

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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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 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.

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Building Characteristics		End Uses									RSE Row Fac- tors	
		All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
		Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)	Consump- tion (trillion Btu)	Buildings (thou- sand)		Consump- tion (trillion Btu)
RSE Column Factors:		0.7	0.8	1.6	NF	1.5	NF	1.1	NF	0.7	NF	
All Buildings . . . . .		66,169	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 Factors
	All End Uses		Space Heating		Water Heating		Air Conditioning		Appliances		
	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	Floor-space (million sq.ft.)	Consumption (trillion Btu)	
	0.7	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.