

Table CE4-11e. Water-Heating Energy Expenditures in U.S. Households by South Census Region, 2001

	South Census Region					RSE Row Factors
	Total U.S.	Census Division			West South Central	
		Total	South Atlantic	East South Central		
RSE Column Factor:	0.4	0.9	1.0	1.9	1.4	
Million Households						
Total U.S. Households	107.0	38.9	20.3	6.8	11.8	NE
No Water Heating	Q	Q	Q	Q	Q	NF
Water Heating	106.9	38.9	20.3	6.8	11.8	NE
Not Using a Major Fuel ¹	0.2	Q	Q	Q	Q	91.5
Using a Major Fuel ¹	106.7	38.9	20.3	6.8	11.8	NE
For Main Water Heating	106.5	38.8	20.2	6.8	11.7	NE
Number of Households with Water Heating, Major Fuels Used:						
Electricity	41.6	22.6	13.5	4.4	4.7	6.6
Natural Gas	58.2	15.5	6.3	2.2	7.0	8.4
Fuel Oil	4.7	Q	Q	Q	Q	24.5
LPG	3.0	0.7	0.3	0.2	Q	30.4
Billion Dollars^a						
Water-Heating Expenditures, Major Fuels Used:						
Electricity	8.47	4.76	2.91	0.87	0.97	7.8
Natural Gas	11.31	3.38	1.57	0.43	1.39	8.9
Fuel Oil	1.14	Q	Q	Q	Q	27.7
LPG	0.69	0.15	0.08	0.02	Q	27.8
Total ²	21.61	8.34	4.61	1.32	2.41	2.8
Dollars per Household^{4,a}						
Average Water-Heating Expenditures per Household						
Using a Major Fuel ¹	203	215	227	194	204	2.8
For Main Water Heating	203	215	228	194	205	2.8
Million Households						
Number of Households, Where the Main Water-Heating Fuel Is:						
Electricity	40.8	22.4	13.4	4.4	4.6	6.6
Natural Gas	58.0	15.4	6.3	2.2	6.9	8.4
Fuel Oil	4.6	Q	Q	Q	Q	25.5
LPG	2.9	0.6	Q	0.2	Q	27.3
Does Not Heat Water	Q	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	212	217	197	211	3.1
Natural Gas	194	218	248	193	199	5.4
Fuel Oil	243	Q	Q	Q	Q	9.6
LPG	233	229	Q	129	Q	9.2

See footnotes at end of table.

Table CE4-11e. Water-Heating Energy Expenditures in U.S. Households by South Census Region, 2001 (Continued)

	South Census Region					RSE Row Factors
	Total U.S.	Census Division			Total	
		South Atlantic	East South Central	West South Central		
RSE Column Factor:	0.4	0.9	1.0	1.9	1.4	
Number of Household Members (NHM) per Household⁴						
Number of Household Members per Household, Where the Main Water-Heating Fuel Is:						
Electricity	2.4	2.5	2.5	2.5	2.2	2.9
Natural Gas	2.7	2.7	2.6	2.2	2.8	2.9
Fuel Oil	2.4	Q	Q	Q	Q	8.6
LPG	2.6	2.5	Q	1.4	Q	11.7
Water-Heating Intensity^{4,a} (Dollars÷NHM)						
Water-Heating Intensity, Where the Main Water-Heating Fuel Is:						
Electricity	85	86	86	78	94	2.7
Natural Gas	73	82	95	87	71	5.3
Fuel Oil	101	Q	Q	Q	Q	11.9
LPG	91	92	Q	93	Q	10.3

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.