

Table CE1-4e. Total 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:	0.5	0.6	1.6	1.3	1.8	
Million Households						
Total U.S. Households	107.0	73.7	9.5	17.0	6.8	4.4
Number of Households, Fuels Used (more than one may apply):						
Electricity ¹	107.0	73.7	9.5	17.0	6.8	4.4
Natural Gas	66.9	48.5	6.2	9.9	2.3	6.0
Fuel Oil	8.7	6.4	0.6	1.4	0.2	16.8
Kerosene	2.9	2.2	Q	Q	0.6	16.1
LPG	9.4	7.6	Q	Q	1.6	14.5
Wood	14.5	13.2	0.4	0.3	0.6	16.2
Billion Dollars						
Total Expenditures, Fuels Used:						
Electricity	100.34	76.69	6.68	10.29	6.68	5.0
Natural Gas	46.98	38.04	4.70	2.98	1.26	8.1
Fuel Oil	6.31	5.32	0.54	0.37	0.08	19.0
Kerosene	0.52	0.31	Q	Q	0.20	27.2
LPG	5.60	4.67	Q	Q	0.87	17.9
Total	159.74	125.02	11.97	13.66	9.09	4.4
Dollars per Household²						
Total Expenditures per Household, Fuels Used:						
Electricity	938	1,041	704	605	981	2.9
Natural Gas	702	785	754	300	546	4.3
Fuel Oil	737	840	872	263	391	6.8
Kerosene	178	139	Q	Q	340	18.4
LPG	605	626	Q	Q	542	8.2
Total	1,493	1,697	1,261	803	1,336	2.1
Dollars per Million Btu²						
Average Price of Btu Consumption, Fuels Used:						
Electricity	25.80	25.50	28.75	28.60	23.05	1.4
Natural Gas	9.70	9.57	10.52	10.56	9.07	2.1
Fuel Oil	8.91	9.09	9.24	6.65	9.05	1.9
Kerosene	11.09	11.65	Q	Q	10.36	2.5
LPG	14.87	14.89	Q	Q	14.64	3.1
Total	16.19	15.81	16.15	19.57	17.59	1.7

See footnotes at end of table.

Table CE1-4e. Total 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:	0.5	0.6	1.6	1.3	1.8	
Price per Physical Unit²						
Average Price of Physical Units of Consumption, Fuels Used:						
Electricity (cents per kWh)	8.8	8.7	9.8	9.8	7.9	1.4
Natural Gas (dollars per thousand cf)	9.98	9.84	10.82	10.86	9.34	2.1
Fuel Oil (dollars per gallon)	1.24	1.26	1.28	0.92	1.25	1.9
Kerosene (dollars per gallon)	1.50	1.57	Q	Q	1.40	2.5
LPG (dollars per gallon)	1.36	1.36	Q	Q	1.34	3.1
Million Households						
Number of Households, Where the End Use Is:						
Space Heating ³	105.3	72.8	9.4	16.3	6.8	4.5
Electric Air-Conditioning ⁴	80.8	57.6	6.3	11.8	5.1	4.9
Water Heating ⁵	106.7	73.5	9.5	16.9	6.8	4.4
Refrigerators	106.8	73.6	9.5	16.9	6.8	4.4
Appliances	107.0	73.7	9.5	17.0	6.8	4.4
Billion Dollars^a						
Total Expenditures, Where the End Use Is:						
Space Heating	50.53	39.80	4.73	3.33	2.66	5.1
Electric Air-Conditioning	15.94	12.70	0.85	1.51	0.88	8.0
Water Heating	21.61	16.27	1.57	2.33	1.44	4.6
Refrigerators	14.38	10.82	1.07	1.65	0.85	4.6
Other Appliances and Lighting	57.28	45.42	3.75	4.84	3.27	4.8
Dollars per Household^{2,a}						
Total Expenditures per Household, Where the End Use Is:						
Space Heating	480	546	505	204	393	3.5
Electric Air-Conditioning	197	221	135	128	171	5.7
Water Heating	203	221	165	138	212	2.4
Refrigerators	135	147	113	98	124	2.5
Other Appliances and Lighting	535	616	395	284	480	2.7

¹ The RECS cannot be used to accurately estimate the number of households that do not use electricity.

² 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.

³ Households where the main or secondary space-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

⁴ 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.

⁵ Households where the main or secondary water-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

^a 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.