

**Table CE2-8e. Space-Heating Energy Expenditures in U.S. Households by Urban/Rural Location, 2001**

	Urban/Rural Location <sup>1</sup>					RSE Row Factors
	Total	City	Town	Suburbs	Rural	
	0.6	1.0	1.3	1.2	1.0	
<b>Million Households</b>						
<b>Total U.S. Households</b> .....	107.0	49.9	18.0	21.2	17.9	4.3
No Space Heating .....	1.0	0.7	Q	Q	Q	15.4
Space Heating .....	106.0	49.1	18.0	21.2	17.8	4.3
Not Using a Major Fuel <sup>2</sup> .....	0.7	0.2	Q	Q	0.5	30.4
Using a Major Fuel <sup>2</sup> .....	105.3	48.9	17.9	21.1	17.3	4.3
For Main Space Heating .....	103.8	48.7	17.6	21.0	16.4	4.3
For Secondary Space Heating Only .....	1.5	0.2	0.3	Q	0.9	22.3
<b>Number of Households with Space Heating, Major Fuels Used (more than one may apply):</b>						
Electricity .....	43.8	18.8	7.8	8.6	8.6	5.6
Natural Gas .....	60.5	33.1	10.3	13.4	3.7	6.0
Fuel Oil .....	8.5	2.5	2.1	1.4	2.5	13.4
Kerosene .....	2.7	0.5	0.6	0.4	1.4	21.4
LPG .....	6.6	0.5	1.1	0.4	4.6	18.3
<b>Billion Dollars<sup>a</sup></b>						
<b>Space-Heating Expenditures, Major Fuels Used:</b>						
Electricity .....	8.98	3.26	1.52	1.84	2.36	7.7
Natural Gas .....	31.84	16.22	5.83	7.61	2.17	7.8
Fuel Oil .....	5.17	1.20	1.42	0.88	1.67	15.3
Kerosene .....	0.49	0.04	0.08	Q	0.33	30.8
LPG .....	4.04	0.24	0.77	0.20	2.83	21.2
Total .....	50.53	20.96	9.63	10.57	9.36	4.9
<b>Dollars per Household<sup>a</sup></b>						
<b>Average Space-Heating Expenditures per Household</b>						
Using a Major Fuel <sup>2</sup> .....	480	428	537	500	541	3.0
For Main Space Heating .....	484	429	544	502	558	3.0
For Secondary Space Heating Only .....	216	289	140	Q	225	19.5
<b>Million Households</b>						
<b>Number of Households, Where the Main Space-Heating Fuel Is:</b>						
Electricity .....	30.9	13.6	4.5	6.3	6.5	7.2
Natural Gas .....	59.1	32.3	10.0	13.1	3.6	6.0
Fuel Oil .....	8.0	2.4	2.0	1.3	2.3	13.6
Kerosene .....	0.8	Q	Q	Q	0.5	23.7
LPG .....	4.9	0.3	0.9	0.2	3.5	21.0
Other .....	2.2	0.4	0.3	Q	1.4	19.9
No Space Heating .....	1.0	0.7	Q	Q	Q	15.4

See footnotes at end of table.

**Table CE2-8e. Space-Heating Energy Expenditures in U.S. Households by Urban/Rural Location, 2001 (Continued)**

	Urban/Rural Location <sup>1</sup>					RSE Row Factors
	Total	City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	1.0	1.3	1.2	1.0	
<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	304	277	347	4.9
Natural Gas .....	530	494	568	573	593	3.9
Fuel Oil .....	630	487	710	661	695	5.8
Kerosene .....	411	Q	Q	Q	447	14.8
LPG .....	713	569	799	555	713	8.9
<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	2,742	3,526	2,673	3,520	4.9
Natural Gas .....	4,255	4,069	4,685	4,339	4,430	2.5
Fuel Oil .....	5,339	5,259	5,683	4,750	5,467	3.6
Kerosene .....	4,636	Q	Q	Q	4,784	8.6
LPG .....	4,643	4,164	4,858	4,003	4,669	9.2
Average for All Heated Households .....	4,004	3,758	4,513	3,872	4,328	2.2
<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	1,159	1,307	1,647	1,728	5.2
Natural Gas .....	1,836	1,613	1,798	2,314	2,194	3.5
Fuel Oil .....	2,043	1,549	2,230	2,263	2,274	5.5
Kerosene .....	1,076	Q	Q	Q	1,159	11.8
LPG .....	1,570	1,041	1,446	1,612	1,647	10.5
Average for All Heated Households .....	1,707	1,480	1,692	2,103	1,880	2.7
<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	6.98	6.60	6.29	5.70	5.0
Natural Gas .....	6.78	7.52	6.75	5.70	6.11	4.5
Fuel Oil .....	5.78	5.98	5.60	6.15	5.59	5.6
Kerosene .....	8.24	Q	Q	Q	8.06	14.1
LPG .....	9.78	13.13	11.38	8.60	9.27	13.5

<sup>1</sup> Based on the household respondent's description rather than the Federal Government definition.

<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.