

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

Building and Housing Unit Characteristics	Total Floorspace (million square feet)	Buildings		Housing Units			RSE Row Factors
		Number of Buildings (thousand)	Floorspace per Building (square feet)	Number of Housing Units (thousand)	Floorspace per Housing Unit (square feet)	Floorspace per Household Member (square feet)	
RSE Column Factors:	1.4	1.3	0.7	1.2	0.7	0.9	
All Buildings	142,247	66,210	2,148	83,788	1,698	620	1.6
Census Region							
Northeast	34,352	12,543	2,739	17,952	1,914	693	2.9
Midwest	39,916	16,976	2,351	21,305	1,874	673	2.7
South	43,688	23,850	1,832	28,055	1,557	567	3.2
West	24,291	12,841	1,892	16,477	1,474	556	3.2
Census Division							
New England	9,134	2,972	3,074	4,210	2,170	771	6.1
Middle Atlantic	25,219	9,571	2,635	13,742	1,835	668	3.3
East North Central	27,434	11,539	2,378	15,001	1,829	653	3.3
West North Central	12,482	5,437	2,296	6,305	1,980	722	5.0
South Atlantic	22,298	11,575	1,926	13,905	1,604	606	4.6
East South Central	9,103	4,853	1,876	5,678	1,603	576	5.8
West South Central	12,287	7,422	1,655	8,471	1,450	504	5.5
Mountain	6,458	3,731	1,731	4,320	1,495	566	5.2
Pacific	17,833	9,110	1,958	12,157	1,467	552	4.3
Type of Home							
Mobile Home	3,220	3,743	860	3,743	860	335	7.5
Single-Family							
Detached	110,840	53,783	2,061	53,783	2,061	692	1.9
Single-Family							
Attached	6,916	3,869	1,787	3,869	1,787	612	10.2
2 to 4 Units	11,543	3,767	3,064	10,149	1,137	464	5.2
5 or More Units	9,728	1,047	9,288	12,244	795	413	5.6
Building / Housing Unit Floorspace (square feet)							
Fewer than 1,001	7,726	9,981	774	25,756	721	332	2.7
1,001 to 2,000	40,297	27,014	1,492	31,252	1,458	513	1.8
2,001 to 5,000	76,236	27,029	2,821	25,729	2,788	883	1.9
5,001 to 10,000	12,363	1,936	6,385	1,042	6,045	1,704	5.9
10,001 to 25,000	2,844	202	14,070	Q	Q	Q	6.5
25,001 to 50,000	1,089	32	34,272	NC	NC	NC	12.9
50,001 to 100,000	654	9	71,168	NC	NC	NC	16.0
100,001 to 200,000	691	6	118,592	NC	NC	NC	15.2
Over 200,000	Q	Q	267,451	NC	NC	NC	2.0
Year Constructed							
1939 or Before	41,179	18,271	2,254	23,635	1,742	660	3.7
1940 to 1949	11,681	6,052	1,930	7,014	1,665	621	5.5
1950 to 1959	22,210	11,889	1,868	13,354	1,663	599	4.0
1960 to 1969	28,507	12,861	2,216	16,679	1,709	597	4.1
1970 to 1979	34,197	15,170	2,254	20,189	1,694	613	3.9
1980 to 1982	4,474	1,965	2,277	2,917	1,534	573	11.6

NC = No cases in sample.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1990 Residential Energy Consumption Survey.

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

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

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

Building Characteristics	Energy Sources												RSE Row Factors
	Any Energy Source		Electricity		Natural Gas		Fuel Oil		Kerosene		LPG		
	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	Build- ings (thou- sand)	Floor- space (million sq.ft.)	
	0.3	0.4	1.2	1.2	0.6	0.6	0.9	0.9	2.8	2.8	1.7	1.8	
RSE Column Factors:	0.3	0.4	1.2	1.2	0.6	0.6	0.9	0.9	2.8	2.8	1.7	1.8	
All Buildings	65,879	141,809	9,125	19,370	37,528	81,429	8,289	21,611	689	900	3,735	5,440	6.8
Census Region													
Northeast	12,543	34,352	765	1,889	5,441	14,540	4,782	14,109	118	257	162	Q	14.6
Midwest	16,976	39,916	1,444	3,423	12,022	28,669	1,338	3,121	Q	Q	953	2,034	12.4
South	23,816	43,667	5,013	9,841	11,185	21,573	1,760	3,558	536	546	2,263	2,676	11.3
West	12,545	23,873	1,903	4,217	8,881	16,647	409	822	Q	Q	358	500	14.0
Census Division													
New England	2,972	9,134	80	289	716	2,500	1,601	4,877	Q	Q	37	76	21.6
Middle Atlantic	9,571	25,219	686	1,601	4,725	12,040	3,181	9,233	89	Q	Q	Q	17.2
East North Central	11,539	27,434	1,075	2,521	8,075	19,454	1,046	2,559	Q	Q	471	932	15.9
West North Central	5,437	12,482	369	902	3,947	9,215	292	562	*	*	482	1,102	22.0
South Atlantic	11,541	22,277	2,648	4,798	3,541	8,545	1,674	3,418	496	494	1,227	1,439	17.1
East South Central	4,853	9,103	1,531	3,214	2,039	3,786	Q	Q	40	52	331	419	17.1
West South Central	7,422	12,287	834	1,828	5,604	9,242	*	*	*	*	704	818	17.7
Mountain	3,731	6,458	Q	Q	2,400	4,291	Q	Q	Q	Q	207	304	19.4
Pacific	8,814	17,415	1,223	3,159	6,480	12,356	310	614	*	*	151	Q	15.9
Type of Home													
Mobile Home	3,743	3,220	887	777	1,098	996	433	319	Q	Q	892	769	26.6
Single-Family Detached	53,504	110,518	6,924	13,203	30,546	63,281	6,752	16,543	478	655	2,712	4,458	8.2
Single-Family Attached	3,850	6,894	619	912	2,672	4,874	366	818	Q	Q	Q	Q	34.7
2 to 4 Units	3,744	11,511	395	1,063	2,581	7,671	638	2,360	Q	Q	Q	Q	22.6
5 or More Units	1,039	9,666	299	3,415	630	4,607	98	1,570	*	*	Q	Q	18.2
Building Floorspace (square feet)													
Fewer than 1,001	9,833	7,611	1,671	1,282	4,476	3,529	764	557	325	226	1,415	1,071	13.8
1,001 to 2,000	26,855	40,091	4,288	6,432	15,823	23,768	2,436	3,746	281	386	1,566	2,224	10.9
2,001 to 5,000	27,013	76,181	2,853	8,050	16,092	45,443	4,579	13,069	Q	232	754	2,140	10.5
5,001 to 10,000	1,928	12,301	230	1,515	1,022	6,562	456	2,831	Q	Q	Q	Q	21.1
10,001 to 25,000	202	2,844	58	882	102	1,388	42	574	*	*	*	*	25.1
25,001 to 50,000	32	1,089	18	611	9	287	5	191	*	*	*	*	46.9
50,001 to 100,000	9	654	Q	Q	2	135	3	224	*	*	*	*	58.8
100,001 to 200,000	6	691	Q	Q	Q	Q	2	202	*	*	*	*	60.3
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	*	*	*	*	0.0
Year Constructed													
1939 or Before	18,177	41,087	514	771	10,605	23,735	3,482	9,648	323	613	1,162	1,998	13.1
1940 to 1949	6,033	11,656	304	462	3,808	7,379	1,024	2,530	Q	Q	228	266	20.3
1950 to 1959	11,830	22,165	815	1,230	8,095	14,942	1,534	3,823	155	132	501	598	14.5
1960 to 1969	12,809	28,432	1,987	4,189	7,842	18,044	1,151	2,924	Q	79	577	795	13.4
1970 to 1979	15,064	33,994	4,534	10,757	6,624	15,649	1,081	2,669	Q	Q	1,115	1,586	13.5
1980 to 1982	1,965	4,474	971	1,961	553	1,679	Q	Q	*	*	Q	Q	38.4

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

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Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.
Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

Table R11.82. Total and Average Consumption and Expenditures for Fuel Oil¹ in Residential Buildings, 1982

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

¹ Includes kerosene.
Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.
Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

¹ Kerosene combined with fuel oil.

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene ¹		LPG		
	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
	0.5	0.5	0.5	0.7	0.8	0.9	1.3	1.4			2.3	2.8	
RSE Column Factors:	0.5	0.5	0.5	0.7	0.8	0.9	1.3	1.4			2.3	2.8	
All Buildings	66,197	8,575	66,169	2,346	41,111	4,743	12,178	1,196			7,171	290	3.5
Census Region													
Northeast	12,543	2,185	12,543	367	7,353	962	6,046	833			1,051	23	7.7
Midwest	16,976	2,610	16,976	559	12,323	1,784	2,121	156			1,765	111	6.3
South	23,838	2,446	23,838	1,007	12,079	1,142	3,390	178			3,508	118	6.8
West	12,841	1,334	12,813	413	9,356	854	621	30			847	38	7.2
Census Division													
New England	2,972	513	2,972	92	1,277	159	1,954	254			414	8	11.2
Middle Atlantic	9,571	1,672	9,571	276	6,076	803	4,092	578			637	15	10.6
East North Central	11,539	1,837	11,539	377	8,251	1,267	1,655	132			1,019	61	8.1
West North Central	5,437	773	5,437	182	4,071	518	466	24			746	49	12.7
South Atlantic	11,575	1,104	11,575	456	4,040	420	2,932	169			2,198	58	10.4
East South Central	4,840	474	4,840	247	2,114	200	374	8			505	19	13.6
West South Central	7,422	868	7,422	304	5,925	522	Q	Q			805	41	11.3
Mountain	3,731	412	3,703	114	2,495	266	Q	Q			385	24	13.6
Pacific	9,110	923	9,110	298	6,861	588	453	22			462	14	9.6
Type of Home													
Mobile Home	3,743	268	3,743	110	1,118	74	825	36			1,512	48	16.7
Single-Family													
Detached	53,770	6,066	53,742	1,762	33,086	3,350	9,987	725			5,437	230	4.7
Single-Family													
Attached	3,869	434	3,869	94	3,080	293	550	40			Q	Q	23.3
2 to 4 Units	3,767	981	3,767	176	3,089	622	709	177			83	Q	14.0
5 or More Units	1,047	826	1,047	203	738	404	107	218			Q	Q	13.0
Building Floorspace (square feet)													
Fewer than 1,001	9,968	708	9,940	236	4,809	336	1,521	68			2,460	68	9.1
1,001 to 2,000	27,014	2,784	27,014	846	17,014	1,572	3,569	242			2,721	125	6.7
2,001 to 5,000	27,029	4,025	27,029	1,011	17,904	2,330	6,395	589			1,894	95	5.9
5,001 to 10,000	1,936	604	1,936	147	1,198	328	636	126			Q	Q	14.4
10,001 to 25,000	202	206	202	52	154	102	45	52			*	*	17.9
25,001 to 50,000	32	86	32	23	22	31	5	32			*	*	33.2
50,001 to 100,000	9	54	9	14	4	10	3	30			*	*	37.9
100,001 to 200,000	6	65	6	14	5	23	2	28			*	*	42.0
Over 200,000	Q	Q	Q	4	Q	Q	Q	Q			*	*	64.5
Year Constructed													
1939 or Before	18,259	2,758	18,230	472	12,434	1,608	4,727	575			2,409	102	8.3
1940 to 1949	6,052	751	6,052	174	4,116	421	1,220	143			538	13	11.9
1950 to 1959	11,889	1,444	11,889	335	8,581	888	2,317	185			968	36	9.3
1960 to 1969	12,861	1,679	12,861	521	8,305	960	1,978	151			1,365	46	8.2
1970 to 1979	15,170	1,751	15,170	740	6,945	792	1,861	141			1,660	78	8.9
1980 to 1982	1,965	193	1,965	103	730	75	Q	Q			231	Q	28.1

¹ Kerosene combined with fuel oil.

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

¹ Kerosene combined with fuel oil.

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

¹ Kerosene combined with fuel oil.
 * = Value rounds to zero in the units displayed.
 Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

¹ Kerosene combined with fuel oil.

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

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

Building Characteristics	Energy Sources												RSE Row Fac- tors
	All Major Sources		Electricity		Natural Gas		Fuel Oil		Kerosene ¹		LPG		
	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	Build- ings (thou- sand)	Con- sump- tion (trillion Btu)	
RSE Column Factors:	0.5	NF	1.1	NF	0.8	NF	1.2	NF			2.1	NF	
All Buildings	63,753	4,675	17,745	300	38,332	3,144	12,051	1,045			4,724	187	4.4
Census Region													
Northeast	12,236	1,396	2,141	42	5,610	646	5,985	698			209	11	11.6
Midwest	16,526	1,636	3,216	84	12,155	1,319	2,120	153			1,246	80	8.6
South	22,762	1,030	8,572	109	11,499	678	3,367	166			2,765	77	7.2
West	12,229	614	3,816	65	9,068	501	580	28			504	20	9.7
Census Division													
New England	2,883	331	604	9	747	103	1,947	216			66	3	15.5
Middle Atlantic	9,353	1,065	1,537	33	4,863	543	4,038	482			Q	Q	13.4
East North Central	11,212	1,164	2,030	62	8,154	931	1,655	129			684	43	11.1
West North Central	5,314	472	1,186	23	4,001	389	465	24			562	37	15.1
South Atlantic	10,877	517	4,264	43	3,624	278	2,908	158			1,542	37	12.1
East South Central	4,534	201	2,359	42	2,090	138	374	8			439	13	14.9
West South Central	7,351	312	1,949	24	5,785	261	Q	Q			784	26	11.8
Mountain	3,606	227	1,016	13	2,456	192	Q	Q			285	14	18.8
Pacific	8,623	387	2,800	52	6,612	309	412	20			218	5	12.0
Type of Home													
Mobile Home	3,656	130	1,226	17	1,098	48	825	35			1,020	29	18.7
Single-Family Detached	51,546	3,235	14,329	195	31,283	2,237	9,878	655			3,547	149	5.5
Single-Family Attached	3,833	250	1,086	19	2,691	188	550	38			Q	Q	25.4
2 to 4 Units	3,690	583	745	21	2,621	408	696	150			Q	Q	15.0
5 or More Units	1,028	477	359	47	640	262	102	167			Q	Q	14.4
Building Floorspace (square feet)													
Fewer than 1,001	9,311	333	2,683	30	4,564	199	1,469	65			1,673	40	9.9
1,001 to 2,000	25,991	1,378	7,840	98	16,168	979	3,529	221			1,995	81	7.2
2,001 to 5,000	26,356	2,330	6,666	123	16,425	1,620	6,363	521			1,055	66	6.8
5,001 to 10,000	1,846	370	460	23	1,052	237	636	110			Q	Q	16.6
10,001 to 25,000	202	117	68	10	102	66	43	41			*	*	20.4
25,001 to 50,000	32	49	19	8	16	19	5	23			*	*	42.1
50,001 to 100,000	9	31	5	3	2	6	3	22			*	*	45.0
100,001 to 200,000	6	39	3	Q	3	Q	2	21			*	*	46.2
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q			*	*	0.0
Year Constructed													
1939 or Before	17,183	1,743	2,966	33	10,830	1,122	4,690	518			1,461	70	9.7
1940 to 1949	5,724	419	1,116	12	3,937	278	1,211	122			292	7	13.1
1950 to 1959	11,648	769	2,249	23	8,194	567	2,284	158			608	21	10.7
1960 to 1969	12,483	829	3,802	61	8,023	614	1,953	128			871	27	8.5
1970 to 1979	14,814	841	6,417	152	6,758	517	1,838	118			1,283	53	9.5
1980 to 1982	1,902	74	1,196	18	590	46	Q	Q			Q	Q	32.2

¹ Kerosene combined with fuel oil.

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

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

¹ Kerosene combined with fuel oil.
 NF = No applicable RSE row/column factor, estimates derived from regression model.
 * = Value rounds to zero in the units displayed.
 Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

¹ Kerosene combined with fuel oil.

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

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

* = Value rounds to zero in the units displayed.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

NF = No applicable RSE row/column factor, estimates derived from regression model.
 * = Value rounds to zero in the units displayed.
 Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

NF = No applicable RSE row/column factor, estimates derived from regression model.
Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.
Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

NF = No applicable RSE row/column factor, estimates derived from regression model.
Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
• See "Glossary" for definition of terms used in this report.
Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

Building Characteristics		End Uses									RSE Row Fac- tors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)	Consump- tion (trillion Btu)	Floor- space (million sq.ft.)		Consump- tion (trillion Btu)
RSE Column Factors:		0.7	0.8	1.5	NF	1.5	NF	1.1	NF	0.7	NF	
All Buildings		142,220	7,187	38,071	919	45,493	865	84,284	1,024	142,220	4,379	2.9
Census Region												
Northeast		34,352	1,125	5,675	127	7,685	113	17,895	67	34,352	818	5.9
Midwest		39,916	1,712	7,792	258	10,678	175	23,510	162	39,916	1,118	5.9
South		43,678	3,086	16,713	335	20,544	426	33,895	713	43,678	1,612	4.8
West		24,274	1,264	7,891	199	6,587	151	8,983	83	24,274	831	5.9
Census Division												
New England		9,134	281	1,827	28	1,871	29	4,233	11	9,134	213	9.6
Middle Atlantic		25,219	844	3,848	100	5,813	84	13,662	56	25,219	604	8.2
East North Central		27,434	1,154	4,946	189	8,095	128	14,098	83	27,434	755	8.0
West North Central		12,482	558	2,846	69	2,583	47	9,413	79	12,482	363	9.1
South Atlantic		22,298	1,397	8,122	132	12,422	253	15,562	256	22,298	756	7.1
East South Central		9,093	758	4,819	128	6,066	123	7,936	146	9,093	361	10.2
West South Central		12,287	931	3,772	75	2,055	49	10,396	312	12,287	495	11.0
Mountain		6,442	350	1,717	38	1,836	37	2,462	37	6,442	237	18.2
Pacific		17,833	915	6,174	161	4,750	114	6,522	46	17,833	595	7.6
Type of Home												
Mobile Home		3,220	337	1,095	52	1,860	70	1,705	35	3,220	180	17.5
Single-Family												
Detached		110,814	5,398	29,060	599	37,325	655	66,180	771	110,814	3,373	3.8
Single-Family												
Attached		6,916	289	1,850	58	1,548	28	4,039	29	6,916	173	18.3
2 to 4 Units		11,543	541	2,108	65	1,831	45	5,872	66	11,543	364	11.6
5 or More Units		9,728	622	3,958	145	2,929	66	6,488	122	9,728	288	10.2
Building Floorspace (square feet)												
Fewer than 1,001		7,699	724	2,101	92	3,423	127	3,596	83	7,699	422	7.8
1,001 to 2,000		40,297	2,591	11,780	299	14,151	334	23,844	403	40,297	1,556	4.7
2,001 to 5,000		76,236	3,096	18,901	376	22,562	326	45,228	402	76,236	1,991	4.8
5,001 to 10,000		12,363	450	2,855	72	3,860	46	7,805	72	12,363	261	11.5
10,001 to 25,000		2,844	158	1,022	32	717	18	2,024	31	2,844	77	14.8
25,001 to 50,000		1,089	72	644	24	365	7	599	13	1,089	28	33.5
50,001 to 100,000		654	42	333	8	Q	4	518	Q	654	19	36.7
100,001 to 200,000		691	42	369	Q	Q	Q	484	8	691	17	39.4
Over 200,000		Q	12	Q	Q	Q	Q	Q	2	Q	Q	53.9
Year Constructed												
1939 or Before		41,152	1,447	6,657	102	10,213	168	17,089	110	41,152	1,068	6.8
1940 to 1949		11,681	533	1,753	38	3,237	61	6,664	74	11,681	360	10.6
1950 to 1959		22,210	1,027	4,070	71	4,969	96	13,293	158	22,210	702	7.7
1960 to 1969		28,507	1,597	8,073	187	8,555	168	19,522	294	28,507	948	6.9
1970 to 1979		34,197	2,267	14,925	467	16,350	324	24,600	337	34,197	1,139	7.0
1980 to 1982		4,474	316	2,592	54	2,169	48	3,117	51	4,474	163	18.0

NF = No applicable RSE row/column factor, estimates derived from regression model.
 Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.
 • See "Glossary" for definition of terms used in this report.
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	Buildings (thousand)	Consump- tion (trillion Btu)	Buildings (thousand)	Consump- tion (trillion Btu)	Buildings (thousand)	Consump- tion (trillion Btu)	Buildings (thousand)	Consump- tion (trillion Btu)	
	RSE Column Factors:	0.9	1.0	1.0	NF	1.0	NF	1.1	
All Buildings	41,111	4,743	38,332	3,144	36,622	1,148	28,293	427	3.6
Census Region									
Northeast	7,353	962	5,610	646	6,367	211	5,966	104	10.3
Midwest	12,323	1,784	12,155	1,319	11,096	345	8,064	119	5.0
South	12,079	1,142	11,499	678	10,350	325	7,993	121	7.6
West	9,356	854	9,068	501	8,808	268	6,269	83	6.9
Census Division									
New England	1,277	159	747	103	1,052	40	891	15	14.5
Middle Atlantic	6,076	803	4,863	543	5,316	171	5,075	88	12.5
East North Central	8,251	1,267	8,154	931	7,322	246	5,761	90	6.1
West North Central	4,071	518	4,001	389	3,775	99	2,302	28	9.0
South Atlantic	4,040	420	3,624	278	3,234	103	2,288	37	18.0
East South Central	2,114	200	2,090	138	1,486	47	1,104	15	14.0
West South Central	5,925	522	5,785	261	5,630	174	4,602	69	7.0
Mountain	2,495	266	2,456	192	2,295	61	1,285	12	12.6
Pacific	6,861	588	6,612	309	6,514	207	4,984	71	8.4
Type of Home									
Mobile Home	1,118	74	1,098	48	892	18	1,022	8	21.3
Single-Family									
Detached	33,086	3,350	31,283	2,237	29,443	800	21,737	292	4.3
Single-Family									
Attached	3,080	293	2,691	188	2,939	73	2,596	32	16.1
2 to 4 Units	3,089	622	2,621	408	2,693	154	2,437	60	8.9
5 or More Units	738	404	640	262	655	103	500	36	10.3
Building Floorspace (square feet)									
Fewer than 1,001	4,809	336	4,564	199	4,098	98	3,971	39	8.0
1,001 to 2,000	17,014	1,572	16,168	979	15,308	425	12,129	160	5.5
2,001 to 5,000	17,904	2,330	16,425	1,620	16,012	510	11,325	186	5.2
5,001 to 10,000	1,198	328	1,052	237	1,053	69	731	22	12.7
10,001 to 25,000	154	102	102	66	128	27	112	9	14.2
25,001 to 50,000	22	31	16	19	17	9	18	4	39.0
50,001 to 100,000	4	10	2	6	2	2	3	2	27.5
100,001 to 200,000	5	23	3	Q	3	6	3	3	38.2
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before	12,434	1,608	10,830	1,122	10,668	344	9,683	137	6.2
1940 to 1949	4,116	421	3,937	278	3,612	104	2,856	37	10.0
1950 to 1959	8,581	888	8,194	567	7,830	227	6,214	85	7.7
1960 to 1969	8,305	960	8,023	614	7,606	251	5,138	92	8.2
1970 to 1979	6,945	792	6,758	517	6,215	199	4,071	71	8.7
1980 to 1982	730	75	590	46	690	23	331	5	26.0

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

Building Characteristics	End Uses								RSE Row Factors
	All End Uses		Space Heating		Water Heating		Appliances		
	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	Floorspace (million sq.ft.)	Consump- tion (trillion Btu)	
	RSE Column Factors:	0.9	1.0	1.0	NF	1.0	NF	1.1	
All Buildings	91,847	4,743	83,447	3,144	81,484	1,148	60,827	427	3.8
Census Region									
Northeast	21,086	962	15,070	646	17,304	211	16,755	104	9.2
Midwest	29,475	1,784	28,950	1,319	27,051	345	18,412	119	4.9
South	23,440	1,142	22,120	678	20,277	325	14,463	121	9.5
West	17,846	854	17,308	501	16,852	268	11,197	83	6.4
Census Division									
New England	4,539	159	2,625	103	3,723	40	3,077	15	17.3
Middle Atlantic	16,547	803	12,445	543	13,581	171	13,678	88	11.1
East North Central	19,948	1,267	19,577	931	18,080	246	13,396	90	6.3
West North Central	9,526	518	9,373	389	8,972	99	5,015	28	7.4
South Atlantic	9,615	420	8,686	278	7,940	103	5,654	37	19.4
East South Central	3,891	200	3,866	138	2,840	47	1,882	15	12.1
West South Central	9,935	522	9,568	261	9,497	174	6,928	69	9.9
Mountain	4,462	266	4,384	192	4,155	61	1,853	12	11.8
Pacific	13,384	588	12,924	309	12,698	207	9,344	71	7.7
Type of Home									
Mobile Home	1,004	74	996	48	845	18	885	8	23.0
Single-Family									
Detached	69,092	3,350	64,805	2,237	61,890	800	43,238	292	4.9
Single-Family									
Attached	5,722	293	4,913	188	5,340	73	4,882	32	16.9
2 to 4 Units	9,417	622	7,796	408	8,082	154	7,332	60	9.3
5 or More Units	6,612	404	4,937	262	5,327	103	4,490	36	9.6
Building Floorspace (square feet)									
Fewer than 1,001	3,788	336	3,602	199	3,249	98	3,079	39	7.9
1,001 to 2,000	25,618	1,572	24,270	979	23,066	425	18,121	160	5.7
2,001 to 5,000	50,700	2,330	46,358	1,620	45,460	510	32,032	186	5.3
5,001 to 10,000	7,770	328	6,773	237	6,794	69	4,684	22	12.3
10,001 to 25,000	2,084	102	1,388	66	1,701	27	1,444	9	13.4
25,001 to 50,000	733	31	510	19	549	9	597	4	38.9
50,001 to 100,000	265	10	135	6	135	2	184	2	24.0
100,001 to 200,000	550	23	288	Q	377	6	379	3	35.8
Over 200,000	Q	Q	Q	Q	Q	Q	Q	Q	0.0
Year Constructed									
1939 or Before	28,992	1,608	24,293	1,122	24,683	344	22,538	137	5.7
1940 to 1949	8,328	421	7,619	278	7,115	104	5,355	37	11.1
1950 to 1959	16,166	888	15,185	567	14,629	227	11,179	85	8.0
1960 to 1969	19,414	960	18,339	614	17,698	251	11,580	92	8.8
1970 to 1979	16,900	792	16,224	517	15,408	199	9,349	71	9.5
1980 to 1982	2,047	75	1,787	46	1,951	23	827	5	24.6

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil¹		
	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
	RSE Column Factors:	0.7	0.7	0.8	0.8	1.1	1.1	1.7	
All Buildings	102,034	86,525	55,116	46,739	31,798	26,964	11,879	10,074	2.7
Census Region									
Northeast	28,635	24,283	11,836	10,037	8,204	6,957	8,271	7,014	5.3
Midwest	26,531	22,498	12,893	10,934	11,008	9,335	1,523	1,291	4.5
South	33,093	28,063	22,233	18,854	7,700	6,530	1,784	1,513	6.1
West	13,776	11,682	8,153	6,914	4,886	4,143	301	256	5.6
Census Division									
New England	6,960	5,902	2,723	2,309	1,586	1,345	2,537	2,152	8.7
Middle Atlantic	21,675	18,380	9,113	7,728	6,618	5,612	5,734	4,862	7.0
East North Central	18,708	15,865	8,839	7,496	7,921	6,717	1,298	1,100	5.4
West North Central	7,822	6,633	4,054	3,438	3,087	2,618	225	191	10.8
South Atlantic	16,193	13,732	10,447	8,859	3,311	2,807	1,700	1,441	8.6
East South Central	6,078	5,154	4,526	3,838	1,267	1,074	81	68	11.9
West South Central	10,822	9,177	7,261	6,157	3,122	2,648	Q	Q	11.2
Mountain	4,294	3,641	2,460	2,086	1,514	1,284	Q	Q	13.9
Pacific	9,482	8,040	5,693	4,828	3,372	2,860	224	190	6.9
Type of Home									
Mobile Home	3,798	3,221	2,460	2,086	426	361	366	310	16.8
Single-Family									
Detached	71,454	60,593	40,247	34,129	21,467	18,204	7,190	6,097	3.8
Single-Family									
Attached	5,191	4,402	2,447	2,075	2,270	1,925	401	340	17.0
2 to 4 Units	11,142	9,448	4,725	4,007	4,590	3,893	1,758	1,491	11.3
5 or More Units	10,450	8,862	5,237	4,441	3,045	2,583	2,165	1,836	10.3
Building Floorspace (square feet)									
Fewer than 1,001	9,024	7,653	5,408	4,586	2,130	1,806	689	585	8.3
1,001 to 2,000	33,132	28,096	19,199	16,281	10,088	8,555	2,428	2,059	5.7
2,001 to 5,000	46,564	39,486	23,946	20,306	15,808	13,405	5,810	4,927	4.7
5,001 to 10,000	7,371	6,250	3,691	3,130	2,393	2,030	1,258	1,067	11.0
10,001 to 25,000	2,543	2,156	1,316	1,116	709	601	518	439	14.7
25,001 to 50,000	1,081	916	547	464	221	187	313	265	23.5
50,001 to 100,000	770	653	387	329	84	71	299	253	29.3
100,001 to 200,000	912	773	431	365	199	169	282	239	32.4
Over 200,000	Q	Q	192	163	Q	Q	Q	Q	60.9
Year Constructed									
1939 or Before	30,049	25,482	12,096	10,257	11,104	9,416	5,700	4,834	6.7
1940 to 1949	8,632	7,320	4,153	3,521	2,906	2,464	1,424	1,208	10.5
1950 to 1959	16,469	13,966	8,365	7,094	5,858	4,967	1,840	1,560	8.1
1960 to 1969	20,461	17,351	12,055	10,223	6,364	5,397	1,503	1,275	8.1
1970 to 1979	23,593	20,007	16,272	13,799	5,079	4,307	1,402	1,189	8.6
1980 to 1982	2,829	2,399	2,175	1,844	487	413	Q	Q	22.4

¹ Includes kerosene.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

Building Characteristics	Energy Sources								RSE Row Factors
	All Major Sources		Electricity		Natural Gas		Fuel Oil¹		
	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	1987 Dollars	1982 Dollars	
	NF	NF	NF	NF	NF	NF	NF	NF	
RSE Column Factors:	NF	NF	NF	NF	NF	NF	NF	NF	
All Buildings	39,408	33,418	6,124	5,193	20,922	17,742	10,375	8,798	
Census Region									
Northeast	13,559	11,498	1,160	983	5,339	4,528	6,933	5,879	
Midwest	12,125	10,282	1,708	1,448	8,147	6,909	1,489	1,262	
South	9,352	7,930	2,240	1,900	4,570	3,875	1,668	1,415	
West	4,373	3,709	1,017	862	2,865	2,430	285	242	
Census Division									
New England	3,453	2,928	258	219	1008	855	2,154	1,826	
Middle Atlantic	10,106	8,570	902	765	4,331	3,673	4,779	4,053	
East North Central	8,793	7,457	1,256	1,065	5,833	4,947	1,264	1,072	
West North Central	3,332	2,825	452	383	2,314	1,962	225	191	
South Atlantic	5,178	4,391	961	815	2,180	1,848	1,584	1,343	
East South Central	1,824	1,547	734	622	868	736	81	68	
West South Central	2,350	1,992	546	463	1,522	1,291	Q	Q	
Mountain	1,549	1,314	249	211	1,078	914	Q	Q	
Pacific	2,824	2,395	768	651	1,788	1,516	207	176	
Type of Home									
Mobile Home	1,301	1,103	346	294	276	234	361	306	
Single-Family									
Detached	26,213	22,228	3,879	3,289	14,272	12,103	6,491	5,504	
Single-Family									
Attached	2,305	1,954	403	342	1,464	1,241	373	316	
2 to 4 Units	4,938	4,188	449	381	2,964	2,513	1,493	1,266	
5 or More Units	4,651	3,944	1047	888	1,945	1,649	1,658	1,406	
Building Floorspace (square feet)									
Fewer than 1,001	2,947	2,499	592	502	1,249	1,059	659	559	
1,001 to 2,000	11,341	9,617	1,965	1,667	6,272	5,319	2,219	1,882	
2,001 to 5,000	19,140	16,231	2,488	2,110	10,867	9,215	5,131	4,351	
5,001 to 10,000	3,282	2,783	483	409	1,706	1,447	1,091	925	
10,001 to 25,000	1,087	922	232	196	452	383	403	342	
25,001 to 50,000	496	421	150	127	122	104	224	190	
50,001 to 100,000	329	279	Q	Q	42	36	223	189	
100,001 to 200,000	450	382	Q	Q	Q	Q	206	175	
Over 200,000	336	285	Q	Q	Q	Q	Q	Q	
Year Constructed									
1939 or Before	14,174	12,019	720	610	7,587	6,434	5,131	4,351	
1940 to 1949	3,464	2,938	281	239	1,896	1,608	1,217	1,032	
1950 to 1959	6,022	5,107	499	423	3,722	3,156	1,568	1,329	
1960 to 1969	6,850	5,809	1,218	1,032	4,070	3,451	1,269	1,076	
1970 to 1979	8,139	6,901	3,059	2,594	3,342	2,834	1,181	1,001	
1980 to 1982	759	644	347	295	305	258	Q	Q	

¹ Includes kerosene.

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

Table R21.82. Total Expenditures (1987 and 1982 Dollars) for Air Conditioning and Appliances by Energy Source in Residential Buildings, 1982 (Million Dollars)

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

¹ Includes kerosene.

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.

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

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

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1982 Residential Energy Consumption Survey.