

**Table CE1-3e. Total Energy Expenditures in U.S. Households by Household Income, 2001**

	Total	2001 Household Income				Below Poverty Line	Eligible for Federal Assistance <sup>1</sup>	RSE Row Factors
		Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.6	0.9	1.0	0.9	1.4	0.9	
<b>Million Households</b>								
<b>Total U.S. Households</b> .....	107.0	11.0	30.6	27.1	38.3	15.0	33.8	3.3
<b>Number of Households, Fuels Used (more than one may apply):</b>								
Electricity <sup>2</sup> .....	107.0	11.0	30.6	27.1	38.3	15.0	33.8	3.3
Natural Gas .....	66.9	6.8	18.2	16.4	25.5	9.3	20.7	4.8
Fuel Oil .....	8.7	0.6	2.2	2.5	3.4	0.8	2.4	12.7
Kerosene .....	2.9	0.4	0.8	0.9	0.8	0.7	1.2	17.0
LPG .....	9.4	0.9	2.9	2.6	3.0	1.2	3.0	12.7
Wood .....	14.5	0.4	2.5	3.6	8.0	0.7	2.3	10.1
<b>Billion Dollars</b>								
<b>Total Expenditures, Fuels Used:</b>								
Electricity .....	100.34	6.93	23.57	24.97	44.87	10.57	26.21	3.7
Natural Gas .....	46.98	3.75	11.56	11.10	20.57	5.30	13.18	6.4
Fuel Oil .....	6.31	0.32	1.45	1.70	2.84	0.42	1.60	14.2
Kerosene .....	0.52	0.11	0.19	0.13	0.09	0.16	0.28	26.0
LPG .....	5.60	0.37	1.73	1.56	1.94	0.59	1.67	16.6
Total .....	159.74	11.47	38.49	39.46	70.32	17.04	42.94	3.5
<b>Dollars per Household<sup>3</sup></b>								
<b>Total Expenditures per Household, Fuels Used:</b>								
Electricity .....	938	628	772	922	1,172	706	776	2.1
Natural Gas .....	702	555	634	677	805	571	636	3.6
Fuel Oil .....	737	578	648	693	857	570	685	6.1
Kerosene .....	178	235	232	154	115	248	228	19.7
LPG .....	605	422	601	608	662	478	554	8.7
Total .....	1,493	1,039	1,260	1,456	1,836	1,138	1,270	1.9
<b>Dollars per Million Btu<sup>3</sup></b>								
<b>Average Price of Btu Consumption, Fuels Used:</b>								
Electricity .....	25.80	25.59	25.38	25.61	26.16	25.38	25.62	1.2
Natural Gas .....	9.70	9.95	9.74	9.68	9.64	9.85	9.71	1.9
Fuel Oil .....	8.91	8.47	8.83	8.81	9.08	8.60	8.87	1.5
Kerosene .....	11.09	10.74	10.99	11.56	11.06	11.06	10.98	3.3
LPG .....	14.87	14.59	14.38	14.62	15.62	14.60	14.58	2.6
Total .....	16.19	15.93	15.93	16.22	16.37	16.10	15.90	1.2

See footnotes at end of table.

**Table CE1-3e. Total Energy Expenditures in U.S. Households by Household Income, 2001 (Continued)**

	2001 Household Income					Below Poverty Line	Eligible for Federal Assistance <sup>1</sup>	RSE Row Factors
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.6	0.9	1.0	0.9	1.4	0.9	
<b>Price per Physical Unit<sup>3</sup></b>								
<b>Average Price of Physical Units of Consumption, Fuels Used:</b>								
Electricity (cents per kWh) .....	8.8	8.7	8.7	8.7	8.9	8.7	8.7	1.2
Natural Gas (dollars per thousand cf) .....	9.98	10.24	10.02	9.96	9.92	10.14	9.99	1.9
Fuel Oil (dollars per gallon) .....	1.24	1.17	1.22	1.22	1.26	1.19	1.23	1.5
Kerosene (dollars per gallon) .....	1.50	1.45	1.48	1.56	1.49	1.49	1.48	3.3
LPG (dollars per gallon) .....	1.36	1.33	1.31	1.34	1.43	1.33	1.33	2.6
<b>Million Households</b>								
<b>Number of Households, Where the End Use Is:</b>								
Space Heating <sup>4</sup> .....	105.3	10.8	30.2	26.5	37.8	14.6	33.2	3.4
Electric Air-Conditioning <sup>5</sup> .....	80.8	6.9	21.7	21.0	31.2	9.1	22.6	3.9
Water Heating <sup>6</sup> .....	106.7	11.0	30.5	27.0	38.2	14.9	33.7	3.3
Refrigerators .....	106.8	11.0	30.5	27.1	38.3	14.9	33.7	3.3
Appliances .....	107.0	11.0	30.6	27.1	38.3	15.0	33.8	3.3
<b>Billion Dollars<sup>a</sup></b>								
<b>Total Expenditures, Where the End Use Is:</b>								
Space Heating .....	50.53	4.10	13.29	12.58	20.55	5.66	14.58	4.3
Electric Air-Conditioning .....	15.94	0.88	3.22	3.82	8.02	1.32	3.31	5.9
Water Heating .....	21.61	1.63	5.41	5.52	9.05	2.54	6.20	3.5
Refrigerators .....	14.38	1.23	3.74	3.50	5.92	1.68	4.07	3.5
Other Appliances and Lighting .....	57.28	3.62	12.83	14.05	26.78	5.84	14.79	3.7
<b>Dollars per Household<sup>3,a</sup></b>								
<b>Total Expenditures per Household, Where the End Use Is:</b>								
Space Heating .....	480	380	441	474	543	388	439	3.2
Electric Air-Conditioning .....	197	129	148	182	257	145	147	4.1
Water Heating .....	203	149	177	204	237	170	184	1.9
Refrigerators .....	135	112	123	129	155	113	121	2.0
Other Appliances and Lighting .....	535	328	420	518	699	390	437	2.2

<sup>1</sup> Below 150 percent of poverty line or 60 percent of median State income.

<sup>2</sup> The RECS cannot be used to accurately estimate the number of households that do not use electricity.

<sup>3</sup> The averages for total and for appliances are over the set of all households; otherwise the averages are over the set of households using a given fuel or over the set using a given end use.

<sup>4</sup> Households where the main or secondary space-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

<sup>5</sup> The number of households, where the end use is electric air-conditioning, does **not** include households that did not use their equipment (0.9 million). It does include the small number of households where the fuel for central air-conditioning equipment was something other than electricity; those households were treated as if the fuel was electricity.

<sup>6</sup> Households where the main or secondary water-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

<sup>a</sup> The row factor in this section is underestimated because it contains no error for estimating the end-use.

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. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 2001 Residential Energy Consumption Survey.