

**Table R8.81p. Total and Average Primary Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	1.5	1.4	1.5	1.5	0.8	0.9	0.9	0.6	0.6	
All Buildings . . . . .	144,201	14,283	103,512	83,016	99.05	0.72	0.58	7.25	5.81	1.2
Census Region										
Northeast . . . . .	35,083	3,179	30,517	24,475	90.60	0.87	0.70	9.60	7.70	1.8
Midwest . . . . .	41,473	4,245	27,358	21,941	102.36	0.66	0.53	6.44	5.17	2.4
South . . . . .	42,589	4,485	31,209	25,030	105.30	0.73	0.59	6.96	5.58	2.7
West . . . . .	25,055	2,374	14,428	11,571	94.75	0.58	0.46	6.08	4.87	2.4
Census Division										
New England . . . . .	8,343	716	7,358	5,901	85.82	0.88	0.71	10.28	8.24	3.3
Middle Atlantic . . . . .	26,741	2,463	23,159	18,574	92.09	0.87	0.69	9.40	7.54	2.3
East North Central . . . . .	28,134	2,975	19,409	15,566	105.74	0.69	0.55	6.52	5.23	3.5
West North Central . . . . .	13,339	1,270	7,949	6,375	95.24	0.60	0.48	6.26	5.02	4.9
South Atlantic . . . . .	21,940	2,095	15,922	12,770	95.48	0.73	0.58	7.60	6.10	4.4
East South Central . . . . .	9,261	1,047	6,226	4,993	113.06	0.67	0.54	5.95	4.77	4.0
West South Central . . . . .	11,389	1,343	9,062	7,267	117.91	0.80	0.64	6.75	5.41	3.6
Mountain . . . . .	6,128	631	3,787	3,037	102.92	0.62	0.50	6.00	4.82	4.7
Pacific . . . . .	18,927	1,743	10,641	8,534	92.11	0.56	0.45	6.10	4.90	3.2
Type of Home										
Mobile Home . . . . .	3,695	598	4,422	3,547	161.81	1.20	0.96	7.40	5.93	5.2
Single-Family										
Detached . . . . .	14,212	10,662	74,206	59,513	93.35	0.65	0.52	6.96	5.58	1.6
Single-Family										
Attached . . . . .	5,848	479	3,855	3,092	81.87	0.66	0.53	8.05	6.46	8.1
2 to 4 Units . . . . .	10,507	1,278	10,249	8,220	121.61	0.98	0.78	8.02	6.43	3.7
5 or More Units . . . . .	9,939	1,266	10,779	8,645	127.37	1.08	0.87	8.51	6.83	4.7
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,903	1,323	9,438	7,570	167.45	1.19	0.96	7.13	5.72	3.4
1,001 to 2,000 . . . . .	38,104	4,603	32,053	25,707	120.79	0.84	0.67	6.96	5.59	2.2
2,001 to 5,000 . . . . .	79,655	6,694	48,411	38,826	84.04	0.61	0.49	7.23	5.80	1.9
5,001 to 10,000 . . . . .	11,645	880	6,621	5,310	75.58	0.57	0.46	7.52	6.03	5.0
10,001 to 25,000 . . . . .	3,946	419	3,338	2,678	106.23	0.85	0.68	7.96	6.39	7.1
25,001 to 50,000 . . . . .	1,182	152	1,498	1,202	128.90	1.27	1.02	9.84	7.89	14.1
50,001 to 100,000 . . . . .	986	107	1,099	881	109.00	1.11	0.89	10.23	8.20	15.2
100,001 to 200,000 . . . . .	434	61	617	495	139.98	1.42	1.14	10.17	8.16	15.8
Over 200,000 . . . . .	346	43	Q	Q	123.12	1.26	1.01	10.20	8.18	26.9
Year Constructed										
1939 or Before . . . . .	44,357	4,205	31,996	25,660	94.79	0.72	0.58	7.61	6.10	2.7
1940 to 1949 . . . . .	11,133	1,165	8,368	6,711	104.63	0.75	0.60	7.18	5.76	4.1
1950 to 1959 . . . . .	23,300	2,322	16,411	13,161	99.66	0.70	0.56	7.07	5.67	2.8
1960 to 1969 . . . . .	26,662	2,832	20,572	16,498	106.21	0.77	0.62	7.26	5.83	3.1
1970 to 1979 . . . . .	35,688	3,469	24,245	19,445	97.20	0.68	0.54	6.99	5.61	2.9
1980 to 1981 . . . . .	3,060	291	1,921	1,540	94.98	0.63	0.50	6.61	5.30	7.4

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 1981 Residential Energy Consumption Survey.

**Table R8.81s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	1.4	1.4	1.3	1.3	1.0	0.8	0.8	0.7	0.7	
All Buildings . . . . .	144,201	9,288	103,512	83,016	64.41	0.72	0.58	11.14	8.94	1.4
Census Region										
Northeast . . . . .	35,083	2,359	30,517	24,475	67.25	0.87	0.70	12.93	10.37	2.2
Midwest . . . . .	41,473	3,095	27,358	21,941	74.62	0.66	0.53	8.84	7.09	2.4
South . . . . .	42,589	2,410	31,209	25,030	56.59	0.73	0.59	12.95	10.39	3.2
West . . . . .	25,055	1,424	14,428	11,571	56.85	0.58	0.46	10.13	8.12	2.4
Census Division										
New England . . . . .	8,343	528	7,358	5,901	63.33	0.88	0.71	13.93	11.17	3.6
Middle Atlantic . . . . .	26,741	1,831	23,159	18,574	68.47	0.87	0.69	12.65	10.14	2.8
East North Central . . . . .	28,134	2,227	19,409	15,566	79.17	0.69	0.55	8.71	6.99	3.3
West North Central . . . . .	13,339	867	7,949	6,375	65.01	0.60	0.48	9.17	7.35	5.2
South Atlantic . . . . .	21,940	1,112	15,922	12,770	50.70	0.73	0.58	14.31	11.48	5.5
East South Central . . . . .	9,261	524	6,226	4,993	56.63	0.67	0.54	11.87	9.52	4.6
West South Central . . . . .	11,389	773	9,062	7,267	67.91	0.80	0.64	11.72	9.40	4.5
Mountain . . . . .	6,128	406	3,787	3,037	66.22	0.62	0.50	9.33	7.48	4.4
Pacific . . . . .	18,927	1,019	10,641	8,534	53.81	0.56	0.45	10.45	8.38	3.2
Type of Home										
Mobile Home . . . . .	3,695	339	4,422	3,547	91.67	1.20	0.96	13.05	10.47	6.3
Single-Family										
Detached . . . . .	114,212	6,906	74,206	59,513	60.47	0.65	0.52	10.74	8.62	1.8
Single-Family										
Attached . . . . .	5,848	322	3,855	3,092	55.07	0.66	0.53	11.97	9.60	9.0
2 to 4 Units . . . . .	10,507	924	10,249	8,220	87.91	0.98	0.78	11.10	8.90	3.8
5 or More Units . . . . .	9,939	798	10,779	8,645	80.26	1.08	0.87	13.51	10.84	5.2
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,903	816	9,438	7,570	103.27	1.19	0.96	11.57	9.28	3.9
1,001 to 2,000 . . . . .	38,104	2,864	32,053	25,707	75.16	0.84	0.67	11.19	8.98	2.3
2,001 to 5,000 . . . . .	79,655	4,510	48,411	38,826	56.62	0.61	0.49	10.73	8.61	2.1
5,001 to 10,000 . . . . .	11,645	614	6,621	5,310	52.74	0.57	0.46	10.78	8.65	5.2
10,001 to 25,000 . . . . .	3,946	254	3,338	2,677	64.28	0.85	0.68	13.16	10.56	8.4
25,001 to 50,000 . . . . .	1,182	88	1,498	1,202	74.72	1.27	1.02	16.97	13.61	16.4
50,001 to 100,000 . . . . .	986	71	1,099	881	72.45	1.11	0.89	15.38	12.34	18.1
100,001 to 200,000 . . . . .	434	41	617	495	94.27	1.42	1.14	15.10	12.11	18.8
Over 200,000 . . . . .	346	30	Q	Q	85.33	1.26	1.01	14.72	11.80	29.4
Year Constructed										
1939 or Before . . . . .	44,357	3,126	31,996	25,660	70.48	0.72	0.58	10.23	8.21	3.0
1940 to 1949 . . . . .	11,133	784	8,368	6,711	70.40	0.75	0.60	10.68	8.56	4.3
1950 to 1959 . . . . .	23,300	1,578	16,411	13,161	67.74	0.70	0.56	10.40	8.34	3.1
1960 to 1969 . . . . .	26,662	1,808	20,572	16,498	67.81	0.77	0.62	11.38	9.13	3.4
1970 to 1979 . . . . .	35,688	1,862	24,245	19,445	52.17	0.68	0.54	13.02	10.44	3.2
1980 to 1981 . . . . .	3,060	130	1,921	1,540	42.55	0.63	0.50	14.75	11.83	8.4

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

**Table R9.81p. Total and Average Primary Consumption and Expenditures for Electricity in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	1.2	1.5	1.3	1.3	1.1	0.9	0.9	0.6	0.6	
All Buildings . . . . .	144,183	7,414	55,855	44,796	51.42	0.39	0.31	7.53	6.04	1.7
Census Region										
Northeast . . . . .	35,083	1,216	12,549	10,064	34.66	0.36	0.29	10.32	8.28	3.3
Midwest . . . . .	41,473	1,708	12,473	10,003	41.19	0.30	0.24	7.30	5.86	3.6
South . . . . .	42,582	3,080	21,641	17,356	72.32	0.51	0.41	7.03	5.64	2.8
West . . . . .	25,045	1,410	9,193	7,372	56.29	0.37	0.29	6.52	5.23	3.4
Census Division										
New England . . . . .	8,343	278	2,825	2,265	33.38	0.34	0.27	10.14	8.14	4.7
Middle Atlantic . . . . .	26,741	938	9,724	7,799	35.06	0.36	0.29	10.37	8.32	4.0
East North Central . . . . .	28,134	1,110	8,406	6,742	39.45	0.30	0.24	7.57	6.07	5.4
West North Central . . . . .	13,339	598	4,067	32,622	44.87	0.30	0.24	6.80	5.45	5.8
South Atlantic . . . . .	21,932	1,458	10,793	8,656	66.49	0.49	0.39	7.40	5.94	4.9
East South Central . . . . .	9,261	776	4,627	3,711	83.77	0.50	0.40	5.96	4.78	4.8
West South Central . . . . .	11,389	845	6,220	4,989	74.24	0.55	0.44	7.36	5.90	4.5
Mountain . . . . .	6,117	334	2,203	1,767	54.57	0.36	0.29	6.60	5.29	9.6
Pacific . . . . .	18,927	1,076	6,990	5,606	56.84	0.37	0.30	6.50	5.21	4.0
Type of Home										
Mobile Home . . . . .	3,693	385	2,684	2,153	104.20	0.73	0.58	6.98	5.60	6.3
Single-Family										
Detached . . . . .	14,199	5,576	40,721	32,658	48.82	0.36	0.29	7.30	5.86	2.1
Single-Family										
Attached . . . . .	5,846	233	1,988	1,594	39.79	0.34	0.27	8.55	6.85	10.8
2 to 4 Units . . . . .	10,507	526	4,521	3,626	50.02	0.43	0.35	8.60	6.90	4.6
5 or More Units . . . . .	9,939	695	5,942	4,765	69.94	0.60	0.48	8.55	6.85	4.9
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,884	753	5,480	4,395	95.49	0.70	0.56	7.28	5.84	3.6
1,001 to 2,000 . . . . .	38,104	2,581	18,811	15,086	67.73	0.49	0.40	7.29	5.85	2.5
2,001 to 5,000 . . . . .	79,655	3,242	24,545	19,685	40.70	0.31	0.25	7.57	6.07	2.6
5,001 to 10,000 . . . . .	11,645	395	3,072	2,464	33.91	0.26	0.21	7.78	6.24	5.7
10,001 to 25,000 . . . . .	3,946	246	1,951	1,565	62.27	0.49	0.40	7.94	6.37	9.6
25,001 to 50,000 . . . . .	1,182	95	924	741	80.43	0.78	0.63	9.72	7.79	17.2
50,001 to 100,000 . . . . .	986	53	559	448	54.25	0.57	0.45	10.45	8.38	17.8
100,001 to 200,000 . . . . .	434	29	313	251	67.86	0.72	0.58	10.65	8.54	22.3
Over 200,000 . . . . .	346	19	201	161	56.11	0.58	0.47	10.34	8.29	34.4
Year Constructed										
1939 or Before . . . . .	44,342	1,601	13,067	10,479	36.10	0.29	0.24	8.16	6.55	3.1
1940 to 1949 . . . . .	11,133	566	4,246	3,405	50.82	0.38	0.31	7.50	6.02	5.3
1950 to 1959 . . . . .	23,300	1,104	8,491	6,810	47.38	0.36	0.29	7.69	6.17	3.2
1960 to 1969 . . . . .	26,659	1,520	11,667	9,357	57.00	0.44	0.35	7.68	6.16	3.6
1970 to 1979 . . . . .	35,688	2,385	16,785	13,462	66.84	0.47	0.38	7.04	5.64	3.4
1980 to 1981 . . . . .	3,060	238	1,599	1,283	77.84	0.52	0.42	6.71	5.38	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.  
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**Table R9.81s. Total and Average Site Consumption and Expenditures for Electricity in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	1.2	1.5	1.3	1.3	1.1	0.9	0.9	0.6	0.6	
All Buildings . . . . .	144,183	2,420	55,855	44,796	16.78	0.39	0.31	23.08	18.51	1.7
Census Region										
Northeast . . . . .	35,083	397	12,549	10,064	11.31	0.36	0.29	31.62	25.36	3.3
Midwest . . . . .	41,473	558	12,473	10,003	13.44	0.30	0.24	22.37	17.94	3.6
South . . . . .	42,582	1,005	21,641	17,356	23.60	0.51	0.41	21.53	17.27	2.8
West . . . . .	25,045	460	9,193	7,372	18.37	0.37	0.29	19.98	16.02	3.4
Census Division										
New England . . . . .	8,343	91	2,825	2,265	10.89	0.34	0.27	31.08	24.93	4.7
Middle Atlantic . . . . .	26,741	306	9,724	7,799	11.44	0.36	0.29	31.78	25.49	4.0
East North Central . . . . .	28,134	362	8,406	6,742	12.88	0.30	0.24	23.20	18.61	5.4
West North Central . . . . .	13,339	195	4,067	3,262	14.64	0.30	0.24	20.82	16.70	5.8
South Atlantic . . . . .	21,932	476	10,793	8,656	21.70	0.49	0.39	22.68	18.19	4.9
East South Central . . . . .	9,261	253	4,627	3,711	27.34	0.50	0.40	18.27	14.66	4.8
West South Central . . . . .	11,389	276	6,220	4,989	24.23	0.55	0.44	22.54	18.08	4.5
Mountain . . . . .	6,117	109	2,203	1,767	17.81	0.36	0.29	20.22	16.21	9.6
Pacific . . . . .	18,927	351	6,990	5,606	18.55	0.37	0.30	19.91	15.96	4.0
Type of Home										
Mobile Home . . . . .	3,693	126	2,684	2,153	34.01	0.73	0.58	21.38	17.14	6.3
Single-Family										
Detached . . . . .	114,199	1,820	40,721	32,658	15.93	0.36	0.29	22.38	17.95	2.1
Single-Family										
Attached . . . . .	5,846	76	1,988	1,594	12.99	0.34	0.27	26.18	21.00	10.8
2 to 4 Units . . . . .	10,507	172	4,521	3,626	16.33	0.43	0.35	26.36	21.14	4.6
5 or More Units . . . . .	9,939	227	5,942	4,765	22.83	0.60	0.48	26.19	21.00	4.9
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	7,884	246	5,480	4,395	31.17	0.70	0.56	22.30	17.89	3.6
1,001 to 2,000 . . . . .	38,104	842	18,811	15,086	22.11	0.49	0.40	22.33	17.91	2.5
2,001 to 5,000 . . . . .	79,655	1,058	24,545	19,685	13.28	0.31	0.25	23.20	18.60	2.6
5,001 to 10,000 . . . . .	11,645	129	3,072	2,464	11.07	0.26	0.21	23.84	19.12	5.7
10,001 to 25,000 . . . . .	3,946	80	1,951	1,565	20.32	0.49	0.40	24.33	19.51	9.6
25,001 to 50,000 . . . . .	1,182	31	924	741	26.25	0.78	0.63	29.78	23.88	17.2
50,001 to 100,000 . . . . .	986	17	559	448	17.70	0.57	0.45	32.01	25.67	17.8
100,001 to 200,000 . . . . .	434	10	313	251	22.15	0.72	0.58	32.62	26.16	22.3
Over 200,000 . . . . .	346	6	201	161	18.31	0.58	0.47	31.69	25.41	7.2
Year Constructed										
1939 or Before . . . . .	44,342	522	13,067	10,479	11.78	0.29	0.24	25.01	20.06	3.1
1940 to 1949 . . . . .	11,133	185	4,246	3,405	16.58	0.38	0.31	22.99	18.44	5.3
1950 to 1959 . . . . .	23,300	360	8,491	6,810	15.46	0.36	0.29	23.57	18.90	3.2
1960 to 1969 . . . . .	26,659	496	11,667	9,357	18.60	0.44	0.35	23.52	18.87	3.6
1970 to 1979 . . . . .	35,688	779	16,785	13,462	21.81	0.47	0.38	21.56	17.29	3.4
1980 to 1981 . . . . .	3,060	78	1,599	1,283	25.41	0.52	0.42	20.57	16.50	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 1981 Residential Energy Consumption Survey.

**Table R10.81. Total and Average Consumption and Expenditures for Natural Gas in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	1.6	1.7	1.6	1.6	1.0	0.9	0.9	0.4	0.4	
All Buildings . . . . .	92,768	5,273	29,959	24,027	56.84	0.32	0.26	5.68	4.56	2.1
Census Region										
Northeast . . . . .	20,232	1,007	7,258	5,821	49.75	0.36	0.29	7.21	5.78	6.4
Midwest . . . . .	31,952	2,223	11,581	9,288	69.58	0.36	0.29	5.21	4.18	3.1
South . . . . .	22,242	1,148	6,632	5,319	51.62	0.30	0.24	5.78	4.63	4.9
West . . . . .	18,341	895	4,488	3,599	48.80	0.24	0.20	5.01	4.02	2.8
Census Division										
New England . . . . .	3,345	169	1,498	1,202	50.53	0.45	0.36	8.86	7.11	8.1
Middle Atlantic . . . . .	16,888	838	5,760	4,619	49.60	0.34	0.27	6.88	5.52	7.4
East North Central . . . . .	22,241	1,667	8,836	7,086	74.94	0.40	0.32	5.30	4.25	3.4
West North Central . . . . .	9,711	556	2,745	2,202	57.30	0.28	0.23	4.93	3.96	6.6
South Atlantic . . . . .	9,142	448	2,929	2,349	48.98	0.32	0.26	6.54	5.25	7.5
East South Central . . . . .	4,365	236	1,216	975	54.02	0.28	0.22	5.15	4.13	5.1
West South Central . . . . .	8,735	465	2,488	1,995	53.19	0.28	0.23	5.35	4.29	6.0
Mountain . . . . .	4,654	278	1,397	1,120	59.78	0.30	0.24	5.02	4.03	5.2
Pacific . . . . .	13,687	617	3,091	2,479	45.07	0.23	0.18	5.01	4.02	3.1
Type of Home										
Mobile Home . . . . .	1,233	118	644	516	95.46	0.52	0.42	5.47	4.39	11.4
Single-Family										
Detached . . . . .	72,406	4,056	22,096	17,721	56.02	0.31	0.24	5.45	4.37	2.3
Single-Family										
Attached . . . . .	4,180	192	1,262	1,012	45.84	0.30	0.24	6.59	5.28	8.4
2 to 4 Units . . . . .	8,494	579	3,795	3,044	68.11	0.45	0.36	6.57	5.26	5.1
5 or More Units . . . . .	6,455	329	2,162	1,734	50.95	0.33	0.27	5.41	5.27	6.8
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	4,196	428	2,316	1,858	101.95	0.55	0.44	5.41	4.34	4.7
1,001 to 2,000 . . . . .	24,903	1,653	9,142	7,332	66.38	0.37	0.29	5.53	4.44	2.6
2,001 to 5,000 . . . . .	51,255	2,671	15,261	12,239	52.10	0.30	0.24	5.71	4.58	3.0
5,001 to 10,000 . . . . .	8,202	346	2,007	1,609	42.18	0.24	0.20	5.80	4.65	6.8
10,001 to 25,000 . . . . .	2,420	114	734	589	47.30	0.30	0.24	6.41	5.14	9.0
25,001 to 50,000 . . . . .	646	23	191	153	34.97	0.30	0.24	8.45	6.78	30.1
50,001 to 100,000 . . . . .	525	17	135	108	32.98	0.26	0.21	7.78	6.24	28.4
100,001 to 200,000 . . . . .	337	11	78	63	32.12	0.23	0.19	7.23	5.80	28.2
Over 200,000 . . . . .	285	11	95	76	37.37	0.33	0.27	8.94	7.17	35.2
Year Constructed										
1939 or Before . . . . .	31,575	1,893	11,063	8,873	59.94	0.35	0.28	5.85	4.69	3.5
1940 to 1949 . . . . .	7,498	466	2,635	2,113	62.12	0.35	0.28	5.66	4.54	4.5
1950 to 1959 . . . . .	17,047	977	5,241	4,203	57.32	0.31	0.25	5.36	4.30	4.1
1960 to 1969 . . . . .	18,243	1,049	6,007	4,818	57.49	0.33	0.26	5.73	4.59	4.0
1970 to 1979 . . . . .	17,306	844	4,770	3,825	48.77	0.28	0.22	5.65	4.53	4.5
1980 to 1981 . . . . .	1,099	45	243	195	40.91	0.22	0.18	5.40	4.33	14.1

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.  
 Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.  
 • See "Glossary" for definition of terms used in this report.  
 Source: Energy Information Administration, Office of Energy Markets and End Use, Form EIA-457 of the 1981 Residential Energy Consumption Survey.

**Table R11.81. Total and Average Consumption and Expenditures for Fuel Oil<sup>1</sup> in Residential Buildings, 1981**

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	1981 Dollars		1987 Dollars	1981 Dollars	1987 Dollars	1981 Dollars	
RSE Column Factors:	2.4	2.4	2.4	2.4	1.6	1.6	1.6	0.1	0.1	
All Buildings . . . . .	28,875	1,281	14,199	11,387	44.38	0.49	0.39	11.08	8.89	2.1
Census Region										
Northeast . . . . .	17,979	925	10,287	8,250	51.46	0.57	0.46	11.12	8.92	2.4
Midwest . . . . .	5,070	185	2,013	1,614	36.52	0.40	0.32	10.87	8.72	6.2
South . . . . .	4,654	140	1,554	1,247	29.97	0.33	0.27	11.14	8.94	9.5
West . . . . .	1,171	32	344	276	26.93	0.29	0.24	10.91	8.75	7.7
Census Division										
New England . . . . .	5,136	258	2,890	2,318	50.23	0.56	0.45	11.20	8.98	3.2
Middle Atlantic . . . . .	12,842	667	7,397	5,933	51.95	0.58	0.46	11.09	8.89	3.0
East North Central . . . . .	3,800	134	1,465	1,175	35.36	0.39	0.31	10.90	8.74	8.0
West North Central . . . . .	1,270	51	548	440	39.98	0.43	0.35	10.79	8.66	13.4
South Atlantic . . . . .	4,165	124	1,382	1,108	29.68	0.33	0.27	11.18	8.96	10.6
East South Central . . . . .	464	14	157	126	31.19	0.34	0.27	10.85	8.70	16.7
West South Central . . . . .	Q	Q	Q	Q	Q	Q	Q	11.05	8.86	0.0
Mountain . . . . .	Q	Q	Q	Q	Q	Q	Q	10.72	8.60	20.7
Pacific . . . . .	1,014	28	304	244	27.45	0.30	0.24	10.93	8.77	8.0
Type of Home										
Mobile Home . . . . .	529	37	420	337	69.81	0.80	0.64	11.39	9.14	9.3
Single-Family										
Detached . . . . .	22,712	781	8,647	6,935	34.39	0.38	0.31	11.07	8.88	2.5
Single-Family										
Attached . . . . .	1,364	54	602	483	39.82	0.44	0.35	11.09	8.89	17.4
2 to 4 Units . . . . .	2,121	167	1,855	1,488	78.85	0.87	0.70	11.09	8.90	6.8
5 or More Units . . . . .	2,149	242	2,674	2,145	112.53	1.24	1.00	11.06	8.87	5.5
Building Floorspace (square feet)										
Fewer than 1,001 . . . . .	1,030	75	847	679	72.80	0.82	0.66	11.30	9.06	6.5
1,001 to 2,000 . . . . .	4,594	240	2,674	2,144	52.34	0.58	0.47	11.12	8.92	6.6
2,001 to 5,000 . . . . .	17,946	669	7,402	5,936	37.29	0.41	0.33	11.06	8.87	2.8
5,001 to 10,000 . . . . .	3,625	135	1,486	1,192	37.17	0.41	0.33	11.03	8.84	6.0
10,001 to 25,000 . . . . .	656	58	636	510	87.72	0.97	0.78	11.07	8.88	10.4
25,001 to 50,000 . . . . .	Q	Q	Q	Q	98.93	1.09	0.88	11.06	8.87	3.6
50,001 to 100,000 . . . . .	377	37	406	325	97.25	1.08	0.86	11.06	8.87	17.5
100,001 to 200,000 . . . . .	160	20	226	181	127.55	1.41	1.13	11.04	8.86	9.0
Over 200,000 . . . . .	Q	Q	Q	Q	92.04	1.02	0.82	11.05	8.86	16.5
Year Constructed										
1939 or Before . . . . .	12,351	580	6,442	5,167	46.95	0.52	0.42	11.11	8.91	3.8
1940 to 1949 . . . . .	2,545	115	1,266	1,015	45.14	0.50	0.40	11.02	8.84	5.6
1950 to 1959 . . . . .	5,333	223	2,456	1,970	41.72	0.46	0.37	11.04	8.85	4.5
1960 to 1969 . . . . .	4,067	215	2,378	1,907	52.91	0.58	0.47	11.05	8.86	3.7
1970 to 1979 . . . . .	4,489	147	1,631	1,308	32.65	0.36	0.29	11.13	8.92	5.7
1980 to 1981 . . . . .	Q	Q	Q	Q	25.59	0.28	0.23	11.02	8.84	14.9

<sup>1</sup> 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 1981 Residential Energy Consumption Survey.