

Table 1. Consumption and Expenditures in U.S. Households--Major Energy Sources (1), 1987

Characteristics	Total Households (million)	Average of Major Energy Sources									
		Residential Buildings		Consumption				Expenditures			
		Total Number (million)	Total Floorspace (billion sq. ft.)	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	90.5	70.4	156.8	130	58	100.8	39	1,388	0.62	1,080	416
Census Region and Division											
Northeast	19.0	13.2	36.8	179	64	124.4	48	1,836	0.66	1,276	494
New England	4.3	3.0	8.4	174	61	121.0	47	1,753	0.62	1,222	475
Middle Atlantic	14.8	10.3	28.4	181	65	125.4	48	1,860	0.67	1,292	499
Midwest	22.3	18.1	44.3	151	62	122.5	48	1,385	0.57	1,124	439
East North Central	15.9	12.7	31.5	157	63	125.3	48	1,438	0.58	1,149	443
West North Central	6.4	5.4	12.8	137	58	115.8	46	1,260	0.53	1,064	427
South	30.9	25.6	47.1	102	55	84.3	33	1,304	0.71	1,081	418
South Atlantic	15.6	12.9	24.4	97	52	81.0	31	1,357	0.72	1,128	431
East South Central	6.1	5.1	9.2	100	56	84.1	34	1,178	0.66	992	403
West South Central	9.2	7.5	13.5	110	62	90.1	34	1,299	0.73	1,060	404
West	18.3	13.5	28.6	106	50	77.7	29	1,112	0.52	819	308
Mountain	4.4	3.7	7.2	125	64	103.5	37	1,141	0.58	944	341
Pacific	13.9	9.8	21.4	98	45	69.5	27	1,102	0.51	779	297
Metropolitan Statistical Area											
Urban	70.2	51.8	122.7	140	59	102.9	40	1,483	0.63	1,093	420
Central City	29.6	19.0	43.9	158	68	101.2	41	1,558	0.68	1,001	407
Suburban	40.6	32.7	78.8	129	54	104.1	39	1,439	0.60	1,160	429
Rural	20.3	18.7	34.2	102	56	93.6	36	1,126	0.61	1,035	403
Climate Zone (2)											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	8.5	7.3	17.1	129	55	110.4	43	1,200	0.51	1,030	398
5,500 to 7,000 HDD	25.9	19.9	51.2	164	64	125.9	49	1,507	0.59	1,156	451
4,000 to 5,499 HDD	21.9	16.6	38.8	141	60	106.7	42	1,502	0.64	1,138	446
Fewer than 4,000 HDD	17.8	13.5	26.1	102	53	77.4	29	1,228	0.64	931	351
2,000 CDD or More and--											
Fewer than 4,000 HDD	16.3	13.1	23.6	92	51	73.7	28	1,334	0.74	1,068	405
Type and Ownership of Housing Unit											
Single-Family Detached	55.2	55.2	118.7	115	53	114.5	40	1,226	0.57	1,226	431
Owned	47.7	47.7	107.4	117	52	116.6	42	1,257	0.56	1,257	448
Rented	7.4	7.4	11.3	101	67	101.3	33	1,027	0.68	1,027	334
Single-Family Attached	5.3	5.3	10.2	99	52	98.9	40	1,135	0.59	1,135	461
Owned	3.9	3.9	8.2	105	49	104.7	43	1,180	0.56	1,180	483
Rented	1.5	1.5	2.0	84	61	83.7	33	1,017	0.74	1,017	403
Multifamily											
2 to 4 Units	10.1	3.6	11.6	257	81	93.4	39	2,493	0.78	905	380
Owned	2.0	0.7	3.6	331	66	121.1	52	3,165	0.63	1,159	494
Rented	8.1	2.9	8.0	239	88	86.6	36	2,326	0.85	842	353
5 or More Units	14.9	1.2	11.9	806	80	64.2	34	8,547	0.85	681	360
Owned	1.0	0.1	1.4	973	47	67.1	40	12,295	0.60	848	508
Rented	13.9	1.1	10.5	796	85	64.0	34	8,321	0.88	669	351
Mobile Homes	5.1	5.1	4.4	76	89	76.5	30	948	1.10	948	376
Owned	4.3	4.3	3.7	77	88	76.9	31	960	1.10	960	381
Rented	0.9	0.9	0.7	74	95	74.1	29	887	1.13	887	351
Heated Floorspace (square feet)											
Fewer than 600	8.4	3.5	5.2	150	102	63.1	32	1,601	1.09	675	339
600 to 999	23.9	14.1	21.7	131	85	77.2	34	1,405	0.91	825	367
1,000 to 1,599	25.6	21.4	38.9	111	61	92.8	35	1,248	0.69	1,046	390
1,600 to 1,999	11.3	10.7	23.7	119	54	113.7	42	1,299	0.59	1,238	459
2,000 to 2,399	8.4	8.1	21.2	135	52	129.7	43	1,410	0.54	1,358	451
2,400 to 2,999	7.7	7.5	23.3	150	48	145.0	48	1,494	0.48	1,448	480
3,000 or More	5.3	5.1	22.8	174	39	169.0	53	1,779	0.40	1,724	537

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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)
Total Number of Rooms (Excluding Bathrooms)											
1	0.7	0.1	0.3	452	101	52.1	41	4,738	1.06	546	430
2	2.4	0.7	1.4	197	95	54.3	37	1,839	0.89	508	341
3	9.8	3.3	7.4	179	80	60.0	35	1,964	0.88	659	382
4	17.7	11.1	19.1	123	71	77.1	34	1,337	0.78	840	374
5	20.9	17.7	32.6	114	62	96.3	36	1,216	0.66	1,028	382
6	17.4	16.2	35.4	121	56	112.9	40	1,303	0.60	1,214	427
7	11.2	11.1	27.9	129	51	127.6	42	1,391	0.55	1,374	456
8 or More	10.4	10.2	32.7	156	49	153.7	47	1,634	0.51	1,614	492
Ownership of Unit											
Owned	58.8	56.6	124.3	117	53	112.2	41	1,267	0.58	1,221	448
Rented	31.7	13.8	32.5	183	78	79.7	34	1,884	0.80	819	349
Public Housing	2.5	0.4	1.9	399	92	69.4	31	3,745	0.86	651	294
Not Public Housing	29.2	13.4	30.6	176	77	80.6	34	1,822	0.80	833	353
Rent Subsidy	1.4	0.5	1.2	215	88	76.4	35	2,274	0.93	810	370
No Rent Subsidy	27.8	12.9	29.3	175	77	80.8	34	1,805	0.79	834	353
Year of Construction											
1939 or Before	21.5	16.6	38.9	155	66	120.4	49	1,427	0.61	1,105	447
1940 to 1949	8.2	6.8	13.0	126	66	103.6	41	1,264	0.66	1,042	412
1950 to 1959	13.1	11.5	22.8	125	63	109.6	41	1,273	0.64	1,121	416
1960 to 1969	16.4	11.8	28.0	139	58	99.7	39	1,477	0.62	1,060	414
1970 to 1974	9.6	6.9	15.4	133	60	95.3	36	1,483	0.66	1,062	406
1975 to 1979	10.5	8.1	19.6	112	46	86.1	32	1,470	0.61	1,131	418
1980 to 1984	7.4	5.5	12.1	95	44	71.2	27	1,317	0.60	984	375
1985 to 1987 (3)	3.9	3.2	7.0	85	39	71.1	25	1,248	0.57	1,049	375
All Utilities Paid by Household											
Yes	73.7	66.6	141.5	117	55	105.2	39	1,275	0.60	1,150	423
No	16.8	3.9	15.3	355	90	81.7	40	3,341	0.84	768	375
1987 Family Income											
Less than \$5,000	6.2	3.8	6.3	135	81	82.6	43	1,337	0.80	818	430
\$5,000 to \$9,999	11.5	8.1	14.3	127	72	89.8	42	1,244	0.71	881	411
\$10,000 to \$14,999	12.6	9.5	17.5	121	66	91.1	40	1,235	0.67	927	407
\$15,000 to \$19,999	9.0	6.5	13.4	129	62	92.4	35	1,348	0.65	967	371
\$20,000 to \$24,999	8.8	6.9	14.3	122	58	95.8	37	1,325	0.63	1,038	401
\$25,000 to \$34,999	16.2	12.7	29.4	126	54	98.7	37	1,394	0.60	1,091	404
\$35,000 to \$49,999	13.4	11.5	28.1	131	53	112.2	37	1,465	0.60	1,257	417
\$50,000 or More	12.9	11.6	33.5	144	50	129.0	42	1,610	0.55	1,440	470
Below Poverty Line											
100 Percent	11.8	7.9	13.1	133	80	89.3	32	1,345	0.81	904	327
125 Percent	18.2	12.6	21.5	131	77	90.7	34	1,323	0.78	918	343
Eligible for Federal Assistance (4)											
	25.6	18.3	33.3	131	72	93.4	35	1,320	0.73	945	351
Age of Householder											
Under 25 Years	28.0	18.9	39.0	133	65	90.0	32	1,445	0.70	974	345
25 to 34 Years	18.0	14.8	34.6	129	55	105.7	32	1,435	0.61	1,180	359
35 to 44 Years	18.9	16.0	38.3	133	56	112.8	42	1,452	0.61	1,235	460
45 to 59 Years	25.7	20.7	45.0	125	57	100.4	56	1,253	0.58	1,010	564

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Education of Householder											
12 Years or Fewer	51.8	41.1	81.9	124	62	98.5	38	1,316	0.66	1,045	403
13 to 16 Years	30.7	23.2	58.0	137	55	103.4	39	1,493	0.60	1,128	427
17 Years or More	8.0	6.1	16.9	140	50	105.9	44	1,476	0.53	1,120	466
Race of Householder											
White	76.6	61.4	138.5	125	55	100.2	40	1,356	0.60	1,087	429
Black	10.9	7.2	14.3	168	84	110.3	39	1,673	0.84	1,097	391
Other	3.0	1.9	4.0	131	61	81.1	24	1,346	0.62	832	243
Householder of Hispanic Descent											
Yes	5.0	3.5	6.5	126	67	87.3	27	1,406	0.75	977	297
No	85.5	66.9	150.3	130	58	101.6	40	1,387	0.62	1,086	425
Household Size											
1 Person	21.6	13.1	27.2	131	63	79.4	79	1,267	0.61	769	769
2 Persons	30.7	24.4	54.6	121	54	96.0	48	1,309	0.58	1,040	520
3 Persons	35.1	30.1	68.3	135	59	115.5	31	1,484	0.65	1,272	340
4 or More Persons	3.1	2.8	6.7	145	61	131.2	20	1,606	0.68	1,452	220

(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 1987.

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

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.