

Table CE4-12e. Water-Heating Energy Expenditures in U.S. Households by West Census Region, 2001

	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.1	
Million Households					
Total U.S. Households	107.0	23.3	6.7	16.6	NE
No Water Heating	Q	Q	Q	Q	NF
Water Heating	106.9	23.3	6.7	16.6	NE
Not Using a Major Fuel ¹	0.2	Q	Q	Q	76.6
Using a Major Fuel ¹	106.7	23.2	6.7	16.5	NE
For Main Water Heating	106.5	23.0	6.7	16.3	NE
Number of Households with Water Heating, Major Fuels Used:					
Electricity	41.6	7.9	2.3	5.5	5.0
Natural Gas	58.2	15.0	4.1	10.9	2.7
Fuel Oil	4.7	Q	Q	Q	20.5
LPG	3.0	0.7	0.2	0.5	26.2
Billion Dollars^a					
Water-Heating Expenditures, Major Fuels Used:					
Electricity	8.47	1.35	0.43	0.92	6.6
Natural Gas	11.31	2.72	0.71	2.01	4.4
Fuel Oil	1.14	Q	Q	Q	23.2
LPG	0.69	0.15	0.05	0.11	25.3
Total ²	21.61	4.23	1.19	3.04	2.9
Dollars per Household^{4,a}					
Average Water-Heating Expenditures per Household					
Using a Major Fuel ¹	203	183	177	185	2.8
For Main Water Heating	203	183	177	186	2.8
Million Households					
Number of Households, Where the Main Water-Heating Fuel Is:					
Electricity	40.8	7.3	2.3	5.0	4.9
Natural Gas	58.0	14.9	4.1	10.8	2.8
Fuel Oil	4.6	Q	Q	Q	21.4
LPG	2.9	0.7	0.2	0.5	26.2
Does Not Heat Water	Q	Q	Q	Q	NF
Dollars per Household^{4,a}					
Water-Heating Expenditures per Household,³ Where the Main Water-Heating Fuel Is:					
Electricity	208	184	183	184	3.9
Natural Gas	194	181	172	185	3.8
Fuel Oil	243	Q	Q	Q	8.0
LPG	233	218	202	226	8.8

See footnotes at end of table.

Table CE4-12e. Water-Heating Energy Expenditures in U.S. Households by West Census Region, 2001 (Continued)

	West Census Region				RSE Row Factors
	Total U.S.	Census Division			
		Total	Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.1	
Number of Household Members (NHM) per Household⁴					
Number of Household Members per Household, Where the Main Water-Heating Fuel Is:					
Electricity	2.4	2.4	2.4	2.4	3.7
Natural Gas	2.7	3.0	2.9	3.0	2.3
Fuel Oil	2.4	Q	Q	Q	7.2
LPG	2.6	2.6	3.0	2.4	10.8
Water-Heating Intensity^{4,a} (Dollars÷NHM)					
Water-Heating Intensity, Where the Main Water-Heating Fuel Is:					
Electricity	85	77	75	78	3.5
Natural Gas	73	61	60	62	3.9
Fuel Oil	101	Q	Q	Q	10.0
LPG	91	83	68	92	16.1

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

² Includes a small amount of kerosene use for water heating.

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

⁴ Averages are for those households using each of the main water-heating fuels.

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

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

NF = No applicable RSE row factor.

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.