

Table 1. Consumption and Expenditures in U.S. Households--Major Energy Sources (1), 2001

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>	107.0	85.2	211.3	116	47	92.2	36	1,875	0.76	1,493	583
<b>Census Region and Division</b>											
Northeast	20.3	14.1	43.7	153	49	106.6	44	2,501	0.81	1,741	715
New England	5.4	4.1	13.2	152	47	115.3	48	2,403	0.75	1,825	768
Middle Atlantic	14.8	10.0	30.5	154	50	103.4	42	2,541	0.83	1,710	696
Midwest	24.5	20.6	55.0	139	52	116.7	46	1,835	0.69	1,541	611
East North Central	17.1	14.1	38.1	144	53	118.9	47	1,860	0.69	1,534	604
West North Central	7.4	6.5	16.9	128	49	111.6	45	1,781	0.68	1,557	629
South	38.9	33.2	73.8	97	44	82.5	32	1,794	0.81	1,529	602
South Atlantic	20.3	17.0	38.9	92	40	77.3	30	1,819	0.80	1,526	597
East South Central	6.8	6.1	13.8	95	43	86.0	36	1,534	0.69	1,384	578
West South Central	11.8	10.0	21.1	106	50	89.5	35	1,913	0.91	1,617	623
West	23.3	17.4	38.8	94	42	70.1	25	1,566	0.70	1,168	424
Mountain	6.7	5.6	11.8	104	50	87.2	32	1,508	0.72	1,260	461
Pacific	16.6	11.8	27.0	89	39	63.2	23	1,594	0.69	1,131	409
<b>Four Most Populated States</b>											
California	12.3	8.8	20.2	87	38	62.3	21	1,633	0.71	1,168	399
Florida	6.3	5.1	11.7	72	31	58.1	23	1,805	0.79	1,458	577
New York	7.1	3.8	13.7	182	51	99.0	39	3,183	0.90	1,727	686
Texas	7.7	6.3	14.2	108	48	88.5	33	1,998	0.88	1,634	606
<b>Metropolitan Statistical Area</b>											
Urban	85.5	65.4	170.3	121	46	92.4	36	1,954	0.75	1,496	581
Central City	40.0	28.4	70.8	122	49	86.4	34	1,938	0.78	1,376	541
Suburban	45.5	37.0	99.5	120	45	97.6	37	1,966	0.73	1,601	615
Rural	21.5	19.8	41.0	100	48	91.6	36	1,612	0.78	1,483	591
<b>Urban/Rural Location (2)</b>											
City	49.9	35.0	84.9	121	50	84.7	34	1,917	0.79	1,347	534
Town	18.0	14.9	35.9	119	49	98.4	39	1,835	0.76	1,516	603
Suburbs	21.2	18.0	51.2	121	43	102.7	39	2,008	0.71	1,704	643
Rural or Open Country	17.9	17.3	39.3	98	43	94.5	36	1,683	0.74	1,628	619
<b>Climate Zone (3)</b>											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	9.2	8.1	21.0	121	47	106.2	43	1,661	0.64	1,454	582
5,500 to 7,000 HDD	28.6	22.6	63.5	145	51	114.0	46	2,000	0.71	1,576	630
4,000 to 5,499 HDD	24.0	17.9	47.0	128	49	95.2	38	2,031	0.77	1,514	609
Fewer than 4,000 HDD	21.0	16.9	38.2	91	41	73.7	27	1,702	0.76	1,373	495
2,000 CDD or More and--											
Fewer than 4,000 HDD	24.1	19.7	41.6	90	43	74.0	29	1,824	0.86	1,493	585

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<b>Type and Ownership of Housing Unit</b>											
Single-Family Detached	63.1	63.1	153.2	108	45	108.5	40	1,724	0.71	1,724	630
Owned	55.7	55.7	140.6	110	44	110.1	41	1,751	0.69	1,751	649
Rented	7.4	7.4	12.6	97	57	96.7	32	1,525	0.90	1,525	502
Single-Family Attached	10.6	10.6	23.3	100	46	100.4	37	1,531	0.70	1,531	572
Owned	7.5	7.5	18.6	107	43	107.1	41	1,623	0.66	1,623	628
Rented	3.1	3.1	4.7	84	55	83.9	29	1,306	0.85	1,306	449
Multifamily											
2 to 4 Units	9.5	3.4	13.2	217	56	78.1	34	3,498	0.91	1,261	554
Owned	2.1	0.8	4.2	271	49	98.8	43	4,463	0.80	1,626	702
Rented	7.4	2.7	9.0	201	59	72.3	32	3,224	0.95	1,159	512
5 or More Units	17.0	1.3	14.4	537	48	41.0	21	10,505	0.95	803	402
Owned	1.8	0.1	2.0	609	39	42.7	23	12,465	0.79	874	475
Rented	15.2	1.2	12.4	529	50	40.9	20	10,298	0.97	795	394
Mobile Homes	6.8	6.8	7.2	76	72	75.9	29	1,336	1.27	1,336	517
Owned	5.7	5.7	6.2	77	70	76.8	31	1,346	1.22	1,346	535
Rented	1.1	1.1	0.9	72	87	71.7	25	1,283	1.55	1,283	440
<b>Total Floorspace (Square Feet)</b>											
Fewer than 500	3.9	1.2	1.6	122	97	39.0	22	2,378	1.89	759	423
500 to 999	21.8	10.7	16.8	112	71	54.8	26	1,964	1.25	964	465
1,000 to 1,499	22.7	17.3	27.9	99	61	75.4	30	1,697	1.05	1,294	520
1,500 to 1,999	16.6	15.4	28.9	101	54	93.5	35	1,647	0.88	1,522	567
2,000 to 2,499	13.5	12.9	30.1	112	48	106.8	39	1,748	0.75	1,672	616
2,500 to 2,999	9.3	9.0	25.5	120	42	115.8	43	1,826	0.64	1,759	648
3,000 to 3,499	6.9	6.7	22.2	131	39	126.8	40	2,054	0.62	1,996	636
3,500 to 3,999	4.1	3.9	15.0	149	39	143.6	45	2,307	0.60	2,224	697
4,000 or More	8.2	8.1	43.3	157	29	155.2	52	2,389	0.45	2,359	790
<b>Total Number of Rooms</b>											
1	2.6	0.6	1.3	136	63	32.1	19	2,557	1.18	601	365
2	9.2	2.5	6.7	149	55	39.7	24	2,771	1.03	741	451
3	19.0	11.2	21.6	109	56	64.2	31	1,841	0.96	1,089	528
4	22.2	18.5	36.0	100	51	83.3	33	1,635	0.84	1,363	543
5	23.0	21.7	49.5	105	46	98.7	36	1,696	0.74	1,599	579
6	14.0	13.9	37.0	117	44	115.3	39	1,844	0.69	1,824	618
7	9.8	9.7	30.2	133	43	131.8	42	2,070	0.67	2,053	656
8 or More	7.2	7.1	29.0	164	40	162.9	48	2,515	0.62	2,505	736
<b>Ownership of Unit</b>											
Owned	72.7	69.8	171.6	110	45	105.2	40	1,753	0.71	1,681	637
Rented	34.3	15.5	39.7	143	56	64.6	27	2,424	0.94	1,094	455
<b>Year of Construction</b>											
1939 or Before	19.0	14.4	38.5	150	56	113.9	46	2,130	0.79	1,613	651
1940 to 1949	7.6	6.3	14.2	120	54	99.8	38	1,833	0.82	1,518	572
1950 to 1959	14.2	12.2	28.4	114	49	97.9	39	1,745	0.75	1,500	599
1960 to 1969	13.8	10.7	25.3	112	47	86.5	36	1,824	0.77	1,414	583
1970 to 1979	18.8	13.9	32.6	106	46	79.0	32	1,868	0.80	1,388	555
1980 to 1989	18.2	14.0	35.1	104	41	79.7	32	1,874	0.75	1,438	575
1990 to 1999	14.5	12.9	34.5	103	39	91.3	31	1,779	0.66	1,575	539
2000 to 2001 (4)	0.9	0.9	2.8	116	37	111.1	33	1,930	0.61	1,845	547
<b>All Utilities Paid by Household</b>											
Yes	94.5	82.1	199.2	112	46	97.1	37	1,807	0.74	1,569	597
No	12.5	3.2	12.1	216	57	54.8	26	3,631	0.95	920	444

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<b>2001 Household Income</b>											
Less than \$10,000	11.0	6.4	12.9	112	56	65.2	35	1,792	0.89	1,039	554
\$10,000 to \$14,999	7.7	5.3	10.2	101	52	69.7	33	1,632	0.85	1,124	528
\$15,000 to \$19,999	8.9	6.5	13.3	110	54	80.5	35	1,769	0.86	1,290	565
\$20,000 to \$29,999	14.0	11.0	21.7	106	54	83.4	36	1,676	0.85	1,315	561
\$30,000 to \$39,999	13.9	10.7	24.0	113	50	86.9	34	1,821	0.81	1,398	547
\$40,000 to \$49,999	13.2	11.2	27.3	109	45	92.8	34	1,785	0.73	1,518	562
\$50,000 to \$74,999	21.7	18.9	51.1	118	43	102.5	35	1,932	0.71	1,683	577
\$75,000 to \$99,999	8.1	7.4	21.7	122	42	112.5	38	1,987	0.68	1,825	624
\$100,000 or More	8.6	7.9	29.1	148	40	136.1	45	2,423	0.66	2,231	732
<b>Below Poverty Line</b>											
100 Percent	15.0	9.3	18.4	114	58	70.7	28	1,829	0.93	1,138	444
125 Percent	20.1	13.2	26.4	114	57	75.0	27	1,835	0.92	1,205	435
150 Percent	26.5	17.7	35.5	114	57	76.0	29	1,819	0.91	1,219	464
<b>Eligible for Federal Assistance (5)</b>											
	33.8	23.3	48.5	116	56	79.9	30	1,842	0.89	1,270	479
<b>Age of Householder</b>											
Under 25 Years	6.1	3.1	7.1	129	57	65.9	25	2,241	1.00	1,148	434
25 to 34 Years	16.8	12.5	28.2	111	49	82.4	27	1,843	0.82	1,367	451
35 to 44 Years	22.3	18.3	46.8	122	48	100.1	30	1,988	0.78	1,626	494
45 to 59 Years	28.6	24.7	65.5	119	45	102.5	40	1,919	0.72	1,657	642
60 Years and Over	30.5	24.6	58.7	109	46	87.7	50	1,710	0.72	1,378	786
<b>Race of Householder</b>											
Non-Hispanic	96.8	78.6	197.0	116	46	94.5	38	1,878	0.75	1,524	613
Non-Hispanic White	78.7	65.8	164.3	114	46	95.2	40	1,834	0.73	1,533	637
Non-Hispanic Black	12.7	9.2	23.2	139	55	100.8	38	2,174	0.87	1,581	589
Multi-racial (6)	0.9	0.6	1.3	102	49	75.4	27	1,823	0.88	1,343	477
Other (7)	4.5	2.9	8.2	108	38	69.0	21	1,943	0.69	1,244	378
Hispanic	10.2	6.6	14.3	108	50	70.0	21	1,837	0.85	1,195	363
<b>Householder of Hispanic Descent</b>											
Yes	10.1	6.6	14.1	108	50	69.8	21	1,840	0.85	1,193	363
No	96.9	78.7	197.2	116	46	94.5	38	1,877	0.75	1,524	613
<b>Household Size</b>											
1 Person	28.2	18.7	40.4	99	46	65.5	65	1,588	0.74	1,053	1,053
2 Persons	35.1	29.0	73.0	112	45	92.6	46	1,802	0.71	1,486	743
3 Persons	17.0	14.0	35.7	119	47	98.2	33	1,950	0.77	1,608	536
4 Persons	15.6	13.7	36.5	125	47	110.0	27	2,055	0.77	1,808	452
5 Persons	7.1	6.2	16.5	141	53	122.9	25	2,303	0.87	2,006	401
6 or More Persons	4.0	3.6	9.2	140	55	127.3	19	2,226	0.88	2,022	301
<b>Number of Stories</b>											
Single-Family Homes	73.7	73.7	176.5	107	45	107.3	39	1,697	0.71	1,697	622
1 Story	44.2	44.2	88.6	93	46	92.7	36	1,544	0.77	1,544	600
2 Stories	26.4	26.4	78.5	127	43	127.3	43	1,907	0.64	1,907	644
3 Stories	1.6	1.6	5.4	164	50	163.9	53	2,351	0.71	2,351	765
Split-Level	1.3	1.3	3.8	129	45	128.7	45	1,819	0.64	1,819	636
Other	Q	Q	Q	77	36	77.3	19	1,111	0.52	1,111	278
Mobile Homes	6.8	6.8	7.2	76	72	75.9	29	1,336	1.27	1,336	517

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<b>Number of Floors in Apartment Buildings</b>											
1 or 2 Floors	8.9	0.9	7.9	425	46	40.7	19	8,752	0.94	838	395
3 or 4 Floors	4.7	0.3	3.8	552	49	40.6	21	9,895	0.89	727	378
5 to 10 Floors	2.4	0.1	1.8	1,232	56	42.4	23	23,201	1.06	798	435
11 to 20 Floors	0.9	(*)	0.8	1,783	51	41.9	25	34,941	0.99	821	498
<b>Number of Units in Apartment Buildings</b>											
2 to 4 Units	9.5	3.4	13.2	217	56	78.1	34	3,498	0.91	1,261	554
5 to 10 Units	5.9	0.8	5.6	332	50	46.7	22	6,318	0.95	890	429
11 to 20 Units	4.2	0.3	3.4	565	48	39.6	18	11,816	1.01	828	371
21 to 50 Units	2.4	0.1	2.1	1,227	42	36.4	19	25,391	0.87	752	389
51 Units or More	2.9	(*)	2.1	3,388	51	36.7	22	60,243	0.91	653	399
No Answer	1.0	0.1	0.8	607(8)	51	37.9	20	12,406(8)	1.05	775	412
Not Applicable	80.5	80.5	183.7	105	46	104.7	39	1,666	0.73	1,666	613

(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) One of five climatically distinct areas, determined according to the 30-year average (1961-1990) of the annual heating and cooling degree-days. For this report, the heating or cooling degree-days are a measure of how cold or how hot a location is over a period of one year, relative to a base temperature of 65 degrees Fahrenheit. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

(4) New construction for 2001 includes only those housing units built and occupied between January and the April-September period when the household interviews were conducted.

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

(6) Respondents could select one or more race categories to describe themselves.

(7) Includes Native American, Native Alaskan, and Pacific Islander households.

(8) For these buildings we assumed 16 units, the median value of the reported cases.

(\*) = Value rounds to zero in the units displayed.

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 2001 Residential Energy Consumption Survey.