

**Table 3. Electricity Consumption and Expenditures in U.S. Households by End Uses and Census Region, 1997**

	Total U.S.	Census Region				RSE Row Factors
		Northeast	Midwest	South	West	
		0.6	1.4	1.4	0.8	
RSE Column Factor:						
<b>Total Households (million)</b> .....	101.5	19.7	24.1	35.9	21.8	NF
<b>CONSUMPTION</b>						
<b>Electricity Consumption - All Uses</b>						
Households Using Electricity (million) .....	101.4	19.7	24.1	35.9	21.8	NF
Quadrillion Btu .....	3.54	0.49	0.75	1.67	0.64	2.6
Billion kWh .....	1,037	143	219	489	186	2.6
Million Btu per Household .....	34.9	24.7	31.0	46.5	29.2	2.6
kWh per Household .....	10,219	7,246	9,091	13,624	8,549	2.6
<b>Space Heating - Main or Secondary</b>						
Households Using Electricity (million) .....	42.0	5.0	6.2	21.3	9.4	4.9
Quadrillion Btu .....	0.40	0.05	0.06	0.21	0.09	8.2
Billion kWh .....	118	14	18	60	26	8.2
Million Btu per Household .....	9.6	9.3	9.6	9.6	9.6	7.0
kWh per Household .....	2,807	2,720	2,817	2,827	2,803	7.0
<b>Air Conditioning</b>						
Households Using Electricity (million) .....	72.6	12.2	18.6	33.2	8.7	3.2
Quadrillion Btu .....	0.42	0.02	0.06	0.29	0.04	5.9
Billion kWh .....	122	7	18	85	11	5.9
Million Btu per Household .....	5.7	2.0	3.3	8.8	4.4	4.7
kWh per Household .....	1,677	599	978	2,566	1,287	4.7
<b>Water Heating - Main or Secondary</b>						
Households Using Electricity (million) .....	40.2	5.2	6.5	21.0	7.5	5.8
Quadrillion Btu .....	0.39	0.05	0.06	0.21	0.07	6.6
Billion kWh .....	114	14	19	61	20	6.6
Million Btu per Household .....	9.7	9.2	10.0	10.0	8.9	2.5
kWh per Household .....	2,835	2,707	2,930	2,920	2,602	2.5
<b>Appliances<sup>1</sup></b>						
Households Using Electricity (million) .....	101.4	19.7	24.1	35.9	21.8	NF
Quadrillion Btu .....	2.33	0.37	0.56	0.96	0.44	2.0
Billion kWh .....	683	108	164	282	129	2.0
Million Btu per Household .....	23.0	18.7	23.3	26.8	20.2	2.0
kWh per Household .....	6,733	5,473	6,820	7,857	5,927	2.0
<b>EXPENDITURES</b>						
<b>Electricity Expenditures - All Uses</b>						
Households Using Electricity (million) .....	101.4	19.7	24.1	35.9	21.8	NF
Billion Dollars .....	88.33	17.04	18.21	37.24	15.84	2.7
Dollars per Household .....	871	863	757	1,038	727	2.7
Dollars per Million Btu .....	24.97	34.92	24.39	22.33	24.94	1.6
Cents per kWh .....	8.5	11.9	8.3	7.6	8.5	1.6
<b>Space Heating - Main or Secondary</b>						
Households Using Electricity (million) .....	42.0	5.0	6.2	21.3	9.4	4.9
Billion Dollars .....	8.56	1.39	1.22	4.26	1.70	8.4
Dollars per Household .....	204	278	196	199	180	7.0
Dollars per Million Btu .....	21.28	29.98	20.39	20.68	18.78	2.5
Cents per kWh .....	7.3	10.2	7.0	7.1	6.4	2.5
<b>Air Conditioning</b>						
Households Using Electricity (million) .....	72.6	12.2	18.6	33.2	8.7	3.2
Billion Dollars .....	10.20	0.90	1.52	6.67	1.11	6.0
Dollars per Household .....	140	74	81	201	128	4.8
Dollars per Million Btu .....	24.54	36.30	24.41	22.96	29.15	2.0
Cents per kWh .....	8.4	12.4	8.3	7.8	9.9	2.0

See footnotes at end of table.

**Table 3. Electricity Consumption and Expenditures in U.S. Households by End Uses and Census Region, 1997 (Continued)**

	Total U.S.	Census Region				RSE Row Factors
		Northeast	Midwest	South	West	
RSE Column Factor:	0.6	1.4	1.4	0.8	1.2	
<b>EXPENDITURES</b>						
<b>Water Heating - Main or Secondary</b>						
Households Using Electricity (million) .....	40.2	5.2	6.5	21.0	7.5	5.8
Billion Dollars .....	8.99	1.55	1.44	4.59	1.41	7.0
Dollars per Household .....	224	298	222	218	189	3.2
Dollars per Million Btu .....	23.13	32.24	22.25	21.91	21.25	2.4
Cents per kWh .....	7.9	11.0	7.6	7.5	7.3	2.4
<b>Appliances<sup>1</sup></b>						
Households Using Electricity (million) .....	101.4	19.7	24.1	35.9	21.8	NF
Billion Dollars .....	60.57	13.19	14.03	21.73	11.62	2.3
Dollars per Household .....	597	668	583	606	534	2.3
Dollars per Million Btu .....	25.99	35.80	25.07	22.59	26.39	1.6
Cents per kWh .....	8.9	12.2	8.6	7.7	9.0	1.6

<sup>1</sup> Includes refrigerators and lighting.

NF = No applicable RSE row factor.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • 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 1997 Residential Energy Consumption Survey.