

Table 1. Consumption and Expenditures in U.S. Households that Use Fuel Oil/Kerosene, 1981

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	14.6	11.0	28.9	116	44	87.9	32	1,032	0.39	781	283
Census Region and Division											
Northeast	8.9	5.9	18.0	158	51	103.5	36	1,405	0.46	923	323
New England	2.4	1.7	5.1	148	50	105.3	36	1,332	0.45	946	327
Middle Atlantic	6.5	4.1	12.8	161	52	102.9	36	1,435	0.46	915	322
Midwest	2.3	2.2	5.1	86	37	79.5	29	751	0.32	693	254
East North Central	1.7	1.7	3.8	79	35	76.8	28	688	0.31	672	243
West North Central	0.6	0.4	1.3	115	40	87.7	33	993	0.35	759	286
South	2.8	2.5	4.7	56	30	50.2	20	497	0.27	448	180
South Atlantic	2.5	2.2	4.2	56	30	49.7	20	500	0.27	445	182
East South Central	0.3	0.3	0.5	55	31	55.4	20	482	0.27	482	171
West South Central	Q	Q	Q	48	56	48.0	11	425	0.49	425	99
West	0.5	0.5	1.2	63	27	58.4	23	548	0.24	511	197
Mountain	0.1	0.1	0.2	45	24	44.6	18	384	0.20	384	153
Pacific	0.5	0.4	1.0	66	27	60.9	23	580	0.24	534	205
Metropolitan Statistical Area											
Urban	8.9	5.5	16.3	157	53	97.4	37	1,402	0.47	868	331
Central City	4.2	1.8	5.9	229	70	98.5	39	2,051	0.62	881	346
Suburban	4.7	3.7	10.4	122	43	96.4	36	1,085	0.39	856	318
Rural	5.7	5.5	12.5	75	33	73.0	25	665	0.29	646	218
Climate Zone (1)											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	2.7	2.4	5.7	95	39	82.6	29	835	0.35	727	256
5,500 to 7,000 HDD	3.8	3.0	8.7	127	44	99.3	33	1,128	0.39	885	298
4,000 to 5,499 HDD	6.4	4.2	12.2	148	51	96.3	36	1,315	0.45	855	323
Fewer than 4,000 HDD	1.1	1.1	1.7	48	31	45.5	17	434	0.28	412	157
2,000 CDD or More and--											
Fewer than 4,000 HDD	0.5	0.4	0.6	17	11	14.6	6	163	0.11	139	58
Type and Ownership of Housing Unit											
Single-Family Detached	8.9	8.9	22.7	88	34	87.6	29	778	0.31	778	257
Owned	7.9	7.9	20.5	91	35	91.0	30	808	0.31	808	269
Rented	1.0	1.0	2.2	62	30	62.4	19	554	0.26	554	169
Single-Family Attached	0.6	0.6	1.4	91	40	91.1	33	810	0.35	810	293
Owned	0.4	0.4	1.0	85	35	84.9	33	754	0.31	754	289
Rented	0.2	0.2	0.4	104	52	103.8	34	925	0.46	925	300
Multifamily											
2 to 4 Units	1.8	0.6	2.1	258	79	95.3	41	2,293	0.70	847	361
Owned	0.5	0.2	0.9	263	54	97.3	39	2,348	0.48	868	348
Rented	1.3	0.5	1.3	256	96	94.5	41	2,273	0.85	840	367
5 or More Units	2.6	0.2	2.1	1,485	113	92.9	43	13,166	1.00	824	378
Owned	Q	Q	Q	3,755	106	75.7	48	33,299	0.94	671	421
Rented	2.4	0.2	2.0	1,441	113	94.0	42	12,775	1.00	833	376
Mobile Homes	0.7	0.7	0.5	52	70	51.7	21	472	0.64	472	191
Owned	0.6	0.6	0.4	54	70	54.1	21	498	0.65	498	194
Rented	0.2	0.2	0.1	43	68	42.8	20	379	0.60	379	180

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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	1.3	0.6	0.7	179	137	75.8	42	1,596	1.22	675	373	
600 to 999	3.9	2.1	3.8	137	76	73.9	31	1,229	0.68	660	281	
1,000 to 1,599	3.6	2.9	6.3	106	48	85.1	31	939	0.43	755	274	
1,600 to 1,999	1.8	1.6	4.4	100	37	91.0	30	888	0.33	807	266	
2,000 to 2,399	1.5	1.5	4.0	91	34	90.7	30	813	0.30	806	269	
2,400 to 2,999	1.2	1.1	3.6	101	32	96.9	28	888	0.28	853	250	
3,000 or More	1.3	1.3	6.1	137	29	133.8	36	1,220	0.26	1,189	318	
Number of Rooms												
1	0.2	(*)	0.1	209	156	63.2	57	1,857	1.39	561	509	
2	0.3	0.1	0.2	371	150	86.6	64	3,303	1.34	771	574	
3	1.7	0.6	1.4	238	100	84.4	49	2,116	0.89	751	434	
4	2.6	1.5	3.1	142	67	81.1	35	1,264	0.60	720	314	
5	3.1	2.4	5.1	101	47	77.9	29	899	0.42	692	256	
6	2.9	2.7	6.9	86	33	80.7	28	758	0.30	713	250	
7	1.9	1.8	5.1	97	35	93.2	29	867	0.31	829	257	
8 or More	2.0	2.0	7.0	124	35	122.4	30	1,109	0.31	1,093	267	
Ownership of Unit												
Owned	9.5	9.0	22.9	93	37	88.6	30	827	0.33	788	271	
Rented	5.1	2.0	6.0	219	74	86.5	35	1,945	0.66	768	310	
Year of Construction												
1939 or Before	6.1	4.4	12.4	133	47	94.4	35	1,185	0.42	841	316	
1940 to 1949	1.3	1.1	2.5	109	45	89.7	35	964	0.40	793	308	
1950 to 1959	2.5	2.1	5.3	106	42	87.7	31	942	0.37	777	277	
1960 to 1969	2.4	1.6	4.1	133	53	89.4	33	1,183	0.47	792	289	
1970 to 1974	1.5	1.2	3.1	86	35	72.2	24	772	0.31	645	211	
1975 to 1979	0.7	0.6	1.4	63	28	57.9	18	561	0.25	516	161	
1980 to 1981 (2)	Q	Q	Q	45	26	44.9	21	397	0.23	397	182	
All Utilities Paid by Household												
Yes	10.6	10.3	25.1	88	36	84.9	29	782	0.32	755	256	
No	4.0	0.8	3.8	492	101	95.8	43	4,359	0.89	849	380	
1981 Family Income												
Less than \$5,000	1.4	1.0	1.8	110	60	73.9	37	984	0.53	660	329	
\$5,000 to \$9,999	2.6	1.8	4.3	129	53	89.7	38	1,142	0.47	795	333	
\$10,000 to \$14,999	2.4	1.7	4.2	119	48	82.4	33	1,057	0.42	734	295	
\$15,000 to \$19,999	1.9	1.4	3.5	102	41	75.9	25	908	0.36	674	225	
\$20,000 to \$24,999	1.9	1.6	4.4	108	39	88.5	29	957	0.35	785	258	
\$25,000 to \$34,999	2.1	1.6	4.7	120	42	94.0	32	1,063	0.38	832	284	
\$35,000 or More	2.2	2.0	6.0	119	39	104.6	31	1,059	0.34	934	279	
Below Poverty Line												
100 Percent	1.5	1.1	2.1	101	53	71.8	25	902	0.47	639	220	
125 Percent	2.4	1.7	3.3	108	55	76.3	28	958	0.48	677	250	

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Age of Householder											
Under 25 Years	3.5	2.4	5.9	123	50	83.2	29	1,087	0.44	738	255
25 to 34 Years	2.9	2.3	6.6	121	42	95.9	25	1,077	0.38	856	228
35 to 44 Years	3.6	2.9	8.0	106	39	84.6	29	941	0.34	751	260
45 to 59 Years	4.5	3.4	8.4	117	47	89.0	47	1,041	0.42	791	418
Education of Householder											
12 Years or Fewer	9.9	7.3	17.4	112	47	82.6	31	998	0.42	734	276
13 to 16 Years	3.3	2.7	8.1	117	39	94.9	33	1,039	0.34	843	289
17 Years or More	1.3	1.0	3.4	140	44	109.3	35	1,252	0.39	977	312
Race of Householder											
White	12.5	9.9	25.8	109	42	86.1	32	963	0.37	764	283
Black	1.8	1.0	2.5	168	66	94.3	30	1,506	0.59	846	270
Other	0.3	0.1	0.5	315	79	123.5	40	2,794	0.70	1,096	355
Householder of Hispanic Descent											
Yes	0.7	0.3	0.7	231	88	94.4	32	2,059	0.79	842	282
No	13.9	10.8	28.2	113	43	87.6	32	1,006	0.38	778	283
Household Size											
1 Person	2.9	1.8	4.2	134	57	81.1	81	1,190	0.50	720	720
2 Persons	4.8	3.5	9.0	118	47	86.4	43	1,047	0.41	765	382
3 Persons	2.6	2.1	5.3	99	39	78.5	26	875	0.35	697	232
4 or More Persons	4.2	3.6	10.5	116	40	100.1	21	1,032	0.36	894	190

(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 1981.

(*) = 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 1981 Residential Energy Consumption Survey.