

Table CE4-7e. Water-Heating Energy Expenditures in U.S. Households by Four Most Populated States, 1997

	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.4	0.9	1.5	1.3	
Million Households						
Total U.S. Households	101.5	6.8	11.5	7.0	5.9	NF
No Water Heating	0.2	Q	Q	Q	Q	82.1
Water Heating	101.3	6.8	11.4	6.9	5.9	NF
Not Using a Major Fuel ¹	0.5	Q	Q	Q	Q	60.7
Using a Major Fuel ¹	100.8	6.8	11.4	6.9	5.8	NF
For Main Water Heating	100.6	6.8	11.4	6.9	5.7	1.0
Number of Households with Water Heating, Major Fuels Used:						
Electricity	40.2	1.0	2.0	2.4	4.7	10.4
Natural Gas	52.8	3.4	9.3	4.3	0.9	8.0
Fuel Oil	5.2	2.2	Q	Q	Q	14.5
Kerosene	Q	Q	Q	Q	Q	NF
LPG	3.2	0.2	0.3	0.2	Q	26.1
Billion Dollars						
Water-Heating Expenditures, Major Fuels Used:						
Electricity	8.99	0.33	0.46	0.55	0.99	12.6
Natural Gas	8.84	0.78	1.44	0.67	0.17	9.9
Fuel Oil	1.04	0.44	Q	Q	Q	15.9
Kerosene	Q	Q	Q	Q	Q	NF
LPG	0.89	0.09	0.10	0.06	Q	26.3
Total	19.76	1.65	2.00	1.28	1.19	3.0
Dollars per Household						
Average Water-Heating Expenditures per Household						
Using a Major Fuel ¹	196	244	175	185	206	2.9
For Main Water Heating	196	244	175	185	207	2.9
Million Households						
Number of Households, Where the Main Water-Heating Fuel Is:						
Electricity	39.6	1.0	1.8	2.4	4.7	10.8
Natural Gas	52.6	3.3	9.3	4.3	0.9	8.0
Fuel Oil	5.1	2.2	Q	Q	Q	14.6
Kerosene	Q	Q	Q	Q	Q	NF
LPG	3.1	0.2	0.3	0.2	Q	26.2
Does Not Heat Water	0.2	Q	Q	Q	Q	82.1
Dollars per Household						
Water-Heating Expenditures per Household,² Where the Main Water-Heating Fuel Is:						
Electricity	227	332	255	227	212	4.1
Natural Gas	168	234	155	157	189	3.4
Fuel Oil	201	204	Q	Q	Q	5.1
Kerosene	Q	Q	Q	Q	Q	NF
LPG	279	418	311	264	Q	10.5

See footnotes at end of table.

Table CE4-7e. Water-Heating Energy Expenditures in U.S. Households by Four Most Populated States, 1997 (Continued)

	Four Most Populated States				RSE Row Factors	
	Total U.S.	New York	California	Texas		Florida
RSE Column Factor:	0.4	1.4	0.9	1.5	1.3	
Number of Household Members (NHM) per Household³						
Number of Household Members per Household, Where the Main Water-Heating Fuel Is:						
Electricity	2.5	2.4	2.6	2.4	2.6	3.8
Natural Gas	2.7	2.5	2.8	3.0	2.4	4.7
Fuel Oil	2.4	2.5	Q	Q	Q	2.8
Kerosene	Q	Q	Q	Q	Q	NF
LPG	2.6	2.6	2.8	3.2	Q	13.4
Water-Heating Intensity (Dollars÷NHM)³						
Water-Heating Intensity, Where the Main Water-Heating Fuel Is:						
Electricity	92	136	99	93	83	4.1
Natural Gas	62	95	55	52	78	5.1
Fuel Oil	82	83	Q	Q	Q	6.9
Kerosene	Q	Q	Q	Q	Q	NF
LPG	107	158	112	83	Q	8.7

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

² 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.

³ Averages are for those households using each of the main water-heating fuels.

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 1997 Residential Energy Consumption Survey.