

**Table CE2-3e. Space-Heating 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	1.3	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	3.4
No Space Heating .....	1.0	Q	0.3	0.3	0.3	0.3	0.4	23.7
Space Heating .....	106.0	10.8	30.3	26.8	38.1	14.6	33.4	3.4
Not Using a Major Fuel <sup>2</sup> .....	0.7	Q	Q	0.3	0.2	Q	0.2	32.6
Using a Major Fuel <sup>2</sup> .....	105.3	10.8	30.2	26.5	37.8	14.6	33.2	3.4
For Main Space Heating .....	103.8	10.6	29.8	26.1	37.3	14.4	32.8	3.5
For Secondary Space Heating Only .....	1.5	Q	0.4	0.4	0.5	0.2	0.4	22.3
<b>Number of Households with Space Heating, Major Fuels Used (more than one may apply):</b>								
Electricity .....	43.8	4.9	12.7	11.1	15.1	6.5	13.9	5.6
Natural Gas .....	60.5	5.6	16.5	14.6	23.8	7.8	18.2	5.2
Fuel Oil .....	8.5	0.6	2.2	2.4	3.3	0.8	2.4	12.9
Kerosene .....	2.7	0.4	0.8	0.8	0.7	0.7	1.2	17.5
LPG .....	6.6	0.7	2.1	1.8	2.0	1.0	2.2	15.2
<b>Billion Dollars<sup>a</sup></b>								
<b>Space-Heating Expenditures, Major Fuels Used:</b>								
Electricity .....	8.98	0.89	2.48	2.38	3.23	1.20	2.78	7.7
Natural Gas .....	31.84	2.57	8.09	7.49	13.68	3.52	8.99	7.0
Fuel Oil .....	5.17	0.23	1.24	1.40	2.29	0.33	1.33	14.7
Kerosene .....	0.49	0.10	0.19	0.13	0.07	0.16	0.28	26.6
LPG .....	4.04	0.31	1.29	1.17	1.28	0.45	1.20	18.5
Total .....	50.53	4.10	13.29	12.58	20.55	5.66	14.58	4.3
<b>Dollars per Household<sup>a</sup></b>								
<b>Average Space-Heating Expenditures per Household</b>								
Using a Major Fuel <sup>2</sup> .....	480	380	441	474	543	388	439	3.2
For Main Space Heating .....	484	384	444	478	548	392	442	3.2
For Secondary Space Heating Only .....	216	Q	167	235	250	145	212	19.0
<b>Million Households</b>								
<b>Number of Households, Where the Main Space-Heating Fuel Is:</b>								
Electricity .....	30.9	3.7	9.4	8.1	9.7	4.9	10.3	7.3
Natural Gas .....	59.1	5.5	16.2	14.3	23.1	7.7	17.9	5.3
Fuel Oil .....	8.0	0.5	2.1	2.2	3.2	0.7	2.3	13.0
Kerosene .....	0.8	0.3	0.4	0.1	Q	0.4	0.6	25.1
LPG .....	4.9	0.6	1.7	1.4	1.2	0.7	1.8	17.1
Other .....	2.2	0.2	0.5	0.8	0.8	0.3	0.6	20.0
No Space Heating .....	1.0	Q	0.3	0.3	0.3	0.3	0.4	23.7

See footnotes at end of table.

**Table CE2-3e. Space-Heating 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	1.3	0.9	
<b>Dollars per Household<sup>4,a</sup></b>								
<b>Space-Heating Expenditures per Household,<sup>3</sup> Where the Main Space-Heating Fuel Is:</b>								
Electricity .....	271	222	247	279	308	229	253	4.6
Natural Gas .....	530	462	495	513	581	455	498	4.2
Fuel Oil .....	630	424	584	611	709	441	579	6.9
Kerosene .....	411	314	382	603	Q	340	357	16.3
LPG .....	713	483	688	733	831	531	605	7.4
<b>2001 Heating Degree-Days (HDD) per Household<sup>4</sup></b>								
<b>2001 Heating Degree-Days per Household, Where the Main Space-Heating Fuel Is:</b>								
Electricity .....	3,006	3,329	3,053	2,979	2,859	3,222	3,273	4.7
Natural Gas .....	4,255	4,167	4,247	4,378	4,206	3,986	4,277	2.4
Fuel Oil .....	5,339	5,501	5,471	5,259	5,279	5,461	5,456	4.0
Kerosene .....	4,636	4,297	4,484	5,355	Q	4,309	4,404	8.1
LPG .....	4,643	3,852	4,630	4,840	4,800	4,072	4,557	6.9
Average for All Heated Households .....	4,004	3,940	4,006	4,063	3,980	3,836	4,084	2.0
<b>Heated Square Footage (HSF) per Household<sup>4</sup></b>								
<b>Heated Square Footage per Household, Where the Main Space-Heating Fuel Is:</b>								
Electricity .....	1,399	786	1,035	1,296	2,072	866	967	4.9
Natural Gas .....	1,836	1,067	1,340	1,688	2,458	1,100	1,319	2.7
Fuel Oil .....	2,043	1,106	1,670	1,956	2,506	1,235	1,544	7.2
Kerosene .....	1,076	746	1,129	1,422	Q	800	968	11.2
LPG .....	1,570	1,026	1,205	1,746	2,127	1,040	1,232	7.9
Average for All Heated Households .....	1,707	965	1,261	1,595	2,354	1,022	1,217	2.3
<b>Space-Heating Intensity<sup>4,a</sup> [Cents÷{HDD×(HSF÷1000)}]</b>								
<b>Space-Heating Intensity, Where the Main Space-Heating Fuel Is:</b>								
Electricity .....	6.45	8.47	7.82	7.22	5.19	8.21	7.98	4.9
Natural Gas .....	6.78	10.39	8.71	6.95	5.62	10.37	8.83	4.1
Fuel Oil .....	5.78	6.97	6.39	5.94	5.36	6.54	6.87	7.8
Kerosene .....	8.24	9.78	7.55	7.92	Q	9.86	8.38	23.1
LPG .....	9.78	12.23	12.33	8.67	8.14	12.55	10.77	9.9

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

<sup>2</sup> The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

<sup>3</sup> Includes only the space-heating expenditures of the space-heating fuel. Not included are: 1) the expenditures of the main space-heating fuel for uses other than space heating; 2) the expenditures of the main space-heating fuel where it is the secondary, and not the main, space-heating fuel, and; 3) the expenditures of other fuels that are used as secondary space-heating fuels.

<sup>4</sup> Averages are for those households using each of the main space-heating fuels.

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

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

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.