

Table 1. Consumption and Expenditures in U.S. Households--Major Energy Sources (1), 1993

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)
<b>Total U.S. Households</b>	96.6	76.5	181.2	131	55	103.6	40	1,620	0.68	1,282	491
<b>Census Region and Division</b>											
Northeast	19.5	13.8	40.1	173	60	122.4	47	2,157	0.74	1,526	583
New England	5.1	3.7	10.6	168	59	123.1	48	2,094	0.73	1,532	598
Middle Atlantic	14.4	10.1	29.4	175	60	122.1	46	2,180	0.75	1,523	578
Midwest	23.3	19.0	50.6	165	62	134.3	52	1,639	0.62	1,336	521
East North Central	16.4	13.1	35.3	173	64	138.8	54	1,696	0.63	1,358	526
West North Central	6.9	5.9	15.2	146	56	123.8	49	1,512	0.58	1,282	508
South	33.5	28.4	57.1	104	52	87.9	34	1,539	0.76	1,304	503
South Atlantic	17.4	14.2	29.9	95	45	77.8	31	1,577	0.75	1,288	506
East South Central	6.0	5.5	10.8	104	53	94.9	37	1,315	0.67	1,200	463
West South Central	10.1	8.7	16.5	118	62	101.1	38	1,619	0.86	1,391	522
West	20.4	15.4	33.5	101	46	76.0	28	1,263	0.58	953	353
Mountain	5.4	4.4	9.3	118	57	98.1	38	1,236	0.59	1,025	396
Pacific	15.0	10.9	24.2	94	42	68.2	25	1,274	0.58	928	338
<b>Four Most Populated States</b>											
New York	11.1	8.0	17.9	91	41	65.2	23	1,313	0.59	944	330
California	5.6	4.3	9.3	67	31	52.1	20	1,527	0.71	1,180	453
Texas	6.8	3.7	12.8	225	64	121.2	45	2,924	0.84	1,577	590
Florida	6.4	5.4	10.8	114	57	94.7	36	1,622	0.81	1,349	506
<b>Metropolitan Statistical Ares</b>											
Urban	75.8	57.2	140.5	137	56	103.2	39	1,689	0.69	1,275	488
Central City	30.6	19.8	47.1	151	63	97.6	38	1,784	0.75	1,155	455
Suburban	45.2	37.4	93.4	129	52	107.0	40	1,639	0.66	1,356	509
Rural	20.8	19.3	40.7	113	54	104.7	40	1,415	0.67	1,309	501
<b>Urban/Rural Location (2)</b>											
City	44.7	30.5	73.3	142	59	96.9	39	1,685	0.70	1,149	458
Town	15.8	13.5	29.9	127	57	108.9	42	1,500	0.68	1,286	498
Suburbs	19.9	16.5	43.0	140	54	115.8	43	1,736	0.67	1,440	529
Rural	16.2	16.0	35.0	103	47	101.6	36	1,477	0.67	1,453	520
<b>Climate Zone (3)</b>											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	8.7	7.6	19.3	142	56	124.0	48	1,434	0.57	1,254	481
5,500 to 7,000 HDD	26.5	20.4	55.2	168	62	129.2	51	1,761	0.65	1,356	534
4,000 to 5,499 HDD	22.5	17.0	44.0	143	55	108.3	42	1,796	0.69	1,359	521
Fewer than 4,000 HDD	17.8	13.9	28.5	101	49	78.5	29	1,419	0.69	1,107	408
2,000 CDD or More and--											
Fewer than 4,000 HDD	21.2	17.6	34.2	95	49	79.0	30	1,525	0.79	1,267	482

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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)
<b>Type and Ownership of Housing Unit</b>											
Single Family Detached	59.5	59.5	139.1	121	52	121.2	43	1,462	0.63	1,462	520
Owned	51.3	51.3	125.2	124	51	124.2	45	1,500	0.61	1,500	542
Rented	8.2	8.2	13.9	103	61	102.8	34	1,228	0.73	1,228	400
Single Family Attached	7.3	7.3	13.1	96	53	96.3	37	1,266	0.70	1,266	487
Owned	4.5	4.5	9.1	102	50	102.2	41	1,368	0.67	1,368	544
Rented	2.8	2.8	4.0	87	61	86.9	32	1,104	0.78	1,104	405
Multifamily											
2 to 4 Units	8.0	2.9	9.6	276	83	99.5	41	3,085	0.93	1,112	461
Owned	1.5	0.5	2.9	399	75	145.8	57	4,262	0.80	1,559	610
Rented	6.5	2.3	6.7	248	86	88.9	37	2,812	0.98	1,010	424
5 or More Units	16.2	1.2	14.0	685	60	51.5	26	9,855	0.86	740	373
Owned	1.6	0.1	1.9	716	43	51.6	30	11,929	0.71	859	501
Rented	14.7	1.1	12.1	682	62	51.4	26	9,646	0.88	728	362
Mobile Home	5.6	5.6	5.4	82	84	81.9	31	1,203	1.23	1,203	454
Owned	4.4	4.4	4.5	84	82	83.5	32	1,216	1.20	1,216	460
Rented	1.2	1.2	1.0	76	91	75.7	28	1,155	1.39	1,155	432
<b>Heated Floorspace</b> (square feet)											
Fewer than 1,000	29.3	15.3	24.2	128	81	66.7	31	1,674	1.06	875	411
1,000 to 1,999	40.2	34.6	68.2	117	59	100.7	37	1,492	0.76	1,286	473
2,000 to 2,999	17.8	17.4	48.6	140	50	136.6	47	1,661	0.60	1,622	552
3,000 or More	9.3	9.1	40.3	172	39	168.8	55	1,936	0.44	1,901	620
<b>Total Number of Rooms</b> (Excluding Bathrooms)											
1 to 2	3.2	0.7	1.7	195	78	41.3	29	2,702	1.08	574	409
3 to 5	47.4	31.0	59.6	122	63	79.6	35	1,577	0.82	1,032	451
6 to 8	40.2	39.1	97.7	130	52	126.3	42	1,572	0.63	1,529	514
9 or More	5.8	5.7	22.1	179	46	175.5	51	2,050	0.53	2,008	588
<b>Ownership of Unit</b>											
Owned	63.2	60.8	143.5	123	52	118.5	44	1,514	0.64	1,457	537
Rented	33.4	15.7	37.7	160	67	75.2	31	2,032	0.84	953	393
<b>Year of Construction</b>											
1939 or Before	20.4	16.0	40.6	164	65	129.4	51	1,682	0.66	1,325	525
1940 to 1949	6.9	5.9	11.6	132	67	111.8	45	1,462	0.74	1,240	496
1950 to 1959	13.1	11.7	24.7	128	60	114.1	41	1,555	0.73	1,387	495
1960 to 1969	15.0	11.3	27.2	136	57	102.9	43	1,665	0.69	1,257	522
1970 to 1979	18.1	13.1	31.7	122	50	87.9	34	1,693	0.70	1,222	472
1980 to 1984	8.5	6.5	14.7	105	46	80.3	30	1,632	0.72	1,247	459
1985 to 1987	5.5	4.3	10.8	108	44	85.2	30	1,630	0.66	1,284	459
1988 to 1993	4.7	4.0	10.0	106	43	90.4	31	1,544	0.62	1,322	452
1991 to 1993 (4)	4.5	3.7	10.0	108	40	88.9	33	1,455	0.53	1,200	448
<b>All Utilities Paid by Household</b>											
Yes	82.9	73.1	168.8	123	53	108.3	40	1,536	0.67	1,356	503
No	13.7	3.3	12.4	313	84	75.5	36	3,499	0.93	843	397

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<b>1993 Family Income</b>											
Less than \$5,000	4.1	2.3	4.6	139	71	79.8	35	1,723	0.88	991	433
\$5,000 to \$9,999	10.6	6.9	12.9	125	67	81.4	43	1,501	0.80	977	511
\$10,000 to \$14,999	11.1	7.8	16.0	128	62	89.7	38	1,501	0.73	1,051	446
\$15,000 to \$19,999	9.6	7.5	15.4	128	62	99.2	41	1,498	0.73	1,163	478
\$20,000 to \$24,999	8.7	6.8	14.4	125	59	96.6	41	1,525	0.72	1,182	501
\$25,000 to \$34,999	14.1	11.5	26.4	127	55	103.5	39	1,592	0.69	1,302	493
\$35,000 to \$49,999	17.5	14.6	37.5	130	51	108.5	38	1,648	0.64	1,379	477
\$50,000 to \$74,999	12.6	11.5	29.9	131	50	119.2	38	1,638	0.63	1,493	478
\$75,000 or More	8.3	7.6	24.3	153	48	139.9	45	1,983	0.62	1,809	588
<b>Below Poverty Line</b>											
100 Percent	14.4	9.3	17.7	133	70	85.8	31	1,630	0.86	1,055	377
125 Percent	19.4	13.1	25.0	130	68	87.8	32	1,592	0.83	1,078	388
150 Percent	24.8	17.0	32.8	129	67	88.6	32	1,595	0.82	1,092	395
<b>Eligible for Federal Assistance (5)</b>											
	30.7	21.1	42.5	132	65	90.7	35	1,595	0.79	1,096	419
<b>Age of Householder</b>											
Under 25 Years	5.7	3.0	6.4	143	67	75.4	30	1,810	0.85	956	377
25 to 34 Years	19.9	14.0	31.8	136	60	95.4	32	1,689	0.74	1,187	394
35 to 44 Years	21.4	18.0	42.8	126	53	105.9	32	1,640	0.69	1,380	417
45 to 59 Years	21.9	18.8	46.5	132	53	113.5	43	1,663	0.67	1,429	546
60 Years and Over	27.8	22.7	53.7	129	55	105.6	59	1,500	0.63	1,227	681
<b>Race of Householder</b>											
White	80.2	66.2	158.6	128	53	105.3	41	1,583	0.66	1,307	513
Black	10.9	7.0	15.2	167	77	106.7	39	1,955	0.90	1,250	461
Other (6)	5.5	3.3	7.4	121	55	72.7	22	1,641	0.74	988	295
<b>Householder of Hispanic Descent</b>											
Yes	7.9	5.2	11.2	123	57	81.2	25	1,612	0.75	1,065	332
No	88.7	71.3	170.1	131	55	105.5	41	1,620	0.68	1,302	508
<b>Household Size</b>											
1 Person	23.5	14.8	32.1	122	56	76.7	77	1,436	0.66	904	904
2 Persons	31.7	25.8	61.9	124	52	101.3	51	1,540	0.64	1,253	626
3 Persons	16.6	13.9	32.3	135	58	112.9	38	1,693	0.73	1,416	472
4 Persons	14.6	13.0	32.4	140	56	125.2	31	1,750	0.70	1,561	390
5 Persons	6.8	6.1	15.0	136	55	122.3	24	1,770	0.72	1,588	318
6 or More Persons	3.5	3.0	7.5	158	62	133.9	20	2,012	0.79	1,708	251
<b>Number of Stories</b>											
Single-Family Homes	66.8	66.8	152.2	119	52	118.5	43	1,441	0.63	1,441	517
1 Story	40.6	40.6	78.6	103	53	102.7	39	1,323	0.68	1,323	501
2 Stories	22.4	22.4	62.7	141	50	140.9	47	1,600	0.57	1,600	534
3 Stories	1.6	1.6	5.2	174	55	174.3	55	1,970	0.62	1,970	620
Split-Level	2.2	2.2	5.6	138	53	138.2	45	1,597	0.61	1,597	519
Other	Q	Q	Q	218	67	218.2	48	2,505	0.77	2,505	550
Mobile Homes	5.6	5.6	5.4	82	84	81.9	31	1,203	1.23	1,203	454
<b>Number of Floors in Apartment Buildings</b>											
1 or 2 Floors	7.8	0.8	6.8	467	55	47.7	22	7,216	0.85	737	342
3 or 4 Floors	4.3	0.3	3.8	787	64	56.8	31	10,596	0.87	764	412
5 to 10 Floors	2.4	(*)	1.9	2,673	67	53.3	30	35,144	0.89	701	388
11 to 20 Floors	1.0	(*)	0.9	5,501	56	48.6	31	81,811	0.83	723	460
More than 20 Floors	Q	Q	Q	9,499	56	60.5	26	151,857	0.90	968	409

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<b>Number of Units in Apartment Buildings</b>												
2 to 4 Units	8.0	2.9	9.6	276	83	99.5	41	3,085	0.93	1,112	461	
5 to 10 Units	5.7	0.8	5.2	405	62	56.7	27	5,540	0.85	776	366	
11 to 20 Units	4.0	0.3	3.2	670	58	46.3	22	10,842	0.93	749	362	
21 to 50 Units	3.0	0.1	2.8	1,649	58	53.7	25	22,724	0.80	739	351	
51 Units or More	3.3	(*)	2.6	4,976	59	47.2	30	69,749	0.83	662	423	
No Answer	0.2	(*)	0.1	662 (7)	60	41.4	35	13,362 (7)	1.22	835	707	
Not Applicable	72.4	72.4	157.6	116	53	115.7	42	1,423	0.65	1,423	512	

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

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

(3) Climate zones are based on annual degree-days that are averaged over 30 years from 1961 to 1980.

(4) Does not include all new construction for 1993.

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

(6) Includes 1.7 million householders who described themselves as Hispanic rather than White, Black, or other.

(7) 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.