

Table CE4-9e. Water-Heating Energy Expenditures in U.S. Households by Northeast Census Region, 2001

	Northeast Census Region				RSE Row Factors
	Total U.S.	Total	Census Division		
			Middle Atlantic	New England	
	RSE Column Factor:	0.5	1.0	1.2	
Million Households					
Total U.S. Households	107.0	20.3	14.8	5.4	100.0
No Water Heating	Q	Q	Q	Q	Q
Water Heating	106.9	20.2	14.8	5.4	100.0
Not Using a Major Fuel ¹	0.2	Q	Q	Q	81.0
Using a Major Fuel ¹	106.7	20.2	14.8	5.4	100.0
For Main Water Heating	106.5	20.2	14.8	5.4	100.0
Number of Households with Water Heating, Major Fuels Used:					
Electricity	41.6	4.7	3.3	1.5	10.0
Natural Gas	58.2	10.8	8.9	1.9	8.7
Fuel Oil	4.7	4.4	2.6	1.9	13.1
LPG	3.0	0.3	Q	0.2	24.9
Billion Dollars^a					
Water-Heating Expenditures, Major Fuels Used:					
Electricity	8.47	1.13	0.77	0.36	11.1
Natural Gas	11.31	2.23	1.79	0.43	10.5
Fuel Oil	1.14	1.08	0.57	0.51	14.6
LPG	0.69	0.11	Q	0.06	20.5
Total ²	21.61	4.55	3.18	1.36	2.5
Dollars per Household^{4,a}					
Average Water-Heating Expenditures per Household					
Using a Major Fuel ¹	203	225	215	253	2.5
For Main Water Heating	203	226	215	253	2.5
Million Households					
Number of Households, Where the Main Water-Heating Fuel Is:					
Electricity	40.8	4.7	3.2	1.4	9.9
Natural Gas	58.0	10.8	8.9	1.9	8.7
Fuel Oil	4.6	4.4	2.5	1.8	13.7
LPG	2.9	0.3	Q	0.2	24.9
Does Not Heat Water	Q	Q	Q	Q	Q
Dollars per Household^{4,a}					
Water-Heating Expenditures per Household,³ Where the Main Water-Heating Fuel Is:					
Electricity	208	242	238	250	3.2
Natural Gas	194	207	203	227	3.9
Fuel Oil	243	244	223	273	4.8
LPG	233	324	Q	363	12.0

See footnotes at end of table.

Table CE4-9e. Water-Heating Energy Expenditures in U.S. Households by Northeast Census Region, 2001 (Continued)

	Northeast Census Region				RSE Row Factors
	Total U.S.	Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.2	1.6	
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	2.6	2.3	3.7
Natural Gas	2.7	2.4	2.4	2.4	2.9
Fuel Oil	2.4	2.4	2.4	2.4	4.6
LPG	2.6	2.6	Q	2.5	10.2
Water-Heating Intensity^{4,a} (Dollars÷NHM)					
Water-Heating Intensity, Where the Main Water-Heating Fuel Is:					
Electricity	85	96	91	109	2.8
Natural Gas	73	86	85	93	4.6
Fuel Oil	101	101	92	114	6.0
LPG	91	125	Q	146	11.9

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.