

Table 1. Consumption and Expenditures in U.S. Households that Used Electricity, 1993

Characteristics	Total Households (million)	Residential Buildings		Average Electricity							
		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	76.4	181.2	43	18	34.0	13	1,061	0.45	840	321
<b>Census Region and Division</b>											
Northeast	19.5	13.8	40.1	34	12	24.1	9	1,144	0.39	809	309
New England	5.1	3.7	10.6	33	11	24.1	9	1,089	0.38	797	311
Middle Atlantic	14.4	10.1	29.4	35	12	24.2	9	1,165	0.40	814	309
Midwest	23.3	19.0	50.6	39	15	31.8	12	925	0.35	753	294
East North Central	16.4	13.1	35.3	38	14	30.4	12	932	0.35	747	289
West North Central	6.9	5.9	15.2	42	16	35.2	14	907	0.35	769	304
South	33.4	28.3	57.1	53	26	45.1	17	1,204	0.60	1,019	394
South Atlantic	17.3	14.1	29.8	53	25	43.1	17	1,253	0.59	1,023	403
East South Central	6.0	5.5	10.8	55	28	50.0	19	1,004	0.51	917	353
West South Central	10.1	8.7	16.5	53	28	45.5	17	1,250	0.66	1,074	403
West	20.4	15.4	33.5	37	17	27.7	10	891	0.41	672	249
Mountain	5.4	4.4	9.3	38	18	31.2	12	816	0.39	677	261
Pacific	15.0	10.9	24.2	36	16	26.5	10	921	0.42	671	244
<b>Four Most Populated States</b>											
California	11.1	8.0	17.9	28	13	20.2	7	924	0.41	664	232
Florida	5.6	4.3	9.3	59	27	45.3	17	1,433	0.66	1,107	424
New York	6.8	3.7	12.8	36	10	19.7	7	1,482	0.42	799	299
Texas	6.4	5.4	10.8	55	27	45.3	17	1,283	0.64	1,067	400
<b>Metropolitan Statistical Area</b>											
Urban	75.8	57.2	140.5	43	17	32.1	12	1,093	0.44	825	316
Central City	30.6	19.8	47.1	42	18	27.2	11	1,094	0.46	708	279
Suburban	45.2	37.4	93.4	43	17	35.4	13	1,092	0.44	904	339
Rural	20.8	19.2	40.6	44	21	40.9	16	966	0.46	894	343
<b>Urban/Rural Location (1)</b>											
City	44.7	30.5	73.3	41	17	27.7	11	1,054	0.44	718	286
Town	15.8	13.5	29.9	41	18	35.0	14	957	0.43	821	318
Suburbs	19.9	16.5	43.0	44	17	36.8	14	1,143	0.44	948	348
Rural	16.2	15.9	34.9	48	22	46.9	17	1,077	0.49	1,060	380
<b>Climate Zone (2)</b>											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	8.7	7.6	19.3	36	14	31.4	12	797	0.31	697	267
5,500 to 7,000 HDD	26.5	20.4	55.2	39	14	29.9	12	976	0.36	752	296
4,000 to 5,499 HDD	22.4	16.9	44.0	46	18	34.4	13	1,128	0.43	852	328
Fewer than 4,000 HDD	17.8	13.9	28.5	39	19	30.6	11	1,014	0.49	792	291
2,000 CDD or More and--											
Fewer than 4,000 HDD	21.2	17.6	34.1	51	26	42.6	16	1,245	0.64	1,035	394

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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	59.4	59.4	139.0	39	17	39.3	14	950	0.41	950	338
Owned	51.2	51.2	125.1	40	17	40.3	15	973	0.40	973	351
Rented	8.2	8.2	13.9	33	20	33.2	11	802	0.47	802	263
Single Family Attached	7.3	7.3	13.1	33	18	33.1	13	852	0.47	852	328
Owned	4.5	4.5	9.1	36	18	35.9	14	927	0.46	927	369
Rented	2.8	2.8	4.0	29	20	28.6	10	732	0.51	732	268
Multifamily											
2 to 4 Units	8.0	2.9	9.6	58	17	20.8	9	1,633	0.49	588	244
Owned	1.5	0.5	2.9	60	11	22.0	9	1,938	0.37	709	277
Rented	6.5	2.3	6.7	57	20	20.6	9	1,562	0.55	561	236
5 or More Units	16.2	1.2	14.0	265	23	19.9	10	7,189	0.63	540	272
Owned	1.6	0.1	1.9	311	19	22.4	13	9,488	0.56	683	398
Rented	14.7	1.1	12.1	260	24	19.6	10	6,956	0.64	525	261
Mobile Home	5.6	5.6	5.4	38	39	38.4	14	884	0.91	884	334
Owned	4.4	4.4	4.5	39	39	39.1	15	900	0.89	900	340
Rented	1.2	1.2	1.0	36	43	35.5	13	827	0.99	827	309
<b>Heated Floorspace</b> (square feet)											
Fewer than 1,000	29.3	15.3	24.2	45	28	23.3	11	1,126	0.71	587	276
1,000 to 1,999	40.2	34.6	68.2	41	21	35.5	13	1,010	0.51	871	321
2,000 to 2,999	17.8	17.4	48.6	43	15	41.5	14	1,047	0.38	1,022	348
3,000 or More	9.3	9.1	40.3	48	11	46.8	15	1,171	0.27	1,150	375
<b>Total Number of Rooms</b> (Excluding Bathrooms)											
1 to 2	3.2	0.7	1.7	63	25	13.5	10	1,777	0.71	377	269
3 to 5	47.3	30.9	59.6	43	22	28.0	12	1,067	0.55	698	304
6 to 8	40.2	39.1	97.7	42	17	40.6	14	1,016	0.41	988	333
9 or More	5.8	5.7	22.1	49	13	48.4	14	1,246	0.32	1,220	357
<b>Ownership of Unit</b>											
Owned	63.2	60.8	143.5	41	17	39.0	14	989	0.42	951	351
Rented	33.4	15.7	37.7	52	22	24.5	10	1,340	0.56	628	259
<b>Year of Construction</b>											
1939 or Before	20.3	16.0	40.5	32	13	25.2	10	835	0.33	657	261
1940 to 1949	6.9	5.8	11.6	34	17	29.2	12	840	0.42	712	284
1950 to 1959	13.1	11.7	24.7	36	17	32.2	12	963	0.45	859	307
1960 to 1969	15.0	11.3	27.2	43	18	32.3	13	1,080	0.45	816	339
1970 to 1979	18.1	13.1	31.7	54	22	39.3	15	1,278	0.53	923	356
1980 to 1984	8.5	6.5	14.7	55	24	41.6	15	1,312	0.58	1,002	369
1985 to 1987	5.5	4.3	10.8	53	21	41.4	15	1,266	0.51	997	356
1988 to 1990	4.7	4.0	10.0	51	21	43.5	15	1,191	0.48	1,020	348
1991 to 1993 (3)	4.5	3.7	10.0	45	16	36.9	14	1,044	0.38	861	321
<b>All Utilities Paid by Household</b>											
Yes	82.9	73.1	168.8	42	18	37.1	14	1,022	0.44	902	335
No	13.7	3.3	12.4	64	17	15.5	7	1,918	0.51	462	218

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<b>1993 Family Income</b>											
Less than \$5,000	4.0	2.3	4.5	42	21	24.0	10	1,084	0.55	622	271
\$5,000 to \$9,999	10.6	6.9	12.9	38	20	24.5	13	936	0.50	608	318
\$10,000 to \$14,999	11.1	7.8	16.0	37	18	25.7	11	921	0.45	645	273
\$15,000 to \$19,999	9.6	7.5	15.4	40	19	30.7	13	948	0.46	736	302
\$20,000 to \$24,999	8.7	6.8	14.4	42	20	32.3	14	996	0.47	772	327
\$25,000 to \$34,999	14.1	11.5	26.4	44	19	36.2	14	1,065	0.46	871	330
\$35,000 to \$49,999	17.4	14.6	37.4	45	17	37.5	13	1,109	0.43	928	322
\$50,000 to \$74,999	12.6	11.5	29.9	45	17	41.0	13	1,100	0.42	1,002	321
\$75,000 or More	8.3	7.6	24.3	50	16	45.9	15	1,321	0.41	1,205	392
<b>Below Poverty Line</b>											
100 Percent	14.4	9.3	17.7	41	22	26.6	10	1,033	0.54	669	239
125 Percent	19.4	13.1	25.0	41	21	27.5	10	1,012	0.53	685	247
150 Percent	24.7	16.9	32.7	42	22	28.5	10	1,030	0.53	704	255
<b>Eligible for Federal Assistance (4)</b>											
	30.6	21.0	42.5	40	20	27.7	11	1,006	0.50	691	264
<b>Age of Householder</b>											
Under 25 Years	5.7	3.0	6.4	52	24	27.3	11	1,250	0.59	660	260
25 to 34 Years	19.9	14.0	31.8	45	20	31.9	11	1,121	0.49	788	261
35 to 44 Years	21.4	18.0	42.8	45	19	38.2	12	1,122	0.47	944	286
45 to 59 Years	21.9	18.8	46.5	45	18	39.1	15	1,111	0.45	955	365
60 Years and Over	27.7	22.7	53.7	36	15	29.7	16	908	0.38	742	412
<b>Race of Householder</b>											
White	80.1	66.1	158.6	43	18	35.4	14	1,046	0.44	863	339
Black	10.9	7.0	15.2	45	20	28.6	11	1,174	0.54	750	277
Other (5)	5.5	3.3	7.4	40	18	24.0	7	1,112	0.50	670	200
<b>Householder of Hispanic Descent</b>											
Yes	7.9	5.2	11.2	39	18	25.6	8	1,066	0.50	704	219
No	88.7	71.2	170.0	43	18	34.8	14	1,060	0.44	852	333
<b>Household Size</b>											
1 Person	23.5	14.8	32.1	35	16	22.1	22	888	0.41	559	559
2 Persons	31.7	25.8	61.9	42	17	34.1	17	1,014	0.42	825	413
3 Persons	16.6	13.9	32.3	44	19	37.0	12	1,104	0.47	923	308
4 Persons	14.6	13.0	32.4	47	19	42.0	11	1,162	0.47	1,036	259
5 Persons	6.8	6.1	15.0	50	20	44.7	9	1,219	0.49	1,094	219
6 or More Persons	3.5	2.9	7.4	53	21	45.2	7	1,361	0.54	1,154	170
<b>Number of Stories</b>											
Single-Family Homes	66.7	66.7	152.1	39	17	38.7	14	939	0.41	939	337
1 Story	40.5	40.5	78.6	39	20	38.9	15	922	0.48	922	349
2 Stories	22.4	22.4	62.6	38	14	37.8	13	954	0.34	954	319
3 Stories	1.6	1.6	5.2	35	11	35.4	11	1,009	0.32	1,009	318
Split-Level	2.2	2.2	5.6	44	17	44.1	14	1,039	0.40	1,039	337
Other	Q	Q	Q	41	13	40.9	9	1,187	0.37	1,187	261
Mobile Homes	5.6	5.6	5.4	38	39	38.4	14	884	0.91	884	334

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<b>Number of Floors in Apartment Buildings</b>											
1 or 2 Floors	7.8	0.8	6.8	226	27	23.1	11	5,689	0.67	581	270
3 or 4 Floors	4.3	0.3	3.8	259	21	18.6	10	7,209	0.59	520	281
5 to 10 Floors	2.4	(*)	1.9	628	16	12.5	7	22,122	0.56	441	244
11 to 20 Floors	1.0	(*)	0.9	1,818	18	16.1	10	58,659	0.59	518	330
More than 20 Floors	Q	Q	Q	4,523	27	28.8	12	118,448	0.70	755	319
Don't Know/No Answer	0.7	0.1	0.5	224	25	20.3	10	5,924	0.66	536	268
<b>Number of Units in Apartment Buildings</b>											
2 to 4 Units	8.0	2.9	9.6	58	17	20.8	9	1,633	0.49	588	244
5 to 10 Units	5.7	0.8	5.2	160	25	22.5	11	3,979	0.61	558	263
11 to 20 Units	4.0	0.3	3.2	315	27	21.7	11	8,444	0.73	584	282
21 to 50 Units	3.0	0.1	2.8	498	18	16.2	8	15,487	0.54	504	239
51 Units or More	3.3	(*)	2.6	1,668	20	15.8	10	50,132	0.60	476	304
No Answer	0.2	(*)	0.1	509(6)	46	31.8	27	12,413(6)	1.13	776	657
Not Applicable	72.3	72.3	157.6	39	18	38.6	14	935	0.43	935	337

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

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

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

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

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

(6) 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.