

Table 1. Consumption and Expenditures in U.S. Households that Use Fuel Oil/Kerosene, 1997

Characteristics	Total Households (million)	Residential Buildings		Average Fuel Oil/Kerosene							
		Total Number (million)	Total Floor-space (1) (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	13.2	11.0	23.2	97	46	81.1	31	694	0.33	578	224
Census Region and Division											
Northeast	8.2	6.2	14.5	136	57	101.3	40	950	0.40	710	282
New England	3.1	2.7	5.8	126	60	111.5	45	902	0.43	797	321
Middle Atlantic	5.2	3.4	8.8	143	56	95.1	38	988	0.39	657	260
Midwest	1.5	1.4	3.0	75	36	72.6	26	522	0.25	504	184
East North Central	1.0	1.0	1.9	71	35	67.3	23	509	0.25	482	165
West North Central	0.5	0.5	1.1	83	38	83.5	35	548	0.25	548	232
South	2.9	2.9	4.6	34	21	33.7	13	279	0.17	275	105
South Atlantic	2.3	2.3	3.8	39	24	39.1	15	323	0.20	320	126
East South Central	0.5	0.5	0.7	15	10	14.9	5	117	0.07	113	39
West South Central	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
West	0.5	0.5	1.0	53	25	51.0	17	434	0.20	415	137
Mountain	0.2	0.2	0.3	38	18	38.1	11	277	0.13	277	82
Pacific	0.3	0.3	0.7	61	28	57.1	20	513	0.23	481	168
Four Most Populated States											
California	0.2	0.2	0.3	46	28	40.7	12	355	0.22	316	92
Florida	0.2	0.2	0.4	12	8	12.2	5	96	0.06	96	39
New York	3.1	1.6	4.6	190	67	99.8	41	1,295	0.45	681	278
Texas	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Metropolitan Statistical Area											
Urban	8.6	6.6	15.3	110	48	84.6	33	774	0.34	597	230
Central City	3.8	2.2	5.4	127	51	73.7	29	856	0.35	496	194
Suburban	4.8	4.4	9.9	101	45	93.1	35	734	0.33	675	257
Rural	4.6	4.3	7.9	78	43	74.4	29	573	0.31	544	213
Urban/Rural Location (2)											
City	4.1	2.4	5.7	123	52	72.3	28	812	0.34	479	188
Town	2.9	2.6	5.3	101	50	89.7	35	730	0.36	648	253
Suburbs	2.1	2.0	4.7	88	38	84.8	32	671	0.29	644	246
Rural or Open Country	4.1	4.0	7.5	84	44	81.8	31	611	0.32	595	228
Climate Zone (3)											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	2.4	2.2	4.7	105	51	98.6	40	740	0.35	692	283
5,500 to 7,000 HDD	3.8	3.5	7.5	104	49	95.8	37	754	0.36	695	268
4,000 to 5,499 HDD	5.2	3.5	8.7	122	49	81.7	31	852	0.34	573	217
Fewer than 4,000 HDD	1.2	1.2	1.7	28	19	27.3	10	225	0.16	219	81
2,000 CDD or More and--											
Fewer than 4,000 HDD	0.5	0.5	0.7	9	6	8.5	4	72	0.05	72	30

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Type and Ownership of Housing Unit											
Single-Family Detached	9.1	9.1	18.9	87	41	86.5	32	637	0.31	637	234
Owned	8.0	8.0	17.4	89	41	89.0	34	654	0.30	654	247
Rented	1.0	1.0	1.5	67	46	67.1	21	501	0.34	501	155
Single-Family Attached	0.9	0.9	1.6	96	56	96.4	37	736	0.43	736	279
Owned	0.6	0.6	1.2	98	50	97.7	40	760	0.39	760	309
Rented	0.3	0.3	0.3	94	78	93.7	31	683	0.57	683	226
Multifamily											
2 to 4 Units	0.6	0.2	0.5	234	90	86.5	44	1,692	0.65	625	320
Owned	Q	Q	Q	475	125	176.0	125	3,567	0.94	1,321	939
Rented	0.5	0.2	0.4	198	81	73.0	36	1,408	0.58	520	255
5 or More Units	1.9	0.1	1.5	1,499	78	63.2	29	7,601	0.40	321	145
Owned	0.2	(*)	0.2	1,376	65	61.5	35	6,868	0.32	307	177
Rented	1.7	0.1	1.4	1,514	80	63.4	28	7,690	0.41	322	142
Mobile Homes	0.7	0.7	0.6	36	40	35.5	15	287	0.33	287	124
Owned	0.5	0.5	0.5	38	41	38.4	17	312	0.33	312	139
Rented	0.2	0.2	0.2	29	39	29.3	12	232	0.31	232	94
Estimated Heated Floorspace											
(Square Feet) (4)											
Fewer than 600	1.0	0.5	0.9	127	71	59.0	30	818	0.46	380	191
600 to 999	2.6	1.8	3.1	92	55	64.6	28	620	0.37	434	187
1,000 to 1,599	4.0	3.7	7.1	84	44	78.8	30	618	0.32	580	222
1,600 to 1,999	1.8	1.8	3.7	84	40	83.2	28	618	0.29	612	206
2,000 to 2,399	1.0	1.0	2.6	98	38	96.5	35	713	0.27	700	252
2,400 to 2,999	0.4	0.4	1.3	119	38	112.9	45	862	0.27	820	325
3,000 or More	0.5	0.5	1.6	147	41	146.9	48	1,116	0.31	1,116	368
No Estimate Provided	1.9	1.3	2.9	125	57	87.3	33	861	0.39	603	226
Total Number of Rooms											
1 or 2	0.3	0.1	0.2	180	90	45.3	34	976	0.49	246	184
3	1.1	0.3	0.8	250	75	55.9	30	1,442	0.43	322	173
4	2.1	1.4	2.2	103	64	68.7	33	693	0.43	460	219
5	2.3	2.1	3.3	72	47	67.0	26	508	0.33	471	183
6	3.3	3.2	6.2	85	43	81.0	29	633	0.32	602	216
7	1.9	1.9	4.1	89	41	86.9	31	647	0.30	630	225
8	1.1	1.1	2.9	107	41	107.4	36	801	0.31	801	268
9 or More	1.0	1.0	3.6	140	39	140.5	43	1,056	0.29	1,056	320
Ownership of Unit											
Owned	9.4	9.2	19.4	89	42	87.1	34	658	0.31	642	248
Rented	3.7	1.8	3.8	139	65	66.0	26	881	0.41	419	163
Year of Construction											
1939 or Before	4.5	3.4	7.8	120	52	90.1	33	831	0.36	625	232
1940 to 1949	1.7	1.5	3.1	106	51	94.5	37	793	0.39	710	281
1950 to 1959	1.7	1.4	2.9	107	53	89.6	36	768	0.38	641	260
1960 to 1969	1.9	1.6	3.1	93	46	76.4	32	657	0.33	542	226
1970 to 1979	1.8	1.5	2.9	66	35	57.3	23	468	0.25	406	163
1980 to 1989	1.1	1.0	2.1	65	32	62.3	24	484	0.24	463	175
1990 to 1997 (5)	0.5	0.5	1.2	70	28	68.7	22	513	0.21	507	163
All Utilities Paid by Household											
Yes	10.8	10.5	21.2	85	42	82.8	31	628	0.31	613	230
No	2.4	0.5	2.0	390	87	73.4	34	2,246	0.50	422	193

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1997 Household Income												
Less than \$5,000	0.4	0.3	0.5	92	52	57.6	24	583	0.33	366	150	
\$5,000 to \$9,999	1.3	0.7	1.4	127	66	70.4	37	814	0.43	452	237	
\$10,000 to \$14,999	1.4	1.0	1.7	86	51	65.4	30	589	0.35	449	206	
\$15,000 to \$19,999	1.2	1.0	1.7	84	48	69.8	28	608	0.35	506	202	
\$20,000 to \$24,999	1.1	1.0	1.7	74	41	62.6	25	509	0.28	433	175	
\$25,000 to \$34,999	2.3	1.9	3.8	99	49	81.7	32	698	0.34	574	223	
\$35,000 to \$49,999	2.0	1.8	3.7	83	39	74.6	28	603	0.29	541	204	
\$50,000 to \$74,999	2.2	2.0	5.0	113	46	107.1	36	817	0.33	774	262	
\$75,000 or More	1.4	1.3	3.6	111	40	106.4	34	864	0.32	829	262	
Below Poverty Line												
100 Percent	2.0	1.2	2.2	102	56	63.0	23	658	0.36	405	146	
125 Percent	2.6	1.6	2.9	102	57	64.8	24	665	0.37	422	157	
150 Percent	3.5	2.4	4.2	94	54	64.5	24	629	0.36	430	157	
Eligible for Federal Assistance (6)												
	4.7	3.4	6.3	94	51	68.0	26	643	0.35	464	175	
Age of Householder												
Under 25 Years	0.5	0.3	0.5	140	76	82.8	30	945	0.51	559	200	
25 to 34 Years	2.2	1.6	3.2	86	43	65.4	21	598	0.30	458	147	
35 to 44 Years	2.5	2.2	4.7	85	40	75.0	22	611	0.29	541	156	
45 to 59 Years	4.1	3.6	7.9	91	42	81.4	32	662	0.31	592	236	
60 Years and Over	4.0	3.2	6.9	116	54	92.8	52	817	0.38	657	368	
Race of Householder												
White	10.7	9.4	20.1	97	45	85.4	33	697	0.33	616	242	
Black	1.6	1.3	2.2	74	42	60.2	24	551	0.31	446	177	
Other (7)	0.9	0.3	0.9	230	67	67.1	22	1,255	0.37	367	119	
Householder of Hispanic Descent												
Yes	1.0	0.3	1.1	210	62	74.6	24	1,187	0.35	422	138	
No	12.2	10.6	22.1	94	45	81.6	32	679	0.33	591	232	
Household Size												
1 Person	3.1	2.1	4.2	108	55	74.5	75	742	0.38	512	512	
2 Persons	4.7	4.1	8.5	95	46	84.0	42	698	0.34	614	307	
3 Persons	2.1	1.8	3.8	109	50	93.1	31	779	0.36	663	221	
4 Persons	2.0	1.8	3.9	87	39	76.8	19	628	0.28	557	139	
5 Persons	1.0	0.9	(*)	80	35	72.9	15	564	0.25	514	103	
6 or More Persons	0.4	0.3	0.8	92	38	76.2	11	595	0.25	493	72	
Number of Stories												
Single-Family Homes	10.0	10.0	20.5	87	43	87.4	32	646	0.31	646	238	
1 Story	4.1	4.1	6.6	65	40	65.4	27	475	0.29	475	196	
2 Stories	5.0	5.0	11.6	100	43	100.0	35	743	0.32	743	258	
3 Stories	0.6	0.6	1.7	132	52	132.2	43	995	0.39	995	325	
Split-Level	0.3	0.3	0.6	87	39	87.0	28	639	0.29	639	204	
Other	Q	Q	Q	38	33	37.9	16	379	0.33	379	155	
Mobile Homes	0.7	0.7	0.6	36	40	35.5	15	287	0.33	287	124	

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Number of Floors in Apartment Buildings												
1 or 2 Floors	0.4	0.1	0.4	239	83	78.4	40	1,785	0.62	586	299	
3 or 4 Floors	0.7	0.1	0.5	421	77	60.7	32	2,569	0.47	370	198	
5 to 10 Floors	0.8	(*)	0.7	2,338	79	70.2	24	10,870	0.37	326	113	
11 to 20 Floors	0.4	(*)	0.3	13,388	85	58.8	40	61,352	0.39	270	185	
More than 20 Floors	Q	Q	Q	1,612	97	100.8	25	11,744	0.71	734	184	
Don't Know/No Answer	0.2	(*)	0.2	499	96	83.0	52	3,098	0.59	515	323	
Number of Units in Apartment Buildings												
2 to 4 Units	0.6	0.2	0.5	234	90	86.5	44	1,692	0.65	625	320	
5 to 10 Units	0.2	(*)	0.2	361	66	53.9	25	2,649	0.48	396	183	
11 to 20 Units	0.3	(*)	0.2	748	59	48.6	21	3,454	0.27	224	97	
21 to 50 Units	0.5	(*)	0.4	2,976	89	75.0	28	13,650	0.41	344	129	
51 Units or More	0.8	(*)	0.7	6,075	78	60.6	31	27,852	0.36	278	144	
No Answer	Q	Q	Q	1,499 (8)	117	93.7	39	10,112 (8)	0.79	632	265	
Not Applicable	10.7	10.7	21.1	84	42	84.0	31	622	0.31	622	232	

(1) In previous RECS, square footage measurements were obtained during the personal interview. In the 1997 RECS, square footage was estimated using a regression equation developed with the 1993 RECS data. The 1997 RECS estimated square footage tends to be larger than the 1993 measured square footage.

(2) Based on the household respondent's description rather than the Federal Government definition.

(3) One of five climatically distinct areas, determined according to the 30-year average (1961-1990) of the annual heating and cooling degree-days. For this report, the heating or cooling degree-days are a measure of how cold or how hot a location is over a period of one year, relative to a base temperature of 65 degrees Fahrenheit. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

(4) Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

(5) New construction for 1997 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

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

(7) Includes 667 thousand householders who described themselves as Hispanic rather than White, Black, or other.

(8) For these buildings we assumed 16 units, the median value of the reported cases.

(*) = 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, B, C of the 1997 Residential Energy Consumption Survey.