b>					
Fewer than 1,001 .....	2,771	472	1,307	276	
1,001 to 2,000 .....	9,248	1,807	5,005	1,353	
2,001 to 5,000 .....	15,694	2,507	9,488	3,014	
5,001 to 10,000 .....	2,324	317	1,434	564	
10,001 to 25,000 .....	700	219	374	107	
25,001 to 50,000 .....	335	62	164	105	
50,001 to 100,000 .....	307	35	177	95	
100,001 to 200,000 .....	131	Q	Q	62	
Over 200,000 .....	170	Q	Q	33	
<b>Year Constructed</b>					
1939 or Before .....	9,709	540	6,119	2,525	
1940 to 1949 .....	2,944	245	1,862	590	
1950 to 1959 .....	4,700	414	2,839	1,048	
1960 to 1969 .....	5,311	860	3,409	725	
1970 to 1979 .....	6,332	2,157	2,828	624	
1980 to 1987 .....	2,687	1,313	989	98	

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 1987 Residential Energy Consumption Survey.

**Table R21.87. Total Expenditures for Air Conditioning and Appliances by Energy Source in Residential Buildings, 1987 (Million Dollars)**

Building Characteristics	Energy Source for Air Conditioning	Energy Sources for Appliances			RSE Row Factors
	All Major Sources	All Major Sources	Electricity	Natural Gas	
	1987 Dollars	1987 Dollars	1987 Dollars	1987 Dollars	
	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	
<b>All Buildings</b> .....	9,770	42,326	39,832	2,020	
<b>Census Region</b>					
Northeast .....	1,136	9,856	9,057	674	
Midwest .....	2,069	10,429	9,921	429	
South .....	5,716	14,096	13,455	435	
West .....	849	7,946	7,400	482	
<b>Census Division</b>					
New England .....	128	2,051	1,926	83	
Middle Atlantic .....	1,008	7,805	7,131	591	
East North Central .....	1,251	7,508	7,134	324	
West North Central .....	819	2,921	2,787	105	
South Atlantic .....	2,682	7,202	6,881	165	
East South Central .....	926	2,388	2,304	59	
West South Central .....	2,108	4,505	4,270	211	
Mountain .....	306	2,058	1,965	80	
Pacific .....	543	5,888	5,435	402	
<b>Type of Home</b>					
Mobile Home .....	378	2,029	1,829	60	
Single-Family					
Detached .....	6,977	29,893	28,329	1,238	
Single-Family					
Attached .....	588	2,510	2,367	139	
2 to 4 Units .....	596	3,781	3,460	317	
5 or More Units .....	1,231	4,113	3,847	265	
<b>Building Floorspace (square feet)</b>					
Fewer than 1,001 .....	700	4,028	3,657	167	
1,001 to 2,000 .....	3,152	13,340	12,621	595	
2,001 to 5,000 .....	4,421	19,881	18,797	953	
5,001 to 10,000 .....	805	2,860	2,705	142	
10,001 to 25,000 .....	385	1,033	974	58	
25,001 to 50,000 .....	102	498	448	50	
50,001 to 100,000 .....	107	366	330	36	
100,001 to 200,000 .....	40	163	149	14	
Over 200,000 .....	58	156	Q	5	
<b>Year Constructed</b>					
1939 or Before .....	1,180	9,591	8,842	639	
1940 to 1949 .....	678	3,713	3,433	245	
1950 to 1959 .....	1,432	6,511	6,142	332	
1960 to 1969 .....	2,135	7,533	7,085	383	
1970 to 1979 .....	2,863	9,750	9,275	296	
1980 to 1987 .....	1,482	5,228	5,054	125	

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 1987 Residential Energy Consumption Survey.

**Table R22.87. Total Expenditures by End Use in Residential Buildings, 1987 (Million Dollars)**

Building Characteristics	End Uses					RSE Row Factors
	All End Uses	Space Heating	Water Heating	Air Conditioning	Appliances	
	1987 Dollars	1987 Dollars	1987 Dollars	1987 Dollars	1987 Dollars	
	RSE Column Factors:	1.0	NF	NF	NF	
<b>All Buildings</b> .....	97,747	31,682	13,910	9,829	42,326	1.0
<b>Census Region</b>						
Northeast .....	24,309	9,915	3,403	1,136	9,856	2.6
Midwest .....	25,028	9,499	3,025	2,074	10,429	2.1
South .....	33,404	8,549	5,013	5,746	14,096	2.0
West .....	15,006	3,718	2,469	873	7,946	2.3
<b>Census Division</b>						
New England .....	5,219	2,211	829	128	2,051	4.3
Middle Atlantic .....	19,090	7,703	2,574	1,008	7,805	3.2
East North Central .....	18,218	7,198	2,258	1,255	7,508	2.5
West North Central .....	6,809	2,302	767	820	2,921	4.9
South Atlantic .....	17,569	4,817	2,868	2,682	7,202	3.6
East South Central .....	6,037	1,773	950	926	2,388	6.3
West South Central .....	9,798	1,959	1,195	2,138	4,505	7.1
Mountain .....	4,195	1,271	543	323	2,058	7.7
Pacific .....	10,811	2,447	1,926	550	5,888	3.8
<b>Type of Home</b>						
Mobile Home .....	4,849	1,521	920	378	2,029	11.4
Single-Family						
Detached .....	67,626	21,541	9,192	7,000	29,893	2.0
Single-Family						
Attached .....	6,031	2,145	788	588	2,510	13.2
2 to 4 Units .....	9,096	3,398	1,317	601	3,781	6.5
5 or More Units .....	10,144	3,076	1,694	1,262	4,113	6.9
<b>Building Floorspace (square feet)</b>						
Fewer than 1,001 .....	9,209	2,771	1,710	700	4,028	6.5
1,001 to 2,000 .....	30,273	9,248	4,526	3,159	13,340	2.9
2,001 to 5,000 .....	45,929	15,694	5,913	4,441	19,881	2.8
5,001 to 10,000 .....	6,920	2,324	903	832	2,860	8.5
10,001 to 25,000 .....	2,517	700	395	389	1,033	13.4
25,001 to 50,000 .....	1,138	335	204	102	498	17.1
50,001 to 100,000 .....	909	307	129	107	366	14.9
100,001 to 200,000 .....	399	131	62	41	163	20.8
Over 200,000 .....	452	170	Q	58	58	25.0
<b>Year Constructed</b>						
1939 or Before .....	23,741	9,709	3,261	1,181	9,591	4.8
1940 to 1949 .....	8,586	2,944	1,251	678	3,713	6.2
1950 to 1959 .....	14,646	4,700	1,986	1,450	6,511	4.4
1960 to 1969 .....	17,393	5,311	2,376	2,173	7,533	5.2
1970 to 1979 .....	22,088	6,332	3,141	2,865	9,750	4.3
1980 to 1987 .....	11,293	2,687	1,896	1,482	5,228	7.5

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 1987 Residential Energy Consumption Survey.



**Table R23.87. Electricity Expenditures by End Use in Residential Buildings, 1987 (Million Dollars)**

Building Characteristics	End Uses					RSE Row Factors
	All End Uses	Space Heating	Water Heating	Air Conditioning	Appliances	
	1987 Dollars	1987 Dollars	1987 Dollars	1987 Dollars	1987 Dollars	
	RSE Column Factors:	1.0	NF	NF	NF	
<b>All Buildings</b> .....	61,580	5,529	6,450	9,770	39,832	1.4
<b>Census Region</b>						
Northeast .....	12,339	1,124	1,023	1,136	9,057	2.8
Midwest .....	14,080	862	1,227	2,069	9,921	3.8
South .....	25,129	2,607	3,352	5,716	13,455	2.7
West .....	10,032	935	848	849	7,400	2.8
<b>Census Division</b>						
New England .....	2,565	230	280	128	1,926	5.6
Middle Atlantic .....	9,774	894	743	1,008	7,131	3.2
East North Central .....	9,962	650	928	1,251	7,134	4.3
West North Central .....	4,118	213	299	819	2,787	5.3
South Atlantic .....	13,081	1,402	2,116	2,682	6,881	4.9
East South Central .....	4,654	696	729	926	2,304	7.1
West South Central .....	7,394	509	507	2,108	4,270	8.0
Mountain .....	2,626	177	178	306	1,965	8.2
Pacific .....	7,406	759	670	543	5,435	4.2
<b>Type of Home</b>						
Mobile Home .....	3,279	342	729	378	1,829	11.9
Single-Family						
Detached .....	43,133	3,457	4,370	6,977	28,329	2.1
Single-Family						
Attached .....	3,816	518	343	588	2,367	16.2
2 to 4 Units .....	4,852	430	366	596	3,460	8.3
5 or More Units .....	6,500	781	641	1,231	3,847	9.1
<b>Building Floorspace</b>						
<b>(square feet)</b>						
Fewer than 1,001 .....	5,876	472	1,047	700	3,657	6.8
1,001 to 2,000 .....	19,943	1,807	2,363	3,152	12,621	3.6
2,001 to 5,000 .....	28,160	2,507	2,436	4,421	18,797	2.9
5,001 to 10,000 .....	4,142	317	314	805	2,705	10.1
10,001 to 25,000 .....	1,733	219	155	385	974	16.6
25,001 to 50,000 .....	677	62	65	102	448	20.6
50,001 to 100,000 .....	484	35	11	107	330	14.9
100,001 to 200,000 .....	243	Q	Q	40	149	26.8
Over 200,000 .....	Q	Q	Q	58	Q	25.0
<b>Year Constructed</b>						
1939 or Before .....	11,718	540	1,156	1,180	8,842	4.8
1940 to 1949 .....	4,870	245	514	678	3,433	6.3
1950 to 1959 .....	8,708	414	719	1,432	6,142	4.5
1960 to 1969 .....	10,988	860	908	2,135	7,085	5.4
1970 to 1979 .....	16,110	2,157	1,814	2,863	9,275	4.9
1980 to 1987 .....	9,188	1,313	1,338	1,482	5,054	8.1

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 1987 Residential Energy Consumption Survey.

**Table R24.87. Natural Gas Expenditures by End Use in Residential Buildings, 1987 (Million Dollars)**

Building Characteristics	End Uses				RSE Row Factors
	All End Uses	Space Heating	Water Heating	Appliances	
	1987 Dollars	1987 Dollars	1987 Dollars	1987 Dollars	
	RSE Column Factors:	1.0	NF	NF	NF
<b>All Buildings</b> .....	26,149	18,046	6,024	2,020	3.8
<b>Census Region</b>					
Northeast .....	6,666	4,569	1,423	674	10.2
Midwest .....	9,003	6,941	1,628	429	4.3
South .....	6,051	4,130	1,456	435	9.4
West .....	4,429	2,407	1,516	482	4.3
<b>Census Division</b>					
New England .....	993	671	239	83	12.3
Middle Atlantic .....	5,673	3,898	1,184	591	11.8
East North Central .....	6,762	5,217	1,217	324	5.7
West North Central .....	2,242	1,723	412	105	7.0
South Atlantic .....	2,934	2,136	633	165	17.8
East South Central .....	931	680	191	59	10.7
West South Central .....	2,187	1,314	633	211	9.2
Mountain .....	1,422	981	345	80	10.0
Pacific .....	3,006	1,426	1,171	402	5.8
<b>Type of Home</b>					
Mobile Home .....	636	451	125	60	20.1
Single-Family					
Detached .....	17,497	12,387	3,848	1,238	4.8
Single-Family					
Attached .....	1,749	1,208	402	139	16.2
2 to 4 Units .....	3,445	2,299	824	317	7.6
5 or More Units .....	2,822	1,701	825	265	10.0
<b>Building Floorspace</b>					
<b>(square feet)</b>					
Fewer than 1,001 .....	1,980	1,307	505	167	9.5
1,001 to 2,000 .....	7,398	5,005	1,792	595	5.5
2,001 to 5,000 .....	13,298	9,488	2,838	953	5.1
5,001 to 10,000 .....	2,076	1,434	473	142	10.7
10,001 to 25,000 .....	645	374	209	58	14.7
25,001 to 50,000 .....	308	164	94	50	21.9
50,001 to 100,000 .....	292	177	79	36	31.9
100,001 to 200,000 .....	68	Q	19	14	34.9
Over 200,000 .....	Q	Q	Q	5	25.0
<b>Year Constructed</b>					
1939 or Before .....	8,434	6,119	1,676	639	7.4
1940 to 1949 .....	2,692	1,862	585	245	8.8
1950 to 1959 .....	4,188	2,839	999	332	6.6
1960 to 1969 .....	5,071	3,409	1,241	383	7.3
1970 to 1979 .....	4,193	2,828	1,067	296	7.1
1980 to 1987 .....	1,570	989	456	125	14.4

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 1987 Residential Energy Consumption Survey.

**Table R25.87. Fuel Oil Expenditures by End Use in Residential Buildings, 1987 (Million Dollars)**

Building Characteristics	End Uses			RSE Row Factors
	All End Uses	Space Heating	Water Heating	
	1987 Dollars	1987 Dollars	1987 Dollars	
	RSE Column Factors:	1.0	NF	NF
<b>All Buildings</b> .....	6,559	5,610	935	5.9
<b>Census Region</b>				
Northeast .....	4,860	3,945	901	7.2
Midwest .....	857	850	Q	12.0
South .....	741	721	19	15.7
West .....	102	94	Q	43.5
<b>Census Division</b>				
New England .....	1,521	1,242	274	7.2
Middle Atlantic .....	3,339	2,703	627	9.7
East North Central .....	724	719	Q	12.8
West North Central .....	133	132	Q	32.3
South Atlantic .....	664	645	19	16.3
East South Central .....	Q	Q	*	0.0
West South Central .....	*	*	*	0.0
Mountain .....	Q	Q	*	0.0
Pacific .....	Q	Q	Q	0.0
<b>Type of Home</b>				
Mobile Home .....	160	160	*	21.6
Single-Family				
Detached .....	4,400	3,845	542	6.8
Single-Family				
Attached .....	421	378	43	26.7
2 to 4 Units .....	774	649	125	11.5
5 or More Units .....	803	578	225	19.7
<b>Building Floorspace (square feet)</b>				
Fewer than 1,001 .....	295	276	19	17.7
1,001 to 2,000 .....	1,518	1,353	165	8.8
2,001 to 5,000 .....	3,500	3,014	485	8.3
5,001 to 10,000 .....	692	564	115	13.8
10,001 to 25,000 .....	136	107	Q	43.0
25,001 to 50,000 .....	150	105	44	27.4
50,001 to 100,000 .....	134	95	39	44.5
100,001 to 200,000 .....	87	62	25	16.0
Over 200,000 .....	46	33	13	47.8
<b>Year Constructed</b>				
1939 or Before .....	2,843	2,525	318	9.9
1940 to 1949 .....	683	590	92	13.8
1950 to 1959 .....	1,254	1,048	206	10.3
1960 to 1969 .....	906	725	173	14.5
1970 to 1979 .....	746	624	119	14.4
1980 to 1987 .....	127	98	27	26.0

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 1987 Residential Energy Consumption Survey.

**Table R1.90. Residential Building and Housing Unit Characteristics, 1990**

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:	1.5	1.3	0.7	1.1	0.8	0.9	
<b>All Buildings</b> .....	169,227	74,213	2,280	93,991	1,800	690	1.6
<b>Census Region</b>							
Northeast .....	40,345	13,903	2,902	19,223	2,099	794	3.1
Midwest .....	46,939	18,738	2,505	23,069	2,035	811	2.7
South .....	52,440	26,735	1,961	32,296	1,624	622	3.2
West .....	29,503	14,837	1,988	19,403	1,521	566	3.4
<b>Census Division</b>							
New England .....	9,294	3,162	2,940	4,544	2,046	816	4.5
Middle Atlantic .....	31,051	10,741	2,891	14,679	2,115	787	3.3
East North Central .....	33,757	13,306	2,537	16,611	2,032	804	3.2
West North Central .....	13,181	5,433	2,426	6,458	2,041	832	3.5
South Atlantic .....	26,612	13,403	1,986	16,558	1,607	635	4.1
East South Central .....	10,770	5,436	1,981	6,431	1,675	664	9.8
West South Central .....	15,057	7,896	1,907	9,307	1,618	576	4.2
Mountain .....	7,818	4,167	1,876	4,844	1,614	589	6.4
Pacific .....	21,685	10,670	2,032	14,559	1,489	558	3.8
<b>Type of Home</b>							
Mobile Home .....	4,895	5,212	939	5,212	939	348	6.4
Single-Family							
Detached .....	130,855	58,363	2,242	58,363	2,242	786	1.9
Single-Family							
Attached .....	10,014	6,001	1,669	6,001	1,669	683	7.8
2 to 4 Units .....	11,784	3,644	3,234	9,997	1,179	525	5.5
5 or More Units .....	11,679	993	11,759	14,418	810	425	5.4
<b>Building / Housing Unit Floorspace (square feet)</b>							
Fewer than 1,001 .....	8,297	10,356	801	27,392	729	346	2.6
1,001 to 2,000 .....	41,190	27,736	1,485	32,513	1,450	536	1.7
2,001 to 5,000 .....	96,277	33,448	2,878	32,657	2,847	981	1.8
5,001 to 10,000 .....	14,465	2,263	6,393	1,346	6,105	1,861	5.4
10,001 to 25,000 .....	4,441	339	13,110	Q	Q	Q	8.0
25,001 to 50,000 .....	1,135	34	33,617	NC	NC	NC	9.3
50,001 to 100,000 .....	1,930	29	67,074	NC	NC	NC	10.4
100,001 to 200,000 .....	820	7	125,298	NC	NC	NC	16.9
Over 200,000 .....	673	2	278,980	NC	NC	NC	14.7
<b>Year Constructed</b>							
1939 or Before .....	40,769	16,760	2,432	21,462	1,900	741	3.5
1940 to 1949 .....	11,592	6,069	1,910	7,028	1,649	635	4.8
1950 to 1959 .....	24,694	11,883	2,078	13,379	1,846	721	4.1
1960 to 1969 .....	26,191	11,356	2,306	14,811	1,768	715	4.6
1970 to 1979 .....	36,274	15,329	2,366	21,436	1,692	637	4.0
1980 to 1990 .....	29,708	12,815	2,318	15,876	1,871	675	5.2

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 1990 Residential Energy Consumption Survey.

**Table R2.90. Energy Sources Used for All End Uses in Residential Buildings, Number of Buildings and Total Floorspace, 1990**

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.)	
	0.5	0.5	0.5	0.5	0.8	0.8	1.4	1.4	1.8	2.0	2.0	1.9	
RSE Column Factors:	0.5	0.5	0.5	0.5	0.8	0.8	1.4	1.4	1.8	2.0	2.0	1.9	
All Buildings . . . . .	74,213	169,227	74,179	169,204	44,829	106,320	9,151	25,386	5,112	9,338	7,979	13,876	4.1
Census Region													
Northeast . . . . .	13,903	40,345	13,903	40,345	7,714	23,591	5,636	17,581	1,120	2,443	1,122	2,308	7.2
Midwest . . . . .	18,738	46,939	18,738	46,939	13,632	34,701	1,500	3,842	1,292	2,878	2,361	5,006	8.1
South . . . . .	26,735	52,440	26,735	52,440	13,172	26,626	1,616	2,978	2,460	3,458	3,428	5,074	8.1
West . . . . .	14,837	29,503	14,804	29,481	10,312	21,402	Q	Q	240	559	1,068	1,488	8.6
Census Division													
New England . . . . .	3,162	9,294	3,162	9,294	1,074	3,460	1,907	5,604	237	402	525	1,138	10.4
Middle Atlantic . . . . .	10,741	31,051	10,741	31,051	6,640	20,131	3,728	11,977	883	2,041	598	1,170	9.3
East North Central . . . . .	13,306	33,757	13,306	33,757	9,607	24,720	1,223	3,024	1,068	2,456	1,589	3,301	10.7
West North Central . . . . .	5,433	13,181	5,433	13,181	4,025	9,981	277	818	224	422	771	1,706	11.4
South Atlantic . . . . .	13,403	26,612	13,403	26,612	4,545	9,917	1,463	2,670	1,783	2,542	1,898	2,830	10.8
East South Central . . . . .	5,436	10,770	5,436	10,770	2,461	5,547	Q	Q	586	790	861	1,204	21.7
West South Central . . . . .	7,896	15,057	7,896	15,057	6,165	11,162	*	*	91	125	670	Q	14.9
Mountain . . . . .	4,167	7,818	4,167	7,818	3,276	6,000	Q	Q	99	256	Q	Q	18.0
Pacific . . . . .	10,670	21,685	10,637	21,663	7,036	15,401	Q	Q	142	303	857	1,082	10.6
Type of Home													
Mobile Home . . . . .	5,212	4,895	5,212	4,895	2,004	1,954	359	286	942	818	1,691	1,455	19.4
Single-Family													
Detached . . . . .	58,363	130,855	58,330	130,833	36,202	81,943	7,519	20,069	3,809	7,524	6,115	11,851	5.2
Single-Family													
Attached . . . . .	6,001	10,014	6,001	10,014	3,319	6,014	716	1,448	300	629	Q	Q	18.9
2 to 4 Units . . . . .	3,644	11,784	3,644	11,784	2,700	9,034	479	1,809	Q	Q	101	390	13.4
5 or More Units . . . . .	993	11,679	993	11,679	604	7,375	78	1,774	Q	Q	Q	Q	13.0
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	10,356	8,297	10,323	8,275	4,957	4,016	743	578	1,339	1,053	2,377	1,772	10.6
1,001 to 2,000 . . . . .	27,736	41,190	27,736	41,190	17,117	25,748	2,187	3,301	1,960	2,757	3,065	4,350	6.9
2,001 to 5,000 . . . . .	33,448	96,277	33,448	96,277	20,863	60,127	5,766	17,123	1,764	5,128	2,458	7,169	6.6
5,001 to 10,000 . . . . .	2,263	14,465	2,263	14,465	1,607	10,140	414	2,676	42	Q	76	512	17.5
10,001 to 25,000 . . . . .	339	4,441	339	4,441	237	3,080	Q	Q	Q	Q	Q	Q	32.4
25,001 to 50,000 . . . . .	34	1,135	34	1,135	25	825	Q	245	*	*	*	*	34.2
50,001 to 100,000 . . . . .	29	1,930	29	1,930	16	1,075	7	490	*	*	*	*	28.2
100,001 to 200,000 . . . . .	7	820	7	820	5	697	Q	Q	*	*	*	*	63.9
Over 200,000 . . . . .	2	673	2	673	2	613	1	325	*	*	Q	Q	26.3
Year Constructed													
1939 or Before . . . . .	16,760	40,769	16,760	40,769	11,758	29,493	3,258	9,777	1,285	2,572	1,766	3,547	8.5
1940 to 1949 . . . . .	6,069	11,592	6,069	11,592	4,347	8,734	804	1,802	377	649	699	1,092	12.7
1950 to 1959 . . . . .	11,883	24,694	11,883	24,694	8,194	17,596	2,041	4,974	580	984	890	1,202	10.1
1960 to 1969 . . . . .	11,356	26,191	11,356	26,191	7,636	17,918	1,454	3,716	621	1,382	1,036	1,672	10.9
1970 to 1979 . . . . .	15,329	36,274	15,329	36,274	7,656	18,351	1,246	4,187	1,485	2,626	1,744	3,032	9.5
1980 to 1990 . . . . .	12,815	29,708	12,782	29,685	5,239	14,227	349	931	764	1,125	1,844	3,332	13.4

\* = 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 1990 Residential Energy Consumption Survey.

**Table R3.90. Energy Sources Used for Main Space Heating in Residential Buildings, Number of Buildings and Total Floorspace, 1990**

Building Characteristics	Energy Sources												RSE Row Factors
	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	1.0	0.6	0.7	1.0	1.1	2.4	2.4	1.7	1.8	
RSE Column Factors:	0.3	0.4	1.1	1.0	0.6	0.7	1.0	1.1	2.4	2.4	1.7	1.8	
All Buildings	73,703	168,625	14,480	32,372	41,528	96,553	8,228	22,965	999	1,137	4,346	7,266	6.6
Census Region													
Northeast	13,903	40,345	1,280	3,474	6,282	18,142	5,313	16,448	264	320	171	294	13.3
Midwest	18,738	46,939	1,531	4,027	13,359	34,059	1,174	3,138	Q	Q	1,562	3,309	13.3
South	26,650	52,353	8,673	18,891	12,327	24,647	1,457	2,681	634	701	2,205	3,065	11.8
West	14,412	28,988	2,996	5,979	9,561	19,707	Q	Q	Q	Q	409	599	12.8
Census Division													
New England	3,162	9,294	254	871	747	2,402	1,833	5,377	110	108	Q	Q	14.7
Middle Atlantic	10,741	31,051	1,025	2,604	5,534	15,739	3,481	11,071	Q	Q	136	251	14.7
East North Central	13,306	33,757	1,083	3,091	9,400	24,238	907	2,358	Q	Q	1,055	2,250	17.7
West North Central	5,433	13,181	448	936	3,959	9,821	267	781	*	*	507	1,059	16.8
South Atlantic	13,345	26,552	5,788	12,001	4,103	8,926	1,332	2,438	511	567	1,043	1,461	16.3
East South Central	5,408	10,745	1,487	3,137	2,405	5,389	Q	Q	Q	Q	616	790	22.4
West South Central	7,896	15,057	1,398	3,753	5,818	10,332	*	*	*	*	Q	Q	18.8
Mountain	4,167	7,818	704	1,339	3,082	5,721	Q	Q	*	*	Q	Q	20.7
Pacific	10,245	21,170	2,292	4,640	6,479	13,985	Q	Q	Q	Q	274	351	15.4
Type of Home													
Mobile Home	5,212	4,895	1,133	1,132	1,975	1,929	283	234	427	349	1,162	1,074	24.3
Single-Family Detached	57,942	130,384	9,758	21,174	33,957	76,533	6,732	18,115	525	593	3,161	6,048	7.9
Single-Family Attached	5,963	9,988	2,453	3,398	2,754	5,084	684	1,372	Q	Q	*	*	25.2
2 to 4 Units	3,595	11,711	725	1,905	2,345	7,674	456	1,758	Q	Q	Q	Q	18.8
5 or More Units	991	11,647	411	4,763	497	5,334	73	1,485	Q	Q	*	*	19.6
Building Floorspace (square feet)													
Fewer than 1,001	10,138	8,131	2,325	1,904	4,598	3,730	606	474	637	483	1,227	948	13.5
1,001 to 2,000	27,480	40,866	5,718	8,386	15,996	24,081	2,029	3,040	303	413	1,973	2,768	11.1
2,001 to 5,000	33,413	96,198	5,937	16,624	19,290	55,395	5,177	15,564	Q	Q	1,123	3,365	8.9
5,001 to 10,000	2,262	14,454	360	2,385	1,412	8,886	380	2,467	Q	Q	Q	Q	19.8
10,001 to 25,000	338	4,419	113	1,560	201	2,536	Q	Q	Q	Q	*	*	36.1
25,001 to 50,000	34	1,135	11	406	17	545	Q	Q	*	*	*	*	44.1
50,001 to 100,000	29	1,930	14	943	Q	643	Q	Q	*	*	*	*	57.4
100,001 to 200,000	7	820	1	123	3	402	Q	Q	*	*	*	*	66.0
Over 200,000	2	673	Q	Q	1	335	1	298	*	*	*	*	38.2
Year Constructed													
1939 or Before	16,632	40,641	814	1,665	10,588	25,551	2,946	8,818	284	311	818	1,497	12.6
1940 to 1949	6,038	11,552	536	889	4,099	8,064	663	1,509	Q	Q	300	395	18.3
1950 to 1959	11,822	24,601	1,128	1,951	7,628	16,306	1,898	4,545	79	115	515	685	15.4
1960 to 1969	11,320	26,134	1,675	4,148	7,226	16,722	1,281	3,355	90	Q	491	768	14.7
1970 to 1979	15,277	36,217	4,925	11,961	7,075	16,661	1,161	3,987	342	325	995	1,700	13.6
1980 to 1990	12,614	29,480	5,402	11,758	4,912	13,249	278	750	Q	136	1,227	2,221	17.4

\* = 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 1990 Residential Energy Consumption Survey.

**Table R4.90. Energy Sources Used for Air Conditioning and Appliances in Residential Buildings, Number of Buildings and Total Floorspace, 1990**

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	0.6	1.0	1.0	2.4	2.3	
RSE Column Factors:	0.8	0.8	0.5	0.6	1.0	1.0	2.4	2.3	
All Buildings	47,739	112,908	74,179	169,204	31,593	73,071	5,772	9,482	3.6
Census Region									
Northeast	7,402	22,045	13,903	40,345	6,208	18,523	1,015	2,085	7.1
Midwest	12,846	33,478	18,738	46,939	9,302	23,510	1,541	3,118	6.4
South	22,052	45,251	26,735	52,440	8,839	17,142	2,330	3,123	7.2
West	5,439	12,134	14,804	29,481	7,244	13,897	886	1,156	8.3
Census Division									
New England	1,368	4,333	3,162	9,294	820	2,489	475	999	13.2
Middle Atlantic	6,034	17,712	10,741	31,051	5,388	16,033	540	1,086	8.9
East North Central	8,393	22,365	13,306	33,757	6,789	17,515	1,023	1,974	9.0
West North Central	4,453	11,114	5,433	13,181	2,513	5,995	518	1,144	8.0
South Atlantic	10,978	22,538	13,403	26,612	3,046	6,631	1,374	1,962	10.6
East South Central	4,389	9,207	5,436	10,770	1,325	3,049	463	524	20.8
West South Central	6,685	13,506	7,896	15,057	4,467	7,462	494	Q	12.5
Mountain	1,523	3,082	4,167	7,818	1,727	2,581	Q	Q	15.6
Pacific	3,916	9,051	10,637	21,663	5,517	11,316	730	869	10.1
Type of Home									
Mobile Home	3,025	2,907	5,212	4,895	1,840	1,768	1,324	1,109	15.9
Single-Family									
Detached	37,893	88,276	58,330	130,833	25,102	55,817	4,296	7,938	4.7
Single-Family									
Attached	4,109	6,792	6,001	10,014	2,169	3,896	Q	Q	17.8
2 to 4 Units	2,083	6,858	3,644	11,784	2,097	7,128	80	256	13.6
5 or More Units	630	8,075	993	11,679	384	4,462	Q	Q	11.1
Building Floorspace (square feet)									
Fewer than 1,001	5,324	4,425	10,323	8,275	3,902	3,126	1,941	1,447	9.3
1,001 to 2,000	18,071	26,976	27,736	41,190	12,373	18,600	2,214	3,133	6.6
2,001 to 5,000	22,549	65,353	33,448	96,277	13,977	40,106	1,550	4,432	5.5
5,001 to 10,000	1,469	9,408	2,263	14,465	1,163	7,269	64	398	18.0
10,001 to 25,000	275	3,501	339	4,441	152	1,930	Q	Q	27.6
25,001 to 50,000	22	732	34	1,135	11	344	*	*	32.2
50,001 to 100,000	23	1,538	29	1,930	10	693	*	*	26.2
100,001 to 200,000	4	519	7	820	Q	Q	*	*	52.7
Over 200,000	2	456	2	673	2	559	Q	Q	36.1
Year Constructed									
1939 or Before	8,234	20,372	16,760	40,769	8,560	22,157	1,292	2,514	7.4
1940 to 1949	3,388	6,799	6,069	11,592	3,123	6,379	526	822	11.5
1950 to 1959	7,540	16,570	11,883	24,694	6,037	12,830	695	895	9.3
1960 to 1969	7,947	18,634	11,356	26,191	5,578	12,416	801	1,381	9.9
1970 to 1979	10,944	27,001	15,329	36,274	4,875	10,179	1,231	1,887	8.1
1980 to 1990	9,687	23,531	12,782	29,685	3,420	9,110	1,226	1,984	11.8

\* = 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 1990 Residential Energy Consumption Survey.

**Table R5.90. End Uses for All Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1990**

Building Characteristics	All Buildings		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.)	Build-ings (thou-sand)	Floor-space (million sq.ft.)	
	0.8	0.9	0.8	0.9	1.3	1.5	0.8	0.9	1.2	1.3	0.8	0.9	
RSE Column Factors:	0.8	0.9	0.8	0.9	1.3	1.5	0.8	0.9	1.2	1.3	0.8	0.9	
All Buildings	74,213	169,227	73,703	168,625	36,891	88,283	73,611	168,128	47,927	113,372	74,213	169,227	1.8
Census Region													
Northeast	13,903	40,345	13,903	40,345	6,464	19,430	13,661	39,731	7,402	22,045	13,903	40,345	3.6
Midwest	18,738	46,939	18,738	46,939	8,284	22,262	18,716	46,874	12,889	33,601	18,738	46,939	3.1
South	26,735	52,440	26,650	52,353	14,422	30,007	26,441	52,058	22,130	45,436	26,735	52,440	3.6
West	14,837	29,503	14,412	28,988	7,722	16,583	14,792	29,465	5,506	12,289	14,837	29,503	4.3
Census Division													
New England	3,162	9,294	3,162	9,294	1,615	4,734	3,152	9,260	1,368	4,333	3,162	9,294	6.6
Middle Atlantic	10,741	31,051	10,741	31,051	4,848	14,696	10,510	30,471	6,034	17,712	10,741	31,051	4.4
East North Central	13,306	33,757	13,306	33,757	5,996	16,217	13,292	33,705	8,411	22,411	13,306	33,757	4.5
West North Central	5,433	13,181	5,433	13,181	2,288	6,044	5,424	13,169	4,478	11,190	5,433	13,181	4.6
South Atlantic	13,403	26,612	13,345	26,552	6,899	14,314	13,193	26,298	11,001	22,622	13,403	26,612	5.3
East South Central	5,436	10,770	5,408	10,745	3,085	6,608	5,352	10,704	4,389	9,207	5,436	10,770	12.9
West South Central	7,896	15,057	7,896	15,057	4,438	9,085	7,896	15,057	6,740	13,608	7,896	15,057	7.1
Mountain	4,167	7,818	4,167	7,818	1,906	4,046	4,156	7,802	1,537	3,101	4,167	7,818	10.0
Pacific	10,670	21,685	10,245	21,170	5,815	12,538	10,637	21,663	3,969	9,188	10,670	21,685	5.8
Type of Home													
Mobile Home	5,212	4,895	5,212	4,895	1,979	1,846	5,197	4,886	3,025	2,907	5,212	4,895	13.1
Single-Family Detached	58,363	130,855	57,942	130,384	31,920	77,721	57,828	129,902	38,062	88,666	58,363	130,855	2.7
Single-Family Attached	6,001	10,014	5,963	9,988	2,047	3,907	6,001	10,014	4,109	6,792	6,001	10,014	12.4
2 to 4 Units	3,644	11,784	3,595	11,711	752	2,784	3,594	11,660	2,097	6,877	3,644	11,784	10.1
5 or More Units	993	11,679	991	11,647	193	2,024	992	11,667	633	8,129	993	11,679	9.3
Building Floorspace (square feet)													
Fewer than 1,001	10,356	8,297	10,138	8,131	3,607	2,836	10,187	8,183	5,324	4,425	10,356	8,297	6.7
1,001 to 2,000	27,736	41,190	27,480	40,866	12,359	18,855	27,510	40,886	18,120	27,049	27,736	41,190	3.9
2,001 to 5,000	33,448	96,277	33,413	96,198	19,655	57,278	33,246	95,623	22,684	65,689	33,448	96,277	3.5
5,001 to 10,000	2,263	14,465	2,262	14,454	1,163	7,473	2,258	14,438	1,473	9,427	2,263	14,465	11.4
10,001 to 25,000	339	4,441	338	4,419	94	1,164	339	4,441	275	3,501	339	4,441	20.4
25,001 to 50,000	34	1,135	34	1,135	9	279	34	1,135	22	740	34	1,135	21.7
50,001 to 100,000	29	1,930	29	1,930	Q	Q	29	1,930	23	1,544	29	1,930	25.5
100,001 to 200,000	7	820	7	820	Q	Q	7	820	4	540	7	820	37.0
Over 200,000	2	673	2	673	Q	Q	2	673	2	456	2	673	26.6
Year Constructed													
1939 or Before	16,760	40,769	16,632	40,641	7,397	18,574	16,551	40,335	8,250	20,418	16,760	40,769	5.5
1940 to 1949	6,069	11,592	6,038	11,552	2,569	4,974	5,993	11,512	3,388	6,799	6,069	11,592	7.3
1950 to 1959	11,883	24,694	11,822	24,601	5,760	12,802	11,730	24,350	7,559	16,593	11,883	24,694	5.7
1960 to 1969	11,356	26,191	11,320	26,134	5,757	14,027	11,327	26,125	8,006	18,777	11,356	26,191	6.7
1970 to 1979	15,329	36,274	15,277	36,217	9,118	22,030	15,267	36,154	10,984	27,117	15,329	36,274	5.5
1980 to 1990	12,815	29,708	12,614	29,480	6,290	15,876	12,744	29,652	9,740	23,667	12,815	29,708	8.0

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 1990 Residential Energy Consumption Survey.



**Table R6.90. End Uses for Electricity Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1990**

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:	1.7	1.6	1.1	1.3	1.2	1.2	0.8	0.8	0.5	0.6	
All Buildings . . . . .	14,480	32,372	14,648	32,847	28,023	57,797	47,739	112,908	74,179	169,204	3.5
Census Region											
Northeast . . . . .	1,280	3,474	2,393	7,644	3,553	8,887	7,402	22,045	13,903	40,345	8.1
Midwest . . . . .	1,531	4,027	2,943	7,162	5,760	13,363	12,846	33,478	18,738	46,939	7.5
South . . . . .	8,673	18,891	6,117	11,582	14,395	27,417	22,052	45,251	26,735	52,440	5.6
West . . . . .	2,996	5,979	3,194	6,459	4,315	8,131	5,439	12,134	14,804	29,481	8.9
Census Division											
New England . . . . .	254	871	651	2,075	1,049	2,877	1,368	4,333	3,162	9,294	9.7
Middle Atlantic . . . . .	1,025	2,604	1,742	5,569	2,504	6,010	6,034	17,712	10,741	31,051	9.9
East North Central . . . . .	1,083	3,091	2,060	4,925	4,392	10,211	8,393	22,365	13,306	33,757	10.1
West North Central . . . . .	448	936	883	2,237	1,367	3,152	4,453	11,114	5,433	13,181	9.7
South Atlantic . . . . .	5,788	12,001	2,703	5,382	9,207	17,067	10,978	22,538	13,403	26,612	7.6
East South Central . . . . .	1,487	3,137	1,386	2,460	3,334	6,080	4,389	9,207	5,436	10,770	12.3
West South Central . . . . .	1,398	3,753	2,028	3,740	1,854	4,270	6,685	13,506	7,896	15,057	13.6
Mountain . . . . .	704	1,339	756	1,395	1,044	2,041	1,523	3,082	4,167	7,818	16.2
Pacific . . . . .	2,292	4,640	2,437	5,064	3,271	6,090	3,916	9,051	10,637	21,663	10.9
Type of Home											
Mobile Home . . . . .	1,133	1,132	909	855	3,367	3,127	3,025	2,907	5,212	4,895	16.7
Single-Family											
Detached . . . . .	9,758	21,174	12,673	28,262	20,531	43,472	37,893	88,276	58,330	130,833	4.5
Single-Family											
Attached . . . . .	2,453	3,398	536	991	2,744	3,948	4,109	6,792	6,001	10,014	17.0
2 to 4 Units . . . . .	725	1,905	411	1,562	982	2,877	2,083	6,858	3,644	11,784	15.4
5 or More Units . . . . .	411	4,763	118	1,177	399	4,373	630	8,075	993	11,679	12.9
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	2,325	1,904	1,924	1,511	5,579	4,515	5,324	4,425	10,323	8,275	9.3
1,001 to 2,000 . . . . .	5,718	8,386	5,735	8,732	10,606	15,292	18,071	26,976	27,736	41,190	6.4
2,001 to 5,000 . . . . .	5,937	16,624	6,454	18,310	11,132	31,472	22,549	65,353	33,448	96,277	5.5
5,001 to 10,000 . . . . .	360	2,385	467	3,124	577	3,837	1,469	9,408	2,263	14,465	14.8
10,001 to 25,000 . . . . .	113	1,560	Q	Q	110	1,470	275	3,501	339	4,441	22.8
25,001 to 50,000 . . . . .	11	406	7	202	8	272	22	732	34	1,135	30.9
50,001 to 100,000 . . . . .	14	943	Q	Q	Q	Q	23	1,538	29	1,930	33.5
100,001 to 200,000 . . . . .	1	123	Q	Q	1	123	4	519	7	820	39.3
Over 200,000 . . . . .	Q	Q	Q	Q	Q	Q	2	456	2	673	42.5
Year Constructed											
1939 or Before . . . . .	814	1,665	4,010	9,870	4,611	10,212	8,234	20,372	16,760	40,769	8.6
1940 to 1949 . . . . .	536	889	1,363	2,741	2,014	3,436	3,388	6,799	6,069	11,592	11.5
1950 to 1959 . . . . .	1,128	1,951	2,873	5,936	3,131	5,722	7,540	16,570	11,883	24,694	8.7
1960 to 1969 . . . . .	1,675	4,148	1,935	4,379	3,700	7,816	7,947	18,634	11,356	26,191	9.0
1970 to 1979 . . . . .	4,925	11,961	3,194	7,193	7,341	15,971	10,944	27,001	15,329	36,274	8.0
1980 to 1990 . . . . .	5,402	11,758	1,272	2,727	7,225	14,641	9,687	23,531	12,782	29,685	10.4

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 1990 Residential Energy Consumption Survey.

**Table R7.90. End Uses for Natural Gas and Fuel Oil Energy Sources in Residential Buildings, Number of Buildings and Total Floorspace, 1990**

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	2.0	2.1	0.7	0.7	0.7	0.7	1.1	1.2	1.3	1.1	
All Buildings	41,528	96,553	2,154	4,673	38,924	92,590	31,593	73,071	8,228	22,965	3,225	11,034	6.1
Census Region													
Northeast	6,282	18,142	357	1,015	6,630	19,240	6,208	18,523	5,313	16,448	3,117	10,735	11.0
Midwest	13,359	34,059	322	970	11,686	30,543	9,302	23,510	1,174	3,138	36	Q	12.3
South	12,327	24,647	897	1,633	10,903	22,624	8,839	17,142	1,457	2,681	Q	Q	13.7
West	9,561	19,707	578	1,054	9,705	20,182	7,244	13,897	Q	Q	Q	Q	9.0
Census Division													
New England	747	2,402	33	91	913	2,945	820	2,489	1,833	5,377	978	2,951	15.5
Middle Atlantic	5,534	15,739	324	924	5,717	16,295	5,388	16,033	3,481	11,071	2,139	7,785	13.4
East North Central	9,400	24,238	204	666	8,137	21,726	6,789	17,515	907	2,358	Q	Q	14.8
West North Central	3,959	9,821	118	304	3,549	8,818	2,513	5,995	267	781	10	Q	13.9
South Atlantic	4,103	8,926	Q	215	3,524	8,274	3,046	6,631	1,332	2,438	Q	Q	24.9
East South Central	2,405	5,389	130	300	1,828	4,327	1,325	3,049	Q	Q	*	*	34.1
West South Central	5,818	10,332	664	1,119	5,550	10,024	4,467	7,462	*	*	*	*	13.5
Mountain	3,082	5,721	229	398	2,955	5,430	1,727	2,581	Q	Q	*	*	17.4
Pacific	6,479	13,985	349	656	6,750	14,752	5,517	11,316	Q	Q	Q	Q	10.9
Type of Home													
Mobile Home	1,975	1,929	Q	Q	1,445	1,437	1,840	1,768	283	234	*	*	30.0
Single-Family													
Detached	33,957	76,533	1,821	3,895	31,702	72,460	25,102	55,817	6,732	18,115	2,599	7,896	7.1
Single-Family													
Attached	2,754	5,084	Q	Q	2,913	5,234	2,169	3,896	684	1,372	344	831	21.7
2 to 4 Units	2,345	7,674	77	224	2,348	7,775	2,097	7,128	456	1,758	214	762	13.1
5 or More Units	497	5,334	20	204	517	5,684	384	4,462	73	1,485	68	1,544	14.5
Building Floorspace (square feet)													
Fewer than 1,001	4,598	3,730	179	135	3,834	3,115	3,902	3,126	606	474	Q	Q	14.6
1,001 to 2,000	15,996	24,081	970	1,394	14,979	22,704	12,373	18,600	2,029	3,040	582	911	9.9
2,001 to 5,000	19,290	55,395	965	2,809	18,441	52,976	13,977	40,106	5,177	15,564	2,302	7,311	8.6
5,001 to 10,000	1,412	8,886	36	241	1,424	8,949	1,163	7,269	380	2,467	210	1,328	18.2
10,001 to 25,000	201	2,536	Q	Q	213	2,765	152	1,930	Q	Q	Q	Q	34.3
25,001 to 50,000	17	545	*	*	19	641	11	344	Q	Q	Q	223	41.2
50,001 to 100,000	Q	643	Q	Q	10	670	10	693	Q	Q	7	467	28.6
100,001 to 200,000	3	402	*	*	3	381	Q	Q	Q	Q	Q	Q	65.9
Over 200,000	1	335	Q	Q	1	389	2	559	1	298	1	243	26.4
Year Constructed													
1939 or Before	10,588	25,551	496	1,219	10,173	24,983	8,560	22,157	2,946	8,818	983	3,502	10.8
1940 to 1949	4,099	8,064	286	525	3,563	7,090	3,123	6,379	663	1,509	177	574	13.9
1950 to 1959	7,628	16,306	339	672	7,132	15,070	6,037	12,830	1,898	4,545	917	2,711	11.9
1960 to 1969	7,226	16,722	406	868	6,852	16,311	5,578	12,416	1,281	3,355	483	1,515	12.0
1970 to 1979	7,075	16,661	397	745	6,767	16,541	4,875	10,179	1,161	3,987	503	2,258	14.0
1980 to 1990	4,912	13,249	228	645	4,437	12,595	3,420	9,110	278	750	162	475	19.8

\* = 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 1990 Residential Energy Consumption Survey.

**Table R8.90p. Total and Average Primary Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1990**

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	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.7	1.4	1.5	1.5	0.9	0.9	0.9	0.5	0.5	
All Buildings . . . . .	169,227	15,368	96,994	110,185	90.81	0.57	0.65	6.31	7.17	1.2
Census Region										
Northeast . . . . .	40,345	3,246	24,891	28,276	80.45	0.62	0.70	7.67	8.71	2.1
Midwest . . . . .	46,939	4,153	23,670	26,889	88.48	0.50	0.57	5.70	6.47	2.2
South . . . . .	52,440	5,364	32,724	37,174	102.30	0.62	0.71	6.10	6.93	2.5
West . . . . .	29,503	2,605	15,709	17,845	88.28	0.53	0.60	6.03	6.85	3.1
Census Division										
New England . . . . .	9,294	728	5,630	6,396	78.38	0.61	0.69	7.73	8.78	3.2
Middle Atlantic . . . . .	31,051	2,517	19,261	21,881	81.07	0.62	0.70	7.65	8.69	2.6
East North Central . . . . .	33,757	2,997	17,233	19,577	88.77	0.51	0.58	5.75	6.53	2.9
West North Central . . . . .	13,181	1,157	6,437	7,312	87.75	0.49	0.55	5.56	6.32	3.2
South Atlantic . . . . .	26,612	2,560	16,960	19,267	96.20	0.64	0.72	6.62	7.53	3.5
East South Central . . . . .	10,770	1,090	5,516	6,266	101.19	0.51	0.58	5.06	5.75	6.9
West South Central . . . . .	15,057	1,714	10,248	11,641	113.85	0.68	0.77	5.98	6.79	3.7
Mountain . . . . .	7,818	781	4,274	4,855	99.88	0.55	0.62	5.47	6.22	5.7
Pacific . . . . .	21,685	1,824	11,435	12,990	84.10	0.53	0.60	6.27	7.12	4.3
Type of Home										
Mobile Home . . . . .	4,895	735	4,640	5,271	150.07	0.95	1.08	6.32	7.18	6.2
Single-Family										
Detached . . . . .	30,855	11,071	68,863	78,228	84.60	0.53	0.60	6.22	7.07	1.7
Single-Family										
Attached . . . . .	10,014	906	5,966	6,778	90.52	0.60	0.68	6.58	7.48	5.9
2 to 4 Units . . . . .	11,784	1,352	8,933	10,148	114.77	0.76	0.86	6.61	7.50	4.3
5 or More Units . . . . .	11,679	1,304	8,591	9,760	111.63	0.74	0.84	6.59	7.49	3.8
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	8,297	1,331	8,406	9,550	160.36	1.01	1.15	6.32	7.18	3.7
1,001 to 2,000 . . . . .	41,190	4,636	28,950	32,887	112.55	0.70	0.80	6.24	7.09	2.2
2,001 to 5,000 . . . . .	96,277	7,508	47,297	53,729	77.98	0.49	0.56	6.30	7.16	1.9
5,001 to 10,000 . . . . .	14,465	1,065	6,793	7,717	73.60	0.47	0.53	6.38	7.25	4.8
10,001 to 25,000 . . . . .	4,441	385	2,507	2,848	86.66	0.56	0.64	6.51	7.40	8.8
25,001 to 50,000 . . . . .	1,135	126	877	996	110.87	0.77	0.88	6.97	7.91	9.2
50,001 to 100,000 . . . . .	1,930	188	1,270	1,443	97.61	0.66	0.75	6.74	7.66	9.8
100,001 to 200,000 . . . . .	820	77	501	569	94.38	0.61	0.69	6.48	7.36	17.7
Over 200,000 . . . . .	673	53	392	446	78.22	0.58	0.66	7.45	8.47	20.7
Year Constructed										
1939 or Before . . . . .	40,769	3,607	22,970	26,094	88.49	0.56	0.64	6.37	7.23	2.5
1940 to 1949 . . . . .	11,592	1,129	6,988	7,939	97.36	0.60	0.68	6.19	7.03	3.6
1950 to 1959 . . . . .	24,694	2,297	14,771	16,780	93.03	0.60	0.68	6.43	7.30	3.0
1960 to 1969 . . . . .	26,191	2,386	15,056	17,104	91.12	0.57	0.65	6.31	7.17	3.4
1970 to 1979 . . . . .	36,274	3,495	21,577	24,511	96.34	0.59	0.68	6.17	7.01	2.9
1980 to 1990 . . . . .	29,708	2,454	15,631	17,757	82.60	0.53	0.60	6.37	7.24	3.8

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 1990 Residential Energy Consumption Survey.

**Table R8.90s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1990**

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	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.5	1.4	1.3	1.3	0.8	0.8	0.8	0.7	0.7	
All Buildings . . . . .	169,227	9,218	96,994	110,185	54.47	0.57	0.65	10.52	11.95	1.4
Census Region										
Northeast . . . . .	40,345	2,298	28,276	28,276	56.96	0.62	0.70	10.83	12.30	2.2
Midwest . . . . .	46,939	2,807	26,889	26,889	59.80	0.50	0.57	8.43	9.58	2.4
South . . . . .	52,440	2,602	37,174	37,174	49.62	0.62	0.71	12.57	14.29	3.0
West . . . . .	29,503	1,510	17,845	17,845	51.19	0.53	0.60	10.40	11.82	3.4
Census Division										
New England . . . . .	9,294	518	5,630	6,396	55.69	0.61	0.69	10.88	12.36	3.7
Middle Atlantic . . . . .	31,051	1,781	19,261	21,881	57.34	0.62	0.70	10.82	12.29	2.8
East North Central . . . . .	33,757	2,045	17,233	19,577	60.58	0.51	0.58	8.43	9.57	3.2
West North Central . . . . .	13,181	762	6,437	7,312	57.80	0.49	0.55	8.45	9.60	3.4
South Atlantic . . . . .	26,612	1,195	16,960	19,267	44.89	0.64	0.72	14.20	16.13	4.3
East South Central . . . . .	10,770	528	5,516	6,266	49.00	0.51	0.58	10.45	11.87	8.7
West South Central . . . . .	15,057	880	10,248	11,641	58.44	0.68	0.77	11.65	13.23	4.5
Mountain . . . . .	7,818	493	4,274	4,855	63.09	0.55	0.62	8.67	9.84	6.9
Pacific . . . . .	21,685	1,017	11,435	12,990	46.90	0.53	0.60	11.79	12.77	4.3
Type of Home										
Mobile Home . . . . .	4,895	407	4,640	5,271	83.10	0.95	1.08	11.41	12.96	7.1
Single-Family										
Detached . . . . .	130,855	6,613	68,863	78,228	50.54	0.53	0.60	10.41	11.83	1.9
Single-Family										
Attached . . . . .	10,014	524	5,966	6,778	52.30	0.60	0.68	11.39	12.94	6.5
2 to 4 Units . . . . .	11,784	945	8,933	10,148	80.18	0.76	0.86	9.46	10.74	4.8
5 or More Units . . . . .	11,679	729	8,591	9,760	62.40	0.74	0.84	11.79	13.39	4.4
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	8,297	741	8,406	9,550	89.27	1.01	1.15	11.35	12.89	4.1
1,001 to 2,000 . . . . .	41,190	2,679	28,950	32,887	65.04	0.70	0.80	10.81	12.28	2.4
2,001 to 5,000 . . . . .	96,277	4,644	47,297	53,729	48.24	0.49	0.56	10.18	11.57	2.1
5,001 to 10,000 . . . . .	14,465	677	6,793	7,717	46.79	0.47	0.53	10.04	11.40	5.7
10,001 to 25,000 . . . . .	4,441	213	2,507	2,848	47.91	0.56	0.64	11.78	13.38	10.8
25,001 to 50,000 . . . . .	1,135	76	877	996	67.11	0.77	0.88	11.51	13.07	11.0
50,001 to 100,000 . . . . .	1,930	100	1,270	1,443	51.77	0.66	0.75	12.71	14.44	12.2
100,001 to 200,000 . . . . .	820	51	501	569	62.82	0.61	0.69	9.73	11.05	18.2
Over 200,000 . . . . .	673	36	392	446	54.05	0.58	0.66	10.79	12.25	22.1
Year Constructed										
1939 or Before . . . . .	40,769	2,569	22,970	26,094	63.02	0.56	0.64	8.94	10.16	2.8
1940 to 1949 . . . . .	11,592	740	6,988	7,939	63.81	0.60	0.68	9.45	10.73	3.8
1950 to 1959 . . . . .	24,694	1,465	14,771	16,780	59.33	0.60	0.68	10.08	11.45	3.2
1960 to 1969 . . . . .	26,191	1,412	15,056	17,104	53.93	0.57	0.65	10.66	12.11	3.9
1970 to 1979 . . . . .	36,274	1,825	21,577	24,511	50.31	0.59	0.68	11.82	13.43	3.2
1980 to 1990 . . . . .	29,708	1,206	15,631	17,757	40.60	0.53	0.60	12.96	14.72	4.5

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 1990 Residential Energy Consumption Survey.

**Table R9.90p. Total and Average Primary Consumption and Expenditures for Electricity in Residential Buildings, 1990**

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	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.3	1.4	1.3	1.3	1.1	1.0	1.0	0.5	0.5	
All Buildings . . . . .	169,204	9,182	62,972	71,537	54.27	0.37	0.42	6.86	7.79	1.7
Census Region										
Northeast . . . . .	40,345	1,415	12,807	14,549	35.07	0.32	0.36	9.05	10.28	2.6
Midwest . . . . .	46,939	2,010	13,526	15,366	42.82	0.29	0.33	6.73	7.64	3.8
South . . . . .	52,440	4,123	25,636	29,123	78.63	0.49	0.56	6.22	7.06	2.8
West . . . . .	29,481	1,634	11,003	12,499	55.42	0.37	0.42	6.73	7.65	4.2
Census Division										
New England . . . . .	9,294	315	2,708	3,077	33.87	0.29	0.33	8.60	9.77	3.6
Middle Atlantic . . . . .	31,051	1,100	10,099	11,472	35.43	0.33	0.37	9.18	10.43	3.1
East North Central . . . . .	33,757	1,420	9,679	10,995	42.08	0.29	0.33	6.81	7.74	5.3
West North Central . . . . .	13,181	589	3,847	4,371	44.72	0.29	0.33	6.53	7.41	3.8
South Atlantic . . . . .	26,612	2,039	13,420	15,245	76.61	0.50	0.57	6.58	7.48	4.4
East South Central . . . . .	10,770	839	4,238	4,814	77.90	0.39	0.45	5.05	5.74	6.5
West South Central . . . . .	15,057	1,246	7,978	9,063	82.72	0.53	0.60	6.41	7.28	4.0
Mountain . . . . .	7,818	429	2,748	3,121	54.93	0.35	0.40	6.40	7.27	7.3
Pacific . . . . .	21,663	1,204	8,255	9,377	55.60	0.38	0.43	6.85	7.79	5.4
Type of Home										
Mobile Home . . . . .	4,895	489	3,079	3,497	99.98	0.63	0.71	6.29	7.15	7.4
Single-Family										
Detached . . . . .	30,833	6,654	44,924	51,033	50.86	0.34	0.39	6.75	7.67	2.2
Single-Family										
Attached . . . . .	10,014	571	4,061	4,613	57.04	0.41	0.46	7.11	8.08	7.8
2 to 4 Units . . . . .	11,784	609	4,686	5,323	51.65	0.40	0.45	7.70	8.75	6.6
5 or More Units . . . . .	11,679	858	6,223	7,069	73.50	0.53	0.61	7.25	8.24	5.0
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	8,275	881	5,716	6,493	106.42	0.69	0.78	6.49	7.37	4.2
1,001 to 2,000 . . . . .	41,190	2,921	19,487	22,137	70.93	0.47	0.54	6.67	7.58	2.8
2,001 to 5,000 . . . . .	96,277	4,275	29,686	33,723	44.40	0.31	0.35	6.94	7.89	2.4
5,001 to 10,000 . . . . .	14,465	579	4,127	4,688	40.03	0.29	0.32	7.13	8.10	6.5
10,001 to 25,000 . . . . .	4,441	257	1,825	2,073	57.84	0.41	0.47	7.10	8.07	11.6
25,001 to 50,000 . . . . .	1,135	74	606	688	65.32	0.53	0.61	8.17	9.28	11.8
50,001 to 100,000 . . . . .	1,930	132	972	1,104	68.44	0.50	0.57	7.36	8.36	11.9
100,001 to 200,000 . . . . .	820	39	308	349	47.11	0.38	0.43	7.96	9.05	22.6
Over 200,000 . . . . .	673	24	246	280	36.09	0.37	0.42	10.14	11.52	24.6
Year Constructed										
1939 or Before . . . . .	40,769	1,550	11,466	13,025	38.01	0.28	0.32	7.40	8.40	3.2
1940 to 1949 . . . . .	11,592	581	3,931	4,465	50.09	0.34	0.39	6.77	7.69	4.9
1950 to 1959 . . . . .	24,694	1,242	8,932	10,147	50.32	0.36	0.41	7.19	8.17	3.6
1960 to 1969 . . . . .	26,191	1,454	10,010	11,371	55.51	0.38	0.43	6.88	7.82	4.1
1970 to 1979 . . . . .	36,274	2,492	16,148	18,344	68.71	0.45	0.51	6.48	7.36	3.6
1980 to 1990 . . . . .	29,685	1,863	12,485	14,183	62.75	0.42	0.48	6.70	7.61	4.2

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 1990 Residential Energy Consumption Survey.

**Table R9.90s. Total and Average Site Consumption and Expenditures for Electricity in Residential Buildings, 1990**

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	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.3	1.4	1.3	1.3	1.1	1.0	1.0	0.5	0.5	
All Buildings . . . . .	169,204	3,031	62,972	71,537	17.92	0.37	0.42	20.77	23.60	1.7
Census Region										
Northeast . . . . .	40,345	467	12,807	14,549	11.58	0.32	0.36	27.42	31.15	2.6
Midwest . . . . .	46,939	664	13,526	15,366	14.14	0.29	0.33	20.38	23.16	3.8
South . . . . .	52,440	1,361	25,636	29,123	25.96	0.49	0.56	18.83	21.39	2.8
West . . . . .	29,481	539	11,003	12,499	18.30	0.37	0.42	20.40	23.17	4.2
Census Division										
New England . . . . .	9,294	104	2,708	3,077	11.18	0.29	0.33	26.06	29.60	3.6
Middle Atlantic . . . . .	31,051	363	10,099	11,472	11.70	0.33	0.37	27.81	31.59	3.1
East North Central . . . . .	33,757	469	9,679	10,995	13.89	0.29	0.33	20.64	23.45	5.3
West North Central . . . . .	13,181	195	3,847	4,371	14.76	0.29	0.33	19.77	22.46	3.8
South Atlantic . . . . .	26,612	673	13,420	15,245	25.29	0.50	0.57	19.94	22.65	4.4
East South Central . . . . .	10,770	277	4,238	4,814	25.72	0.39	0.45	15.30	17.38	6.5
West South Central . . . . .	15,057	411	7,978	9,063	27.31	0.53	0.60	19.40	22.04	4.0
Mountain . . . . .	7,818	142	2,748	3,121	18.13	0.35	0.40	19.38	22.02	7.3
Pacific . . . . .	21,663	398	8,255	9,377	18.36	0.38	0.43	20.76	23.58	5.4
Type of Home										
Mobile Home . . . . .	4,895	162	3,079	3,497	33.01	0.63	0.71	19.05	21.65	7.4
Single-Family										
Detached . . . . .	130,833	2,197	44,924	51,033	16.79	0.34	0.39	20.20	23.23	2.2
Single-Family										
Attached . . . . .	10,014	189	4,061	4,613	18.83	0.41	0.46	21.53	24.46	7.8
2 to 4 Units . . . . .	11,784	201	4,686	5,323	17.05	0.40	0.45	23.32	26.49	6.6
5 or More Units . . . . .	11,679	283	6,223	7,069	24.27	0.53	0.61	21.96	24.95	5.0
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	8,275	291	5,716	6,493	35.13	0.69	0.78	19.66	22.34	4.2
1,001 to 2,000 . . . . .	41,190	964	19,487	22,137	23.42	0.47	0.54	20.20	22.95	2.8
2,001 to 5,000 . . . . .	96,277	1,411	29,686	33,723	14.66	0.31	0.35	21.03	23.89	2.4
5,001 to 10,000 . . . . .	14,465	191	4,127	4,688	13.21	0.29	0.32	21.59	24.53	6.5
10,001 to 25,000 . . . . .	4,441	85	1,825	2,073	19.10	0.41	0.47	21.52	24.44	11.6
25,001 to 50,000 . . . . .	1,135	24	606	688	21.56	0.53	0.61	24.75	28.11	11.8
50,001 to 100,000 . . . . .	1,930	44	972	1,104	22.60	0.50	0.57	22.29	25.33	11.9
100,001 to 200,000 . . . . .	820	13	308	349	15.55	0.38	0.43	24.12	27.41	22.6
Over 200,000 . . . . .	673	8	246	280	11.91	0.37	0.42	30.73	34.91	24.6
Year Constructed										
1939 or Before . . . . .	40,769	512	11,466	13,025	12.55	0.28	0.32	22.41	25.46	3.2
1940 to 1949 . . . . .	11,592	192	3,931	4,465	16.54	0.34	0.39	20.51	23.29	4.9
1950 to 1959 . . . . .	24,694	410	8,932	10,147	16.61	0.36	0.41	21.78	24.74	3.6
1960 to 1969 . . . . .	26,191	480	10,010	11,371	18.33	0.38	0.43	20.85	23.69	4.1
1970 to 1979 . . . . .	36,274	823	16,148	18,344	22.68	0.45	0.51	19.62	22.29	3.6
1980 to 1990 . . . . .	29,685	615	12,485	14,183	20.72	0.42	0.48	20.30	23.06	4.2

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 1990 Residential Energy Consumption Survey.

**Table R10.90. Total and Average Consumption and Expenditures for Natural Gas in Residential Buildings, 1990**

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	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.7	1.8	1.6	1.6	0.9	0.9	0.9	0.4	0.4	
All Buildings . . . . .	106,320	4,863	23,998	27,261	45.74	0.23	0.26	4.93	5.61	2.2
Census Region										
Northeast . . . . .	23,591	1,033	6,447	7,324	43.81	0.27	0.31	6.24	7.09	5.1
Midwest . . . . .	34,701	1,881	8,125	9,230	54.22	0.23	0.27	4.32	4.91	2.8
South . . . . .	26,626	1,030	5,201	5,909	38.70	0.20	0.22	5.05	5.73	5.4
West . . . . .	21,402	918	4,224	4,798	42.91	0.20	0.22	4.60	5.22	4.3
Census Division										
New England . . . . .	3,460	156	1,066	1,211	44.95	0.31	0.35	6.85	7.79	7.2
Middle Atlantic . . . . .	20,131	878	5,382	6,113	43.61	0.27	0.30	6.13	6.96	5.7
East North Central . . . . .	24,720	1,388	6,075	6,901	56.13	0.25	0.28	4.38	4.97	3.5
West North Central . . . . .	9,981	494	2,050	2,329	49.48	0.21	0.23	4.15	4.72	3.7
South Atlantic . . . . .	9,917	373	2,234	2,538	37.65	0.23	0.26	5.98	6.80	6.7
East South Central . . . . .	5,547	209	879	998	37.64	0.16	0.18	4.21	4.78	11.9
West South Central . . . . .	11,162	448	2,089	2,373	40.15	0.19	0.21	4.66	5.30	7.0
Mountain . . . . .	6,000	334	1,382	1,570	55.62	0.23	0.26	4.14	4.70	7.5
Pacific . . . . .	15,401	585	2,842	3,228	37.96	0.18	0.21	4.86	5.52	3.7
Type of Home										
Mobile Home . . . . .	1,954	153	718	815	78.33	0.37	0.42	4.69	5.32	8.4
Single-Family										
Detached . . . . .	81,943	3,453	16,545	18,795	42.14	0.20	0.23	4.79	5.44	2.7
Single-Family										
Attached . . . . .	6,014	276	1,479	1,680	45.88	0.25	0.28	5.36	6.09	7.1
2 to 4 Units . . . . .	9,034	621	3,342	3,797	68.75	0.37	0.42	5.38	6.11	6.4
5 or More Units . . . . .	7,375	360	1,914	2,175	48.83	0.26	0.29	5.32	6.04	6.5
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	4,016	323	1,564	1,777	80.56	0.39	0.44	4.84	5.49	4.8
1,001 to 2,000 . . . . .	25,748	1,418	6,954	7,900	55.07	0.27	0.31	4.90	5.57	3.1
2,001 to 5,000 . . . . .	60,127	2,501	12,284	13,955	41.59	0.20	0.23	4.91	5.58	2.6
5,001 to 10,000 . . . . .	10,140	388	1,950	2,216	38.22	0.19	0.22	5.03	5.72	7.6
10,001 to 25,000 . . . . .	3,080	118	619	703	38.37	0.20	0.23	5.24	5.95	11.8
25,001 to 50,000 . . . . .	825	38	207	235	46.24	0.25	0.28	5.41	6.15	14.4
50,001 to 100,000 . . . . .	1,075	36	202	230	33.59	0.19	0.21	5.60	6.37	19.4
100,001 to 200,000 . . . . .	697	25	126	144	35.29	0.18	0.21	5.14	5.84	27.3
Over 200,000 . . . . .	613	17	90	102	27.34	0.15	0.17	5.38	6.11	32.0
Year Constructed										
1939 or Before . . . . .	29,493	1,565	7,920	8,998	53.07	0.27	0.31	5.06	5.75	3.2
1940 to 1949 . . . . .	8,734	445	2,236	2,540	50.95	0.26	0.29	5.02	5.71	4.2
1950 to 1959 . . . . .	17,596	810	4,010	4,555	46.05	0.23	0.26	4.95	5.62	3.5
1960 to 1969 . . . . .	17,918	774	3,869	4,395	43.19	0.22	0.25	5.00	5.68	4.5
1970 to 1979 . . . . .	18,351	781	3,702	4,205	42.55	0.20	0.23	4.74	5.39	4.1
1980 to 1990 . . . . .	14,227	488	2,261	2,569	34.30	0.16	0.18	4.63	5.26	6.4

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 1990 Residential Energy Consumption Survey.

**Table R11.90. Total and Average Consumption and Expenditures for Fuel Oil in Residential Buildings, 1990**

Building Characteristics	Total				Average					RSE Row Factors
	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	1990 Dollars		1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	2.3	2.2	2.2	2.2	1.0	1.1	1.1	0.2	0.2	
All Buildings . . . . .	25,386	976	6,713	7,631	38.46	0.26	0.30	6.88	7.82	3.2
Census Region										
Northeast . . . . .	17,581	757	5,212	5,921	43.04	0.30	0.34	6.89	7.83	2.8
Midwest . . . . .	3,842	121	819	931	31.62	0.21	0.24	6.75	7.66	9.4
South . . . . .	2,978	79	557	633	26.42	0.19	0.21	7.08	8.04	10.4
West . . . . .	Q	Q	Q	Q	19.84	0.13	0.15	6.60	7.49	39.6
Census Division										
New England . . . . .	5,604	244	1,688	1,917	43.47	0.30	0.34	6.93	7.87	3.4
Middle Atlantic . . . . .	11,977	513	3,525	4,004	42.84	0.29	0.33	6.87	7.80	3.6
East North Central . . . . .	3,024	93	635	721	30.85	0.21	0.24	6.81	7.73	11.7
West North Central . . . . .	818	28	184	209	34.44	0.23	0.26	6.54	7.43	10.0
South Atlantic . . . . .	2,670	73	519	589	27.36	0.19	0.22	7.10	8.06	11.2
East South Central . . . . .	Q	Q	Q	Q	18.26	0.12	0.14	6.83	7.75	17.1
West South Central . . . . .	*	*	*	*	NC	NC	NC	NC	NC	0.0
Mountain . . . . .	Q	Q	Q	Q	24.73	0.17	0.19	6.75	7.67	0.5
Pacific . . . . .	Q	Q	Q	Q	18.87	0.12	0.14	6.55	7.45	50.9
Type of Home										
Mobile Home . . . . .	286	18	129	147	62.10	0.45	0.51	7.26	8.25	13.2
Single-Family										
Detached . . . . .	20,069	703	4,929	5,599	35.05	0.25	0.28	7.01	7.96	3.5
Single-Family										
Attached . . . . .	1,448	57	407	462	39.42	0.28	0.32	7.13	8.10	11.0
2 to 4 Units . . . . .	1,809	114	815	926	63.17	0.45	0.51	7.13	8.10	6.7
5 or More Units . . . . .	1,774	84	438	498	47.21	0.25	0.28	5.23	5.94	8.4
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	578	38	278	316	66.16	0.48	0.55	7.28	8.27	10.3
1,001 to 2,000 . . . . .	3,301	159	1,127	1,280	48.11	0.34	0.39	7.10	8.06	5.3
2,001 to 5,000 . . . . .	17,123	621	4,336	4,926	36.26	0.25	0.29	6.98	7.93	4.4
5,001 to 10,000 . . . . .	2,676	90	638	725	33.67	0.24	0.27	7.08	8.05	5.7
10,001 to 25,000 . . . . .	Q	Q	Q	Q	29.86	0.19	0.22	6.35	7.21	43.2
25,001 to 50,000 . . . . .	245	Q	Q	Q	55.43	0.26	0.30	4.74	5.39	21.1
50,001 to 100,000 . . . . .	490	20	96	109	41.17	0.20	0.22	4.74	5.38	8.1
100,001 to 200,000 . . . . .	Q	14	67	76	40.29	0.19	0.22	4.74	5.39	20.5
Over 200,000 . . . . .	325	12	55	62	35.41	0.17	0.19	4.74	5.39	4.4
Year Constructed										
1939 or Before . . . . .	9,777	399	2,723	3,094	40.82	0.28	0.32	6.82	7.75	5.5
1940 to 1949 . . . . .	1,802	73	512	582	40.67	0.28	0.32	6.98	7.93	8.5
1950 to 1959 . . . . .	4,974	208	1,462	1,661	41.86	0.29	0.33	7.02	7.98	6.7
1960 to 1969 . . . . .	3,716	132	900	1,022	35.59	0.24	0.28	6.80	7.73	7.1
1970 to 1979 . . . . .	4,187	137	940	1,067	32.82	0.22	0.25	6.84	7.77	8.5
1980 to 1990 . . . . .	931	26	181	206	28.09	0.19	0.22	6.93	7.87	11.6

\* = Value rounds to zero in the units displayed.  
 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 1990 Residential Energy Consumption Survey.



**Table R12A.90p. Total Primary Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1990**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.4	0.4	0.5	0.7	0.8	1.3	1.3	1.8	2.9	1.9	2.3	
RSE Column Factors:	0.4	0.4	0.4	0.5	0.7	0.8	1.3	1.3	1.8	2.9	1.9	2.3	
All Buildings . . . . .	74,213	15,368	74,179	9,182	44,829	4,863	9,151	976	5,112	65	7,979	281	4.1
Census Region													
Northeast . . . . .	13,903	3,246	13,903	1,415	7,714	1,033	5,636	757	1,120	21	1,122	20	7.6
Midwest . . . . .	18,738	4,153	18,738	2,010	13,632	1,881	1,500	121	1,292	Q	2,361	131	8.1
South . . . . .	26,735	5,364	26,735	4,123	13,172	1,030	1,616	79	2,460	34	3,428	98	8.0
West . . . . .	14,837	2,605	14,804	1,634	10,312	918	Q	Q	240	Q	1,068	32	8.7
Census Division													
New England . . . . .	3,162	728	3,162	315	1,074	156	1,907	244	237	7	525	8	10.9
Middle Atlantic . . . . .	10,741	2,517	10,741	1,100	6,640	878	3,728	513	883	Q	598	12	9.1
East North Central . . . . .	13,306	2,997	13,306	1,420	9,607	1,388	1,223	93	1,068	Q	1,589	87	11.0
West North Central . . . . .	5,433	1,157	5,433	589	4,025	494	277	28	224	1	771	45	11.2
South Atlantic . . . . .	13,403	2,560	13,403	2,039	4,545	373	1,463	73	1,783	26	1,898	49	11.5
East South Central . . . . .	5,436	1,090	5,436	839	2,461	209	Q	Q	586	8	861	28	16.6
West South Central . . . . .	7,896	1,714	7,896	1,246	6,165	448	*	*	91	*	670	Q	14.9
Mountain . . . . .	4,167	781	4,167	429	3,276	334	Q	Q	99	Q	Q	Q	19.3
Pacific . . . . .	10,670	1,824	10,637	1,204	7,036	585	Q	Q	142	Q	857	18	10.1
Type of Home													
Mobile Home . . . . .	5,212	735	5,212	489	2,004	153	359	18	942	25	1,691	50	20.2
Single-Family													
Detached . . . . .	58,363	11,071	58,330	6,654	36,202	3,453	7,519	703	3,809	36	6,115	224	5.4
Single-Family													
Attached . . . . .	6,001	906	6,001	571	3,319	276	716	57	300	2	Q	Q	18.3
2 to 4 Units . . . . .	3,644	1,352	3,644	609	2,700	621	479	114	Q	Q	101	7	15.2
5 or More Units . . . . .	993	1,304	993	858	604	360	78	84	Q	Q	Q	Q	16.1
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	10,356	1,331	10,323	881	4,957	323	743	38	1,339	29	2,377	59	11.4
1,001 to 2,000 . . . . .	27,736	4,636	27,736	2,921	17,117	1,418	2,187	159	1,960	25	3,065	112	7.8
2,001 to 5,000 . . . . .	33,448	7,508	33,448	4,275	20,863	2,501	5,766	621	1,764	9	2,458	102	6.8
5,001 to 10,000 . . . . .	2,263	1,065	2,263	579	1,607	388	414	90	42	Q	76	Q	18.0
10,001 to 25,000 . . . . .	339	385	339	257	237	118	Q	Q	Q	Q	Q	Q	34.9
25,001 to 50,000 . . . . .	34	126	34	74	25	38	Q	Q	*	*	*	*	37.6
50,001 to 100,000 . . . . .	29	188	29	132	16	36	7	20	*	*	*	*	35.0
100,001 to 200,000 . . . . .	7	77	7	39	5	25	Q	14	*	*	*	*	60.9
Over 200,000 . . . . .	2	53	2	24	2	17	1	12	*	*	Q	Q	32.8
Year Constructed													
1939 or Before . . . . .	16,760	3,607	16,760	1,550	11,758	1,565	3,258	399	1,285	19	1,766	74	8.8
1940 to 1949 . . . . .	6,069	1,129	6,069	581	4,347	445	804	73	377	3	699	26	13.8
1950 to 1959 . . . . .	11,883	2,297	11,883	1,242	8,194	810	2,041	208	580	5	890	31	10.5
1960 to 1969 . . . . .	11,356	2,386	11,356	1,454	7,636	774	1,454	132	621	3	1,036	24	11.8
1970 to 1979 . . . . .	15,329	3,495	15,329	2,492	7,656	781	1,246	137	1,485	27	1,744	57	10.2
1980 to 1990 . . . . .	12,815	2,454	12,782	1,863	5,239	488	349	26	764	8	1,844	69	13.7

\* = 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 1990 Residential Energy Consumption Survey.

**Table R12A.90s. Total Site Consumption and Number of Buildings for All End Uses by Energy Source in Residential Buildings, 1990**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.5	0.4	0.5	0.7	0.8	1.3	1.3	1.8	2.9	1.9	2.3	
All Buildings	74,213	9,218	74,179	3,031	44,829	4,863	9,151	976	5,112	65	7,979	281	4.3
Census Region													
Northeast	13,903	2,298	13,903	467	7,714	1,033	5,636	757	1,120	21	1,122	20	7.6
Midwest	18,738	2,807	18,738	664	13,632	1,881	1,500	121	1,292	Q	2,361	131	8.3
South	26,735	2,602	26,735	1,361	13,172	1,030	1,616	79	2,460	34	3,428	98	8.3
West	14,837	1,510	14,804	539	10,312	918	Q	Q	240	Q	1,068	32	9.0
Census Division													
New England	3,162	518	3,162	104	1,074	156	1,907	244	237	7	525	8	11.0
Middle Atlantic	10,741	1,781	10,741	363	6,640	878	3,728	513	883	Q	598	12	9.2
East North Central	13,306	2,045	13,306	469	9,607	1,388	1,223	93	1,068	Q	1,589	87	11.2
West North Central	5,433	762	5,433	195	4,025	494	277	28	224	1	771	45	11.4
South Atlantic	13,403	1,195	13,403	673	4,545	373	1,463	73	1,783	26	1,898	49	11.9
East South Central	5,436	528	5,436	277	2,461	209	Q	Q	586	8	861	28	17.1
West South Central	7,896	880	7,896	411	6,165	448	*	*	91	*	670	Q	14.9
Mountain	4,167	493	4,167	142	3,276	334	Q	Q	99	Q	Q	Q	19.8
Pacific	10,670	1,017	10,637	398	7,036	585	Q	Q	142	Q	857	18	10.2
Type of Home													
Mobile Home	5,212	407	5,212	162	2,004	153	359	18	942	25	1,691	50	20.2
Single-Family													
Detached	58,363	6,613	58,330	2,197	36,202	3,453	7,519	703	3,809	36	6,115	224	5.4
Single-Family													
Attached	6,001	524	6,001	189	3,319	276	716	57	300	2	Q	Q	18.1
2 to 4 Units	3,644	945	3,644	201	2,700	621	479	114	Q	Q	101	7	15.0
5 or More Units	993	729	993	283	604	360	78	84	Q	Q	Q	Q	15.8
Building Floorspace (square feet)													
Fewer than 1,001	10,356	741	10,323	291	4,957	323	743	38	1,339	29	2,377	59	11.4
1,001 to 2,000	27,736	2,679	27,736	965	17,117	1,418	2,187	159	1,960	25	3,065	112	7.8
2,001 to 5,000	33,448	4,644	33,448	1,411	20,863	2,501	5,766	621	1,764	9	2,458	102	6.8
5,001 to 10,000	2,263	677	2,263	191	1,607	388	414	90	42	Q	76	Q	18.1
10,001 to 25,000	339	213	339	85	237	118	Q	Q	Q	Q	Q	Q	34.3
25,001 to 50,000	34	76	34	24	25	38	Q	Q	*	*	*	*	37.4
50,001 to 100,000	29	100	29	44	16	36	7	20	*	*	*	*	33.8
100,001 to 200,000	7	51	7	13	5	25	Q	14	*	*	*	*	60.8
Over 200,000	2	36	2	8	2	17	1	12	*	*	Q	Q	32.4
Year Constructed													
1939 or Before	16,760	2,569	16,760	512	11,758	1,565	3,258	399	1,285	19	1,766	74	8.8
1940 to 1949	6,069	740	6,069	192	4,347	445	804	73	377	3	699	26	13.8
1950 to 1959	11,883	1,465	11,883	410	8,194	810	2,041	208	580	5	890	31	10.5
1960 to 1969	11,356	1,412	11,356	480	7,636	774	1,454	132	621	3	1,036	24	11.8
1970 to 1979	15,329	1,825	15,329	823	7,656	781	1,246	137	1,485	27	1,744	57	10.1
1980 to 1990	12,815	1,206	12,782	615	5,239	488	349	26	764	8	1,844	69	13.8

\* = 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 1990 Residential Energy Consumption Survey.

**Table R12B.90p. Total Primary Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1990**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.4	0.5	0.5	0.8	0.8	1.3	1.2	1.9	2.8	1.8	2.2	
RSE Column Factors:	0.5	0.4	0.5	0.5	0.8	0.8	1.3	1.2	1.9	2.8	1.8	2.2	
All Buildings . . . . .	169,227	15,368	169,204	9,182	106,320	4,863	25,386	976	9,338	65	13,876	281	4.5
Census Region													
Northeast . . . . .	40,345	3,246	40,345	1,415	23,591	1,033	17,581	757	2,443	21	2,308	20	8.1
Midwest . . . . .	46,939	4,153	46,939	2,010	34,701	1,881	3,842	121	2,878	Q	5,006	131	8.9
South . . . . .	52,440	5,364	52,440	4,123	26,626	1,030	2,978	79	3,458	34	5,074	98	9.0
West . . . . .	29,503	2,605	29,481	1,634	21,402	918	Q	Q	559	Q	1,488	32	8.6
Census Division													
New England . . . . .	9,294	728	9,294	315	3,460	156	5,604	244	402	7	1,138	8	11.1
Middle Atlantic . . . . .	31,051	2,517	31,051	1,100	20,131	878	11,977	513	2,041	Q	1,170	12	9.7
East North Central . . . . .	33,757	2,997	33,757	1,420	24,720	1,388	3,024	93	2,456	Q	3,301	87	11.7
West North Central . . . . .	13,181	1,157	13,181	589	9,981	494	818	28	422	1	1,706	45	11.5
South Atlantic . . . . .	26,612	2,560	26,612	2,039	9,917	373	2,670	73	2,542	26	2,830	49	11.8
East South Central . . . . .	10,770	1,090	10,770	839	5,547	209	Q	Q	790	8	1,204	28	20.1
West South Central . . . . .	15,057	1,714	15,057	1,246	11,162	448	*	*	125	*	Q	Q	14.6
Mountain . . . . .	7,818	781	7,818	429	6,000	334	Q	Q	256	Q	Q	Q	19.2
Pacific . . . . .	21,685	1,824	21,663	1,204	15,401	585	Q	Q	303	Q	1,082	18	10.0
Type of Home													
Mobile Home . . . . .	4,895	735	4,895	489	1,954	153	286	18	818	25	1,455	50	20.5
Single-Family													
Detached . . . . .	130,855	11,071	130,833	6,654	81,943	3,453	20,069	703	7,524	36	11,851	224	5.9
Single-Family													
Attached . . . . .	10,014	906	10,014	571	6,014	276	1,448	57	629	2	Q	Q	19.6
2 to 4 Units . . . . .	11,784	1,352	11,784	609	9,034	621	1,809	114	Q	Q	390	7	15.1
5 or More Units . . . . .	11,679	1,304	11,679	858	7,375	360	1,774	84	Q	Q	Q	Q	13.9
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	8,297	1,331	8,275	881	4,016	323	578	38	1,053	29	1,772	59	11.5
1,001 to 2,000 . . . . .	41,190	4,636	41,190	2,921	25,748	1,418	3,301	159	2,757	25	4,350	112	7.8
2,001 to 5,000 . . . . .	96,277	7,508	96,277	4,275	60,127	2,501	17,123	621	5,128	9	7,169	102	7.1
5,001 to 10,000 . . . . .	14,465	1,065	14,465	579	10,140	388	2,676	90	Q	Q	512	Q	17.0
10,001 to 25,000 . . . . .	4,441	385	4,441	257	3,080	118	Q	Q	Q	Q	Q	Q	32.8
25,001 to 50,000 . . . . .	1,135	126	1,135	74	825	38	245	Q	*	*	*	*	36.1
50,001 to 100,000 . . . . .	1,930	188	1,930	132	1,075	36	490	20	*	*	*	*	34.8
100,001 to 200,000 . . . . .	820	77	820	39	697	25	Q	14	*	*	*	*	59.5
Over 200,000 . . . . .	673	53	673	24	613	17	325	12	*	*	Q	Q	33.4
Year Constructed													
1939 or Before . . . . .	40,769	3,607	40,769	1,550	29,493	1,565	9,777	399	2,572	19	3,547	74	8.7
1940 to 1949 . . . . .	11,592	1,129	11,592	581	8,734	445	1,802	73	649	3	1,092	26	13.8
1950 to 1959 . . . . .	24,694	2,297	24,694	1,242	17,596	810	4,974	208	984	5	1,202	31	11.1
1960 to 1969 . . . . .	26,191	2,386	26,191	1,454	17,918	774	3,716	132	1,382	3	1,672	24	12.2
1970 to 1979 . . . . .	36,274	3,495	36,274	2,492	18,351	781	4,187	137	2,626	27	3,032	57	10.7
1980 to 1990 . . . . .	29,708	2,454	29,685	1,863	14,227	488	931	26	1,125	8	3,332	69	13.7

\* = 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 1990 Residential Energy Consumption Survey.

**Table R12B.90s. Total Site Consumption and Floorspace for All End Uses by Energy Source in Residential Buildings, 1990**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.5	0.7	0.8	1.3	1.2	1.9	2.8	1.8	2.2	
All Buildings	169,227	9,218	169,204	3,031	106,320	4,863	25,386	976	9,338	65	13,876	281	4.6
Census Region													
Northeast	40,345	2,298	40,345	467	23,591	1,033	17,581	757	2,443	21	2,308	20	8.1
Midwest	46,939	2,807	46,939	664	34,701	1,881	3,842	121	2,878	Q	5,006	131	9.2
South	52,440	2,602	52,440	1,361	26,626	1,030	2,978	79	3,458	34	5,074	98	9.4
West	29,503	1,510	29,481	539	21,402	918	Q	Q	559	Q	1,488	32	9.0
Census Division													
New England	9,294	518	9,294	104	3,460	156	5,604	244	402	7	1,138	8	11.2
Middle Atlantic	31,051	1,781	31,051	363	20,131	878	11,977	513	2,041	Q	1,170	12	9.8
East North Central	33,757	2,045	33,757	469	24,720	1,388	3,024	93	2,456	Q	3,301	87	11.9
West North Central	13,181	762	13,181	195	9,981	494	818	28	422	1	1,706	45	11.7
South Atlantic	26,612	1,195	26,612	673	9,917	373	2,670	73	2,542	26	2,830	49	12.3
East South Central	10,770	528	10,770	277	5,547	209	Q	Q	790	8	1,204	28	20.7
West South Central	15,057	880	15,057	411	11,162	448	*	*	125		Q	Q	14.5
Mountain	7,818	493	7,818	142	6,000	334	Q	Q	256	Q	Q	Q	19.7
Pacific	21,685	1,017	21,663	398	15,401	585	Q	Q	303	Q	1,082	18	10.1
Type of Home													
Mobile Home	4,895	407	4,895	162	1,954	153	286	18	818	25	1,455	50	20.6
Single-Family													
Detached	130,855	6,613	130,833	2,197	81,943	3,453	20,069	703	7,524	36	11,851	224	5.9
Single-Family													
Attached	10,014	524	10,014	189	6,014	276	1,448	57	629	2	Q	Q	19.4
2 to 4 Units	11,784	945	11,784	201	9,034	621	1,809	114	Q	Q	390	7	14.9
5 or More Units	11,679	729	11,679	283	7,375	360	1,774	84	Q	Q	Q	Q	13.6
Building Floorspace (square feet)													
Fewer than 1,001	8,297	741	8,275	291	4,016	323	578	38	1,053	29	1,772	59	11.5
1,001 to 2,000	41,190	2,679	41,190	965	25,748	1,418	3,301	159	2,757	25	4,350	112	7.8
2,001 to 5,000	96,277	4,644	96,277	1,411	60,127	2,501	17,123	621	5,128	9	7,169	102	7.1
5,001 to 10,000	14,465	677	14,465	191	10,140	388	2,676	90	Q	Q	512	Q	17.1
10,001 to 25,000	4,441	213	4,441	85	3,080	118	Q	Q	Q	Q	Q	Q	32.2
25,001 to 50,000	1,135	76	1,135	24	825	38	245	Q	*	*	*	*	35.9
50,001 to 100,000	1,930	100	1,930	44	1,075	36	490	20	*	*	*	*	33.6
100,001 to 200,000	820	51	820	13	697	25	Q	14	*	*	*	*	59.5
Over 200,000	673	36	673	8	613	17	325	12	*	*	Q	Q	32.9
Year Constructed													
1939 or Before	40,769	2,569	40,769	512	29,493	1,565	9,777	399	2,572	19	3,547	74	8.7
1940 to 1949	11,592	740	11,592	192	8,734	445	1,802	73	649	3	1,092	26	13.8
1950 to 1959	24,694	1,465	24,694	410	17,596	810	4,974	208	984	5	1,202	31	11.2
1960 to 1969	26,191	1,412	26,191	480	17,918	774	3,716	132	1,382	3	1,672	24	12.2
1970 to 1979	36,274	1,825	36,274	823	18,351	781	4,187	137	2,626	27	3,032	57	10.7
1980 to 1990	29,708	1,206	29,685	615	14,227	488	931	26	1,125	8	3,332	69	13.8

\* = 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 1990 Residential Energy Consumption Survey.

**Table R13A.90p. Space Heating Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1990**

Building Characteristics	Energy Sources												RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.7	NF	0.7	NF	1.2	NF	1.7	NF	2.1	
All Buildings	73,022	5,404	28,554	917	42,506	3,367	9,118	866	5,047	65	5,025	189	4.9
Census Region													
Northeast	13,824	1,518	3,617	124	6,404	716	5,616	650	1,120	21	218	9	9.2
Midwest	18,490	1,829	4,501	177	13,505	1,427	1,497	120	1,227	Q	1,733	96	9.8
South	26,471	1,229	14,314	380	12,639	673	1,615	77	2,460	34	2,578	66	8.7
West	14,237	828	6,123	237	9,958	551	Q	Q	240	Q	496	18	10.3
Census Division													
New England	3,153	357	933	32	764	99	1,900	217	237	7	Q	Q	11.2
Middle Atlantic	10,672	1,161	2,684	91	5,641	617	3,716	432	883	Q	154	7	11.0
East North Central	13,122	1,350	3,154	134	9,512	1,051	1,223	93	1,035	Q	1,139	65	12.9
West North Central	5,368	479	1,347	43	3,993	376	274	28	192	1	594	32	14.7
South Atlantic	13,277	575	8,139	197	4,128	250	1,463	71	1,783	26	1,276	31	12.5
East South Central	5,298	284	2,788	102	2,461	146	Q	Q	586	8	734	23	17.0
West South Central	7,896	369	3,387	81	6,050	277	*	*	91	*	Q	Q	16.3
Mountain	4,138	286	1,439	38	3,206	234	Q	Q	99	Q	Q	Q	18.8
Pacific	10,099	541	4,683	199	6,751	317	Q	Q	142	Q	323	9	12.2
Type of Home													
Mobile Home	5,171	252	1,929	63	1,994	110	359	18	942	25	1,213	37	21.0
Single-Family													
Detached	57,303	3,878	22,016	590	34,767	2,461	7,508	642	3,745	36	3,789	150	5.6
Single-Family													
Attached	5,963	333	2,976	87	2,896	193	716	51	300	2	*	*	20.2
2 to 4 Units	3,595	595	1,140	67	2,351	424	460	100	Q	Q	Q	Q	16.6
5 or More Units	991	346	494	110	499	180	74	55	Q	Q	*	*	17.7
Building Floorspace (square feet)													
Fewer than 1,001	9,941	429	4,019	106	4,616	221	724	35	1,323	29	1,335	39	11.8
1,001 to 2,000	27,293	1,501	11,219	294	16,486	958	2,184	145	1,952	25	2,174	79	8.2
2,001 to 5,000	33,127	2,831	12,301	396	19,744	1,799	5,759	561	1,723	9	1,493	67	7.1
5,001 to 10,000	2,252	402	817	59	1,428	257	414	80	42	Q	Q	Q	19.5
10,001 to 25,000	338	105	165	26	201	71	Q	Q	Q	Q	*	*	37.5
25,001 to 50,000	34	34	16	8	17	18	Q	Q	*	*	*	*	40.5
50,001 to 100,000	29	56	16	Q	Q	21	Q	Q	*	*	*	*	53.9
100,001 to 200,000	7	25	2	3	3	13	Q	Q	*	*	*	*	64.8
Over 200,000	2	19	Q	Q	1	Q	1	9	*	*	*	*	29.0
Year Constructed													
1939 or Before	16,492	1,694	4,763	102	10,768	1,159	3,254	364	1,277	19	1,018	50	9.7
1940 to 1949	5,987	457	1,849	43	4,188	328	801	67	377	3	316	15	15.2
1950 to 1959	11,669	852	3,938	92	7,748	558	2,018	175	564	5	599	22	10.6
1960 to 1969	11,215	766	3,564	118	7,392	511	1,450	118	598	3	671	16	11.4
1970 to 1979	15,211	1,012	7,837	330	7,319	497	1,246	119	1,485	27	1,109	39	10.1
1980 to 1990	12,447	622	6,604	232	5,090	314	349	23	747	8	1,312	46	14.8

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 1990 Residential Energy Consumption Survey.

**Table R13A.90s. Space Heating Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1990**

Building Characteristics	Energy Sources												RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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	0.7	NF	0.7	NF	1.2	NF	1.7	NF	2.1	NF	
RSE Column Factors:	0.4	NF	0.7	NF	0.7	NF	1.2	NF	1.7	NF	2.1	NF	
All Buildings . . . . .	73,022	4,790	28,554	303	42,506	3,367	9,118	866	5,047	65	5,025	189	4.9
Census Region													
Northeast . . . . .	13,824	1,435	3,617	41	6,404	716	5,616	650	1,120	21	218	9	9.2
Midwest . . . . .	18,490	1,711	4,501	58	13,505	1,427	1,497	120	1,227	Q	1,733	96	9.8
South . . . . .	26,471	975	14,314	125	12,639	673	1,615	77	2,460	34	2,578	66	8.7
West . . . . .	14,237	669	6,123	78	9,958	551	Q	Q	240	Q	496	18	10.3
Census Division													
New England . . . . .	3,153	335	933	11	764	99	1,900	217	237	7	Q	Q	11.2
Middle Atlantic . . . . .	10,672	1,100	2,684	30	5,641	617	3,716	432	883	Q	154	7	11.0
East North Central . . . . .	13,122	1,261	3,154	44	9,512	1,051	1,223	93	1,035	Q	1,139	65	12.9
West North Central . . . . .	5,368	450	1,347	14	3,993	376	274	28	192	1	594	32	14.7
South Atlantic . . . . .	13,277	443	8,139	65	4,128	250	1,463	71	1,783	26	1,276	31	12.5
East South Central . . . . .	5,298	216	2,788	34	2,461	146	Q	Q	586	8	734	23	17.0
West South Central . . . . .	7,896	315	3,387	27	6,050	277	*	*	91	*	Q	Q	16.3
Mountain . . . . .	4,138	261	1,439	12	3,206	234	Q	Q	99	Q	Q	Q	18.8
Pacific . . . . .	10,099	408	4,683	66	6,751	317	Q	Q	142	Q	323	9	12.2
Type of Home													
Mobile Home . . . . .	5,171	210	1,929	21	1,994	110	359	18	942	25	1,213	37	21.0
Single-Family													
Detached . . . . .	57,303	3,483	22,016	195	34,767	2,461	7,508	642	3,745	36	3,789	150	5.6
Single-Family													
Attached . . . . .	5,963	274	2,976	29	2,896	193	716	51	300	2	*	*	20.2
2 to 4 Units . . . . .	3,595	550	1,140	22	2,351	424	460	100	Q	Q	Q	Q	16.6
5 or More Units . . . . .	991	272	494	36	499	180	74	55	Q	Q	*	*	17.7
Building Floorspace (square feet)													
Fewer than 1,001 . . . . .	9,941	359	4,019	35	4,616	221	724	35	1,323	29	1,335	39	11.8
1,001 to 2,000 . . . . .	27,293	1,304	11,219	97	16,486	958	2,184	145	1,952	25	2,174	79	8.2
2,001 to 5,000 . . . . .	33,127	2,566	12,301	131	19,744	1,799	5,759	561	1,723	9	1,493	67	7.1
5,001 to 10,000 . . . . .	2,252	362	817	20	1,428	257	414	80	42	Q	Q	Q	19.5
10,001 to 25,000 . . . . .	338	88	165	9	201	71	Q	Q	Q	Q	*	*	37.5
25,001 to 50,000 . . . . .	34	28	16	3	17	18	Q	Q	*	*	*	*	40.5
50,001 to 100,000 . . . . .	29	40	16	Q	Q	21	Q	Q	*	*	*	*	53.9
100,001 to 200,000 . . . . .	7	24	2	1	3	13	Q	Q	*	*	*	*	64.8
Over 200,000 . . . . .	2	19	Q	Q	1	Q	1	9	*	*	*	*	29.0
Year Constructed													
1939 or Before . . . . .	16,492	1,625	4,763	34	10,768	1,159	3,254	364	1,277	19	1,018	50	9.7
1940 to 1949 . . . . .	5,987	428	1,849	14	4,188	328	801	67	377	3	316	15	15.2
1950 to 1959 . . . . .	11,669	791	3,938	30	7,748	558	2,018	175	564	5	599	22	10.6
1960 to 1969 . . . . .	11,215	687	3,564	39	7,392	511	1,450	118	598	3	671	16	11.4
1970 to 1979 . . . . .	15,211	792	7,837	109	7,319	497	1,246	119	1,485	27	1,109	39	10.1
1980 to 1990 . . . . .	12,447	467	6,604	76	5,090	314	349	23	747	8	1,312	46	14.8

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 1990 Residential Energy Consumption Survey.

**Table R13B.90p. Space Heating Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1990**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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)	
	0.4	NF	0.7	NF	0.8	NF	1.3	NF	1.7	NF	2.0	NF	
All Buildings	167,337	5,404	64,187	917	98,688	3,367	25,169	866	9,210	65	8,786	189	5.3
Census Region													
Northeast	40,122	1,518	11,015	124	18,532	716	17,412	650	2,443	21	418	9	10.0
Midwest	46,349	1,829	11,263	177	34,405	1,427	3,839	120	2,750	Q	3,717	96	11.0
South	52,091	1,229	29,603	380	25,342	673	2,943	77	3,458	34	3,922	66	10.0
West	28,776	828	12,306	237	20,409	551	Q	Q	559	Q	729	18	10.8
Census Division													
New England	9,228	357	3,010	32	2,462	99	5,584	217	402	7	Q	Q	11.6
Middle Atlantic	30,894	1,161	8,005	91	16,071	617	11,828	432	2,041	Q	296	7	12.0
East North Central	33,284	1,350	8,024	134	24,511	1,051	3,024	93	2,370	Q	2,424	65	14.2
West North Central	13,064	479	3,239	43	9,894	376	815	28	380	1	1,293	32	14.3
South Atlantic	26,446	575	16,766	197	8,983	250	2,635	71	2,542	26	2,014	31	12.8
East South Central	10,588	284	5,399	102	5,537	146	Q	Q	790	8	1,043	23	23.4
West South Central	15,057	369	7,438	81	10,822	277	*	*	125	*	Q	Q	17.8
Mountain	7,755	286	2,712	38	5,928	234	Q	Q	256	Q	Q	Q	19.9
Pacific	21,020	541	9,594	199	14,481	317	Q	Q	303	Q	423	9	12.4
Type of Home													
Mobile Home	4,861	252	1,889	63	1,945	110	286	18	818	25	1,107	37	21.9
Single-Family Detached	129,130	3,878	48,840	590	78,400	2,461	20,059	642	7,397	36	7,535	150	6.5
Single-Family Attached	9,988	333	4,368	87	5,315	193	1,448	51	629	2	*	*	23.0
2 to 4 Units	11,711	595	3,485	67	7,683	424	1,784	100	Q	Q	Q	Q	15.5
5 or More Units	11,647	346	5,605	110	5,345	180	1,592	55	Q	Q	*	*	17.3
Building Floorspace (square feet)													
Fewer than 1,001	7,986	429	3,253	106	3,746	221	567	35	1,041	29	1,027	39	12.1
1,001 to 2,000	40,591	1,501	16,783	294	24,839	958	3,298	145	2,745	25	3,091	79	8.2
2,001 to 5,000	95,396	2,831	34,661	396	56,666	1,799	17,103	561	5,026	9	4,484	67	7.7
5,001 to 10,000	14,388	402	5,427	59	8,976	257	2,676	80	Q	Q	Q	Q	17.3
10,001 to 25,000	4,419	105	2,183	26	2,536	71	Q	Q	Q	Q	*	*	34.0
25,001 to 50,000	1,135	34	538	8	545	18	Q	Q	*	*	*	*	38.6
50,001 to 100,000	1,930	56	1,065	Q	643	21	Q	Q	*	*	*	*	58.3
100,001 to 200,000	820	25	186	3	402	13	Q	Q	*	*	*	*	60.5
Over 200,000	673	19	Q	Q	335	Q	325	9	*	*	*	*	32.0
Year Constructed													
1939 or Before	40,250	1,694	11,481	102	25,951	1,159	9,769	364	2,559	19	1,993	50	9.8
1940 to 1949	11,483	457	3,582	43	8,260	328	1,799	67	649	3	412	15	15.2
1950 to 1959	24,326	852	7,728	92	16,568	558	4,816	175	941	5	831	22	11.8
1960 to 1969	25,936	766	8,397	118	17,089	511	3,704	118	1,353	3	1,101	16	12.1
1970 to 1979	36,061	1,012	18,610	330	17,105	497	4,151	119	2,626	27	1,955	39	11.1
1980 to 1990	29,282	622	14,389	232	13,714	314	931	23	1,082	8	2,494	46	14.5

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 1990 Residential Energy Consumption Survey.

**Table R13B.90s. Space Heating Site Consumption and Floorspace by Energy Source in Residential Buildings, 1990**

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene		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)	
	0.4	NF	0.7	NF	0.8	NF	1.3	NF	1.7	NF	2.0	NF	
All Buildings	167,337	4,790	64,187	303	98,688	3,367	25,169	866	9,210	65	8,786	189	5.3
Census Region													
Northeast	40,122	1,435	11,015	41	18,532	716	17,412	650	2,443	21	418	9	10.0
Midwest	46,349	1,711	11,263	58	34,405	1,427	3,839	120	2,750	Q	3,717	96	11.0
South	52,091	975	29,603	125	25,342	673	2,943	77	3,458	34	3,922	66	10.0
West	28,776	669	12,306	78	20,409	551	Q	Q	559	Q	729	18	10.8
Census Division													
New England	9,228	335	3,010	11	2,462	99	5,584	217	402	7	Q	Q	11.6
Middle Atlantic	30,894	1,100	8,005	30	16,071	617	11,828	432	2,041	Q	296	7	12.0
East North Central	33,284	1,261	8,024	44	24,511	1,051	3,024	93	2,370	Q	2,424	65	14.2
West North Central	13,064	450	3,239	14	9,894	376	815	28	380	1	1,293	32	14.3
South Atlantic	26,446	443	16,766	65	8,983	250	2,635	71	2,542	26	2,014	31	12.8
East South Central	10,588	216	5,399	34	5,537	146	Q	Q	790	8	1,043	23	23.4
West South Central	15,057	315	7,438	27	10,822	277	*	*	125	*	Q	Q	17.8
Mountain	7,755	261	2,712	12	5,928	234	Q	Q	256	Q	Q	Q	19.9
Pacific	21,020	408	9,594	66	14,481	317	Q	Q	303	Q	423	9	12.4
Type of Home													
Mobile Home	4,861	210	1,889	21	1,945	110	286	18	818	25	1,107	37	21.9
Single-Family Detached	129,130	3,483	48,840	195	78,400	2,461	20,059	642	7,397	36	7,535	150	6.5
Single-Family Attached	9,988	274	4,368	29	5,315	193	1,448	51	629	2	*	*	23.0
2 to 4 Units	11,711	550	3,485	22	7,683	424	1,784	100	Q	Q	Q	Q	15.5
5 or More Units	11,647	272	5,605	36	5,345	180	1,592	55	Q	Q	*	*	17.3
Building Floorspace (square feet)													
Fewer than 1,001	7,986	359	3,253	35	3,746	221	567	35	1,041	29	1,027	39	12.1
1,001 to 2,000	40,591	1,304	16,783	97	24,839	958	3,298	145	2,745	25	3,091	79	8.2
2,001 to 5,000	95,396	2,566	34,661	131	56,666	1,799	17,103	561	5,026	9	4,484	67	7.7
5,001 to 10,000	14,388	362	5,427	20	8,976	257	2,676	80	Q	Q	Q	Q	17.3
10,001 to 25,000	4,419	88	2,183	9	2,536	71	Q	Q	Q	Q	*	*	34.0
25,001 to 50,000	1,135	28	538	3	545	18	Q	Q	*	*	*	*	38.6
50,001 to 100,000	1,930	40	1,065	Q	643	21	Q	Q	*	*	*	*	58.3
100,001 to 200,000	820	24	186	1	402	13	Q	Q	*	*	*	*	60.5
Over 200,000	673	19	Q	Q	335	Q	325	9	*	*	*	*	32.0
Year Constructed													
1939 or Before	40,250	1,625	11,481	34	25,951	1,159	9,769	364	2,559	19	1,993	50	9.8
1940 to 1949	11,483	428	3,582	14	8,260	328	1,799	67	649	3	412	15	15.2
1950 to 1959	24,326	791	7,728	30	16,568	558	4,816	175	941	5	831	22	11.8
1960 to 1969	25,936	687	8,397	39	17,089	511	3,704	118	1,353	3	1,101	16	12.1
1970 to 1979	36,061	792	18,610	109	17,105	497	4,151	119	2,626	27	1,955	39	11.1
1980 to 1990	29,282	467	14,389	76	13,714	314	931	23	1,082	8	2,494	46	14.5

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 1990 Residential Energy Consumption Survey.



**Table R14A.90p. Air Conditioning and Appliances Primary Consumption and Number of Buildings by Energy Source in Residential Buildings, 1990**

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	47,739	1,457	74,213	6,141	74,179	5,782	31,593	326	5,772	34	2.8
Census Region											
Northeast	7,402	94	13,903	1,141	13,903	1,058	6,208	78	1,015	6	5.5
Midwest	12,846	215	18,738	1,489	18,738	1,390	9,302	89	1,541	10	5.0
South	22,052	1,023	26,735	2,337	26,735	2,243	8,839	81	2,330	13	5.3
West	5,439	124	14,837	1,174	14,804	1,091	7,244	78	886	5	7.1
Census Division											
New England	1,368	13	3,162	243	3,162	230	820	10	475	3	11.0
Middle Atlantic	6,034	81	10,741	899	10,741	828	5,388	68	540	3	6.9
East North Central	8,393	128	13,306	1,056	13,306	980	6,789	69	1,023	7	7.4
West North Central	4,453	88	5,433	433	5,433	410	2,513	20	518	3	6.8
South Atlantic	10,978	470	13,403	1,125	13,403	1,089	3,046	28	1,374	8	8.8
East South Central	4,389	165	5,436	466	5,436	452	1,325	11	463	2	14.9
West South Central	6,685	388	7,896	747	7,896	701	4,467	43	494	Q	11.2
Mountain	1,523	47	4,167	318	4,167	304	1,727	13	Q	Q	13.5
Pacific	3,916	78	10,670	856	10,637	787	5,517	65	730	4	9.2
Type of Home											
Mobile Home	3,025	68	5,212	283	5,212	263	1,840	13	1,324	7	14.7
Single-Family											
Detached	37,893	1,060	58,363	4,575	58,330	4,322	25,102	228	4,296	25	3.8
Single-Family											
Attached	4,109	86	6,001	350	6,001	332	2,169	17	Q	Q	15.9
2 to 4 Units	2,083	85	3,644	431	3,644	390	2,097	39	80	1	12.1
5 or More Units	630	158	993	503	993	474	384	29	Q	Q	11.3
Building Floorspace (square feet)											
Fewer than 1,001	5,324	103	10,356	551	10,323	516	3,902	25	1,941	10	8.3
1,001 to 2,000	18,071	466	27,736	1,955	27,736	1,838	12,373	104	2,214	12	5.8
2,001 to 5,000	22,549	687	33,448	2,932	33,448	2,773	13,977	149	1,550	11	4.7
5,001 to 10,000	1,469	97	2,263	387	2,263	355	1,163	31	64	Q	16.1
10,001 to 25,000	275	58	339	146	339	139	152	7	Q	Q	26.7
25,001 to 50,000	22	12	34	50	34	47	11	3	*	*	30.1
50,001 to 100,000	23	22	29	73	29	70	10	3	*	*	26.4
100,001 to 200,000	4	9	7	27	7	25	Q	2	*	*	52.2
Over 200,000	2	5	2	20	2	18	2	2	Q	Q	35.4
Year Constructed											
1939 or Before	8,234	122	16,760	1,263	16,760	1,166	8,560	89	1,292	9	7.0
1940 to 1949	3,388	71	6,069	430	6,069	398	3,123	27	526	4	10.1
1950 to 1959	7,540	179	11,883	936	11,883	870	6,037	63	695	4	7.7
1960 to 1969	7,947	270	11,356	996	11,356	927	5,578	65	801	4	9.1
1970 to 1979	10,944	448	15,329	1,461	15,329	1,405	4,875	49	1,231	7	7.2
1980 to 1990	9,687	366	12,815	1,056	12,782	1,016	3,420	33	1,226	7	10.9

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 1990 Residential Energy Consumption Survey.

**Table R14A.90s. Air Conditioning and Appliances Site Consumption and Number of Buildings by Energy Source in Residential Buildings, 1990**

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 . . . . .	47,739	481	74,213	2,269	74,179	1,909	31,593	326	5,772	34	2.8
Census Region											
Northeast . . . . .	7,402	31	13,903	433	13,903	349	6,208	78	1015	6	5.5
Midwest . . . . .	12,846	71	18,738	558	18,738	459	9,302	89	1541	10	5.0
South . . . . .	22,052	338	26,735	835	26,735	741	8,839	81	2330	13	5.3
West . . . . .	5,439	41	14,837	443	14,804	360	7,244	78	886	5	7.1
Census Division											
New England . . . . .	1,368	4	3,162	89	3,162	76	820	10	475	3	11.0
Middle Atlantic . . . . .	6,034	27	10,741	344	10,741	273	5,388	68	540	3	6.9
East North Central . . . . .	8,393	42	13,306	399	13,306	323	6,789	69	1023	7	7.4
West North Central . . . . .	4,453	29	5,433	158	5,433	135	2,513	20	518	3	6.8
South Atlantic . . . . .	10,978	155	13,403	396	13,403	360	3,046	28	1374	8	8.8
East South Central . . . . .	4,389	55	5,436	163	5,436	149	1,325	11	463	2	14.9
West South Central . . . . .	6,685	128	7,896	277	7,896	232	4,467	43	494	Q	11.2
Mountain . . . . .	1,523	15	4,167	114	4,167	100	1,727	13	Q	Q	13.5
Pacific . . . . .	3,916	26	10,670	329	10,637	260	5,517	65	730	4	9.2
Type of Home											
Mobile Home . . . . .	3,025	23	5,212	107	5,212	87	1,840	13	1324	7	14.7
Single-Family											
Detached . . . . .	37,893	350	58,363	1,680	58,330	1,427	25,102	228	4296	25	3.8
Single-Family											
Attached . . . . .	4,109	28	6,001	127	6,001	110	2,169	17	Q	Q	15.9
2 to 4 Units . . . . .	2,083	28	3,644	169	3,644	129	2,097	39	80	1	12.1
5 or More Units . . . . .	630	52	993	186	993	156	384	29	Q	Q	11.3
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	5,324	34	10,356	205	10,323	170	3,902	25	1941	10	8.3
1,001 to 2,000 . . . . .	18,071	154	27,736	723	27,736	607	12,373	104	2214	12	5.8
2,001 to 5,000 . . . . .	22,549	227	33,448	1,075	33,448	915	13,977	149	1550	11	4.7
5,001 to 10,000 . . . . .	1,469	32	2,263	149	2,263	117	1,163	31	64	Q	16.1
10,001 to 25,000 . . . . .	275	19	339	53	339	46	152	7	Q	Q	26.7
25,001 to 50,000 . . . . .	22	4	34	18	34	16	11	3	*	*	30.1
50,001 to 100,000 . . . . .	23	7	29	26	29	23	10	3	*	*	26.4
100,001 to 200,000 . . . . .	4	3	7	10	7	8	Q	2	*	*	52.2
Over 200,000 . . . . .	2	2	2	8	2	6	2	2	Q	Q	35.4
Year Constructed											
1939 or Before . . . . .	8,234	40	16,760	482	16,760	385	8,560	89	1292	9	7.0
1940 to 1949 . . . . .	3,388	23	6,069	163	6,069	131	3,123	27	526	4	10.1
1950 to 1959 . . . . .	7,540	59	11,883	353	11,883	287	6,037	63	695	4	7.7
1960 to 1969 . . . . .	7,947	89	11,356	375	11,356	306	5,578	65	801	4	9.1
1970 to 1979 . . . . .	10,944	148	15,329	520	15,329	464	4,875	49	1231	7	7.2
1980 to 1990 . . . . .	9,687	121	12,815	376	12,782	335	3,420	33	1226	7	10.9

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 1990 Residential Energy Consumption Survey.

**Table R14B.90p. Air Conditioning and Appliances Primary Consumption and Floorspace by Energy Source in Residential Buildings, 1990**

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)	
	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.5	NF	
All Buildings	112,908	1,457	169,227	6,141	169,204	5,782	73,071	326	9,482	34	3.2
Census Region											
Northeast	22,045	94	40,345	1,141	40,345	1,058	18,523	78	2,085	6	6.3
Midwest	33,478	215	46,939	1,489	46,939	1,390	23,510	89	3,118	10	5.6
South	45,251	1,023	52,440	2,337	52,440	2,243	17,142	81	3,123	13	6.8
West	12,134	124	29,503	1,174	29,481	1,091	13,897	78	1,156	5	6.7
Census Division											
New England	4,333	13	9,294	243	9,294	230	2,489	10	999	3	11.3
Middle Atlantic	17,712	81	31,051	899	31,051	828	16,033	68	1,086	3	8.0
East North Central	22,365	128	33,757	1,056	33,757	980	17,515	69	1,974	7	7.6
West North Central	11,114	88	13,181	433	13,181	410	5,995	20	1,144	3	7.2
South Atlantic	22,538	470	26,612	1,125	26,612	1,089	6,631	28	1,962	8	9.0
East South Central	9,207	165	10,770	466	10,770	452	3,049	11	524	2	23.5
West South Central	13,506	388	15,057	747	15,057	701	7,462	43	Q	Q	10.2
Mountain	3,082	47	7,818	318	7,818	304	2,581	13	Q	Q	14.2
Pacific	9,051	78	21,685	856	21,663	787	11,316	65	869	4	8.1
Type of Home											
Mobile Home	2,907	68	4,895	283	4,895	263	1,768	13	1,109	7	15.3
Single-Family Detached	88,276	1,060	130,855	4,575	130,833	4,322	55,817	228	7,938	25	4.4
Single-Family Attached	6,792	86	10,014	350	10,014	332	3,896	17	Q	Q	16.9
2 to 4 Units	6,858	85	11,784	431	11,784	390	7,128	39	256	1	12.4
5 or More Units	8,075	158	11,679	503	11,679	474	4,462	29	Q	Q	9.7
Building Floorspace (square feet)											
Fewer than 1,001	4,425	103	8,297	551	8,275	516	3,126	25	1,447	10	8.6
1,001 to 2,000	26,976	466	41,190	1,955	41,190	1,838	18,600	104	3,133	12	5.8
2,001 to 5,000	65,353	687	96,277	2,932	96,277	2,773	40,106	149	4,432	11	5.0
5,001 to 10,000	9,408	97	14,465	387	14,465	355	7,269	31	398	Q	16.0
10,001 to 25,000	3,501	58	4,441	146	4,441	139	1,930	7	Q	Q	24.1
25,001 to 50,000	732	12	1,135	50	1,135	47	344	3	*	*	27.8
50,001 to 100,000	1538	22	1,930	73	1,930	70	693	3	*	*	26.2
100,001 to 200,000	519	9	820	27	820	25	Q	2	*	*	48.0
Over 200,000	456	5	673	20	673	18	559	2	Q	Q	31.3
Year Constructed											
1939 or Before	20,372	122	40,769	1,263	40,769	1,166	22,157	89	2,514	9	6.7
1940 to 1949	6,799	71	11,592	430	11,592	398	6,379	27	822	4	10.5
1950 to 1959	16,570	179	24,694	936	24,694	870	12,830	63	895	4	8.9
1960 to 1969	18,634	270	26,191	996	26,191	927	12,416	65	1,381	4	9.0
1970 to 1979	27,001	448	36,274	1,461	36,274	1,405	10,179	49	1,887	7	7.5
1980 to 1990	23,531	366	29,708	1,056	29,685	1,016	9,110	33	1,984	7	10.6

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 1990 Residential Energy Consumption Survey.

**Table R14B.90s. Air Conditioning and Appliances Site Consumption and Floorspace by Energy Source in Residential Buildings, 1990**

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)	
	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.5	NF	
RSE Column Factors:	0.9	NF	0.6	NF	0.6	NF	1.1	NF	2.5	NF	
All Buildings . . . . .	112,908	481	169,227	2,269	169,204	1,909	73,071	326	9,482	34	3.2
Census Region											
Northeast . . . . .	22,045	31	40,345	433	40,345	349	18,523	78	2,085	6	6.3
Midwest . . . . .	33,478	71	46,939	558	46,939	459	23,510	89	3,118	10	5.6
South . . . . .	45,251	338	52,440	835	52,440	741	17,142	81	3,123	13	6.8
West . . . . .	12,134	41	29,503	443	29,481	360	13,897	78	1,156	5	6.7
Census Division											
New England . . . . .	4,333	4	9,294	89	9,294	76	2,489	10	999	3	11.3
Middle Atlantic . . . . .	17,712	27	31,051	344	31,051	273	16,033	68	1,086	3	8.0
East North Central . . . . .	22,365	42	33,757	399	33,757	323	17,515	69	1,974	7	7.6
West North Central . . . . .	11,114	29	13,181	158	13,181	135	5,995	20	1,144	3	7.2
South Atlantic . . . . .	22,538	155	26,612	396	26,612	360	6,631	28	1,962	8	9.0
East South Central . . . . .	9,207	55	10,770	163	10,770	149	3,049	11	524	2	23.5
West South Central . . . . .	13,506	128	15,057	277	15,057	232	7,462	43	Q	Q	10.2
Mountain . . . . .	3,082	15	7,818	114	7,818	100	2,581	13	Q	Q	14.2
Pacific . . . . .	9,051	26	21,685	329	21,663	260	11,316	65	869	4	8.1
Type of Home											
Mobile Home . . . . .	2,907	23	4,895	107	4,895	87	1,768	13	1,109	7	15.3
Single-Family											
Detached . . . . .	88,276	350	130,855	1,680	130,833	1,427	55,817	228	7,938	25	4.4
Single-Family											
Attached . . . . .	6,792	28	10,014	127	10,014	110	3,896	17	Q	Q	16.9
2 to 4 Units . . . . .	6,858	28	11,784	169	11,784	129	7,128	39	256	1	12.4
5 or More Units . . . . .	8,075	52	11,679	186	11,679	156	4,462	29	Q	Q	9.7
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	4,425	34	8,297	205	8,275	170	3,126	25	1,447	10	8.6
1,001 to 2,000 . . . . .	26,976	154	41,190	723	41,190	607	18,600	104	3,133	12	5.8
2,001 to 5,000 . . . . .	65,353	227	96,277	1,075	96,277	915	40,106	149	4,432	11	5.0
5,001 to 10,000 . . . . .	9,408	32	14,465	149	14,465	117	7,269	31	398	Q	16.0
10,001 to 25,000 . . . . .	3,501	19	4,441	53	4,441	46	1,930	7	Q	Q	24.1
25,001 to 50,000 . . . . .	732	4	1,135	18	1,135	16	344	3	*	*	27.8
50,001 to 100,000 . . . . .	1,538	7	1,930	26	1,930	23	693	3	*	*	26.2
100,001 to 200,000 . . . . .	519	3	820	10	820	8	Q	2	*	*	48.0
Over 200,000 . . . . .	456	2	673	8	673	6	559	2	Q	Q	31.3
Year Constructed											
1939 or Before . . . . .	20,372	40	40,769	482	40,769	385	22,157	89	2,514	9	6.7
1940 to 1949 . . . . .	6,799	23	11,592	163	11,592	131	6,379	27	822	4	10.5
1950 to 1959 . . . . .	16,570	59	24,694	353	24,694	287	12,830	63	895	4	8.9
1960 to 1969 . . . . .	18,634	89	26,191	375	26,191	306	12,416	65	1,381	4	9.0
1970 to 1979 . . . . .	27,001	148	36,274	520	36,274	464	10,179	49	1,887	7	7.5
1980 to 1990 . . . . .	23,531	121	29,708	376	29,685	335	9,110	33	1,984	7	10.6

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 1990 Residential Energy Consumption Survey.

**Table R15A.90p. Total Primary Consumption and Number of Buildings by End Use in Residential Buildings, 1990**

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	1.4	NF	0.9	NF	
All Buildings . . . . .		74,213	15,368	72,741	5,404	73,972	2,356	47,927	1,467	74,213	6,141	1.4
Census Region												
Northeast . . . . .		13,903	3,246	13,743	1,518	13,833	492	7,402	94	13,903	1,141	2.9
Midwest . . . . .		18,738	4,153	18,431	1,829	18,705	619	12,889	217	18,738	1,489	2.6
South . . . . .		26,735	5,364	26,350	1,229	26,711	770	22,130	1,028	26,735	2,337	2.8
West . . . . .		14,837	2,605	14,218	828	14,722	475	5,506	128	14,837	1,174	4.0
Census Division												
New England . . . . .		3,162	728	3,131	357	3,150	116	1,368	13	3,162	243	5.8
Middle Atlantic . . . . .		10,741	2,517	10,612	1,161	10,684	376	6,034	81	10,741	899	3.6
East North Central . . . . .		13,306	2,997	13,066	1,350	13,273	463	8,411	128	13,306	1,056	3.9
West North Central . . . . .		5,433	1,157	5,365	479	5,433	156	4,478	89	5,433	433	4.1
South Atlantic . . . . .		13,403	2,560	13,183	575	13,380	388	11,001	472	13,403	1,125	4.6
East South Central . . . . .		5,436	1,090	5,271	284	5,436	174	4,389	165	5,436	466	9.2
West South Central . . . . .		7,896	1,714	7,896	369	7,896	208	6,740	391	7,896	747	6.3
Mountain . . . . .		4,167	781	4,138	286	4,164	130	1,537	47	4,167	318	9.5
Pacific . . . . .		10,670	1,824	10,080	541	10,558	345	3,969	81	10,670	856	5.3
Type of Home												
Mobile Home . . . . .		5,212	735	5,171	252	5,212	131	3,025	68	5,212	283	12.1
Single-Family												
Detached . . . . .		58,363	11,071	57,080	3,878	58,155	1,552	38,062	1,066	58,363	4,575	2.3
Single-Family												
Attached . . . . .		6,001	906	5,922	333	5,982	138	4,109	86	6,001	350	11.0
2 to 4 Units . . . . .		3,644	1,352	3,583	595	3,640	241	2,097	86	3,644	431	8.5
5 or More Units . . . . .		993	1,304	986	346	983	293	633	161	993	503	8.0
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		10,356	1,331	9,900	429	10,295	247	5,324	103	10,356	551	6.2
1,001 to 2,000 . . . . .		27,736	4,636	27,190	1,501	27,679	712	18,120	469	27,736	1,955	3.6
2,001 to 5,000 . . . . .		33,448	7,508	32,994	2,831	33,335	1,054	22,684	691	33,448	2,932	3.1
5,001 to 10,000 . . . . .		2,263	1,065	2,248	402	2,254	177	1,473	99	2,263	387	10.8
10,001 to 25,000 . . . . .		339	385	338	105	339	75	275	58	339	146	18.0
25,001 to 50,000 . . . . .		34	126	33	34	33	29	22	12	34	50	19.8
50,001 to 100,000 . . . . .		29	188	29	56	29	37	23	22	29	73	23.3
100,001 to 200,000 . . . . .		7	77	7	25	7	16	4	9	7	27	34.7
Over 200,000 . . . . .		2	53	2	19	2	9	2	5	2	20	26.2
Year Constructed												
1939 or Before . . . . .		16,760	3,607	16,417	1,694	16,686	528	8,250	123	16,760	1,263	5.2
1940 to 1949 . . . . .		6,069	1,129	5,971	457	6,069	171	3,388	71	6,069	430	6.9
1950 to 1959 . . . . .		11,883	2,297	11,605	852	11,840	329	7,559	180	11,883	936	5.0
1960 to 1969 . . . . .		11,356	2,386	11,174	766	11,340	353	8,006	272	11,356	996	6.7
1970 to 1979 . . . . .		15,329	3,495	15,143	1,012	15,287	568	10,984	452	15,329	1,461	5.1
1980 to 1990 . . . . .		12,815	2,454	12,431	622	12,750	406	9,740	369	12,815	1,056	7.6

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 1990 Residential Energy Consumption Survey.

**Table R15A.90s. Total Site Consumption and Number of Buildings by End Use in Residential Buildings, 1990**

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	1.4	NF	0.9	NF	
All Buildings . . . . .		74,213	9,218	72,741	4,790	73,972	1,668	47,927	491	74,213	2,269	1.4
Census Region												
Northeast . . . . .		13,903	2,298	13,743	1,435	13,833	399	7,402	31	13,903	433	2.9
Midwest . . . . .		18,738	2,807	18,431	1,711	18,705	466	12,889	72	18,738	558	2.6
South . . . . .		26,735	2,602	26,350	975	26,711	449	22,130	343	26,735	835	2.8
West . . . . .		14,837	1,510	14,218	669	14,722	354	5,506	45	14,837	443	4.0
Census Division												
New England . . . . .		3,162	518	3,131	335	3,150	89	1,368	4	3,162	89	5.8
Middle Atlantic . . . . .		10,741	1,781	10,612	1,100	10,684	309	6,034	27	10,741	344	3.6
East North Central . . . . .		13,306	2,045	13,066	1,261	13,273	343	8,411	42	13,306	399	3.9
West North Central . . . . .		5,433	762	5,365	450	5,433	123	4,478	30	5,433	158	4.1
South Atlantic . . . . .		13,403	1,195	13,183	443	13,380	198	11,001	158	13,403	396	4.6
East South Central . . . . .		5,436	528	5,271	216	5,436	94	4,389	55	5,436	163	9.2
West South Central . . . . .		7,896	880	7,896	315	7,896	157	6,740	131	7,896	277	6.3
Mountain . . . . .		4,167	493	4,138	261	4,164	102	1,537	16	4,167	114	9.5
Pacific . . . . .		10,670	1,017	10,080	408	10,558	251	3,969	29	10,670	329	5.3
Type of Home												
Mobile Home . . . . .		5,212	407	5,171	210	5,212	68	3,025	23	5,212	107	12.1
Single-Family												
Detached . . . . .		58,363	6,613	57,080	3,483	58,155	1,095	38,062	356	58,363	1,680	2.3
Single-Family												
Attached . . . . .		6,001	524	5,922	274	5,982	94	4,109	28	6,001	127	11.0
2 to 4 Units . . . . .		3,644	945	3,583	550	3,640	196	2,097	29	3,644	169	8.5
5 or More Units . . . . .		993	729	986	272	983	215	633	56	993	186	8.0
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		10,356	741	9,900	359	10,295	143	5,324	34	10,356	205	6.2
1,001 to 2,000 . . . . .		27,736	2,679	27,190	1,304	27,679	495	18,120	157	27,736	723	3.6
2,001 to 5,000 . . . . .		33,448	4,644	32,994	2,566	33,335	773	22,684	230	33,448	1,075	3.1
5,001 to 10,000 . . . . .		2,263	677	2,248	362	2,254	132	1,473	34	2,263	149	10.8
10,001 to 25,000 . . . . .		339	213	338	88	339	53	275	19	339	53	18.0
25,001 to 50,000 . . . . .		34	76	33	28	33	25	22	4	34	18	19.8
50,001 to 100,000 . . . . .		29	100	29	40	29	25	23	8	29	26	22.3
100,001 to 200,000 . . . . .		7	51	7	24	7	14	4	4	7	10	34.8
Over 200,000 . . . . .		2	36	2	19	2	9	2	2	2	8	26.2
Year Constructed												
1939 or Before . . . . .		16,760	2,569	16,417	1,625	16,686	421	8,250	41	16,760	482	5.2
1940 to 1949 . . . . .		6,069	740	5,971	428	6,069	125	3,388	23	6,069	163	6.9
1950 to 1959 . . . . .		11,883	1,465	11,605	791	11,840	261	7,559	60	11,883	353	5.0
1960 to 1969 . . . . .		11,356	1,412	11,174	687	11,340	260	8,006	91	11,356	375	6.7
1970 to 1979 . . . . .		15,329	1,825	15,143	792	15,287	361	10,984	152	15,329	520	5.1
1980 to 1990 . . . . .		12,815	1,206	12,431	467	12,750	239	9,740	124	12,815	376	7.6

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 1990 Residential Energy Consumption Survey.

**Table R15B.90p. Total Primary Consumption and Floorspace by End Use in Residential Buildings, 1990**

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)	
	1.0	0.9	1.0	NF	1.0	NF	1.3	NF	1.0	NF	
RSE Column Factors:	1.0	0.9	1.0	NF	1.0	NF	1.3	NF	1.0	NF	
All Buildings . . . . .	169,227	15,368	166,724	5,404	168,675	2,356	113,372	1,467	169,227	6,141	1.8
Census Region											
Northeast . . . . .	40,345	3,246	39,930	1,518	40,099	492	22,045	94	40,345	1,141	3.7
Midwest . . . . .	46,939	4,153	46,149	1,829	46,833	619	33,601	217	46,939	1,489	3.1
South . . . . .	52,440	5,364	51,902	1,229	52,411	770	45,436	1,028	52,440	2,337	3.4
West . . . . .	29,503	2,605	28,743	828	29,332	475	12,289	128	29,503	1,174	3.8
Census Division											
New England . . . . .	9,294	728	9,190	357	9,245	116	4,333	13	9,294	243	6.8
Middle Atlantic . . . . .	31,051	2,517	30,740	1,161	30,854	376	17,712	81	31,051	899	4.5
East North Central . . . . .	33,757	2,997	33,091	1,350	33,652	463	22,411	128	33,757	1,056	4.3
West North Central . . . . .	13,181	1,157	13,058	479	13,181	156	11,190	89	13,181	433	4.2
South Atlantic . . . . .	26,612	2,560	26,322	575	26,584	388	22,622	472	26,612	1,125	4.8
East South Central . . . . .	10,770	1,090	10,524	284	10,770	174	9,207	165	10,770	466	15.6
West South Central . . . . .	15,057	1,714	15,057	369	15,057	208	13,608	391	15,057	747	6.4
Mountain . . . . .	7,818	781	7,755	286	7,809	130	3,101	47	7,818	318	10.3
Pacific . . . . .	21,685	1,824	20,987	541	21,523	345	9,188	81	21,685	856	4.9
Type of Home											
Mobile Home . . . . .	4,895	735	4,861	252	4,895	131	2,907	68	4,895	283	12.6
Single-Family											
Detached . . . . .	130,855	11,071	128,635	3,878	130,446	1,552	88,666	1,066	130,855	4,575	2.8
Single-Family											
Attached . . . . .	10,014	906	9,951	333	9,960	138	6,792	86	10,014	350	11.7
2 to 4 Units . . . . .	11,784	1,352	11,675	595	11,775	241	6,877	86	11,784	431	8.5
5 or More Units . . . . .	11,679	1,304	11,602	346	11,600	293	8,129	161	11,679	503	7.7
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	8,297	1,331	7,950	429	8,256	247	4,425	103	8,297	551	6.5
1,001 to 2,000 . . . . .	41,190	4,636	40,445	1,501	41,110	712	27,049	469	41,190	1,955	3.6
2,001 to 5,000 . . . . .	96,277	7,508	95,008	2,831	95,922	1,054	65,689	691	96,277	2,932	3.4
5,001 to 10,000 . . . . .	14,465	1,065	14,358	402	14,415	177	9,427	99	14,465	387	10.7
10,001 to 25,000 . . . . .	4,441	385	4,419	105	4,441	75	3,501	58	4,441	146	17.0
25,001 to 50,000 . . . . .	1,135	126	1,123	34	1,115	29	740	12	1,135	50	18.9
50,001 to 100,000 . . . . .	1,930	188	1,930	56	1,923	37	1,544	22	1,930	73	23.0
100,001 to 200,000 . . . . .	820	77	820	25	820	16	540	9	820	27	34.0
Over 200,000 . . . . .	673	53	673	19	673	9	456	5	673	20	24.3
Year Constructed											
1939 or Before . . . . .	40,769	3,607	39,983	1,694	40,615	528	20,418	123	40,769	1,263	5.2
1940 to 1949 . . . . .	11,592	1,129	11,436	457	11,579	171	6,799	71	11,592	430	7.0
1950 to 1959 . . . . .	24,694	2,297	24,247	852	24,568	329	16,593	180	24,694	936	5.9
1960 to 1969 . . . . .	26,191	2,386	25,851	766	26,151	353	18,777	272	26,191	996	6.5
1970 to 1979 . . . . .	36,274	3,495	35,965	1,012	36,104	568	27,117	452	36,274	1,461	5.2
1980 to 1990 . . . . .	29,708	2,454	29,242	622	29,659	406	23,667	369	29,708	1,056	7.5

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 1990 Residential Energy Consumption Survey.

**Table R15B.90s. Total Site Consumption and Floorspace by End Use in Residential Buildings, 1990**

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)	
	1.0	0.9	1.0	NF	1.0	NF	1.3	NF	1.0	NF	
RSE Column Factors:	1.0	0.9	1.0	NF	1.0	NF	1.3	NF	1.0	NF	
All Buildings . . . . .	169,227	9,218	166,724	4,790	168,675	1,668	113,372	491	169,227	2,269	1.8
Census Region											
Northeast . . . . .	40,345	2,298	39,930	1,435	40,099	399	22,045	31	40,345	433	3.7
Midwest . . . . .	46,939	2,807	46,149	1,711	46,833	466	33,601	72	46,939	558	3.1
South . . . . .	52,440	2,602	51,902	975	52,411	449	45,436	343	52,440	835	3.8
West . . . . .	29,503	1,510	28,743	669	29,332	354	12,289	45	29,503	443	3.8
Census Division											
New England . . . . .	9,294	518	9,190	335	9,245	89	4,333	4	9,294	89	6.8
Middle Atlantic . . . . .	31,051	1,781	30,740	1,100	30,854	309	17,712	27	31,051	344	4.5
East North Central . . . . .	33,757	2,045	33,091	1,261	33,652	343	22,411	42	33,757	399	4.3
West North Central . . . . .	13,181	762	13,058	450	13,181	123	11,190	30	13,181	158	4.2
South Atlantic . . . . .	26,612	1,195	26,322	443	26,584	198	22,622	158	26,612	396	4.8
East South Central . . . . .	10,770	528	10,524	216	10,770	94	9,207	55	10,770	163	15.6
West South Central . . . . .	15,057	880	15,057	315	15,057	157	13,608	131	15,057	277	6.4
Mountain . . . . .	7,818	493	7,755	261	7,809	102	3,101	16	7,818	114	10.3
Pacific . . . . .	21,685	1,017	20,987	408	21,523	251	9,188	29	21,685	329	4.9
Type of Home											
Mobile Home . . . . .	4,895	407	4,861	210	4,895	68	2,907	23	4,895	107	12.6
Single-Family											
Detached . . . . .	130,855	6,613	128,635	3,483	130,446	1,095	88,666	356	130,855	1,680	2.8
Single-Family											
Attached . . . . .	10,014	524	9,951	274	9,960	94	6,792	28	10,014	127	11.7
2 to 4 Units . . . . .	11,784	945	11,675	550	11,775	196	6,877	29	11,784	169	8.5
5 or More Units . . . . .	11,679	729	11,602	272	11,600	215	8,129	56	11,679	186	7.7
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	8,297	741	7,950	359	8,256	143	4,425	34	8,297	205	6.5
1,001 to 2,000 . . . . .	41,190	2,679	40,445	1,304	41,110	495	27,049	157	41,190	723	3.6
2,001 to 5,000 . . . . .	96,277	4,644	95,008	2,566	95,922	773	65,689	230	96,277	1,075	3.4
5,001 to 10,000 . . . . .	14,465	677	14,358	362	14,415	132	9,427	34	14,465	149	10.7
10,001 to 25,000 . . . . .	4,441	213	4,419	88	4,441	53	3,501	19	4,441	53	17.0
25,001 to 50,000 . . . . .	1,135	76	1,123	28	1,115	25	740	4	1,135	18	18.9
50,001 to 100,000 . . . . .	1,930	100	1,930	40	1,923	25	1,544	8	1,930	26	23.0
100,001 to 200,000 . . . . .	820	51	820	24	820	14	540	4	820	10	34.0
Over 200,000 . . . . .	673	36	673	19	673	9	456	2	673	8	24.3
Year Constructed											
1939 or Before . . . . .	40,769	2,569	39,983	1,625	40,615	421	20,418	41	40,769	482	5.2
1940 to 1949 . . . . .	11,592	740	11,436	428	11,579	125	6,799	23	11,592	163	7.0
1950 to 1959 . . . . .	24,694	1,465	24,247	791	24,568	261	16,593	60	24,694	353	5.9
1960 to 1969 . . . . .	26,191	1,412	25,851	687	26,151	260	18,777	91	26,191	375	6.5
1970 to 1979 . . . . .	36,274	1,825	35,965	792	36,104	361	27,117	152	36,274	520	5.2
1980 to 1990 . . . . .	29,708	1,206	29,242	467	29,659	239	23,667	124	29,708	376	7.5

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 1990 Residential Energy Consumption Survey.



**Table R16A.90p. Primary Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1990**

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	0.8	1.4	NF	1.6	NF	1.1	NF	0.7	NF	
All Buildings		74,179	9,182	28,554	917	29,083	1,027	47,739	1,457	74,179	5,782	2.1
Census Region												
Northeast		13,903	1,415	3,617	124	3,878	139	7,402	94	13,903	1,058	4.6
Midwest		18,738	2,010	4,501	177	5,951	228	12,846	215	18,738	1,390	4.7
South		26,735	4,123	14,314	380	14,748	478	22,052	1,023	26,735	2,243	3.4
West		14,804	1,634	6,123	237	4,506	182	5,439	124	14,804	1,091	5.5
Census Division												
New England		3,162	315	933	32	1,156	40	1,368	13	3,162	230	6.8
Middle Atlantic		10,741	1,100	2,684	91	2,722	99	6,034	81	10,741	828	5.6
East North Central		13,306	1,420	3,154	134	4,485	179	8,393	128	13,306	980	6.9
West North Central		5,433	589	1,347	43	1,467	49	4,453	88	5,433	410	5.9
South Atlantic		13,403	2,039	8,139	197	9,383	283	10,978	470	13,403	1,089	5.5
East South Central		5,436	839	2,788	102	3,417	120	4,389	165	5,436	452	8.0
West South Central		7,896	1,246	3,387	81	1,947	76	6,685	388	7,896	701	8.8
Mountain		4,167	429	1,439	38	1,065	41	1,523	47	4,167	304	12.0
Pacific		10,637	1,204	4,683	199	3,441	140	3,916	78	10,637	787	7.1
Type of Home												
Mobile Home		5,212	489	1,929	63	3,367	95	3,025	68	5,212	263	13.6
Single-Family												
Detached		58,330	6,654	22,016	590	21,504	683	37,893	1,060	58,330	4,322	2.9
Single-Family												
Attached		6,001	571	2,976	87	2,812	66	4,109	86	6,001	332	14.1
2 to 4 Units		3,644	609	1,140	67	994	67	2,083	85	3,644	390	12.0
5 or More Units		993	858	494	110	406	117	630	158	993	474	10.5
Building Floorspace (square feet)												
Fewer than 1,001		10,323	881	4,019	106	5,639	156	5,324	103	10,323	516	7.5
1,001 to 2,000		27,736	2,921	11,219	294	10,904	323	18,071	466	27,736	1,838	4.8
2,001 to 5,000		33,448	4,275	12,301	396	11,774	420	22,549	687	33,448	2,773	3.9
5,001 to 10,000		2,263	579	817	59	635	67	1,469	97	2,263	355	11.8
10,001 to 25,000		339	257	165	26	110	34	275	58	339	139	21.2
25,001 to 50,000		34	74	16	8	8	7	22	12	34	47	23.7
50,001 to 100,000		29	132	16	Q	12	17	23	22	29	70	30.2
100,001 to 200,000		7	39	2	3	1	3	4	9	7	25	36.5
Over 200,000		2	24	Q	Q	Q	Q	2	5	2	18	35.7
Year Constructed												
1939 or Before		16,760	1,550	4,763	102	4,942	160	8,234	122	16,760	1,166	6.2
1940 to 1949		6,069	581	1,849	43	2,129	68	3,388	71	6,069	398	8.4
1950 to 1959		11,883	1,242	3,938	92	3,322	102	7,540	179	11,883	870	6.0
1960 to 1969		11,356	1,454	3,564	118	3,842	139	7,947	270	11,356	927	7.4
1970 to 1979		15,329	2,492	7,837	330	7,589	309	10,944	448	15,329	1,405	6.3
1980 to 1990		12,782	1,863	6,604	232	7,258	249	9,687	366	12,782	1,016	8.3

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 1990 Residential Energy Consumption Survey.

**Table R16A.90s. Site Electricity Consumption and Number of Buildings by End Use in Residential Buildings, 1990**

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	0.8	1.4	NF	1.6	NF	1.1	NF	0.7	NF	
All Buildings . . . . .		74,179	3,031	28,554	303	29,083	339	47,739	481	74,179	1,909	2.1
Census Region												
Northeast . . . . .		13,903	467	3,617	41	3,878	46	7,402	31	13,903	349	4.6
Midwest . . . . .		18,738	664	4,501	58	5,951	75	12,846	71	18,738	459	4.7
South . . . . .		26,735	1,361	14,314	125	14,748	158	22,052	338	26,735	741	3.4
West . . . . .		14,804	539	6,123	78	4,506	60	5,439	41	14,804	360	5.5
Census Division												
New England . . . . .		3,162	104	933	11	1,156	13	1,368	4	3,162	76	6.8
Middle Atlantic . . . . .		10,741	363	2,684	30	2,722	33	6,034	27	10,741	273	5.6
East North Central . . . . .		13,306	469	3,154	44	4,485	59	8,393	42	13,306	323	6.9
West North Central . . . . .		5,433	195	1,347	14	1,467	16	4,453	29	5,433	135	5.9
South Atlantic . . . . .		13,403	673	8,139	65	9,383	93	10,978	155	13,403	360	5.5
East South Central . . . . .		5,436	277	2,788	34	3,417	39	4,389	55	5,436	149	8.0
West South Central . . . . .		7,896	411	3,387	27	1,947	25	6,685	128	7,896	232	8.8
Mountain . . . . .		4,167	142	1,439	12	1,065	14	1,523	15	4,167	100	12.0
Pacific . . . . .		10,637	398	4,683	66	3,441	46	3,916	26	10,637	260	7.1
Type of Home												
Mobile Home . . . . .		5,212	162	1,929	21	3,367	31	3,025	23	5,212	87	13.6
Single-Family												
Detached . . . . .		58,330	2,197	22,016	195	21,504	225	37,893	350	58,330	1,427	2.9
Single-Family												
Attached . . . . .		6,001	189	2,976	29	2,812	22	4,109	28	6,001	110	14.1
2 to 4 Units . . . . .		3,644	201	1,140	22	994	22	2,083	28	3,644	129	12.0
5 or More Units . . . . .		993	283	494	36	406	39	630	52	993	156	10.5
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		10,323	291	4,019	35	5,639	52	5,324	34	10,323	170	7.5
1,001 to 2,000 . . . . .		27,736	965	11,219	97	10,904	107	18,071	154	27,736	607	4.8
2,001 to 5,000 . . . . .		33,448	1,411	12,301	131	11,774	139	22,549	227	33,448	915	3.9
5,001 to 10,000 . . . . .		2,263	191	817	20	635	22	1,469	32	2,263	117	11.8
10,001 to 25,000 . . . . .		339	85	165	9	110	11	275	19	339	46	21.2
25,001 to 50,000 . . . . .		34	24	16	3	8	2	22	4	34	16	23.7
50,001 to 100,000 . . . . .		29	44	16	Q	12	5	23	7	29	23	30.2
100,001 to 200,000 . . . . .		7	13	2	1	1	1	4	3	7	8	36.5
Over 200,000 . . . . .		2	8	Q	Q	Q	Q	2	2	2	6	35.7
Year Constructed												
1939 or Before . . . . .		16,760	512	4,763	34	4,942	53	8,234	40	16,760	385	6.2
1940 to 1949 . . . . .		6,069	192	1,849	14	2,129	23	3,388	23	6,069	131	8.4
1950 to 1959 . . . . .		11,883	410	3,938	30	3,322	34	7,540	59	11,883	287	6.0
1960 to 1969 . . . . .		11,356	480	3,564	39	3,842	46	7,947	89	11,356	306	7.4
1970 to 1979 . . . . .		15,329	823	7,837	109	7,589	102	10,944	148	15,329	464	6.3
1980 to 1990 . . . . .		12,782	615	6,604	76	7,258	82	9,687	121	12,782	335	8.3

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 1990 Residential Energy Consumption Survey.

**Table R16B.90p. Primary Electricity Consumption and Floorspace by End Use in Residential Buildings, 1990**

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:		0.8	0.8	1.3	NF	1.5	NF	1.1	NF	0.8	NF	
All Buildings . . . . .		169,204	9,182	64,187	917	60,721	1,027	112,908	1,457	169,204	5,782	2.4
Census Region												
Northeast . . . . .		40,345	1,415	11,015	124	10,094	139	22,045	94	40,345	1,058	5.1
Midwest . . . . .		46,939	2,010	11,263	177	13,902	228	33,478	215	46,939	1,390	5.3
South . . . . .		52,440	4,123	29,603	380	28,126	478	45,251	1,023	52,440	2,243	4.0
West . . . . .		29,481	1,634	12,306	237	8,600	182	12,134	124	29,481	1,091	5.3
Census Division												
New England . . . . .		9,294	315	3,010	32	3,235	40	4,333	13	9,294	230	7.6
Middle Atlantic . . . . .		31,051	1,100	8,005	91	6,858	99	17,712	81	31,051	828	6.1
East North Central . . . . .		33,757	1,420	8,024	134	10,449	179	22,365	128	33,757	980	7.3
West North Central . . . . .		13,181	589	3,239	43	3,452	49	11,114	88	13,181	410	5.8
South Atlantic . . . . .		26,612	2,039	16,766	197	17,423	283	22,538	470	26,612	1,089	5.5
East South Central . . . . .		10,770	839	5,399	102	6,204	120	9,207	165	10,770	452	12.7
West South Central . . . . .		15,057	1,246	7,438	81	4,499	76	13,506	388	15,057	701	8.8
Mountain . . . . .		7,818	429	2,712	38	2,068	41	3,082	47	7,818	304	13.4
Pacific . . . . .		21,663	1,204	9,594	199	6,531	140	9,051	78	21,663	787	6.4
Type of Home												
Mobile Home . . . . .		4,895	489	1,889	63	3,127	95	2,907	68	4,895	263	14.2
Single-Family												
Detached . . . . .		130,833	6,654	48,840	590	46,034	683	88,276	1,060	130,833	4,322	3.5
Single-Family												
Attached . . . . .		10,014	571	4,368	87	4,171	66	6,792	86	10,014	332	14.6
2 to 4 Units . . . . .		11,784	609	3,485	67	2,907	67	6,858	85	11,784	390	12.3
5 or More Units . . . . .		11,679	858	5,605	110	4,481	117	8,075	158	11,679	474	10.2
Building Floorspace (square feet)												
Fewer than 1,001 . . . . .		8,275	881	3,253	106	4,562	156	4,425	103	8,275	516	7.7
1,001 to 2,000 . . . . .		41,190	2,921	16,783	294	15,726	323	26,976	466	41,190	1,838	4.8
2,001 to 5,000 . . . . .		96,277	4,275	34,661	396	33,421	420	65,353	687	96,277	2,773	4.1
5,001 to 10,000 . . . . .		14,465	579	5,427	59	4,256	67	9,408	97	14,465	355	11.6
10,001 to 25,000 . . . . .		4,441	257	2,183	26	1,470	34	3,501	58	4,441	139	20.2
25,001 to 50,000 . . . . .		1,135	74	538	8	289	7	732	12	1,135	47	23.1
50,001 to 100,000 . . . . .		1,930	132	1,065	Q	Q	17	1,538	22	1,930	70	30.8
100,001 to 200,000 . . . . .		820	39	186	3	123	3	519	9	820	25	35.1
Over 200,000 . . . . .		673	24	Q	Q	Q	Q	456	5	673	18	32.6
Year Constructed												
1939 or Before . . . . .		40,769	1,550	11,481	102	11,015	160	20,372	122	40,769	1,166	6.3
1940 to 1949 . . . . .		11,592	581	3,582	43	3,716	68	6,799	71	11,592	398	8.6
1950 to 1959 . . . . .		24,694	1,242	7,728	92	6,196	102	16,570	179	24,694	870	6.7
1960 to 1969 . . . . .		26,191	1,454	8,397	118	8,221	139	18,634	270	26,191	927	7.2
1970 to 1979 . . . . .		36,274	2,492	18,610	330	16,872	309	27,001	448	36,274	1,405	6.5
1980 to 1990 . . . . .		29,685	1,863	14,389	232	14,701	249	23,531	366	29,685	1,016	7.8

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 1990 Residential Energy Consumption Survey.

**Table R16B.90s. Site Electricity Consumption and Floorspace by End Use in Residential Buildings, 1990**

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)	
	0.8	0.8	1.3	NF	1.5	NF	1.1	NF	0.8	NF	
RSE Column Factors:	0.8	0.8	1.3	NF	1.5	NF	1.1	NF	0.8	NF	
All Buildings . . . . .	169,204	3,031	64,187	303	60,721	339	112,908	481	169,204	1,909	2.4
Census Region											
Northeast . . . . .	40,345	467	11,015	41	10,094	46	22,045	31	40,345	349	5.1
Midwest . . . . .	46,939	664	11,263	58	13,902	75	33,478	71	46,939	459	5.3
South . . . . .	52,440	1,361	29,603	125	28,126	158	45,251	338	52,440	741	4.0
West . . . . .	29,481	539	12,306	78	8,600	60	12,134	41	29,481	360	5.3
Census Division											
New England . . . . .	9,294	104	3,010	11	3,235	13	4,333	4	9,294	76	7.6
Middle Atlantic . . . . .	31,051	363	8,005	30	6,858	33	17,712	27	31,051	273	6.1
East North Central . . . . .	33,757	469	8,024	44	10,449	59	22,365	42	33,757	323	7.3
West North Central . . . . .	13,181	195	3,239	14	3,452	16	11,114	29	13,181	135	5.8
South Atlantic . . . . .	26,612	673	16,766	65	17,423	93	22,538	155	26,612	360	5.5
East South Central . . . . .	10,770	277	5,399	34	6,204	39	9,207	55	10,770	149	12.7
West South Central . . . . .	15,057	411	7,438	27	4,499	25	13,506	128	15,057	232	8.8
Mountain . . . . .	7,818	142	2,712	12	2,068	14	3,082	15	7,818	100	13.4
Pacific . . . . .	21,663	398	9,594	66	6,531	46	9,051	26	21,663	260	6.4
Type of Home											
Mobile Home . . . . .	4,895	162	1,889	21	3,127	31	2,907	23	4,895	87	14.2
Single-Family											
Detached . . . . .	130,833	2,197	48,840	195	46,034	225	88,276	350	130,833	1,427	3.5
Single-Family											
Attached . . . . .	10,014	189	4,368	29	4,171	22	6,792	28	10,014	110	14.6
2 to 4 Units . . . . .	11,784	201	3,485	22	2,907	22	6,858	28	11,784	129	12.3
5 or More Units . . . . .	11,679	283	5,605	36	4,481	39	8,075	52	11,679	156	10.2
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	8,275	291	3,253	35	4,562	52	4,425	34	8,275	170	7.7
1,001 to 2,000 . . . . .	41,190	965	16,783	97	15,726	107	26,976	154	41,190	607	4.8
2,001 to 5,000 . . . . .	96,277	1,411	34,661	131	33,421	139	65,353	227	96,277	915	4.1
5,001 to 10,000 . . . . .	14,465	191	5,427	20	4,256	22	9,408	32	14,465	117	11.6
10,001 to 25,000 . . . . .	4,441	85	2,183	9	1,470	11	3,501	19	4,441	46	20.2
25,001 to 50,000 . . . . .	1,135	24	538	3	289	2	732	4	1,135	16	23.1
50,001 to 100,000 . . . . .	1,930	44	1,065	Q	Q	5	1,538	7	1,930	23	30.8
100,001 to 200,000 . . . . .	820	13	186	1	123	1	519	3	820	8	35.1
Over 200,000 . . . . .	673	8	Q	Q	Q	Q	456	2	673	6	32.6
Year Constructed											
1939 or Before . . . . .	40,769	512	11,481	34	11,015	53	20,372	40	40,769	385	6.3
1940 to 1949 . . . . .	11,592	192	3,582	14	3,716	23	6,799	23	11,592	131	8.6
1950 to 1959 . . . . .	24,694	410	7,728	30	6,196	34	16,570	59	24,694	287	6.7
1960 to 1969 . . . . .	26,191	480	8,397	39	8,221	46	18,634	89	26,191	306	7.2
1970 to 1979 . . . . .	36,274	823	18,610	109	16,872	102	27,001	148	36,274	464	6.5
1980 to 1990 . . . . .	29,685	615	14,389	76	14,701	82	23,531	121	29,685	335	7.8

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 1990 Residential Energy Consumption Survey.

**Table R17A.90. Natural Gas Consumption and Number of Buildings by End Use in Residential Buildings, 1990**

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	44,829	4,863	42,506	3,367	39,407	1,160	31,593	326	3.6
Census Region									
Northeast	7,714	1,033	6,404	716	6,762	240	6,208	78	8.8
Midwest	13,632	1,881	13,505	1,427	11,771	365	9,302	89	6.1
South	13,172	1,030	12,639	673	11,020	270	8,839	81	8.7
West	10,312	918	9,958	551	9,853	286	7,244	78	5.4
Census Division									
New England	1,074	156	764	99	914	47	820	10	18.0
Middle Atlantic	6,640	878	5,641	617	5,848	193	5,388	68	10.0
East North Central	9,607	1,388	9,512	1,051	8,206	268	6,789	69	7.9
West North Central	4,025	494	3,993	376	3,565	97	2,513	20	7.9
South Atlantic	4,545	373	4,128	250	3,630	93	3,046	28	17.4
East South Central	2,461	209	2,461	146	1,840	52	1,325	11	22.1
West South Central	6,165	448	6,050	277	5,550	125	4,467	43	9.0
Mountain	3,276	334	3,206	234	3,011	86	1,727	13	12.7
Pacific	7,036	585	6,751	317	6,842	200	5,517	65	5.9
Type of Home									
Mobile Home	2,004	153	1,994	110	1,463	31	1,840	13	18.9
Single-Family									
Detached	36,202	3,453	34,767	2,461	32,116	759	25,102	228	4.4
Single-Family									
Attached	3,319	276	2,896	193	2,913	66	2,169	17	11.7
2 to 4 Units	2,700	621	2,351	424	2,397	158	2,097	39	9.2
5 or More Units	604	360	499	180	520	148	384	29	9.2
Building Floorspace (square feet)									
Fewer than 1,001	4,957	323	4,616	221	3,864	77	3,902	25	8.2
1,001 to 2,000	17,117	1,418	16,486	958	15,173	353	12,373	104	5.3
2,001 to 5,000	20,863	2,501	19,744	1,799	18,697	549	13,977	149	5.2
5,001 to 10,000	1,607	388	1,428	257	1,425	97	1,163	31	15.0
10,001 to 25,000	237	118	201	71	214	40	152	7	23.5
25,001 to 50,000	25	38	17	18	19	17	11	3	26.5
50,001 to 100,000	16	36	Q	21	10	11	10	3	21.5
100,001 to 200,000	5	25	3	13	3	9	Q	2	44.8
Over 200,000	2	17	1	Q	1	6	2	2	35.0
Year Constructed									
1939 or Before	11,758	1,565	10,768	1,159	10,284	317	8,560	89	6.5
1940 to 1949	4,347	445	4,188	328	3,580	90	3,123	27	8.7
1950 to 1959	8,194	810	7,748	558	7,341	189	6,037	63	6.5
1960 to 1969	7,636	774	7,392	511	6,929	197	5,578	65	8.8
1970 to 1979	7,656	781	7,319	497	6,818	230	4,875	49	7.2
1980 to 1990	5,239	488	5,090	314	4,456	138	3,420	33	13.2

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 1990 Residential Energy Consumption Survey.

**Table R17B.90. Natural Gas Consumption and Floorspace by End Use in Residential Buildings, 1990**

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	0.9	1.0	NF	1.0	NF	1.1	NF	
All Buildings . . . . .	106,320	4,863	98,688	3,367	93,679	1,160	73,071	326	4.1
Census Region									
Northeast . . . . .	23,591	1,033	18,532	716	19,580	240	18,523	78	10.0
Midwest . . . . .	34,701	1,881	34,405	1,427	30,736	365	23,510	89	6.5
South . . . . .	26,626	1,030	25,342	673	22,873	270	17,142	81	10.3
West . . . . .	21,402	918	20,409	551	20,490	286	13,897	78	6.1
Census Division									
New England . . . . .	3,460	156	2,462	99	2,955	47	2,489	10	14.9
Middle Atlantic . . . . .	20,131	878	16,071	617	16,625	193	16,033	68	11.5
East North Central . . . . .	24,720	1,388	24,511	1,051	21,879	268	17,515	69	8.4
West North Central . . . . .	9,981	494	9,894	376	8,857	97	5,995	20	7.0
South Atlantic . . . . .	9,917	373	8,983	250	8,514	93	6,631	28	18.6
East South Central . . . . .	5,547	209	5,537	146	4,335	52	3,049	11	29.9
West South Central . . . . .	11,162	448	10,822	277	10,024	125	7,462	43	10.5
Mountain . . . . .	6,000	334	5,928	234	5,545	86	2,581	13	12.8
Pacific . . . . .	15,401	585	14,481	317	14,945	200	11,316	65	6.8
Type of Home									
Mobile Home . . . . .	1,954	153	1,945	110	1,455	31	1,768	13	19.9
Single-Family Detached . . . . .	81,943	3,453	78,400	2,461	73,354	759	55,817	228	5.2
Single-Family Attached . . . . .	6,014	276	5,315	193	5,234	66	3,896	17	12.8
2 to 4 Units . . . . .	9,034	621	7,683	424	7,897	158	7,128	39	8.9
5 or More Units . . . . .	7,375	360	5,345	180	5,739	148	4,462	29	9.3
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	4,016	323	3,746	221	3,139	77	3,126	25	8.7
1,001 to 2,000 . . . . .	25,748	1,418	24,839	958	22,977	353	18,600	104	5.3
2,001 to 5,000 . . . . .	60,127	2,501	56,666	1,799	53,713	549	40,106	149	5.6
5,001 to 10,000 . . . . .	10,140	388	8,976	257	8,959	97	7,269	31	14.8
10,001 to 25,000 . . . . .	3,080	118	2,536	71	2,779	40	1,930	7	21.9
25,001 to 50,000 . . . . .	825	38	545	18	641	17	344	3	25.7
50,001 to 100,000 . . . . .	1,075	36	643	21	670	11	693	3	25.2
100,001 to 200,000 . . . . .	697	25	402	13	412	9	Q	2	42.7
Over 200,000 . . . . .	613	17	335	Q	389	6	559	2	34.2
Year Constructed									
1939 or Before . . . . .	29,493	1,565	25,951	1,159	25,241	317	22,157	89	6.5
1940 to 1949 . . . . .	8,734	445	8,260	328	7,131	90	6,379	27	9.1
1950 to 1959 . . . . .	17,596	810	16,568	558	15,537	189	12,830	63	7.2
1960 to 1969 . . . . .	17,918	774	17,089	511	16,470	197	12,416	65	8.8
1970 to 1979 . . . . .	18,351	781	17,105	497	16,677	230	10,179	49	8.0
1980 to 1990 . . . . .	14,227	488	13,714	314	12,624	138	9,110	33	13.7

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 1990 Residential Energy Consumption Survey.

**Table R18A.90. Fuel Oil Consumption and Number of Buildings by End Use in Residential Buildings, 1990**

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	Buildings (thousand)	Consumption (trillion Btu)	Buildings (thousand)	Consumption (trillion Btu)	Buildings (thousand)	Consumption (trillion Btu)	
	RSE Column Factors:	0.9	0.9	0.9	NF	1.2	
All Buildings	9,151	976	9,118	866	3,278	110	7.3
Census Region							
Northeast	5,636	757	5,616	650	3,147	107	8.0
Midwest	1,500	121	1,497	120	Q	1	20.3
South	1,616	79	1,615	77	Q	Q	19.7
West	Q	Q	Q	Q	Q	Q	0.0
Census Division							
New England	1,907	244	1,900	217	994	26	6.2
Middle Atlantic	3,728	513	3,716	432	2,154	81	11.6
East North Central	1,223	93	1,223	93	Q	1	24.1
West North Central	277	28	274	28	Q	1	34.5
South Atlantic	1,463	73	1,463	71	Q	Q	20.7
East South Central	Q	Q	Q	Q	*	*	0.0
West South Central	*	*	*	*	*	*	0.0
Mountain	Q	Q	Q	Q	*	*	0.0
Pacific	Q	Q	Q	Q	Q	Q	0.0
Type of Home							
Mobile Home	359	18	359	18	*	*	45.7
Single-Family							
Detached	7,519	703	7,508	642	2,644	61	8.3
Single-Family							
Attached	716	57	716	51	344	6	23.7
2 to 4 Units	479	114	460	100	221	14	14.3
5 or More Units	78	84	74	55	68	28	23.7
Building Floorspace (square feet)							
Fewer than 1,001	743	38	724	35	Q	Q	22.8
1,001 to 2,000	2,187	159	2,184	145	582	14	13.3
2,001 to 5,000	5,766	621	5,759	561	2,348	60	10.5
5,001 to 10,000	414	90	414	80	216	10	14.1
10,001 to 25,000	Q	Q	Q	Q	Q	Q	0.0
25,001 to 50,000	Q	Q	Q	Q	Q	6	0.0
50,001 to 100,000	7	20	Q	Q	7	9	22.4
100,001 to 200,000	Q	14	Q	Q	Q	4	48.7
Over 200,000	1	12	1	9	1	2	10.6
Year Constructed							
1939 or Before	3,258	399	3,254	364	1,009	36	14.1
1940 to 1949	804	73	801	67	177	6	19.0
1950 to 1959	2,041	208	2,018	175	920	33	15.8
1960 to 1969	1,454	132	1,450	118	490	14	12.2
1970 to 1979	1,246	137	1,246	119	519	18	17.2
1980 to 1990	349	26	349	23	162	4	23.0

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 1990 Residential Energy Consumption Survey.

**Table R18B.90. Fuel Oil Consumption and Floorspace by End Use in Residential Buildings, 1990**

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Floorspace (million sq.ft.)	Consumption (trillion Btu)	Floorspace (million sq.ft.)	Consumption (trillion Btu)	
	RSE Column Factors:	1.0	0.9	1.0	NF	1.2	
All Buildings . . . . .	25,386	976	25,169	866	11,248	110	7.3
Census Region							
Northeast . . . . .	17,581	757	17,412	650	10,893	107	7.7
Midwest . . . . .	3,842	121	3,839	120	Q	1	22.8
South . . . . .	2,978	79	2,943	77	Q	Q	22.7
West . . . . .	Q	Q	Q	Q	Q	Q	0.0
Census Division							
New England . . . . .	5,604	244	5,584	217	3,044	26	7.2
Middle Atlantic . . . . .	11,977	513	11,828	432	7,850	81	10.8
East North Central . . . . .	3,024	93	3,024	93	Q	1	27.8
West North Central . . . . .	818	28	815	28	Q	1	35.1
South Atlantic . . . . .	2,670	73	2,635	71	Q	Q	24.3
East South Central . . . . .	Q	Q	Q	Q	*	*	0.0
West South Central . . . . .	*	*	*	*	*	*	0.0
Mountain . . . . .	Q	Q	Q	Q	*	*	0.0
Pacific . . . . .	Q	Q	Q	Q	Q	Q	0.0
Type of Home							
Mobile Home . . . . .	286	18	286	18	*	*	41.8
Single-Family							
Detached . . . . .	20,069	703	20,059	642	8,043	61	9.0
Single-Family							
Attached . . . . .	1,448	57	1,448	51	831	6	32.3
2 to 4 Units . . . . .	1,809	114	1,784	100	818	14	14.2
5 or More Units . . . . .	1,774	84	1,592	55	1,556	28	14.7
Building Floorspace (square feet)							
Fewer than 1,001 . . . . .	578	38	567	35	Q	Q	21.2
1,001 to 2,000 . . . . .	3,301	159	3,298	145	911	14	13.1
2,001 to 5,000 . . . . .	17,123	621	17,103	561	7,457	60	10.9
5,001 to 10,000 . . . . .	2,676	90	2,676	80	1,384	10	14.0
10,001 to 25,000 . . . . .	Q	Q	Q	Q	Q	Q	0.0
25,001 to 50,000 . . . . .	245	Q	Q	Q	228	6	45.3
50,001 to 100,000 . . . . .	490	20	Q	Q	474	9	23.0
100,001 to 200,000 . . . . .	Q	14	Q	Q	Q	4	49.4
Over 200,000 . . . . .	325	12	325	9	243	2	10.7
Year Constructed							
1939 or Before . . . . .	9,777	399	9,769	364	3,622	36	12.9
1940 to 1949 . . . . .	1,802	73	1,799	67	574	6	17.5
1950 to 1959 . . . . .	4,974	208	4,816	175	2,737	33	17.1
1960 to 1969 . . . . .	3,716	132	3,704	118	1,543	14	12.3
1970 to 1979 . . . . .	4,187	137	4,151	119	2,298	18	17.6
1980 to 1990 . . . . .	931	26	931	23	475	4	23.4

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 1990 Residential Energy Consumption Survey.



**Table R19.90. Total Expenditures (1987 and 1990 Dollars) for All End Uses by Energy Source in Residential Buildings, 1990 (Million Dollars)**

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	RSE Column Factors:	0.6	0.6	0.8	0.8	1.1	1.1	1.9	
All Buildings . . . . .	96,994	110,185	62,972	71,537	23,998	27,261	6,718	7,631	2.4
Census Region									
Northeast . . . . .	24,891	28,276	12,807	14,549	6,447	7,324	5,212	5,921	4.3
Midwest . . . . .	23,670	26,889	13,526	15,366	8,125	9,230	819	931	4.8
South . . . . .	32,724	37,174	25,636	29,123	5,201	5,909	557	633	6.0
West . . . . .	15,709	17,845	11,003	12,499	4,224	4,798	Q	Q	4.8
Census Division									
New England . . . . .	5,630	6,396	2,708	3,077	1,066	1,211	1,688	1,917	7.3
Middle Atlantic . . . . .	19,261	21,881	10,099	11,472	5,382	6,113	3,525	4,004	5.5
East North Central . . . . .	17,233	19,577	9,679	10,995	6,075	6,901	635	721	6.3
West North Central . . . . .	6,437	7,312	3,847	4,371	2,050	2,329	184	209	7.4
South Atlantic . . . . .	16,960	19,267	13,420	15,245	2,234	2,538	519	589	9.2
East South Central . . . . .	5,516	6,266	4,238	4,814	879	998	Q	Q	11.2
West South Central . . . . .	10,248	11,641	7,978	9,063	2,089	2,373	*	*	8.4
Mountain . . . . .	4,274	4,855	2,748	3,121	1,382	1,570	Q	Q	11.3
Pacific . . . . .	11,435	12,990	8,255	9,377	2,842	3,228	Q	Q	6.5
Type of Home									
Mobile Home . . . . .	4,640	5,271	3,079	3,497	718	815	129	147	18.9
Single-Family Detached . . . . .	68,863	78,228	44,924	51,033	16,545	18,795	4,929	5,599	3.7
Single-Family Attached . . . . .	5,966	6,778	4,061	4,613	1,479	1,680	407	462	13.3
2 to 4 Units . . . . .	8,933	10,148	4,686	5,323	3,342	3,797	815	926	11.3
5 or More Units . . . . .	8,591	9,760	6,223	7,069	1,914	2,175	438	498	10.7
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	8,406	9,550	5,716	6,493	1,564	1,777	278	316	9.6
1,001 to 2,000 . . . . .	28,950	32,887	19,487	22,137	6,954	7,900	1,127	1,280	5.7
2,001 to 5,000 . . . . .	47,297	53,729	29,686	33,723	12,284	13,955	4,336	4,926	4.5
5,001 to 10,000 . . . . .	6,793	7,717	4,127	4,688	1,950	2,216	638	725	10.3
10,001 to 25,000 . . . . .	2,507	2,848	1,825	2,073	619	703	Q	Q	21.9
25,001 to 50,000 . . . . .	877	996	606	688	207	235	Q	Q	24.2
50,001 to 100,000 . . . . .	1,270	1,443	972	1,104	202	230	96	109	26.4
100,001 to 200,000 . . . . .	501	569	308	349	126	144	67	76	34.0
Over 200,000 . . . . .	392	446	246	280	90	102	55	62	26.3
Year Constructed									
1939 or Before . . . . .	22,970	26,094	11,466	13,025	7,920	8,998	2,723	3,094	6.1
1940 to 1949 . . . . .	6,988	7,939	3,931	4,465	2,236	2,540	512	582	9.1
1950 to 1959 . . . . .	14,771	16,780	8,932	10,147	4,010	4,555	1,462	1,661	7.0
1960 to 1969 . . . . .	15,056	17,104	10,010	11,371	3,869	4,395	900	1,022	8.2
1970 to 1979 . . . . .	21,577	24,511	16,148	18,344	3,702	4,205	940	1,067	7.6
1980 to 1990 . . . . .	15,631	17,757	12,485	14,183	2,261	2,569	181	206	9.8

\* = 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 1990 Residential Energy Consumption Survey.

**Table R20.90. Total Expenditures (1987 and 1990 Dollars) for Space Heating by Energy Source in Residential Buildings, 1990 (Million Dollars)**

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	30,079	34,170	5,419	6,156	16,362	18,588	5,986	6,800	
Census Region									
Northeast . . . . .	10,048	11,414	958	1,088	4,328	4,917	4,503	5,115	
Midwest . . . . .	8,898	10,109	1,028	1,168	6,172	7,011	810	921	
South . . . . .	7,145	8,117	2,243	2,548	3,385	3,845	545	619	
West . . . . .	3,988	4,530	1,189	1,351	2,478	2,815	Q	Q	
Census Division									
New England . . . . .	2,521	2,863	266	303	666	756	1,505	1,710	
Middle Atlantic . . . . .	7,527	8,551	692	786	3,662	4,160	2,997	3,405	
East North Central . . . . .	6,668	7,575	787	894	4,613	5,240	630	716	
West North Central . . . . .	2,230	2,533	241	274	1,559	1,771	180	205	
South Atlantic . . . . .	3,792	4,308	1,243	1,412	1,478	1,678	507	576	
East South Central . . . . .	1,462	1,661	502	571	618	702	Q	Q	
West South Central . . . . .	1,891	2,148	497	565	1,290	1,465	*	*	
Mountain . . . . .	1,283	1,457	221	251	950	1,079	Q	Q	
Pacific . . . . .	2,705	3,073	968	1,100	1,528	1,735	Q	Q	
Type of Home									
Mobile Home . . . . .	1,546	1,756	335	381	517	588	129	147	
Single-Family									
Detached . . . . .	21,248	24,138	3,398	3,860	11,677	13,265	4,488	5,099	
Single-Family									
Attached . . . . .	1,934	2,197	538	611	1,016	1,155	362	412	
2 to 4 Units . . . . .	3,410	3,874	427	486	2,231	2,534	714	811	
5 or More Units . . . . .	1,940	2,204	720	818	921	1,046	292	332	
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	2,501	2,841	588	667	1,053	1,197	255	289	
1,001 to 2,000 . . . . .	8,370	9,508	1,680	1,909	4,642	5,273	1,028	1,168	
2,001 to 5,000 . . . . .	15,625	17,751	2,357	2,677	8,722	9,909	3,907	4,439	
5,001 to 10,000 . . . . .	2,255	2,562	374	425	1,272	1,444	567	644	
10,001 to 25,000 . . . . .	593	674	176	200	365	414	Q	Q	
25,001 to 50,000 . . . . .	187	212	60	68	89	101	Q	Q	
50,001 to 100,000 . . . . .	324	368	Q	Q	Q	Q	Q	Q	
100,001 to 200,000 . . . . .	127	144	19	21	63	71	Q	Q	
Over 200,000 . . . . .	97	110	Q	Q	45	52	44	49	
Year Constructed									
1939 or Before . . . . .	9,410	10,689	610	693	5,706	6,482	2,496	2,835	
1940 to 1949 . . . . .	2,496	2,835	221	251	1,624	1,845	471	535	
1950 to 1959 . . . . .	4,775	5,424	539	612	2,726	3,096	1,240	1,409	
1960 to 1969 . . . . .	4,243	4,820	725	823	2,536	2,881	805	915	
1970 to 1979 . . . . .	5,645	6,413	1,899	2,157	2,328	2,644	817	928	
1980 to 1990 . . . . .	3,511	3,988	1,425	1,619	1,443	1,639	157	178	

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 1990 Residential Energy Consumption Survey.

**Table R21.90. Total Expenditures (1987 and 1990 Dollars) for Air Conditioning and Appliances by Energy Source in Residential Buildings, 1990 (Million Dollars)**

Building Characteristics	Energy Source for Air Conditioning		Energy Sources for Appliances						RSE Row Factors
	Electricity		All Major Sources		Electricity		Natural Gas		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	9,884	11,228	43,537	49,458	41,325	46,946	1,786	2,028	
Census Region									
Northeast . . . . .	910	1,034	10,536	11,969	9,846	11,185	600	682	
Midwest . . . . .	1,496	1,699	10,104	11,478	9,620	10,928	381	433	
South . . . . .	6,497	7,381	14,569	16,551	13,988	15,891	419	476	
West . . . . .	981	1,114	8,328	9,461	7,871	8,941	385	437	
Census Division									
New England . . . . .	112	127	2,123	2,412	1,999	2,270	80	91	
Middle Atlantic . . . . .	798	907	8,412	9,556	7,848	8,915	520	591	
East North Central . . . . .	902	1,025	7,276	8,266	6,903	7,842	296	336	
West North Central . . . . .	594	674	2,827	3,212	2,717	3,087	85	97	
South Atlantic . . . . .	3,179	3,611	7,454	8,468	7,167	8,141	174	197	
East South Central . . . . .	837	951	2,372	2,694	2,298	2,611	45	51	
West South Central . . . . .	2,481	2,819	4,743	5,388	4,523	5,138	201	228	
Mountain . . . . .	324	368	2,030	2,306	1,960	2,226	63	72	
Pacific . . . . .	657	746	6,298	7,154	5,911	6,715	322	365	
Type of Home									
Mobile Home . . . . .	433	492	1,858	2,111	1709	1,941	60	68	
Single-Family Detached . . . . .	7,132	8,101	31,716	36,029	30,261	34,377	1,150	1,307	
Single-Family Attached . . . . .	612	695	2,599	2,952	2,490	2,828	106	121	
2 to 4 Units . . . . .	604	686	3,483	3,957	3,212	3,648	252	286	
5 or More Units . . . . .	1,104	1,254	3,880	4,408	3,654	4,151	217	247	
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	671	762	3,760	4,271	3,491	3,966	139	158	
1,001 to 2,000 . . . . .	3,124	3,549	13,419	15,244	12,729	14,461	538	611	
2,001 to 5,000 . . . . .	4,689	5,326	20,967	23,818	20,033	22,757	805	915	
5,001 to 10,000 . . . . .	662	752	2,850	3,238	2,666	3,028	171	194	
10,001 to 25,000 . . . . .	388	441	1,083	1,230	1,041	1,182	42	48	
25,001 to 50,000 . . . . .	92	104	441	501	413	470	Q	Q	
50,001 to 100,000 . . . . .	150	170	589	669	558	634	31	35	
100,001 to 200,000 . . . . .	65	74	226	257	208	236	18	21	
Over 200,000 . . . . .	43	49	202	230	187	212	14	16	
Year Constructed									
1939 or Before . . . . .	880	999	9,615	10,923	8,960	10,179	548	622	
1940 to 1949 . . . . .	482	547	3,038	3,451	2,826	3,211	159	180	
1950 to 1959 . . . . .	1,258	1,429	6,897	7,835	6,514	7,400	340	386	
1960 to 1969 . . . . .	1,821	2,069	6,989	7,940	6,608	7,507	323	367	
1970 to 1979 . . . . .	2,956	3,358	9,778	11,108	9,434	10,717	258	293	
1980 to 1990 . . . . .	2,488	2,827	7,220	8,202	6,983	7,933	159	180	

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 1990 Residential Energy Consumption Survey.

**Table R22.90. Total Expenditures (1987 and 1990 Dollars) by End Use in Residential Buildings, 1990  
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings	96,994	110,185	30,079	34,170	13,446	15,274	9,932	11,283	43,537	49,458	1.1
Census Region											
Northeast	24,891	28,276	10,048	11,414	3,398	3,860	910	1,034	10,536	11,969	2.3
Midwest	23,670	26,889	8,898	10,109	3,167	3,598	1,501	1,705	10,104	11,478	1.9
South	32,724	37,174	7,145	8,117	4,488	5,098	6,522	7,409	14,569	16,551	2.3
West	15,709	17,845	3,988	4,530	2,393	2,719	1,000	1,136	8,328	9,461	2.9
Census Division											
New England	5,630	6,396	2,521	2,863	874	993	112	127	2,123	2,412	5.7
Middle Atlantic	19,261	21,881	7,527	8,551	2,524	2,867	798	907	8,412	9,556	3.0
East North Central	17,233	19,577	6,668	7,575	2,385	2,709	904	1,026	7,276	8,266	2.5
West North Central	6,437	7,312	2,230	2,533	782	889	597	678	2,827	3,212	3.9
South Atlantic	16,960	19,267	3,792	4,308	2,521	2,864	3,193	3,627	7,454	8,468	3.7
East South Central	5,516	6,266	1,462	1,661	845	960	837	951	2,372	2,694	6.9
West South Central	10,248	11,641	1,891	2,148	1,122	1,274	2,492	2,831	4,743	5,388	6.3
Mountain	4,274	4,855	1,283	1,457	635	721	326	371	2,030	2,306	7.3
Pacific	11,435	12,990	2,705	3,073	1,758	1,997	673	765	6,298	7,154	4.7
Type of Home											
Mobile Home	4,640	5,271	1,546	1,756	802	911	433	492	1,858	2,111	11.8
Single-Family											
Detached	68,863	78,228	21,248	24,138	8,742	9,931	7,157	8,130	31,716	36,029	2.2
Single-Family											
Attached	5,966	6,778	1,934	2,197	822	934	612	695	2,599	2,952	10.4
2 to 4 Units	8,933	10,148	3,410	3,874	1,432	1,627	607	689	3,483	3,957	8.6
5 or More Units	8,591	9,760	1,940	2,204	1,647	1,872	1,124	1,276	3,880	4,408	7.4
Building Floorspace (square feet)											
Fewer than 1,001	8,406	9,550	2,501	2,841	1,475	1,675	671	762	3,760	4,271	6.3
1,001 to 2,000	28,950	32,887	8,370	9,508	4,027	4,575	3,134	3,560	13,419	15,244	3.6
2,001 to 5,000	47,297	53,729	15,625	17,751	5,998	6,813	4,707	5,347	20,967	23,818	2.9
5,001 to 10,000	6,793	7,717	2,255	2,562	1,017	1,155	671	763	2,850	3,238	8.5
10,001 to 25,000	2,507	2,848	593	674	442	503	388	441	1,083	1,230	15.9
25,001 to 50,000	877	996	187	212	155	176	95	107	441	501	19.6
50,001 to 100,000	1,270	1,443	324	368	204	232	154	174	589	669	21.4
100,001 to 200,000	501	569	127	144	78	89	70	79	226	257	29.7
Over 200,000	392	446	97	110	50	57	43	49	202	230	31.3
Year Constructed											
1939 or Before	22,970	26,094	9,410	10,689	3,063	3,479	882	1,002	9,615	10,923	4.4
1940 to 1949	6,988	7,939	2,496	2,835	973	1,106	482	547	3,038	3,451	6.9
1950 to 1959	14,771	16,780	4,775	5,424	1,839	2,089	1,261	1,432	6,897	7,835	4.9
1960 to 1969	15,056	17,104	4,243	4,820	1,995	2,266	1,829	2,078	6,989	7,940	6.3
1970 to 1979	21,577	24,511	5,645	6,413	3,181	3,613	2,973	3,378	9,778	11,108	4.6
1980 to 1990	15,631	17,757	3,511	3,988	2,395	2,721	2,505	2,846	7,220	8,202	6.4

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 1990 Residential Energy Consumption Survey.

**Table R23.90. Electricity Expenditures (1987 and 1990 Dollars) by End Use in Residential Buildings, 1990  
(Million Dollars)**

Building Characteristics	End Uses										RSE Row Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	NF	NF	
All Buildings . . . . .	62,972	71,537	5,419	6,156	6,344	7,207	9,884	11,228	41,325	46,946	1.5
Census Region											
Northeast . . . . .	12,807	14,549	958	1,088	1,093	1,241	910	1,034	9,846	11,185	2.8
Midwest . . . . .	13,526	15,366	1,028	1,168	1,382	1,570	1,496	1,699	9,620	10,928	3.2
South . . . . .	25,636	29,123	2,243	2,548	2,908	3,303	6,497	7,381	13,988	15,891	2.7
West . . . . .	11,003	12,499	1,189	1,351	962	1,092	981	1,114	7,871	8,941	4.0
Census Division											
New England . . . . .	2,708	3,077	266	303	331	376	112	127	1,999	2,270	5.7
Middle Atlantic . . . . .	10,099	11,472	692	786	762	865	798	907	7,848	8,915	3.5
East North Central . . . . .	9,679	10,995	787	894	1,086	1,234	902	1,025	6,903	7,842	4.5
West North Central . . . . .	3,847	4,371	241	274	296	336	594	674	2,717	3,087	4.2
South Atlantic . . . . .	13,420	15,245	1,243	1,412	1,831	2,080	3,179	3,611	7,167	8,141	4.8
East South Central . . . . .	4,238	4,814	502	571	600	682	837	951	2,298	2,611	5.8
West South Central . . . . .	7,978	9,063	497	565	476	541	2,481	2,819	4,523	5,138	7.2
Mountain . . . . .	2,748	3,121	221	251	243	276	324	368	1,960	2,226	8.2
Pacific . . . . .	8,255	9,377	968	1,100	719	817	657	746	5,911	6,715	5.8
Type of Home											
Mobile Home . . . . .	3,079	3,497	335	381	602	684	433	492	1,709	1,941	12.5
Single-Family Detached . . . . .	44,924	51,033	3,398	3,860	4,133	4,695	7,132	8,101	30,261	34,377	2.5
Single-Family Attached . . . . .	4,061	4,613	538	611	421	479	612	695	2,490	2,828	12.5
2 to 4 Units . . . . .	4,686	5,323	427	486	443	503	604	686	3,212	3,648	11.1
5 or More Units . . . . .	6,223	7,069	720	818	745	846	1,104	1,254	3,654	4,151	8.8
Building Floorspace (square feet)											
Fewer than 1,001 . . . . .	5,716	6,493	588	667	966	1,098	671	762	3,491	3,966	6.9
1,001 to 2,000 . . . . .	19,487	22,137	1,680	1,909	1,953	2,219	3,124	3,549	12,729	14,461	4.3
2,001 to 5,000 . . . . .	29,686	33,723	2,357	2,677	2,608	2,963	4,689	5,326	20,033	22,757	3.1
5,001 to 10,000 . . . . .	4,127	4,688	374	425	424	482	662	752	2,666	3,028	9.5
10,001 to 25,000 . . . . .	1,825	2,073	176	200	220	250	388	441	1,041	1,182	18.7
25,001 to 50,000 . . . . .	606	688	60	68	41	46	92	104	413	470	21.7
50,001 to 100,000 . . . . .	972	1,104	Q	Q	107	122	150	170	558	634	25.8
100,001 to 200,000 . . . . .	308	349	19	21	16	19	65	74	208	236	29.5
Over 200,000 . . . . .	246	280	Q	Q	Q	Q	43	49	187	212	37.5
Year Constructed											
1939 or Before . . . . .	11,466	13,025	610	693	1,016	1,154	880	999	8,960	10,179	4.8
1940 to 1949 . . . . .	3,931	4,465	221	251	402	457	482	547	2,826	3,211	7.2
1950 to 1959 . . . . .	8,932	10,147	539	612	622	707	1,258	1,429	6,514	7,400	5.0
1960 to 1969 . . . . .	10,010	11,371	725	823	856	972	1,821	2,069	6,608	7,507	6.9
1970 to 1979 . . . . .	16,148	18,344	1,899	2,157	1,860	2,113	2,956	3,358	9,434	10,717	5.3
1980 to 1990 . . . . .	12,485	14,183	1,425	1,619	1,588	1,804	2,488	2,827	6,983	7,933	6.7

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 1990 Residential Energy Consumption Survey.

**Table R24.90. Natural Gas Expenditures (1987 and 1990 Dollars) by End Use in Residential Buildings, 1990  
(Million Dollars)**

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
	RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	NF	
All Buildings . . . . .	23,998	27,261	16,362	18,588	5,801	6,590	1,786	2,028	3.3
Census Region									
Northeast . . . . .	6,447	7,324	4,328	4,917	1,519	1,725	600	682	7.5
Midwest . . . . .	8,125	9,230	6,172	7,011	1,567	1,780	381	433	5.3
South . . . . .	5,201	5,909	3,385	3,845	1,373	1,559	419	476	8.3
West . . . . .	4,224	4,798	2,478	2,815	1,342	1,525	385	437	5.1
Census Division									
New England . . . . .	1,066	1,211	666	756	320	363	80	91	13.8
Middle Atlantic . . . . .	5,382	6,113	3,662	4,160	1,199	1,362	520	591	8.9
East North Central . . . . .	6,075	6,901	4,613	5,240	1,165	1,323	296	336	6.7
West North Central . . . . .	2,050	2,329	1,559	1,771	402	457	85	97	6.0
South Atlantic . . . . .	2,234	2,538	1,478	1,678	569	646	174	197	15.8
East South Central . . . . .	879	998	618	702	216	245	45	51	18.7
West South Central . . . . .	2,089	2,373	1,290	1,465	588	668	201	228	7.0
Mountain . . . . .	1,382	1,570	950	1,079	366	416	63	72	12.9
Pacific . . . . .	2,842	3,228	1,528	1,735	976	1,109	322	365	5.5
Type of Home									
Mobile Home . . . . .	718	815	517	588	140	159	60	68	20.8
Single-Family Detached . . . . .	16,545	18,795	11,677	13,265	3,692	4,194	1,150	1,307	4.6
Single-Family Attached . . . . .	1,479	1,680	1,016	1,155	356	404	106	121	11.3
2 to 4 Units . . . . .	3,342	3,797	2,231	2,534	857	974	252	286	11.6
5 or More Units . . . . .	1,914	2,175	921	1,046	756	859	217	247	11.5
Building Floorspace (square feet)									
Fewer than 1,001 . . . . .	1,564	1,777	1,053	1,197	372	422	139	158	8.1
1,001 to 2,000 . . . . .	6,954	7,900	4,642	5,273	1,765	2,005	538	611	5.3
2,001 to 5,000 . . . . .	12,284	13,955	8,722	9,909	2,738	3,111	805	915	4.7
5,001 to 10,000 . . . . .	1,950	2,216	1,272	1,444	499	567	171	194	11.8
10,001 to 25,000 . . . . .	619	703	365	414	212	241	42	48	18.8
25,001 to 50,000 . . . . .	207	235	89	101	87	99	Q	Q	17.9
50,001 to 100,000 . . . . .	202	230	Q	Q	56	64	31	35	34.4
100,001 to 200,000 . . . . .	126	144	63	71	41	46	18	21	33.9
Over 200,000 . . . . .	90	102	45	52	30	35	14	16	42.2
Year Constructed									
1939 or Before . . . . .	7,920	8,998	5,706	6,482	1,664	1,890	548	622	5.4
1940 to 1949 . . . . .	2,236	2,540	1,624	1,845	453	515	159	180	8.7
1950 to 1959 . . . . .	4,010	4,555	2,726	3,096	941	1,069	340	386	6.2
1960 to 1969 . . . . .	3,869	4,395	2,536	2,881	1,002	1,138	323	367	8.0
1970 to 1979 . . . . .	3,702	4,205	2,328	2,644	1,098	1,248	258	293	7.2
1980 to 1990 . . . . .	2,261	2,569	1,443	1,639	643	731	159	180	11.6

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 1990 Residential Energy Consumption Survey.

**Table R25.90. Fuel Oil Expenditures (1987 and 1990 Dollars) by End Use in Residential Buildings, 1990  
(Million Dollars)**

Building Characteristics	End Uses						RSE Row Factors
	All End Uses		Space Heating		Water Heating		
	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	1987 Dollars	1990 Dollars	
RSE Column Factors:	1.0	1.0	NF	NF	NF	NF	
All Buildings . . . . .	6,718	7,631	5,986	6,800	731	831	6.3
Census Region							
Northeast . . . . .	5,212	5,921	4,503	5,115	386	806	7.1
Midwest . . . . .	819	931	810	921	709	10	17.0
South . . . . .	557	633	545	619	Q	Q	24.4
West . . . . .	Q	Q	Q	Q	Q	Q	0.0
Census Division							
New England . . . . .	1,688	1,917	1,505	1,710	182	207	6.2
Middle Atlantic . . . . .	3,525	4,004	2,997	3,405	527	599	10.1
East North Central . . . . .	635	721	630	716	5	6	20.4
West North Central . . . . .	184	209	180	205	4	4	30.5
South Atlantic . . . . .	519	589	507	576	Q	Q	25.8
East South Central . . . . .	Q	Q	Q	Q	*	*	0.0
West South Central . . . . .	*	*	*	*	*	*	0.0
Mountain . . . . .	Q	Q	Q	Q	*	*	0.0
Pacific . . . . .	Q	Q	Q	Q	Q	Q	0.0
Type of Home							
Mobile Home . . . . .	129	147	129	147	*	*	41.6
Single-Family							
Detached . . . . .	4,929	5,599	4,488	5,099	440	500	7.5
Single-Family					45		
Attached . . . . .	407	462	362	412		51	21.6
2 to 4 Units . . . . .	815	926	714	811	101	115	14.9
5 or More Units . . . . .	438	498	292	332	146	166	17.7
Building Floorspace (square feet)							
Fewer than 1,001 . . . . .	278	316	255	289	Q	Q	24.0
1,001 to 2,000 . . . . .	1,127	1,280	1,028	1,168	99	113	12.7
2,001 to 5,000 . . . . .	4,336	4,926	3,907	4,439	428	487	9.9
5,001 to 10,000 . . . . .	638	725	567	644	71	81	11.7
10,001 to 25,000 . . . . .	Q	Q	Q	Q	Q	Q	0.0
25,001 to 50,000 . . . . .	Q	Q	Q	Q	27	30	0.0
50,001 to 100,000 . . . . .	96	109	Q	Q	41	46	25.6
100,001 to 200,000 . . . . .	67	76	Q	Q	21	24	45.1
Over 200,000 . . . . .	55	62	44	49	11	13	9.6
Year Constructed							
1939 or Before . . . . .	2,723	3,094	2,496	2,835	228	259	12.0
1940 to 1949 . . . . .	512	582	471	535	41	47	16.2
1950 to 1959 . . . . .	1,462	1,661	1,240	1,409	222	252	16.1
1960 to 1969 . . . . .	900	1,022	805	915	94	107	12.7
1970 to 1979 . . . . .	940	1,067	817	928	122	139	19.0
1980 to 1990 . . . . .	181	206	157	178	24	28	18.4

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 1990 Residential Energy Consumption Survey.