

Table 3. Electricity Consumption and Expenditures in U.S. Households by End Uses and Census Region, 2001

	Total U.S.	Census Region				RSE Row Factors
		Northeast	Midwest	South	West	
RSE Column Factor:	0.6	1.5	1.1	0.8	1.3	
Total Households	107.0	20.3	24.5	38.9	23.3	NE
CONSUMPTION						
Electricity Consumption - All Uses						
Households Using Electricity (million)	107.0	20.3	24.5	38.9	23.3	NE
Quadrillion Btu	3.89	0.53	0.81	1.89	0.66	2.7
Billion kWh	1,140	154	238	554	193	2.7
Million Btu per Household	36.4	26.0	33.2	48.6	28.3	2.7
kWh per Household	10,656	7,624	9,727	14,240	8,287	2.7
Space Heating - Main or Secondary						
Households Using Electricity (million)	43.8	4.8	6.2	23.1	9.7	4.5
Quadrillion Btu	0.39	0.05	0.06	0.20	0.08	8.7
Billion kWh	116	14	17	60	25	8.7
Million Btu per Household	9.0	10.2	9.3	8.8	8.6	6.6
kWh per Household	2,637	2,995	2,711	2,589	2,530	6.6
Air Conditioning						
Households Using Electricity (million)	80.8	14.2	20.2	36.9	9.6	3.1
Quadrillion	0.62	0.05	0.10	0.42	0.05	5.4
Billion kWh	183	14	30	124	15	5.4
Million Btu per Household	7.7	3.3	5.1	11.5	5.4	4.5
kWh per Household	2,263	953	1,493	3,366	1,580	4.5
Water Heating - Main or Secondary						
Households Using Electricity (million)	41.6	4.7	6.4	22.6	7.9	5.8
Quadrillion Btu	0.36	0.04	0.05	0.20	0.06	7.1
Billion kWh	104	11	16	60	18	7.1
Million Btu per Household	8.5	7.9	8.5	9.0	7.6	3.2
kWh per household	2,505	2,312	2,500	2,645	2,222	3.2
Appliances¹						
Households Using Electricity (million)	107.0	20.3	24.5	38.9	23.3	NE
Quadrillion Btu	2.52	0.39	0.60	1.06	0.46	2.1
Billion kWh	737	116	175	310	136	2.1
Million Btu per Household	23.5	19.5	24.4	27.2	19.9	2.1
kWh per Household	6,894	5,708	7,164	7,978	5,834	2.1
EXPENDITURES						
Electricity Expenditures - All Uses						
Households Using Electricity (million)	107.0	20.3	24.5	38.9	23.3	NE
Billion Dollars	100.34	17.88	19.74	45.00	17.72	2.5
Dollars per Household	938	883	806	1,157	760	2.5
Dollars per Million Btu	25.80	33.93	24.29	23.80	26.89	1.6
Cents per kWh	8.8	11.6	8.3	8.1	9.2	1.6
Space Heating - Main or Secondary						
Households Using Electricity (million)	43.8	4.8	6.2	23.1	9.7	4.5
Billion Dollars	8.98	1.46	1.21	4.57	1.75	8.1
Dollars per Household	205	305	196	197	180	6.0
Dollars per Million Btu	22.79	29.85	21.16	22.36	20.83	2.7
Cents per kWh	7.8	10.2	7.2	7.6	7.1	2.7
Air Conditioning						
Households Using Electricity (millions)	80.8	14.2	20.2	36.9	9.6	3.1
Billion Dollars	15.94	1.58	2.49	10.37	1.50	5.3
Dollars per Household	197	111	123	282	157	4.6
Dollars per Million Btu	25.57	34.21	24.24	24.51	29.09	2.0
Cents per kWh	8.7	11.7	8.3	8.4	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, 2001 (Continued)

	Total U.S.	Census Region				RSE Row Factors
		Northeast	Midwest	South	West	
RSE Column Factor:	0.6	1.5	1.1	0.8	1.3	
EXPENDITURES						
Water Heating - Main or Secondary						
Households Using Electricity (million)	41.6	4.7	6.4	22.6	7.9	5.8
Billion Dollars	8.47	1.13	1.24	4.76	1.35	6.8
Dollars per Household	204	238	194	211	171	3.0
Dollars per Million Btu	23.85	30.23	22.80	23.34	22.56	2.3
Cents per kWh	8.1	10.3	7.8	8.0	7.7	2.3
Appliances¹						
Households Using Electricity (million)	107.0	20.3	24.5	38.9	23.3	NE
Billion Dollars	66.94	13.71	14.80	25.30	13.13	2.3
Dollars per Household	626	677	604	650	563	2.3
Dollars per Million Btu	26.60	34.75	24.73	23.89	28.30	1.5
Cents per kWh	9.1	11.9	8.4	8.2	9.7	1.5

¹ Includes refrigerators and lighting.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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 2001 Residential Energy Consumption Survey.