

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.)	
	1.8	1.7	1.2	1.3	1.2	1.2	0.8	0.7	0.5	0.5	
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)	
			1987 Dollars		1987 Dollars	1987 Dollars	
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	
All Buildings	156,818	9,128	97,747	58.21	0.62	10.71	1.2
Census Region							
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
Census Division							
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
Type of Home							
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
Building Floorspace (square feet)							
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
Year Constructed							
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	
All Buildings	99,357	4,832	26,149	48.63	0.26	5.41	2.3
Census Region							
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
Census Division							
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
Type of Home							
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
Building Floorspace (square feet)							
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
Year Constructed							
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)	
	RSE Column Factors:	0.4	NF	0.9	NF	0.7	NF	1.2	NF	1.6	NF	2.0	
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 Primaryy 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	
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)	
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 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	1.6	NF	1.0	NF	0.7	
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)	
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	0.9	NF	1.3	
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
All Buildings	97,747	61,580	26,149	6,559	2.4
Census Region					
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
Census Division					
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
Type of Home					
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
Building Floorspace (square feet)					
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
Year Constructed					
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	
All Buildings	31,682	5,529	18,046	5,610	
Census Region					
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	
Census Division					
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	
Type of Home					
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	
Building Floorspace (square feet)					
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	
Year Constructed					
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 RSE Column Factors:	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	
All Buildings	9,770	42,326	39,832	2,020	
Census Region					
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	
Census Division					
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	
Type of Home					
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	
Building Floorspace (square feet)					
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	
Year Constructed					
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	
All Buildings	97,747	31,682	13,910	9,829	42,326	1.0
Census Region						
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
Census Division						
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
Type of Home						
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
Building Floorspace (square feet)						
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
Year Constructed						
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	
All Buildings	61,580	5,529	6,450	9,770	39,832	1.4
Census Region						
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
Census Division						
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
Type of Home						
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
Building Floorspace						
(square feet)						
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
Year Constructed						
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	
All Buildings	26,149	18,046	6,024	2,020	3.8
Census Region					
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
Census Division					
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
Type of Home					
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
Building Floorspace (square feet)					
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
Year Constructed					
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
All Buildings	6,559	5,610	935	5.9
Census Region				
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
Census Division				
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
Type of Home				
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
Building Floorspace (square feet)				
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
Year Constructed				
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.