

Table 1. Consumption and Expenditures in U.S. Households that Use Fuel Oil/Kerosene, 1987

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	17.4	14.0	33.3	87	37	70.3	27	513	0.22	414	156	
Census Region and Division												
Northeast	9.1	6.3	17.8	140	49	96.0	37	808	0.28	556	212	
New England	2.6	2.0	5.8	130	46	102.1	39	770	0.27	604	233	
Middle Atlantic	6.5	4.2	12.1	144	51	93.6	36	826	0.29	537	204	
Midwest	3.1	3.0	7.1	53	23	51.8	19	318	0.13	309	113	
East North Central	2.5	2.4	5.9	56	23	54.2	19	334	0.14	326	116	
West North Central	0.6	0.6	1.2	43	21	41.6	17	250	0.12	239	96	
South	4.6	4.2	7.0	41	24	37.0	14	257	0.15	233	87	
South Atlantic	3.6	3.2	5.3	46	27	41.1	15	285	0.17	256	95	
East South Central	1.0	0.9	1.5	27	16	25.8	10	175	0.11	168	63	
West South Central	Q	Q	Q	10	4	6.9	4	73	0.03	49	26	
West	0.6	0.6	1.4	32	13	31.1	12	195	0.08	190	76	
Mountain	0.2	0.2	0.3	26	12	26.1	11	144	0.07	144	62	
Pacific	0.4	0.4	1.1	34	14	32.9	13	213	0.08	207	81	
Metropolitan Statistical Area												
Urban	12.6	9.4	24.6	102	39	75.9	29	596	0.23	444	167	
Central City	5.0	2.8	7.2	119	47	66.9	29	664	0.26	372	160	
Suburban	7.6	6.6	17.4	94	36	81.8	29	567	0.21	491	171	
Rural	4.8	4.6	8.7	57	30	55.4	21	346	0.18	334	127	
Climate Zone (1)												
Fewer than 2,000 CDD and--												
More than 7,000 HDD	2.8	2.6	6.3	81	34	74.5	28	472	0.20	433	163	
5,500 to 7,000 HDD	5.0	4.3	11.7	102	37	88.2	33	610	0.22	529	195	
4,000 to 5,499 HDD	7.1	4.7	11.8	109	43	72.5	28	623	0.25	415	162	
Fewer than 4,000 HDD	1.8	1.8	2.5	31	22	29.4	11	200	0.14	192	70	
2,000 CDD or More and--												
Fewer than 4,000 HDD	0.7	0.7	1.0	13	9	12.6	4	107	0.07	99	35	
Type and Ownership of Housing Unit												
Single-Family Detached	11.1	11.1	26.3	72	30	71.8	25	434	0.18	434	154	
Owned	9.7	9.7	23.9	75	30	74.9	27	452	0.18	452	160	
Rented	1.4	1.4	2.5	50	29	50.5	18	312	0.18	312	110	
Single-Family Attached	0.9	0.9	2.0	78	36	78.1	28	498	0.23	498	180	
Owned	0.7	0.7	1.7	84	36	84.1	30	535	0.23	535	193	
Rented	0.2	0.2	0.3	54	31	53.5	19	352	0.20	352	125	
Multifamily												
2 to 4 Units	1.7	0.6	2.2	213	59	78.6	31	1,283	0.36	473	185	
Owned	0.5	0.2	1.0	258	46	95.2	36	1,561	0.28	575	217	
Rented	1.2	0.4	1.2	194	72	71.5	28	1,165	0.43	429	170	
5 or More Units	2.5	0.1	1.8	1,258	97	70.1	37	5,913	0.45	329	173	
Owned	0.2	(*)	0.1	1,008	92	64.5	42	4,819	0.44	308	201	
Rented	2.3	0.1	1.7	1,280	97	70.5	36	6,010	0.46	331	171	
Mobile Homes	1.3	1.3	1.0	40	52	39.7	15	257	0.34	257	98	
Owned	1.0	1.0	0.8	35	45	34.8	13	228	0.29	228	88	
Rented	0.2	0.2	0.2	63	91	62.9	22	393	0.57	393	139	

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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	1.7	0.6	1.0	182	109	63.6	34	960	0.57	335	177	
600 to 999	4.1	2.7	3.8	81	57	53.3	23	459	0.32	303	131	
1,000 to 1,599	4.4	3.7	7.1	70	37	59.7	22	423	0.22	361	130	
1,600 to 1,999	2.3	2.1	4.7	74	33	69.2	26	450	0.20	422	158	
2,000 to 2,399	1.7	1.7	4.4	84	32	82.8	29	513	0.19	505	174	
2,400 to 2,999	2.0	1.9	6.2	88	27	85.1	27	519	0.16	503	159	
3,000 or More	1.4	1.3	6.1	131	29	127.7	41	774	0.17	755	242	
Number of Rooms												
1	0.1	(*)	(*)	539	141	54.1	54	2,844	0.75	285	285	
2	0.6	0.1	0.4	262	81	52.1	43	1,237	0.38	246	202	
3	1.6	0.4	1.1	230	93	65.5	37	1,173	0.47	334	186	
4	2.7	1.9	3.0	86	54	59.5	26	499	0.31	345	151	
5	4.4	3.8	7.0	65	35	56.8	21	392	0.21	342	126	
6	3.3	3.1	7.1	74	32	69.7	23	447	0.19	418	140	
7	2.4	2.3	6.3	86	32	83.0	28	513	0.19	496	167	
8 or More	2.4	2.4	8.4	105	30	103.0	33	641	0.18	629	200	
Ownership of Unit												
Owned	12.2	11.7	27.6	76	32	72.7	26	459	0.19	441	159	
Rented	5.2	2.4	5.8	144	59	64.5	27	784	0.32	351	148	
Public Housing	0.4	(*)	0.3	815	92	68.4	31	3,896	0.44	327	150	
Not Public Housing	4.8	2.3	5.4	133	57	64.2	27	735	0.31	354	148	
Rent Subsidy	0.3	0.1	0.2	318	74	63.0	35	1,566	0.36	310	170	
No Rent Subsidy	4.5	2.3	5.2	129	56	64.2	27	715	0.31	356	147	
Year of Construction												
1939 or Before	6.1	4.7	12.3	110	41	84.3	32	648	0.25	498	187	
1940 to 1949	2.0	1.6	3.4	81	37	63.0	26	463	0.21	360	151	
1950 to 1959	2.8	2.5	5.8	90	39	81.1	30	538	0.23	485	180	
1960 to 1969	2.7	1.8	4.5	97	40	67.1	26	547	0.22	378	144	
1970 to 1974	1.4	1.3	2.5	55	29	50.0	19	331	0.17	301	113	
1975 to 1979	1.7	1.5	3.5	57	23	49.4	17	350	0.14	305	104	
1980 to 1984	0.6	0.6	1.1	39	21	35.2	13	242	0.13	216	78	
1985 or After (2)	0.2	0.2	0.3	43	22	39.0	18	264	0.14	238	111	
All Utilities Paid by Household												
Yes	13.8	13.4	30.1	71	32	68.7	25	433	0.19	419	150	
No	3.6	0.7	3.2	402	85	76.1	36	2,086	0.44	395	184	
1990 Family Income												
Less than \$5,000	1.0	0.7	1.0	76	56	54.3	29	437	0.32	313	168	
\$5,000 to \$9,999	2.1	1.5	3.0	102	52	72.3	35	589	0.30	416	204	
\$10,000 to \$14,999	2.6	2.1	4.3	77	37	60.4	26	453	0.22	355	152	
\$15,000 to \$19,999	1.7	1.3	2.9	85	39	67.1	23	511	0.23	402	140	
\$20,000 to \$24,999	1.8	1.6	3.4	74	35	62.9	22	442	0.21	377	130	
\$25,000 to \$34,999	3.5	2.6	6.6	82	33	62.6	23	475	0.19	364	135	
\$35,000 to \$49,999	2.4	2.1	5.7	89	33	79.6	26	525	0.20	470	152	
\$50,000 or More	2.2	2.0	6.5	107	34	97.6	32	640	0.20	582	190	

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Below Poverty Line												
100 Percent	2.0	1.4	2.4	76	46	55.1	20	439	0.26	317	114	
125 Percent	3.2	2.4	4.1	80	47	59.7	22	465	0.27	345	125	
Eligible for Federal Assistance (3)												
	5.2	3.9	8.0	92	45	68.7	25	541	0.26	404	148	
Age of Householder												
Under 25 Years	4.5	3.4	7.1	79	39	60.4	21	462	0.23	352	120	
25 to 34 Years	3.8	3.3	8.3	76	30	64.9	18	452	0.18	387	110	
35 to 44 Years	3.7	3.2	8.2	84	33	72.0	28	503	0.20	433	165	
45 to 59 Years	5.3	4.1	9.8	106	44	81.3	45	614	0.26	473	261	
Education of Householder												
12 Years or Fewer	11.7	9.4	20.1	81	38	65.4	25	479	0.22	384	146	
13 to 16 Years	4.6	3.8	10.7	99	35	82.8	30	584	0.21	491	178	
17 Years or More	1.1	0.8	2.5	101	31	70.6	30	584	0.18	407	175	
Race of Householder												
White	14.5	12.3	29.6	84	35	71.4	27	498	0.21	423	163	
Black	2.5	1.5	3.2	102	49	63.8	23	586	0.28	367	131	
Other	0.4	0.2	0.5	191	56	68.6	20	1,013	0.30	364	107	
Householder of Hispanic Descent												
Yes	0.9	0.4	1.3	147	48	74.6	25	785	0.26	398	135	
No	16.6	13.6	32.0	85	36	70.0	27	505	0.21	415	157	
Household Size												
1 Person	3.9	2.4	5.0	102	50	63.7	64	587	0.28	365	365	
2 Persons	5.7	4.8	11.7	89	36	73.7	37	520	0.21	433	217	
3 Persons	7.2	6.3	15.1	80	33	70.0	19	479	0.20	418	112	
4 or More Persons	0.6	0.6	1.6	88	33	81.8	13	523	0.20	488	76	

(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 1987.

(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 1987 Residential Energy Consumption Survey.