

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	
All Buildings	156,818	70,446	2,226	90,537	1,732	668	1.3
Census Region							
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
Census Division							
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
Type of Home							
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
Building / Housing Unit Floorspace (square feet)							
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
Year Constructed							
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.)	
	RSE Column Factors:												
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.