

Table 1. Consumption and Expenditures in U.S. Households--Major Energy Sources (1), 1990

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	94.0	74.2	169.2	124	54	98.1	38	1,485	0.65	1,172	450
Census Region and Division											
Northeast	19.2	13.9	40.3	165	57	119.6	45	2,038	0.70	1,471	556
New England	4.5	3.2	9.3	164	56	113.9	45	2,028	0.69	1,408	562
Middle Atlantic	14.7	10.7	31.1	166	57	121.3	45	2,041	0.70	1,491	555
Midwest	23.1	18.7	46.9	150	60	121.7	49	1,436	0.57	1,166	465
East North Central	16.6	13.3	33.8	154	61	123.1	49	1,472	0.58	1,179	466
West North Central	6.5	5.4	13.2	140	58	118.0	48	1,347	0.55	1,132	462
South	32.3	26.7	52.4	97	50	80.6	31	1,390	0.71	1,151	441
South Atlantic	16.6	13.4	26.6	89	45	72.1	29	1,437	0.72	1,164	460
East South Central	6.4	5.4	10.8	97	49	82.1	33	1,152	0.58	974	386
West South Central	9.3	7.9	15.1	111	58	94.5	34	1,474	0.77	1,251	445
West	19.4	14.8	29.5	102	51	77.8	29	1,203	0.60	920	342
Mountain	4.8	4.2	7.8	118	63	101.8	37	1,166	0.62	1,002	366
Pacific	14.6	10.7	21.7	95	47	69.9	26	1,218	0.60	892	334
Metropolitan Statistical Area											
Urban	72.9	54.6	131.8	132	55	99.2	38	1,575	0.65	1,180	455
Central City	29.8	19.3	46.4	151	63	97.7	39	1,694	0.70	1,095	436
Suburban	43.0	35.3	85.5	122	50	100.2	38	1,509	0.62	1,239	467
Rural	21.1	19.6	37.4	102	53	94.2	35	1,237	0.65	1,146	431
Climate Zone (2)											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	10.1	8.3	21.0	136	53	110.6	45	1,389	0.55	1,132	465
5,500 to 7,000 HDD	26.7	21.2	54.5	155	60	123.3	47	1,578	0.61	1,251	481
4,000 to 5,499 HDD	20.9	16.3	39.3	131	54	101.6	39	1,573	0.65	1,222	469
Fewer than 4,000 HDD	19.3	14.8	28.6	95	49	72.9	28	1,311	0.68	1,008	386
2,000 CDD or More and--											
Fewer than 4,000 HDD	17.0	13.7	25.7	93	50	75.2	28	1,486	0.79	1,197	440
Type and Ownership of Housing Unit											
Single Family Detached	58.4	58.4	130.9	113	51	113.3	40	1,340	0.60	1,340	470
Owned	50.0	50.0	117.9	116	49	115.9	41	1,373	0.58	1,373	490
Rented	8.4	8.4	12.9	98	63	97.9	31	1,145	0.74	1,145	365
Single Family Attached	6.0	6.0	10.0	87	52	87.3	36	1,129	0.68	1,129	462
Owned	3.7	3.7	7.1	92	48	91.7	39	1,195	0.62	1,195	515
Rented	2.3	2.3	2.9	80	64	80.2	30	1,024	0.82	1,024	388
Multifamily											
2 to 4 Units	10.0	3.6	11.8	260	80	94.5	42	2,811	0.86	1,015	452
Owned	2.5	0.9	4.4	339	71	123.6	58	3,561	0.74	1,289	603
Rented	7.5	2.7	7.4	233	86	84.7	37	2,558	0.93	923	405
5 or More Units	14.4	1.0	11.7	734	62	50.5	27	9,827	0.84	677	355
Owned	1.8	0.1	2.2	1,217	48	57.5	32	19,128	0.75	903	496
Rented	12.6	0.9	9.5	688	66	49.5	26	8,948	0.86	644	336
Mobile Home	5.2	5.2	4.9	78	83	78.0	29	1,011	1.08	1,011	375
Owned	4.3	4.3	4.1	78	80	78.0	29	1,033	1.06	1,033	383
Rented	1.0	1.0	0.7	78	100	78.1	29	914	1.17	914	340
Heated Floorspace (square feet)											
Fewer than 1,000	30.6	16.1	24.4	121	80	63.6	30	1,523	1.01	802	373
1,000 to 1,999	39.1	34.9	66.4	110	58	98.5	36	1,338	0.70	1,192	436
2,000 to 2,999	16.9	15.9	45.9	133	46	125.2	42	1,590	0.55	1,500	507
3,000 or More	7.4	7.3	32.5	180	40	176.4	59	1,878	0.42	1,845	613

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Total Number of Rooms (Excluding Bathrooms)											
1 to 3	11.7	3.7	8.2	159	71	49.9	31	2,146	0.94	662	408
4 to 6	58.0	46.6	90.9	114	58	91.5	35	1,376	0.71	1,106	426
7 or More	24.3	23.9	70.2	139	47	136.9	44	1,603	0.55	1,576	507
Ownership of Unit											
Owned	62.3	59.0	135.8	117	51	110.5	41	1,397	0.61	1,322	488
Rented	31.7	15.3	33.4	153	70	73.7	31	1,827	0.83	878	365
Public Housing	2.5	0.6	2.1	254	66	57.4	24	2,857	0.75	646	275
Not Public Housing	29.2	14.7	31.3	149	70	75.1	31	1,788	0.84	898	373
Rent Subsidy	1.7	0.7	1.6	176	75	69.7	25	2,179	0.93	863	311
No Rent Subsidy	27.5	14.0	29.7	148	70	75.4	32	1,769	0.83	900	377
Year of Construction											
1939 or Before	21.5	16.8	40.8	153	63	119.7	47	1,559	0.64	1,216	474
1940 to 1949	7.0	6.1	11.6	122	64	105.2	41	1,309	0.68	1,130	435
1950 to 1959	13.4	11.9	24.7	123	59	109.5	43	1,412	0.68	1,254	490
1960 to 1969	14.8	11.4	26.2	124	54	95.4	39	1,507	0.65	1,155	467
1970 to 1979	21.4	15.3	36.3	119	50	85.1	32	1,599	0.68	1,143	431
1980 to 1984	8.0	6.2	13.6	93	42	71.9	26	1,452	0.66	1,120	399
1985 to 1987	5.1	4.1	9.2	83	37	67.6	26	1,294	0.58	1,051	403
1988 to 1990 (3)	2.8	2.5	6.9	114	42	103.1	35	1,371	0.50	1,237	417
All Utilities Paid by Household											
Yes	79.3	70.3	154.9	115	52	101.9	38	1,394	0.63	1,234	456
No	14.7	3.9	14.3	287	79	77.3	37	3,124	0.86	838	406
1990 Family Income											
Less than \$10,000	15.9	10.8	19.7	118	65	79.9	38	1,310	0.72	888	423
\$10,000 to \$19,999	19.8	14.7	28.2	113	59	83.7	36	1,420	0.69	978	421
\$20,000 to \$34,999	24.3	19.1	41.4	119	55	93.4	35	1,529	0.65	1,115	416
\$35,000 to \$49,999	16.7	14.2	33.1	123	53	104.5	37	1,807	0.65	1,296	456
\$50,000 or More	17.3	15.5	46.7	147	49	131.6	43		0.60	1,618	526
Below Poverty Line											
100 Percent	13.2	9.1	16.1	116	65	80.1	28	1,347	0.76	928	323
125 Percent	18.2	12.9	23.2	115	64	81.3	29	1,342	0.75	951	343
Eligible for Federal Assistance (4)											
	27.9	20.4	37.9	117	63	85.4	32	1,357	0.73	994	367
Age of Householder											
Under 35 Years	27.5	18.4	38.8	130	62	86.9	30	1,562	0.74	1,044	355
35 to 44 Years	20.2	17.1	40.3	126	53	106.5	33	1,534	0.65	1,297	400
45 to 59 Years	19.7	17.0	41.2	125	51	107.6	42	1,555	0.64	1,343	520
60 Years and Over	26.6	21.7	49.0	118	52	96.2	53	1,328	0.59	1,084	602
Education of Householder											
12 Years or Fewer	52.6	42.0	84.3	118	59	93.9	36	1,396	0.69	1,114	425
13 to 16 Years	31.7	24.5	62.0	129	51	100.1	38	1,559	0.62	1,205	462
17 Years and More	9.7	7.7	23.0	143	48	114.0	45	1,737	0.59	1,381	544
Race of Householder											
White	80.9	65.3	150.9	122	53	98.2	38	1,464	0.63	1,181	463
Black	10.6	7.1	14.9	154	74	103.6	36	1,730	0.82	1,162	405
Other	2.5	1.8	3.4	98	52	71.5	21	1,296	0.69	944	282

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Householder of Hispanic Descent											
Yes	6.3	4.5	8.8	118	61	83.7	25	1,459	0.75	1,034	313
No	87.6	69.7	160.5	125	54	99.1	39	1,487	0.65	1,182	462
Household Size											
1 Person	23.4	15.1	31.1	110	53	71.1	71	1,251	0.61	807	807
2 Persons	30.6	24.0	57.0	124	52	97.6	49	1,463	0.62	1,148	574
3 to 5 Persons	36.4	31.9	74.0	130	56	113.6	30	1,595	0.69	1,396	372
6 or More Persons	3.6	3.2	7.2	134	60	119.7	18	1,664	0.75	1,488	225

(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 1990.

(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 1990 Residential Energy Consumption Survey.