

**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	
RSE Column Factors:	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.

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

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

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	1.4	1.6	0.8	0.9	1.3	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	1.3	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.

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

• See "Glossary" 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.