

Table 1. Consumption and Expenditures in U.S. Households--Major Energy Sources (1), 1981

Characteristics	Total Households (million)	Residential Buildings		Average of Major Energy Sources							
		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	83.1	66.1	144.2	141	64	111.7	40	1,256	0.58	998	356
Census Region and Division											
Northeast	17.9	12.1	35.1	194	67	131.6	46	2,016	0.70	1,365	475
New England	4.3	2.9	8.3	181	63	123.9	44	2,018	0.71	1,384	492
Middle Atlantic	13.7	9.2	26.7	199	68	134.0	46	2,016	0.69	1,359	470
Midwest	21.2	17.4	41.5	177	75	145.7	53	1,258	0.53	1,033	379
East North Central	14.6	12.0	28.1	185	79	152.4	56	1,295	0.55	1,065	391
West North Central	6.6	5.4	13.3	160	65	130.9	48	1,177	0.48	963	353
South	27.7	23.5	42.6	103	57	87.0	31	1,065	0.59	904	326
South Atlantic	14.1	11.3	21.9	98	51	78.8	29	1,129	0.58	905	332
East South Central	5.6	5.1	9.3	103	57	93.5	33	982	0.54	890	318
West South Central	8.0	7.1	11.4	109	68	97.1	34	1,021	0.64	913	320
West	16.3	13.0	25.1	109	57	87.4	30	889	0.46	710	245
Mountain	4.0	3.4	6.1	119	66	102.5	35	890	0.50	767	259
Pacific	12.3	9.6	18.9	106	54	82.6	29	889	0.45	692	241
Metropolitan Statistical Area											
Urban	57.3	41.6	95.4	161	70	117.2	43	1,363	0.59	990	363
Central City	24.6	16.0	36.2	173	77	112.7	42	1,482	0.66	963	357
Suburban	32.7	25.6	59.2	154	67	120.5	44	1,288	0.56	1,010	368
Rural	25.9	24.5	48.8	105	53	99.6	33	1,075	0.54	1,018	341
Climate Zone (2)											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	8.8	7.3	16.9	145	63	120.9	42	1,213	0.52	1,010	350
5,500 to 7,000 HDD	21.0	16.1	41.8	193	74	148.5	52	1,471	0.57	1,131	396
4,000 to 5,499 HDD	21.6	16.4	39.5	152	63	115.5	43	1,460	0.61	1,106	410
Fewer than 4,000 HDD	19.5	15.8	29.2	108	58	87.1	30	979	0.53	792	277
2,000 CDD or More and--											
Fewer than 4,000 HDD	12.2	10.4	16.7	87	55	74.8	27	1,053	0.66	901	325
Type and Ownership of Housing Unit											
Single-Family Detached	54.6	54.6	114.2	127	60	126.5	42	1,090	0.52	1,090	358
Owned	46.4	46.4	101.8	131	60	131.2	44	1,128	0.51	1,128	376
Rented	8.2	8.2	12.5	100	66	100.1	31	878	0.58	878	268
Single-Family Attached	3.0	3.0	5.8	107	55	107.2	39	1,029	0.53	1,029	371
Owned	2.1	2.1	4.3	110	53	109.6	40	1,059	0.51	1,059	382
Rented	0.9	0.9	1.5	102	62	101.8	37	962	0.59	962	346
Multifamily											
2 to 4 Units	9.3	3.4	10.5	271	88	99.0	40	2,413	0.78	881	360
Owned	2.1	0.8	3.4	331	75	122.1	47	3,026	0.69	1,116	433
Rented	7.2	2.6	7.1	254	94	92.4	38	2,234	0.83	813	337
5 or More Units	12.0	0.9	9.9	876	80	66.3	31	9,497	0.87	718	337
Owned	1.0	0.1	1.2	781	48	56.3	31	9,682	0.60	698	380
Rented	11.0	0.8	8.8	885	85	67.2	31	9,481	0.91	720	333
Mobile Homes	4.2	4.2	3.7	81	92	80.7	33	845	0.96	845	341
Owned	3.6	3.6	3.3	80	88	80.5	32	856	0.94	856	344
Rented	0.6	0.6	0.4	82	118	81.9	34	780	1.12	780	326
Heated Floorspace (square feet)											
Fewer than 600	7.2	3.3	4.1	133	108	61.9	31	1,374	1.11	638	319
600 to 999	21.8	13.4	20.4	133	88	81.9	35	1,241	0.82	766	323
1,000 to 1,599	25.2	21.7	38.6	123	69	105.6	37	1,120	0.63	963	334
1,600 to 1,999	10.6	9.6	22.7	141	60	129.1	42	1,246	0.53	1,138	371
2,000 to 2,399	7.4	7.2	19.0	146	55	141.4	44	1,242	0.47	1,206	375
2,400 to 2,999	5.6	5.5	16.5	163	54	161.3	46	1,351	0.45	1,334	384
3,000 or More	5.4	5.3	23.0	205	47	200.7	57	1,715	0.39	1,677	477

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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)
Number of Rooms											
1	0.5	0.1	0.2	198	169	54.5	37	1,810	1.55	498	337
2	1.9	0.6	1.0	171	101	53.7	35	1,759	1.04	552	360
3	7.7	3.0	5.7	171	89	65.7	37	1,758	0.91	675	379
4	17.4	10.8	19.6	133	73	82.5	35	1,253	0.69	780	334
5	19.4	16.7	29.2	123	70	106.0	37	1,089	0.62	937	328
6	16.5	15.5	32.7	130	62	122.4	40	1,142	0.54	1,075	352
7	9.6	9.4	23.7	143	57	140.3	43	1,243	0.49	1,217	373
8 or More	10.2	10.0	32.2	180	56	177.0	47	1,541	0.48	1,516	401
Ownership of Unit											
Owned	55.1	52.9	113.9	131	61	125.4	43	1,146	0.53	1,099	376
Rented	28.0	13.2	30.3	180	79	84.8	33	1,695	0.74	800	310
Year of Construction											
1939 or Before	24.2	19.0	44.4	165	70	129.0	47	1,352	0.58	1,059	384
1940 to 1949	6.9	6.0	11.1	130	70	113.2	43	1,111	0.60	969	365
1950 to 1959	13.5	11.7	23.3	135	68	117.1	43	1,130	0.56	977	354
1960 to 1969	16.1	12.5	26.7	145	68	112.2	40	1,319	0.62	1,024	361
1970 to 1974	10.7	8.0	18.0	130	57	96.6	34	1,298	0.57	969	339
1975 to 1979	9.8	7.4	17.7	111	47	84.8	28	1,222	0.52	930	312
1980 to 1981 (3)	1.9	1.5	3.1	87	43	67.1	24	1,024	0.50	794	282
All Utilities Paid by Household											
Yes	69.6	62.7	131.6	129	61	116.0	40	1,138	0.54	1,025	352
No	13.5	3.4	12.6	357	97	89.8	40	3,443	0.93	865	382
1981 Family Income											
Less than \$5,000	9.8	6.5	10.9	126	75	83.5	39	1,119	0.67	742	347
\$5,000 to \$9,999	13.5	9.7	18.6	142	74	101.9	42	1,230	0.64	884	360
\$10,000 to \$14,999	12.5	9.5	19.0	136	69	104.1	39	1,210	0.61	924	346
\$15,000 to \$19,999	10.7	8.5	17.5	130	63	103.7	36	1,184	0.58	943	326
\$20,000 to \$24,999	10.8	9.0	19.8	134	61	112.6	37	1,227	0.56	1,033	341
\$25,000 to \$34,999	13.3	11.5	26.9	142	61	123.5	39	1,257	0.54	1,090	344
\$35,000 or More	12.6	11.3	31.5	163	58	145.3	45	1,473	0.53	1,315	411
Below Poverty Line											
100 Percent	11.0	7.6	12.9	134	79	92.7	30	1,175	0.69	812	267
125 Percent	15.8	11.1	19.1	135	78	94.4	34	1,178	0.68	825	293
Age of Householder											
Under 25 Years	27.6	19.6	40.7	139	67	98.3	33	1,242	0.60	881	294
25 to 34 Years	14.6	12.5	30.1	152	63	129.8	34	1,400	0.58	1,193	315
35 to 44 Years	18.4	16.1	36.3	144	64	125.9	43	1,288	0.57	1,129	390
45 to 59 Years	22.5	17.9	37.1	132	64	104.9	57	1,142	0.55	909	490
Education of Householder											
12 Years or Fewer	52.8	42.7	84.5	134	68	108.4	38	1,199	0.61	968	342
13 to 16 Years	23.2	17.9	44.6	151	61	116.1	42	1,347	0.54	1,035	374
17 Years or More	7.1	5.6	15.2	155	57	121.9	44	1,404	0.52	1,107	402
Race of Householder											
White	72.5	58.9	129.9	137	62	111.5	41	1,226	0.56	996	363
Black	9.0	6.1	12.2	174	88	118.1	38	1,520	0.76	1,029	329
Other	1.6	1.1	2.2	127	64	85.0	22	1,390	0.70	932	246

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Householder of Hispanic Descent											
Yes	4.5	3.3	5.8	130	73	93.4	25	1,203	0.67	862	230
No	78.6	62.8	138.4	141	64	112.8	41	1,259	0.57	1,006	366
Household Size											
1 Person	15.4	9.8	18.2	130	70	83.1	83	1,132	0.61	721	721
2 Persons	27.7	21.5	46.0	132	62	102.6	51	1,187	0.56	923	461
3 Persons	15.4	12.6	28.7	146	64	120.0	40	1,293	0.57	1,063	354
4 or More Persons	24.8	22.2	51.3	150	65	134.6	29	1,357	0.59	1,215	258

(1) Major Energy Sources include: electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas.

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

(3) Does not include all new construction for 1981.

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.