

Table 1. Consumption and Expenditures in U.S. Households that Used Electricity, 1990

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)
Total U.S. Households	94.0	74.2	169.2	41	18	32.3	12	964	0.42	761	292
Census Region and Division											
Northeast	19.2	13.9	40.3	34	12	24.3	9	1,049	0.36	757	286
New England	4.5	3.2	9.3	33	11	22.9	9	976	0.33	677	270
Middle Atlantic	14.7	10.7	31.1	34	12	24.7	9	1,070	0.37	782	291
Midwest	23.1	18.7	46.9	35	14	28.8	11	820	0.33	666	266
East North Central	16.6	13.3	33.8	35	14	28.2	11	827	0.33	662	262
West North Central	6.5	5.4	13.2	36	15	30.1	12	805	0.33	677	276
South	32.3	26.7	52.4	51	26	42.2	16	1,089	0.56	902	346
South Atlantic	16.6	13.4	26.6	50	25	40.7	16	1,137	0.57	921	364
East South Central	6.4	5.4	10.8	51	26	43.1	17	885	0.45	749	297
West South Central	9.3	7.9	15.1	52	27	44.2	16	1,148	0.60	974	347
West	19.4	14.8	29.5	36	18	27.8	10	843	0.42	644	240
Mountain	4.8	4.2	7.8	34	18	29.3	11	750	0.40	644	235
Pacific	14.6	10.7	21.7	37	18	27.3	10	879	0.43	644	241
Metropolitan Statistical Area											
Urban	72.9	54.6	131.8	41	17	30.9	12	1,014	0.42	760	293
Central City	29.8	19.3	46.4	43	18	27.8	11	1,044	0.43	674	269
Suburban	43.0	35.3	85.5	40	17	33.1	12	997	0.41	819	309
Rural	21.1	19.6	37.4	40	21	36.9	14	827	0.43	766	288
Climate Zone (1)											
Fewer than 2,000 CDD and--											
More than 7,000 HDD	10.1	8.3	21.0	36	14	29.0	12	768	0.30	626	257
5,500 to 7,000 HDD	26.7	21.2	54.5	35	14	28.0	11	869	0.34	689	265
4,000 to 5,499 HDD	20.9	16.3	39.3	41	17	31.8	12	960	0.40	746	286
Fewer than 4,000 HDD	19.3	14.8	28.6	40	21	30.5	12	963	0.50	741	284
2,000 CDD or More and--											
Fewer than 4,000 HDD	17.0	13.7	25.7	54	29	43.4	16	1,236	0.66	996	366
Type and Ownership of Housing Unit											
Single Family Detached	58.4	58.4	130.9	38	17	37.6	13	874	0.39	874	307
Owned	50.0	50.0	117.9	38	16	38.4	14	895	0.38	895	319
Rented	8.4	8.4	12.9	33	21	32.8	10	754	0.49	754	240
Single Family Attached	6.0	6.0	10.0	31	19	31.4	13	769	0.46	769	314
Owned	3.7	3.7	7.1	30	15	29.7	13	779	0.40	779	335
Rented	2.3	2.3	2.9	34	27	34.1	13	752	0.60	752	285
Multifamily											
2 to 4 Units	10.0	3.6	11.8	56	17	20.1	9	1,475	0.45	532	237
Owned	2.5	0.9	4.4	63	13	22.9	11	1,723	0.36	624	292
Rented	7.5	2.7	7.4	53	19	19.2	8	1,391	0.51	502	220
5 or More Units	14.4	1.0	11.7	285	24	19.7	10	7,118	0.61	490	257
Owned	1.8	0.1	2.2	504	20	23.8	13	14,508	0.57	685	376
Rented	12.6	0.9	9.5	265	25	19.1	10	6,420	0.61	462	241
Mobile Home	5.2	5.2	4.9	31	33	31.0	12	671	0.71	671	249
Owned	4.3	4.3	4.1	33	34	33.0	12	704	0.72	704	261
Rented	1.0	1.0	0.7	22	28	21.9	8	523	0.67	523	195

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Heated Floorspace												
(square feet)												
Fewer than 1,000	30.6	16.1	24.4	43	28	22.6	11	1,017	0.67	536	249	
1,000 to 1,999	39.1	34.9	66.4	38	20	34.3	13	890	0.47	793	290	
2,000 to 2,999	16.9	15.9	45.9	43	15	40.2	14	1,021	0.35	964	326	
3,000 or More	7.4	7.3	32.5	44	10	43.2	14	1,078	0.24	1,059	352	
Total Number of Rooms												
(Excluding Bathrooms)												
1 to 3	58.2	46.8	91.1	38	20	30.6	12	898	0.46	722	278	
4 to 6	24.3	23.9	70.2	43	15	42.6	14	1,019	0.35	1,001	322	
7 or More												
Ownership of Unit												
Owned	31.7	15.2	33.4	50	23	23.9	10	1,190	0.54	572	238	
Rented	2.5	0.6	2.1	86	23	19.5	8	1,809	0.47	409	174	
Public Housing	29.2	14.7	31.3	48	23	24.3	10	1,166	0.55	585	243	
Not Public Housing	1.7	0.7	1.6	54	23	21.3	8	1,393	0.59	552	199	
Rent Subsidy	27.5	14.0	29.7	48	23	24.5	10	1,155	0.54	587	246	
No Rent Subsidy												
Year of Construction												
1939 or Before	7.0	6.1	11.6	32	17	27.3	10	736	0.39	635	244	
1940 to 1949	13.4	11.9	24.7	35	17	30.7	12	854	0.41	758	296	
1950 to 1959	14.8	11.4	26.2	42	18	32.4	13	1,002	0.43	768	311	
1960 to 1969	21.4	15.3	36.3	54	23	38.4	14	1,197	0.51	856	322	
1970 to 1979	8.0	6.2	13.6	52	24	39.9	14	1,188	0.54	917	327	
1980 to 1984	5.1	4.1	9.2	46	20	37.2	14	1,071	0.48	870	333	
1985 to 1987	2.8	2.5	6.9	42	15	38.1	13	964	0.35	869	293	
1988 to 1990 (2)												
All Utilities Paid by Household												
Yes	14.7	3.9	14.3	63	17	16.8	8	1,705	0.47	457	221	
No												
1990 Family Income												
Less than \$10,000	19.8	14.7	28.2	36	19	26.9	12	833	0.43	618	266	
\$10,000 to \$19,999	24.3	19.1	41.4	41	19	31.8	12	938	0.43	736	275	
\$20,000 to \$34,999	16.7	14.2	33.1	44	19	37.0	13	1,030	0.44	873	308	
\$35,000 to \$49,999	17.3	15.5	46.7	48	16	43.3	14	1,202	0.40	1,076	350	
\$50,000 or More												
Below Poverty Line												
100 Percent	18.2	12.9	23.2	36	20	25.5	9	827	0.46	586	211	
125 Percent												
Eligible for Federal Assistance (3)												
	27.9	20.4	37.9	35	19	26.0	10	827	0.45	606	224	

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Age of Householder												
Under 35 Years	27.5	18.4	38.8	43	20	28.7	10	1,025	0.49	685	233	
35 to 44 Years	20.2	17.0	40.3	43	18	36.7	11	1,023	0.43	865	267	
45 to 59 Years	19.7	17.0	41.2	45	19	39.2	15	1,063	0.44	919	356	
60 Years and Over	26.6	21.7	49.0	34	15	27.4	15	790	0.35	644	358	
Education of Householder												
12 Years or Fewer	52.6	42.0	84.3	38	19	30.0	11	879	0.44	701	268	
13 to 16 Years	31.7	24.5	62.0	45	18	34.6	13	1,054	0.42	815	313	
17 Years and More	9.7	7.7	23.0	46	16	36.6	14	1,144	0.39	909	358	
Race of Householder												
White	80.9	65.3	150.9	41	18	32.9	13	960	0.42	774	304	
Black	10.6	7.1	14.9	43	20	28.7	10	1,018	0.49	683	238	
Other	2.5	1.8	3.4	38	20	27.7	8	919	0.49	669	200	
Householder of Hispanic Descent												
Yes	6.3	4.5	8.8	38	19	26.7	8	977	0.50	693	210	
No	87.6	69.7	160.5	41	18	32.7	13	964	0.42	766	300	
Household Size												
1 Person	23.4	15.1	31.1	33	16	21.0	21	773	0.38	498	498	
2 Persons	30.6	24.0	57.0	40	17	31.3	16	933	0.39	732	366	
3 to 5 Persons	36.4	31.9	74.0	45	19	39.4	11	1,065	0.46	933	249	
6 or More Persons	3.6	3.2	7.2	46	21	40.8	6	1,091	0.49	976	148	

(1) Climate zones are based on annual degree-days that are averaged over 30 years from 1951 to 1980.

(2) Does not include all new construction for 1990.

(3) 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.