

Table CE4-9c. Water-Heating Energy Consumption 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	1.6	
Million Households					
Total U.S. Households	107.0	20.3	14.8	5.4	NE
No Water Heating	Q	Q	Q	Q	NF
Water Heating	106.9	20.2	14.8	5.4	NE
Not Using a Major Fuel ¹	0.2	Q	Q	Q	83.7
Using a Major Fuel ¹	106.7	20.2	14.8	5.4	NE
For Main Water Heating	106.5	20.2	14.8	5.4	NE
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
Quadrillion Btu^a					
Water-Heating Btu Consumption, Major Fuels Used:					
Electricity	0.36	0.04	0.03	0.01	11.1
Natural Gas	1.15	0.19	0.16	0.03	9.6
Fuel Oil	0.13	0.12	0.07	0.06	14.6
LPG	0.05	0.01	Q	(*)	21.4
Total ²	1.68	0.36	0.26	0.11	2.6
Physical Units^a					
Physical Units of Water-Heating Consumption, Major Fuels Used:					
Electricity (billion kWh)	104	11	8	3	11.1
Natural Gas (billion cf)	1,115	189	155	34	9.6
Fuel Oil (million gallons)	950	900	490	410	14.6
LPG (million gallons)	515	65	Q	34	21.4
Million Btu per Household^{4,a}					
Average Water-Heating Btu Consumption per Household					
Using a Major Fuel ¹	15.8	18.0	17.4	19.6	2.6
For Main Water Heating	15.8	18.0	17.4	19.6	2.7
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
No Water Heating	Q	Q	Q	Q	NF

See footnotes at end of table.

Table CE4-9c. Water-Heating Energy Consumption 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	
Million Btu per Household^{4,a}					
Water-Heating Btu Consumption per Household,³ Where the Main Water-Heating Fuel Is:					
Electricity	8.7	8.0	8.3	7.3	4.2
Natural Gas	19.7	18.1	18.1	18.1	2.9
Fuel Oil	28.1	28.2	26.6	30.5	4.5
LPG	15.9	17.5	Q	19.1	11.8
Physical Units (PU) per Household^{4,a}					
Physical Units of Water-Heating Consumption per Household,³ Where the Main Water-Heating Fuel Is:					
Electricity (kWh)	2,552	2,342	2,428	2,149	4.2
Natural Gas (thousand cf)	19	18	18	18	2.9
Fuel Oil (gallons)	203	204	192	220	4.5
LPG (gallons)	174	192	Q	209	11.8
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} (PU÷NHM)					
Water-Heating Intensity, Where the Main Water-Heating Fuel Is:					
Electricity	1,048	929	925	937	3.3
Natural Gas	7.2	7.3	7.3	7.2	4.0
Fuel Oil	84	84	78	92	5.9
LPG	68	74	Q	84	10.9

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 consumption of the water-heating fuel. Not included are: 1) the consumption of the main water-heating fuel for uses other than water heating; 2) the consumption of the main water-heating fuel where it is the secondary, and not the main, water-heating fuel, and; 3) the consumption 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.
(*) = Value rounds to zero in the units displayed.
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.