Table R8.80p. Total and Average Primary Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1980

Residential buildings, 1900												
	Total				Average							
			-	ditures dollars)	Expenditures (dollars per sq.ft.)		rs per	Expend (dolla million				
Building Characteristics	Floorspace (million sq.ft.)	Consumption (trillion Btu)	1987 Dollars	1980 Dollars	Consumption (thousand Btu per sq.ft.)	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	RSE Row		
RSE Column Factors:	1.4	1.3	1.5	1.5	0.8	0.9	0.9	0.6	0.6	Fac- tors		
All Buildings	142,495	14,382	102,735	75,613	100.93	0.72	0.53	7.14	5.26	1.3		
Census Region												
Northeast	34,849	3,273	31,229	22,984	93.91	0.90	0.66	9.54	7.02	1.9		
Midwest	40,796	4,190	26,389	19,422	102.70	0.65	0.48	6.30	4.64	1.8		
South	42,182	4,741	32,233		112.39	0.76	0.56			3.0		
West	24,668	2,178	12,885	9,483	88.30	0.52	0.38	5.91	4.35	2.1		
Census Division												
New England	8,860	777	7,789	5,733	87.68	0.88	0.65	10.03	7.38	3.8		
Middle Atlantic	25,988	2,496	23,440	17252	96.03	0.90	0.66	9.39	6.91	2.7		
East North Central	27,793	2,945	18,823	13,854	105.96	0.68	0.50	6.39	4.70	2.4		
West North Central	13,003	1,245	7,566	5,569	95.73	0.58	0.43	6.08	4.47	4.9		
South Atlantic	22,288	2,342	18,026	13,267	105.09	0.81	0.60	7.70	5.66	4.9		
East South Central	8,557	971	5,501	4,049	113.43	0.64	0.47	5.67	4.17	5.1		
West South Central	11,337	1,428	8,706	6,407	125.96	0.77	0.57	6.10		4.2		
Mountain	6,338 18,330	649 1,529	3,910 8,975	2,878 6,605	102.43 83.42	0.62 0.49	0.45 0.36	6.02 5.87	4.43 4.32	4.7 3.0		
	-,	,	-,	-,								
Type of Home  Mobile Home Single-Family	3,804	678	4,877	3,590	178.30	1.28	0.94	7.19	5.29	5.2		
Detached	12,941	10,448	71,219	52,417	92.51	0.63	0.46	6.82	5.02	1.8		
Attached	6,071	559	4,493	3,307	92.00	0.74	0.54	8.04	5.92	6.4		
2 to 4 Units	10,790	1,468	11,347	8,352	136.08	1.05	0.77	7.73		4.4		
5 or More Units	8,889	1,228	10,799	7,948	138.14	1.21	0.89	8.79	6.47	6.0		
Building Floorspace												
(square feet)	7 704	4 400	0.055	7.050	400.00	4.00	0.00	0.04	<b>5.00</b>	0.0		
Fewer than 1,001	7,791	1,426	9,855	7,253	183.06	1.26	0.93	6.91	5.09	3.3		
1,001 to 2,000	37,212 79,248	4,562 6,736	30,954 47,868	22,782 35,231	122.60 85.00	0.83 0.60	0.61 0.44	6.78 7.11	4.99 5.23	2.3 1.9		
5,001 to 10,000	11,789	854	6,398	4,709	72.48	0.60	0.44		5.23	5.2		
10,001 to 25,000	3,288	348	2,871	2,113	105.69	0.34	0.40	8.26	6.08	13.5		
25,001 to 50,000	1,046	164	1,662		156.83	1.59	1.17	10.13				
50,001 to 100,000	910	127		1,026	139.39	1.53	1.13		8.09			
100,001 to 200,000	767	106	1,088		138.39	1.42	1.04	10.25	7.55			
Over 200,000	445	58	646		130.50	1.45	1.07	11.12				
Year Constructed												
1939 or Before	43,283	4,136	31,526	23,203	95.55	0.73	0.54	7.62	5.61	2.5		
1940 to 1949	11,861	1,280	9,274	6,826	107.89	0.78	0.58	7.25	5.33	3.9		
1950 to 1959	23,703	2,465	17,374	12,787	104.00	0.73	0.54	7.05	5.19	3.9		
1960 to 1969	26,207	2,700	18,451	13,580	103.01	0.70	0.52		5.03	2.9		
1970 to 1979	34,323	3,525	24,150	17,775	102.71	0.70	0.52	6.85	5.04	3.1		
1980	3,119	276	1,960	1,442	88.61	0.63	0.46	7.09	5.22	9.9		
	-,		,	, -								

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 1980 Residential Energy Consumption Survey.

Table R8.80s. Total and Average Site Consumption and Expenditures for All Major Energy Sources in Residential Buildings, 1980

Reside	ential bulluling	3, 1300									
	Total				Average						
			Expen	ditures dollars)		Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)			
Building Characteristics	Floorspace (million sq.ft.)	Consumption (trillion Btu)	1987 Dollars	1980 Dollars	Consumption (thousand Btu per sq.ft.)	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	RSE Row	
RSE Column Factors:	1.3	1.3	1.3	1.3	0.9	0.9	0.9	0.7	0.7	Fac- tors	
All Buildings	142,495	9,317	102,735	75,613	65.39	0.72	0.53	11.03	8.12	1.4	
Census Region											
Northeast	34,849	2,443	31,229	22,984	70.11	0.90	0.66	12.78	9.41	2.5	
Midwest	40,796	2,962	26,389	19,422	72.60	0.65	0.48	8.91	6.56	1.9	
South	42,182	2,570	32,233	23,723	60.93	0.76	0.56	12.54	9.23	3.3	
West	24,668	1,342	12,885	9,483	54.40	0.52	0.38	9.60	7.07	2.3	
Census Division											
New England	8,860	575	7,789	5,733	64.86	0.88	0.65	13.55	9.98	4.4	
Middle Atlantic	25,988	1,869	23,440	17,252	71.90	0.90	0.66	12.54	9.23	3.3	
East North Central	27,793	2,113	18,823	13,854	76.02	0.68	0.50	8.91	6.56	2.4	
West North Central	13,003	849	7,566	5,569	65.31	0.58	0.43	8.91	6.56	5.1	
South Atlantic	22,288	1,272	18,026	13,267	57.06	0.81	0.60	14.17	10.43	5.5	
East South Central	8,557	477	5,501	4,049	55.70	0.64	0.47	11.54	8.50	5.9	
West South Central	11,337	822	8,706	6,407	72.48	0.77	0.57	10.59			
Mountain	6,338	430	3,910	2,878	67.91	0.62		9.08		6.0	
Pacific	18,330	911	8,975	6,605	49.73	0.49	0.36	9.85	7.25	2.9	
Type of Home											
Mobile Home	3,804	381	4,877	3,590	100.27	1.28	0.94	12.79	9.41	5.7	
Detached	112,941	6,629	71,219	52,417	58.69	0.63	0.46	10.74	7.91	1.9	
Attached	6,071	394	4,493	3,307	64.91	0.74	0.54	11.40	8.39	6.6	
2 to 4 Units	10,790	1,115	11,347	8,351	103.33	1.05	0.77	10.18	7.49	4.7	
5 or More Units	8,889	798	10,799	7,948	89.76	1.21	0.89	13.53	9.96	6.1	
Building Floorspace (square feet)											
Fewer than 1,001	7,791	874	9,855	7,253	112.21	1.26	0.93	11.27	8.30	3.7	
1,001 to 2,000	37,212	2,834	30,954	22,782	76.17	0.83	0.93	10.92			
2,001 to 5,000	79,248	4,502	47,868	35,231	56.81	0.60	0.44	10.63			
5,001 to 10,000	11,789	564	6,398	4,709	47.83	0.54	0.40	11.35			
10,001 to 25,000	3,288	231	2,871	2,113	70.21	0.87	0.64	12.43			
25,001 to 50,000	1,046	115	1,662	1,223	109.83	1.59	1.17	14.47	10.65		
50,001 to 100,000	910	95		1,026	104.68	1.53					
100,001 to 200,000	767	64	1,088	801	82.88	1.42	1.04	17.12			
Over 200,000	445	38	646	475	85.70	1.45	1.07	16.94			
Year Constructed											
1939 or Before	43,283	3,107	31,526	23,203	71.80	0.73	0.54	10.15	7.47	2.7	
1940 to 1949	11,861	891	9,274	6,826	75.16	0.78	0.58	10.40			
1950 to 1959	23,703	1,672	17,374	12,787	70.54	0.73	0.54	10.39			
1960 to 1969	26,207	1,700	18,451	13,580	64.85	0.70	0.52	10.86			
1970 to 1979	34,323	1,809	24,150	17,775	52.69	0.70	0.52	13.35	9.83	3.3	
1980	3,118	137	1,960	1,442	44.19	0.63	0.46	14.22	10.47	11.3	

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 1980 Residential Energy Consumption Survey.

Table R9.80p. Total and Average Primary Consumption and Expenditures for Electricity in Residential Buildings, 1980

	193, 1300	Average								
			Expend (million	ditures dollars)		Expenditures (dollars per sq.ft.)		Expenditures (dollars per million Btu)		
Building Characteristics	Floorspace (million sq.ft.)	Consumption (trillion Btu)	1987 Dollars	1980 Dollars	Consumption (thousand Btu per sq.ft.)	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	RSE Row
RSE Column Factors:	1.2	1.4	1.3	1.3	1.0	0.9	0.9	0.6	0.6	Fac- tors
All Buildings	142,480	7,541	55,446	40,808	52.93	0.39	0.29	7.35	5.41	1.8
Census Region										
Northeast	34,849	1,235	12,339	9,082	35.44	0.35	0.26	9.99	7.35	3.1
Midwest	40,796	1,828	13,176	9,697	44.81	0.32		7.21	5.30	
South	42,171	3,232		16,153	76.65	0.52		6.79	5.00	
West	24,665	1,245	7,984	5,876	50.49	0.32	0.24	6.41	4.72	3.5
Census Division		224							=	
New England	8,860	301	2,953	2,173	33.98	0.33	0.25	9.81	7.22	
Middle Atlantic	25,988	934	9,386	6,908	35.93	0.36	0.27	10.05	7.40	
East North Central	27,793 13,003	1,239 589	9,070 4,105	6,676 3,022	44.59 45.29	0.33 0.32	0.24 0.23	7.32 6.97	5.39 5.13	
South Atlantic	22,288	1,594	11,724	8,629	71.52	0.52	0.23	7.35	5.13	5.6
East South Central	8,545	736	4,158	3,060	86.08	0.49	0.36	5.65	4.16	
West South Central	11,337	903		4,463	79.63	0.53	0.39	6.72		
Mountain	6,335	326	,	1,672	51.44	0.36	0.26	6.97		
Pacific	18,330	920	,		50.17	0.31	0.23	6.21	4.57	
Type of Home										
Mobile Home	3,804	442	2,982	2,195	116.20	0.78	0.58	6.75	4.97	6.3
Detached	12,926	5,687	40,438	29,763	50.36	0.36	0.26	7.11	5.23	2.3
Attached	6,071	24	2,113	1,555	40.34	0.35	0.26	8.63	6.35	7.5
2 to 4 Units	10,790	526		3,371	48.77	0.42		8.70		5.8
5 or More Units	8,889	640			72.03	0.60	0.44	8.33	6.13	6.5
Building Floorspace										
(square feet)	7 776	900	F 000	4 245	105.70	0.75	0.55	7 10	F 0F	2.4
Fewer than 1,001	7,776 37,212	822 2,573	,	4,315 13,425	105.70 69.14	0.75 0.49	0.55 0.36	7.13 7.09	5.25 5.22	
2,001 to 5,000	79,248	3,326	24,635	18,132	41.97	0.49	0.30	7.09	5.45	
5,001 to 10,000	11,789	433		2,382	36.71	0.31	0.23	7.41	5.50	
10,001 to 25,000	3,288	174	,	1,009	52.82	0.42		7.40	5.81	11.6
25,001 to 50,000	1,046	73	,	500	69.98	0.65	0.48	9.29	6.83	
50,001 to 100,000	910	47	529	389	51.69	0.58	0.43	11.24	8.27	
100,001 to 200,000	767	63		427	82.65	0.76	0.56	9.16	6.74	
Over 200,000	445	Q		Q	66.71	0.70	0.52	10.51	7.74	
Year Constructed										
1939 or Before	43,279	1,531	12,498	9,198	35.38	0.29	0.21	8.16	6.01	3.0
1940 to 1949	11,861	578	4,276	3,147	48.73	0.36	0.27	7.40	5.44	
1950 to 1959	23,695	1,181	8,927	6,570	49.83	0.38	0.28	7.56	5.57	3.8
1960 to 1969	26,203	1,489	10,568	7,778	56.82	0.40	0.30	7.10	5.22	3.5
1970 to 1979	34,323	2,556	17,655	12,994	74.47	0.51	0.38	6.91	5.08	3.5
1980	3,119	206	1,522	1,120	66.14	0.49	0.36	7.38	5.43	11.1

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.

<sup>•</sup> 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 1980 Residential Energy Consumption Survey.

Table R9.80s. Total and Average Site Consumption and Expenditures for Electricity in Residential Buildings, 1980

Proper	1900					+					
Properties   Pro		Total				Average					
Building Characteristics   RSE Colum Factors:   12				-			(dollars per		(dollars per		
RSE Column Factors:   1.2	Building Characteristics	-	•			(thousand Btu					Row
Census Region	RSE Column Factors:	1.2	1.4	1.3	1.3	1.0	0.9	0.9	0.6	0.6	
Northeast	All Buildings	142,480	2,477	55,446	40,808	17.38	0.39	0.29	22.39	16.48	1.8
Midwest	Census Region										
South   42,171   1,062   21,947   16,153   25,17   0,52   0,38   20,67   15,22   3.4	Northeast				,						
Censu Division											
New England			,								
New England   8,860   99   2,953   2,173   11,16   0,33   0,25   29,86   21,98   4,24	West	24,665	409	7,984	5,876	16.58	0.32	0.24	19.52	14.37	3.5
Middle Atlantic   25,988   307   9,386   6,908   11,80   0,36   0,27   30,61   22,53   3,9   East North Central   27,793   407   9,070   6,676   14,64   0,33   0,24   22,29   16,40   4,3   West North Central   13,003   193   4,105   3,022   14,88   0,32   0,23   21,23   15,62   3,9   South Atlantic   22,288   524   11,724   8,629   23,49   0,53   0,39   22,40   16,48   5,6   East South Central   8,545   242   4,158   3,060   28,27   0,49   0,36   17,21   12,67   6,3   West South Central   11,337   297   6,065   4,463   26,15   0,53   0,39   20,45   15,05   5,7   West South Central   18,330   302   5,712   4,204   16,48   0,31   0,23   18,91   13,92   4,1    Type of Home	Census Division										
East North Central	New England	8,860	99	2,953	2,173	11.16	0.33	0.25	29.86	21.98	4.2
West North Central	Middle Atlantic	25,988	307	9,386	6,908	11.80	0.36	0.27	30.61	22.53	3.9
South Atlantic   22,288   524   11,724   8,629   23,49   0.53   0.39   22,40   16,48   5.6	East North Central	27,793	407	9,070	6,676	14.64	0.33	0.24	22.29	16.40	4.3
East South Central											
West South Central											
Mountain         6,335         107         2,272         1,672         16.89         0.36         0.26         21.23         15.62         8.4           Pacific         18,330         302         5,712         4,204         16.88         0.36         0.26         21.23         15.62         8.4           Type of Home         Mobile Home         3,804         145         2,982         2,195         38.16         0.78         0.58         20.54         15.12         6.3           Single-Family         Detached         112,926         1,868         40,438         29,763         16.54         0.36         0.26         21.65         15.93         2.3           Single-Family         Attached         6,071         80         2,113         1,555         13.25         0.35         0.26         26.27         19.34         7.5         2 to 4 Units         10,790         173         4,580         3,371         16.02         0.42         0.31         26.50         19.50         5.8           Building Floorspace           (square feet)           Fewer than 1,001         7,776         270         5,836         4,315         34.71         0.75					,						
Pacific   18,330   302   5,712   4,204   16.48   0.31   0.23   18.91   13.92   4.11											
Type of Home  Mobile Home											
Mobile Home   3,804   145   2,982   2,195   38.16   0.78   0.58   20.54   15.12   6.3	Pacific	10,330	302	5,712	4,204	10.40	0.31	0.23	16.91	13.92	4.1
Single-Family   Detached   112,926   1,868   40,438   29,763   16.54   0.36   0.26   21.65   15.93   2.3   2.3   2.3   2.3   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.4   2.5	Type of Home										
Single-Family		3,804	145	2,982	2,195	38.16	0.78	0.58	20.54	15.12	6.3
2 to 4 Units 10,790 173 4,580 3,371 16.02 0.42 0.31 26.50 19.50 5.8 5 or More Units 8,889 210 5,332 3,924 23.66 0.60 0.44 25.36 18.66 6.5   **Building Floorspace** (square feet)  Fewer than 1,001 7,776 270 5.836 4,315 34.71 0.75 0.55 21.72 15.99 3.4 1,001 to 2,000 37,212 845 18,240 13,425 22.71 0.49 0.36 21.59 15.89 2.9 2,001 to 5,000 79,248 1,092 24,635 18,132 13.78 0.31 0.23 22.55 16.60 2.5 5,001 to 10,000 11,789 142 3,236 2,382 12.06 0.27 0.20 22.77 16.76 6.8 10,001 to 25,000 3,288 57 1,371 1,009 17.35 0.42 0.31 24.04 17.69 11.6 25,001 to 50,000 1,046 24 680 500 22.98 0.65 0.48 28.28 20.81 14.1 100,001 to 200,000 36 0.767 21 580 427 27.14 0.76 0.58 0.43 34.21 25.18 14.4 100,001 to 200,000 445 Q Q Q Q 21.91 0.70 0.52 32.02 23.56 27.6   **Year Constructed**  1939 or Before 43,279 503 12,498 9,198 11.62 0.29 0.21 24.85 18.29 3.0 1940 to 1949 11,861 190 4,276 3,147 16.00 0.36 0.27 22.53 16.58 4.7 1950 to 1959 23,695 388 8,927 6,570 16.36 0.40 0.30 21.61 15.91 3.5 1960 to 1969 23,695 388 8,927 6,570 16.36 0.40 0.30 21.61 15.91 3.5 1970 to 1979 34,323 839 17,655 12,994 24.46 0.51 0.38 21.03 15.48 3.5		112,926	1,868	40,438	29,763	16.54	0.36	0.26	21.65	15.93	2.3
Building Floorspace (square feet)         Second Procession of Square feet)<	Attached	6,071	80	2,113	1,555	13.25	0.35	0.26	26.27	19.34	7.5
Building Floorspace (square feet)  Fewer than 1,001											
Fewer than 1,001	5 or More Units	8,889	210	5,332	3,924	23.66	0.60	0.44	25.36	18.66	6.5
Fewer than 1,001         7,776         270         5,836         4,315         34.71         0.75         0.55         21.72         15.99         3.4           1,001 to 2,000         37,212         845         18,240         13,425         22.71         0.49         0.36         21.59         15.89         2.9           2,001 to 5,000         79,248         1,092         24,635         18,132         13.78         0.31         0.23         22.55         16.60         2.5           5,001 to 10,000         11,789         142         3,236         2,382         12.06         0.27         0.20         22.77         16.76         6.8           10,001 to 25,000         3,288         57         1,371         1,009         17.35         0.42         0.31         24.04         17.69         11.6         6.8           25,001 to 50,000         1,046         24         680         500         22.98         0.65         0.48         28.28         20.81         14.1           50,001 to 100,000         910         15         529         389         16.97         0.58         0.43         34.21         25.18         14.4           100,001 to 200,000         767         21											
1,001 to 2,000       37,212       845       18,240       13,425       22.71       0.49       0.36       21.59       15.89       2.9         2,001 to 5,000       79,248       1,092       24,635       18,132       13.78       0.31       0.23       22.55       16.60       2.5         5,001 to 10,000       11,789       142       3,236       2,382       12.06       0.27       0.20       22.77       16.76       6.8         10,001 to 25,000       3,288       57       1,371       1,009       17.35       0.42       0.31       24.04       17.69       11.6         25,001 to 50,000       1,046       24       680       500       22.98       0.65       0.48       28.28       20.81       14.1         50,001 to 100,000       910       15       529       389       16.97       0.58       0.43       34.21       25.18       14.4         100,001 to 200,000       767       21       580       427       27.14       0.76       0.56       27.89       20.52       18.0         Over 200,000       445       Q       Q       Q       21.91       0.70       0.52       32.02       23.56       27.6 <td< td=""><td>• •</td><td>7.776</td><td>270</td><td>5.836</td><td>4.315</td><td>34 71</td><td>0.75</td><td>0.55</td><td>21.72</td><td>15.99</td><td>3.4</td></td<>	• •	7.776	270	5.836	4.315	34 71	0.75	0.55	21.72	15.99	3.4
2,001 to 5,000       79,248       1,092       24,635       18,132       13.78       0.31       0.23       22.55       16.60       2.5         5,001 to 10,000       11,789       142       3,236       2,382       12.06       0.27       0.20       22.77       16.76       6.8         10,001 to 25,000       3,288       57       1,371       1,009       17.35       0.42       0.31       24.04       17.69       11.6         25,001 to 50,000       1,046       24       680       500       22.98       0.65       0.48       28.28       20.81       14.1         50,001 to 100,000       910       15       529       389       16.97       0.58       0.43       34.21       25.18       14.4         100,001 to 200,000       767       21       580       427       27.14       0.76       0.56       27.89       20.52       18.0         Year Constructed         1939 or Before       43,279       503       12,498       9,198       11.62       0.29       0.21       24.85       18.29       3.0         1940 to 1949       11,861       190       4,276       3,147       16.00       0.36       0.27       22.53	,										
5,001 to 10,000       11,789       142       3,236       2,382       12.06       0.27       0.20       22.77       16.76       6.8         10,001 to 25,000       3,288       57       1,371       1,009       17.35       0.42       0.31       24.04       17.69       11.6         25,001 to 50,000       1,046       24       680       500       22.98       0.65       0.48       28.28       20.81       14.1         50,001 to 100,000       910       15       529       389       16.97       0.58       0.43       34.21       25.18       14.4         100,001 to 200,000       767       21       580       427       27.14       0.76       0.56       27.89       20.52       18.0         Over 200,000       445       Q       Q       Q       Q       21.91       0.70       0.52       32.02       23.56       27.6         Year Constructed         1939 or Before       43,279       503       12,498       9,198       11.62       0.29       0.21       24.85       18.29       3.0         1940 to 1949       11,861       190       4,276       3,147       16.00       0.36       0.27       22.53<											
25,001 to 50,000       1,046       24       680       500       22.98       0.65       0.48       28.28       20.81       14.1         50,001 to 100,000       910       15       529       389       16.97       0.58       0.43       34.21       25.18       14.4         100,001 to 200,000       767       21       580       427       27.14       0.76       0.56       27.89       20.52       18.0         Over 200,000       445       Q       Q       Q       Q       21.91       0.70       0.52       32.02       23.56       27.6         Year Constructed         1939 or Before       43,279       503       12,498       9,198       11.62       0.29       0.21       24.85       18.29       3.0         1940 to 1949       11,861       190       4,276       3,147       16.00       0.36       0.27       22.53       16.58       4.7         1950 to 1959       23,695       388       8,927       6,570       16.36       0.38       0.28       23.02       16.95       3.8         1960 to 1969       26,203       489       10,568       7,778       18.66       0.40       0.30       21.61						12.06	0.27	0.20	22.77	16.76	6.8
50,001 to 100,000       910       15       529       389       16.97       0.58       0.43       34.21       25.18       14.4         100,001 to 200,000       767       21       580       427       27.14       0.76       0.56       27.89       20.52       18.0         Over 200,000       445       Q       Q       Q       Q       21.91       0.70       0.52       32.02       23.56       27.6         Year Constructed         1939 or Before       43,279       503       12,498       9,198       11.62       0.29       0.21       24.85       18.29       3.0         1940 to 1949       11,861       190       4,276       3,147       16.00       0.36       0.27       22.53       16.58       4.7         1950 to 1959       23,695       388       8,927       6,570       16.36       0.38       0.28       23.02       16.95       3.8         1960 to 1969       26,203       489       10,568       7,778       18.66       0.40       0.30       21.61       15.91       3.5         1970 to 1979       34,323       839       17,655       12,994       24.46       0.51       0.38       21.03 <td>10,001 to 25,000</td> <td>3,288</td> <td>57</td> <td>1,371</td> <td>1,009</td> <td>17.35</td> <td>0.42</td> <td>0.31</td> <td>24.04</td> <td>17.69</td> <td>11.6</td>	10,001 to 25,000	3,288	57	1,371	1,009	17.35	0.42	0.31	24.04	17.69	11.6
100,001 to 200,000       767       21       580       427       27.14       0.76       0.56       27.89       20.52       18.0         Over 200,000       445       Q       Q       Q       Q       21.91       0.70       0.52       32.02       23.56       27.6         Year Constructed         1939 or Before       43,279       503       12,498       9,198       11.62       0.29       0.21       24.85       18.29       3.0         1940 to 1949       11,861       190       4,276       3,147       16.00       0.36       0.27       22.53       16.58       4.7         1950 to 1959       23,695       388       8,927       6,570       16.36       0.38       0.28       23.02       16.95       3.8         1960 to 1969       26,203       489       10,568       7,778       18.66       0.40       0.30       21.61       15.91       3.5         1970 to 1979       34,323       839       17,655       12,994       24.46       0.51       0.38       21.03       15.48       3.5	25,001 to 50,000	1,046	24	680	500	22.98	0.65	0.48	28.28	20.81	14.1
Over 200,000         445         Q         Q         Q         Q         21.91         0.70         0.52         32.02         23.56         27.6           Year Constructed           1939 or Before         43,279         503         12,498         9,198         11.62         0.29         0.21         24.85         18.29         3.0           1940 to 1949         11,861         190         4,276         3,147         16.00         0.36         0.27         22.53         16.58         4.7           1950 to 1959         23,695         388         8,927         6,570         16.36         0.38         0.28         23.02         16.95         3.8           1960 to 1969         26,203         489         10,568         7,778         18.66         0.40         0.30         21.61         15.91         3.5           1970 to 1979         34,323         839         17,655         12,994         24.46         0.51         0.38         21.03         15.48         3.5	50,001 to 100,000	910		529	389	16.97	0.58	0.43	34.21	25.18	14.4
Year Constructed       1939 or Before     43,279     503     12,498     9,198     11.62     0.29     0.21     24.85     18.29     3.0       1940 to 1949     11,861     190     4,276     3,147     16.00     0.36     0.27     22.53     16.58     4.7       1950 to 1959     23,695     388     8,927     6,570     16.36     0.38     0.28     23.02     16.95     3.8       1960 to 1969     26,203     489     10,568     7,778     18.66     0.40     0.30     21.61     15.91     3.5       1970 to 1979     34,323     839     17,655     12,994     24.46     0.51     0.38     21.03     15.48     3.5											
1939 or Before       43,279       503       12,498       9,198       11.62       0.29       0.21       24.85       18.29       3.0         1940 to 1949       11,861       190       4,276       3,147       16.00       0.36       0.27       22.53       16.58       4.7         1950 to 1959       23,695       388       8,927       6,570       16.36       0.38       0.28       23.02       16.95       3.8         1960 to 1969       26,203       489       10,568       7,778       18.66       0.40       0.30       21.61       15.91       3.5         1970 to 1979       34,323       839       17,655       12,994       24.46       0.51       0.38       21.03       15.48       3.5	Over 200,000	445	Q	Q	Q	21.91	0.70	0.52	32.02	23.56	27.6
1939 or Before       43,279       503       12,498       9,198       11.62       0.29       0.21       24.85       18.29       3.0         1940 to 1949       11,861       190       4,276       3,147       16.00       0.36       0.27       22.53       16.58       4.7         1950 to 1959       23,695       388       8,927       6,570       16.36       0.38       0.28       23.02       16.95       3.8         1960 to 1969       26,203       489       10,568       7,778       18.66       0.40       0.30       21.61       15.91       3.5         1970 to 1979       34,323       839       17,655       12,994       24.46       0.51       0.38       21.03       15.48       3.5	Year Constructed										
1940 to 1949     11,861     190     4,276     3,147     16.00     0.36     0.27     22.53     16.58     4.7       1950 to 1959     23,695     388     8,927     6,570     16.36     0.38     0.28     23.02     16.95     3.8       1960 to 1969     26,203     489     10,568     7,778     18.66     0.40     0.30     21.61     15.91     3.5       1970 to 1979     34,323     839     17,655     12,994     24.46     0.51     0.38     21.03     15.48     3.5		43,279	503	12,498	9,198	11.62	0.29	0.21	24.85	18.29	3.0
1950 to 1959     23,695     388     8,927     6,570     16.36     0.38     0.28     23.02     16.95     3.8       1960 to 1969     26,203     489     10,568     7,778     18.66     0.40     0.30     21.61     15.91     3.5       1970 to 1979     34,323     839     17,655     12,994     24.46     0.51     0.38     21.03     15.48     3.5											
1970 to 1979	1950 to 1959	23,695	388	8,927	6,570	16.36	0.38	0.28	23.02	16.95	3.8
· · · · · · · · · · · · · · · · · · ·		26,203	489	10,568	7,778	18.66	0.40	0.30	21.61	15.91	3.5
1980											
	1980	3,118	67	1,522	1,120	21.72	0.49	0.36	22.47	16.53	11.1

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.

<sup>•</sup> 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 1980 Residential Energy Consumption Survey.

Table R10.80. Total and Average Consumption and Expenditures for Natural Gas in Residential Buildings, 1980

1300		Average								
				ditures dollars)		(dollars per (d		(dolla	ditures rs per n Btu)	
Building Characteristics	Floorspace (million sq.ft.)	Consumption (trillion Btu)	1987 Dollars	1980 Dollars	Consumption (thousand Btu per sq.ft.)	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	RSE Row
RSE Column Factors:	1.5	1.6	1.5	1.5	0.8	0.9	0.9	0.5	0.5	Fac- tors
All Buildings	88,521	4,967	26,860	19,769	56.12	0.30	0.22	5.41	3.98	2.2
Census Region										
Northeast	18,810	943	6,850	5,042	50.12	0.36	0.27		5.35	
Midwest	29,375	2,045	9,913	7,296	69.63	0.34	0.25		3.57	
South	21,073 19,264	1,123 857	6,012 4,085		53.27 44.48	0.29 0.21	0.21 0.16	5.36 4.77		
Census Division										
New England	3,100	146	1,186	873	47.11	0.38	0.28	8.12	5.98	8.7
Middle Atlantic	15,710	797	5,664	4,168	50.71	0.36	0.27		5.23	
East North Central	19,989	1,493	7,478	5,504	74.67	0.37	0.28		3.69	
West North Central	9,386	553	2,435	1,792	58.89	0.26	0.19			
South Atlantic	8,291	427	2,707	1,992	51.48	0.33	0.24	6.34	4.67	9.1
East South Central	3,663	203	1,001	737	55.34	0.27	0.20	4.94	3.64	6.3
West South Central	9,119	493	2,304	1,696	54.06	0.25	0.19	4.67	3.44	6.5
Mountain	4,803	291	1,317	969	60.61	0.27	0.20			
Pacific	14,461	566	2,768	2,037	39.12	0.19	0.14	4.89	3.60	3.1
Type of Home										
Mobile Home	1,174	114	562	414	97.49	0.48	0.35	4.92	3.62	11.6
Detached	67,815	3,609	18,248	13,431	53.22	0.27	0.20	5.06	3.72	2.4
Single-Family										
Attached	5,024	219	1,352		43.60	0.27	0.20			
2 to 4 Units	8,432	719	4,301	3,166	85.21	0.51	0.38			
5 or More Units	6,076	306	2,396	1,763	50.43	0.39	0.29	7.82	5.75	8.4
Building Floorspace (square feet)										
Fewer than 1,001	4,200	440	2,195	1,616	104.83	0.52	0.38	4.98	3.67	5.2
1,001 to 2,000	23,365	1,561	8,022	5,904	66.82	0.34	0.25			
2,001 to 5,000	49,817	2,515	13,514	9,946	50.49	0.27	0.20		3.95	
5,001 to 10,000	6,813	285	1,665	1,226	41.79	0.24	0.18		4.30	
10,001 to 25,000	2,022	89	577	425	44.23	0.29	0.21	6.45	4.75	13.7
25,001 to 50,000	741	40	435	320	54.65	0.59	0.43	10.74	7.91	19.6
50,001 to 100,000	823	21	225	166	25.61	0.27	0.20	Q	Q	21.7
100,001 to 200,000	460	9	135		18.58	0.29	0.22			
Over 200,000	280	Q	Q	Q	Q	0.33	0.24	Q	Q	32.2
Year Constructed										
1939 or Before	29,618	1,748	9,682		59.01	0.33	0.24			
1940 to 1949	8,186	499	2,780		60.94	0.34	0.25			
1950 to 1959	16,805	982	5,127	3,773	58.41	0.31	0.22			
1960 to 1969	17,342	961 717	5,150		55.40	0.30	0.22 0.19		3.95	
1980	14,933 1,637	61	3,771 350	2,775 257	48.00 37.80	0.25 0.21	0.19			
1300	1,037	01	330	201	31.80	0.21	0.10	5.05	4.10	10.0

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

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

<sup>•</sup> 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 1980 Residential Energy Consumption Survey.

Table R11.80. Total and Average Consumption and Expenditures for Fuel Oil<sup>1</sup> in Residential Buildings, 1980

	Total				Average						
				ditures dollars)	Expenditures (dollars per sq.ft.)		rs per	Expend (dollar million	rs per		
Building Characteristics	Floorspace (million sq.ft.)	Consumption (trillion Btu)	1987 Dollars	1980 Dollars	Consumption (thousand Btu per sq.ft.)	1987 Dollars	1980 Dollars	1987 Dollars	1980 Dollars	RSE Row	
RSE Column Factors:	2.5	2.4	2.4	2.4	1.4	1.4	1.4	0.1	0.1	Fac- tors	
All Buildings	29,694	1,524	16,630	12,239	51.31	0.56	0.41	10.91	8.03	2.1	
Census Region											
Northeast	18,189	1,067	11,660	8,582	58.69	0.64	0.47	10.92	8.04	2.7	
Midwest	4,359	171	1,838	1,353	39.22	0.42	0.31	10.75	7.91	5.0	
South	5,956	249	2,746	2,021	41.81	0.46	0.34	11.02	8.11	6.3	
West	1,190	36	386	284	30.43	0.32	0.24	10.65	7.84	7.4	
Census Division						. = .		40.00			
New England	6,006	319	3,492	2,570	53.05		0.43	10.96	8.07	2.9	
Middle Atlantic  East North Central	12,182	749 128	8,168	6,012	61.47 39.00		0.49 0.31	10.91 10.83	8.03 7.97	3.7 5.3	
West North Central	3,284 1,075	43	1,388 450	1,021 331	39.89		0.31	10.63	7.97		
South Atlantic	5,645	241	2,663	1,960	42.77		0.31	11.03	8.12	6.5	
East South Central	290	Q	2,000 Q	1,500 Q	22.56		0.18	10.96	8.07	29.8	
West South Central	Q	Q	Q	Q	Q Q		Q	10.48	7.71	39.7	
Mountain	Q	Q	Q	Q	30.43		0.23	10.37	7.63		
Pacific	980	30	320	235	30.43	0.33	0.24	10.71	7.88	6.4	
Type of Home											
Mobile Home	679	42	470	346	62.00	0.69	0.51	11.16	8.22	7.1	
Detached	22,775	904	9,850	7,250	39.68	0.43	0.32	10.90	8.02	2.5	
Attached	1,743	89	966	711	51.02	0.55	0.41	10.86	8.00	8.0	
2 to 4 Units	2,389	213	2,336	1,719	89.24	0.98	0.72	10.96	8.07	5.1	
5 or More Units	2,108	276	3,007	2,213	130.80	1.43	1.05	10.90	8.03	4.2	
Building Floorspace											
(square feet) Fewer than 1.001	973	71	791	582	72.94	0.81	0.60	11.14	8.20	7.9	
1,001 to 2,000	5,180	296	3,251	2,393	72.94 57.23		0.60	10.96	8.20	4.0	
2,001 to 5,000	18,156	781	8,501	6,257	43.02		0.40	10.88	8.01	2.6	
5,001 to 10,000	3,163	129	1,401	1,031	40.83		0.33	10.85	7.99	5.9	
10,001 to 25,000	830	80	885	651	96.94		0.78	10.99	8.09	14.9	
25,001 to 50,000	352	50	547	403	143.01	1.55	1.14	10.87	8.00	10.9	
50,001 to 100,000	449	59	640	471	130.83	1.43	1.05	10.89	8.02	14.1	
100,001 to 200,000	288	34	373	274	118.51	1.29	0.95	10.91	8.03	16.2	
Over 200,000	302	22	241	178	73.66	0.80	0.59	10.84	7.98	13.3	
Year Constructed											
1939 or Before	13,804	749	8,173	6,015	54.24		0.44	10.91	8.03	3.3	
1940 to 1949	2,954	182	1,997	1,470	61.76		0.50	10.94	8.05	5.0	
1950 to 1959	5,471	261	2,849	2,097	47.73		0.38	10.91	8.03	6.0	
1960 to 1969	4,376	190	2,068	1,522	43.36		0.35	10.90	8.02		
1970 to 1979	2,975 113	137 Q	1,498	1,103	46.18 36.92		0.37 0.29	10.91 10.80	8.03 7.95	7.6 22.7	
1900	113	Q	Q	Q	30.92	0.40	0.29	10.00	1.90	22.1	

<sup>&</sup>lt;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.

<sup>•</sup> 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 1980 Residential Energy Consumption Survey.