

**Table CE2-4e. Space-Heating Energy Expenditures in U.S. Households by Type of Housing Unit, 2001**

	Type of Housing Unit					RSE Row Factors
	Total	Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.6	0.6	1.4	1.1	1.7	
<b>Million Households</b>						
<b>Total U.S. Households</b> .....	107.0	73.7	9.5	17.0	6.8	4.6
No Space Heating .....	1.0	0.3	Q	0.6	Q	18.6
Space Heating .....	106.0	73.4	9.4	16.4	6.8	4.6
Not Using a Major Fuel <sup>1</sup> .....	0.7	0.6	Q	Q	Q	33.2
Using a Major Fuel <sup>1</sup> .....	105.3	72.8	9.4	16.3	6.8	4.7
For Main Space Heating .....	103.8	71.5	9.3	16.3	6.7	4.7
For Secondary Space Heating Only .....	1.5	1.4	Q	Q	Q	23.4
<b>Number of Households with Space Heating, Major Fuels Used (more than one may apply):</b>						
Electricity .....	43.8	27.5	4.1	8.5	3.7	7.1
Natural Gas .....	60.5	45.6	5.6	7.1	2.2	6.4
Fuel Oil .....	8.5	6.3	0.6	1.3	0.2	17.0
Kerosene .....	2.7	2.0	Q	Q	0.6	15.4
LPG .....	6.6	5.3	Q	Q	1.2	16.0
<b>Billion Dollars<sup>a</sup></b>						
<b>Space-Heating Expenditures, Major Fuels Used:</b>						
Electricity .....	8.98	5.73	0.78	1.65	0.83	9.5
Natural Gas .....	31.84	26.02	3.47	1.47	0.88	8.7
Fuel Oil .....	5.17	4.44	0.44	0.20	0.08	19.2
Kerosene .....	0.49	0.28	Q	Q	0.19	25.2
LPG .....	4.04	3.33	Q	Q	0.68	19.0
Total .....	50.53	39.80	4.73	3.33	2.66	5.1
<b>Dollars per Household<sup>a</sup></b>						
<b>Average Space-Heating Expenditures per Household</b>						
Using a Major Fuel <sup>1</sup> .....	480	546	505	204	393	3.5
For Main Space Heating .....	484	553	506	204	393	3.5
For Secondary Space Heating Only .....	216	207	Q	Q	Q	18.2
<b>Million Households</b>						
<b>Number of Households, Where the Main Space-Heating Fuel Is:</b>						
Electricity .....	30.9	17.0	3.1	7.9	2.9	9.0
Natural Gas .....	59.1	44.3	5.6	7.1	2.2	6.5
Fuel Oil .....	8.0	5.9	0.6	1.3	0.2	17.3
Kerosene .....	0.8	0.5	Q	Q	0.3	26.1
LPG .....	4.9	3.8	Q	Q	1.0	17.6
Other .....	2.2	1.9	Q	Q	Q	21.6
No Space Heating .....	1.0	0.3	Q	0.6	Q	18.6

See footnotes at end of table.

**Table CE2-4e. Space-Heating Energy Expenditures in U.S. Households by Type of Housing Unit, 2001 (Continued)**

	Type of Housing Unit					RSE Row Factors
	Total	Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.6	0.6	1.4	1.1	1.7	
<b>Dollars per Household<sup>3,a</sup></b>						
<b>Space-Heating Expenditures per Household,<sup>2</sup> Where the Main Space-Heating Fuel Is:</b>						
Electricity .....	271	310	235	204	271	5.5
Natural Gas .....	530	577	621	204	397	4.6
Fuel Oil .....	630	730	715	157	450	7.8
Kerosene .....	411	353	Q	Q	495	18.9
LPG .....	713	755	Q	Q	587	6.3
<b>2001 Heating Degree-Days (HDD) per Household<sup>3</sup></b>						
<b>2001 Heating Degree-Days per Household, Where the Main Space-Heating Fuel Is:</b>						
Electricity .....	3,006	2,815	3,267	3,330	2,955	5.5
Natural Gas .....	4,255	4,184	4,686	4,287	4,498	2.9
Fuel Oil .....	5,339	5,474	5,674	4,490	5,873	5.3
Kerosene .....	4,636	4,583	Q	Q	4,581	9.8
LPG .....	4,643	4,611	Q	Q	4,885	6.4
Average for All Heated Households .....	4,004	4,012	4,274	3,841	3,942	2.7
<b>Heated Square Footage (HSF) per Household<sup>3</sup></b>						
<b>Heated Square Footage per Household, Where the Main Space-Heating Fuel Is:</b>						
Electricity .....	1,399	1,869	842	745	1,036	4.6
Natural Gas .....	1,836	2,104	1,336	810	984	3.2
Fuel Oil .....	2,043	2,365	1,780	847	901	7.2
Kerosene .....	1,076	1,226	Q	Q	811	10.9
LPG .....	1,570	1,779	Q	Q	860	5.1
Average for All Heated Households .....	1,707	2,047	1,197	785	979	2.6
<b>Space-Heating Intensity<sup>3,a</sup> [Cents÷{HDD×(HSF÷1000)}]</b>						
<b>Space-Heating Intensity, Where the Main Space-Heating Fuel Is:</b>						
Electricity .....	6.45	5.88	8.52	8.22	8.86	5.0
Natural Gas .....	6.78	6.55	9.92	5.89	8.98	4.3
Fuel Oil .....	5.78	5.64	7.08	4.13	8.51	8.9
Kerosene .....	8.24	6.29	Q	Q	13.31	13.4
LPG .....	9.78	9.20	Q	Q	13.97	9.6

<sup>1</sup> The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).

<sup>2</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>3</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.