

Table 1. Consumption and Expenditures in U.S. Households that Use Fuel Oil/Kerosene, 1990

Characteristics	Total Households (million)	Residential Buildings		Average Fuel Oil/Kerosene							
		Total Number (million)	Total Floorspace (billion sq. ft.)	Consumption				Expenditures			
				per Building (million Btu)	per Square Foot (thousand Btu)	per Household (million Btu)	per Household Member (million Btu)	per Building (dollars)	per Square Foot (dollars)	per Household (dollars)	per Household Member (dollars)
Total U.S. Households	16.3	13.5	33.2	77	31	63.9	23	609	0.25	506	181
Census Region and Division											
Northeast	8.9	6.4	19.3	121	40	87.7	32	950	0.32	690	253
New England	2.5	2.1	5.9	121	43	99.0	39	956	0.34	784	307
Middle Atlantic	6.3	4.4	13.4	121	39	83.2	30	947	0.31	652	234
Midwest	2.8	2.7	6.4	49	21	46.3	16	383	0.16	361	122
East North Central	2.3	2.2	5.2	47	20	44.6	15	368	0.16	352	116
West North Central	0.5	0.5	1.2	60	24	53.4	20	452	0.18	399	150
South	4.0	3.8	6.1	30	19	28.4	10	250	0.16	239	84
South Atlantic	3.1	3.0	4.8	33	20	31.5	11	280	0.17	265	94
East South Central	0.7	0.7	1.1	18	12	18.4	6	155	0.10	155	52
West South Central	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
West	0.6	0.6	1.5	33	14	32.8	13	258	0.11	258	101
Mountain	0.2	0.2	0.4	26	10	25.5	9	203	0.08	203	74
Pacific	0.5	0.5	1.1	35	15	35.4	14	277	0.12	277	111
Metropolitan Statistical Area											
Urban	11.5	9.0	24.1	87	32	67.7	24	682	0.26	534	192
Central City	3.9	2.3	6.9	96	32	57.1	21	719	0.24	428	158
Rural	7.6	6.7	17.2	83	32	73.2	26	669	0.26	588	208
Suburban	4.8	4.5	9.2	58	28	54.6	19	463	0.23	439	156
Climate Zone (1)											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	2.7	2.5	6.5	90	34	81.6	30	705	0.27	638	234
5,500 to 7,000 HDD	5.8	5.0	13.3	87	33	75.3	27	693	0.26	599	218
4,000 to 5,499 HDD	5.5	3.8	10.4	90	33	62.2	22	705	0.26	488	171
Fewer than 4,000 HDD	1.9	1.9	2.7	19	13	18.3	6	159	0.11	157	55
2,000 CDD or More and--											
Fewer than 4,000 HDD	0.3	0.3	0.4	16	13	15.7	6	157	0.13	157	56
Type and Ownership of Housing Unit											
Single-Family Detached	10.7	10.7	26.2	69	28	69.0	24	555	0.23	555	189
Owned	9.5	9.5	24.2	72	29	72.5	25	580	0.23	580	199
Rented	1.2	1.2	2.1	42	24	41.7	13	354	0.20	354	114
Single-Family Attached	1.0	1.0	2.1	59	29	59.1	19	482	0.23	482	154
Owned	0.7	0.7	1.6	62	27	61.6	20	499	0.22	499	161
Rented	0.3	0.3	0.5	53	35	53.2	17	442	0.29	442	137
Multifamily											
2 to 4 Units	1.4	0.5	2.0	227	57	83.7	35	1,839	0.47	679	283
Owned	0.4	0.1	0.9	255	42	94.0	40	2,098	0.34	774	332
Rented	1.0	0.4	1.1	215	71	79.4	33	1,733	0.57	639	263
5 or More Units	2.0	0.1	1.9	981	45	42.9	22	5,858	0.27	256	131
Owned	0.4	(*)	0.6	2,068	41	52.3	27	11,528	0.23	292	152
Rented	1.5	0.1	1.3	818	47	40.2	20	5,005	0.29	246	124
Mobile Homes	1.2	1.2	1.1	35	40	34.6	11	307	0.36	307	101
Owned	1.0	1.0	0.9	36	40	36.1	12	320	0.36	320	104
Rented	0.3	0.3	0.2	29	40	28.7	10	260	0.36	260	89

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				per Building (million Btu)	per Square Foot (thousand Btu)	per Household (million Btu)	per Household Member (million Btu)	per Building (dollars)	per Square Foot (dollars)	per Household (dollars)	per Household Member (dollars)	
Heated Floorspace (square feet)												
Fewer than 600	4.5	2.8	3.7	69	52	42.8	18	541	0.41	337	145	
600 to 999	6.1	5.5	11.2	62	30	55.2	19	496	0.24	444	156	
1,000 to 1,599	3.9	3.5	10.6	82	27	73.4	25	633	0.21	567	192	
1,600 to 1,999	1.8	1.7	7.7	129	29	127.5	38	1,028	0.23	1,018	300	
Number of Rooms												
1 to 2	1.5	0.5	1.2	124	53	41.4	25	896	0.38	299	180	
3 to 5	9.8	8.1	16.6	66	32	54.5	20	522	0.26	430	157	
6 to 8	5.0	4.9	15.5	90	29	89.4	28	724	0.23	719	222	
Ownership of Unit												
Owned	12.0	11.3	28.1	73	29	68.9	24	584	0.24	550	191	
Rented	4.3	2.2	5.1	97	41	49.9	20	740	0.32	382	150	
Public Housing	0.5	0.1	0.5	263	42	48.9	19	1,688	0.27	313	125	
Not Public Housing	3.8	2.1	4.6	90	41	50.0	20	703	0.32	390	153	
Rent Subsidy	0.3	0.1	0.3	100	42	39.2	11	782	0.33	306	86	
No Rent Subsidy	3.5	2.0	4.3	90	41	50.9	21	698	0.32	397	161	
Year of Construction												
1939 or Before	5.5	4.3	11.8	97	35	76.0	28	756	0.28	595	216	
1940 to 1949	1.4	1.2	2.4	65	32	53.2	20	522	0.25	426	161	
1950 to 1959	2.9	2.4	5.6	87	38	74.8	28	702	0.31	601	227	
1960 to 1969	2.3	1.9	4.8	72	28	58.9	22	556	0.22	457	172	
1970 to 1974	3.1	2.6	6.5	63	25	53.1	17	506	0.20	427	138	
1975 to 1979	0.6	0.6	1.1	23	13	21.8	7	179	0.10	172	56	
1980 to 1984	0.2	0.2	0.5	39	16	38.8	13	318	0.13	318	108	
1985 to 1987 (2)	0.3	0.3	0.5	43	27	43.4	16	356	0.22	356	129	
All Utilities Paid by Household												
Yes	13.4	12.9	30.0	68	29	65.5	22	547	0.24	530	181	
No	2.9	0.6	3.2	274	51	56.7	26	1,927	0.36	398	183	
1990 Family Income												
Less than \$5,000	2.7	2.0	3.8	75	39	55.2	23	588	0.31	432	179	
\$5,000 to \$9,999	3.2	2.5	5.0	69	34	54.0	23	541	0.27	424	177	
\$10,000 to \$14,999	4.7	4.0	9.0	65	29	55.5	19	513	0.23	440	154	
\$15,000 to \$19,999	2.9	2.4	6.3	77	30	65.8	22	609	0.24	519	171	
\$20,000 to \$24,999	2.9	2.6	9.1	105	30	94.9	29	838	0.24	761	235	
Below Poverty Line												
100 Percent	2.1	1.5	3.0	72	37	52.8	16	573	0.30	417	128	
150 Percent	3.0	2.2	4.3	70	35	50.9	17	546	0.28	400	132	
Eligible for Federal Assistance (3)												
	5.1	4.0	8.1	71	35	55.2	19	555	0.27	433	150	
Age of Householder												
Under 25 Years	4.2	3.0	6.6	76	35	54.4	17	600	0.27	431	137	
25 to 34 Years	3.5	3.2	7.8	70	29	63.2	18	558	0.23	507	145	
35 to 44 Years	3.7	3.3	8.7	71	27	62.6	22	569	0.22	499	178	
45 to 59 Years	4.8	4.0	10.1	88	35	73.8	38	691	0.27	576	295	

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Education of Householder												
12 Years or Fewer	10.8	9.0	19.8	70	32	58.1	21	554	0.25	460	163	
13 to 16 Years	4.1	3.5	9.1	83	32	70.1	26	654	0.25	553	203	
17 Years or More	1.4	1.1	4.3	115	30	90.5	32	914	0.24	719	257	
Race of Householder												
White	14.4	12.3	30.5	78	31	66.2	24	614	0.25	523	191	
Black	1.8	1.2	2.7	70	31	46.6	15	567	0.25	379	119	
Other	Q	Q	Q	64	33	37.3	14	475	0.24	278	103	
Householder of Hispanic Descent												
Yes	0.7	0.4	1.3	122	36	66.7	21	913	0.27	499	159	
No	15.6	13.2	32.0	76	31	63.8	23	600	0.25	506	182	
Household Size												
1 Person	3.3	2.2	4.9	85	38	55.8	56	655	0.29	429	429	
2 Persons	5.0	4.2	10.5	81	33	68.9	34	636	0.26	539	270	
3 Persons	7.2	6.4	16.2	72	28	64.1	17	577	0.23	516	138	
4 or More Persons	0.8	0.7	1.7	74	31	65.8	10	599	0.25	533	78	

(1) Climate zones are based on annual degree-days that are averaged over 30 years from 1951 to 1980.

(2) Does not include all new construction for 1990.

(3) Below 150 percent of poverty line or 60 percent of median State income.

(*) = Value rounds to zero in the units displayed.

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

Notes: • Because of rounding, data may not sum to totals.

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