

Table CE2-7e. Space-Heating Energy Expenditures in U.S. Households by Four Most Populated States, 1997

	Four Most Populated States					RSE Row Factors
	Total U.S.	New York	California	Texas	Florida	
Million Households						
Total U.S. Households	101.5	6.8	11.5	7.0	5.9	NF
No Space Heating	0.8	Q	Q	Q	Q	52.1
Space Heating	100.7	6.8	11.4	6.9	5.7	1.1
Not Using a Major Fuel ¹	1.0	Q	0.1	Q	Q	42.8
Using a Major Fuel ¹	99.7	6.7	11.2	6.9	5.7	1.1
For Main Space Heating	98.1	6.6	11.0	6.9	5.7	1.0
For Secondary Space Heating Only	1.6	Q	0.2	Q	Q	30.6
Number of Households with Space Heating, Major Fuels Used (more than one may apply):						
Electricity	42.0	1.3	4.1	3.8	4.8	7.0
Natural Gas	54.5	3.4	7.9	3.9	0.8	7.5
Fuel Oil	9.8	2.8	Q	Q	Q	18.7
Kerosene	3.5	Q	Q	Q	Q	25.1
LPG	5.6	Q	0.2	0.3	Q	26.6
Billion Dollars						
Space-Heating Expenditures, Major Fuels Used:						
Electricity	8.56	0.25	0.51	0.66	0.31	14.5
Natural Gas	24.11	2.52	1.25	0.98	0.11	10.0
Fuel Oil	6.07	1.59	Q	Q	Q	27.2
Kerosene	0.50	Q	Q	Q	Q	46.7
LPG	2.79	Q	0.09	0.08	Q	28.1
Total	42.03	4.45	1.91	1.72	0.47	5.9
Dollars per Household						
Average Space-Heating Expenditures per Household						
Using a Major Fuel ¹	421	661	170	248	83	6.0
For Main Space Heating	425	665	171	249	83	6.0
For Secondary Space Heating Only	175	Q	108	Q	Q	32.2
Million Households						
Number of Households, Where the Main Space-Heating Fuel Is:						
Electricity	29.6	0.4	2.9	2.9	4.7	10.7
Natural Gas	53.5	3.4	7.8	3.8	0.7	8.6
Fuel Oil	9.5	2.7	Q	Q	Q	17.9
Kerosene	1.0	Q	Q	Q	Q	47.0
LPG	4.6	Q	0.2	0.3	Q	27.9
Other	2.6	0.2	0.3	Q	Q	26.8
No Space Heating	0.8	Q	Q	Q	Q	52.1

See footnotes at end of table.

Table CE2-7e. Space-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	1.1	0.9	1.3	2.1	
Dollars per Household³						
Space-Heating Expenditures per Household,² Where the Main Space-Heating Fuel Is:						
Electricity	270	523	155	215	64	13.9
Natural Gas	446	742	158	254	136	4.8
Fuel Oil	629	570	Q	Q	Q	12.3
Kerosene	350	Q	Q	Q	Q	29.9
LPG	567	Q	417	303	Q	11.0
1997 Heating Degree-Days (HDD) per Household³						
1997 Heating Degree-Days per Household, Where the Main Space-Heating Fuel Is:						
Electricity	3,225	6,058	1,853	2,167	457	9.0
Natural Gas	4,710	5,976	1,775	2,589	760	7.9
Fuel Oil	5,707	5,003	Q	Q	Q	5.0
Kerosene	4,959	Q	Q	Q	Q	24.8
LPG	4,863	Q	3,415	2,810	Q	12.6
Average for All Households	4,368	5,579	1,870	2,422	503	5.2
Heated Square Footage (HSF) per Household³						
Heated Square Footage per Household,⁴ Where the Main Space-Heating Fuel Is:						
Electricity	1,468	1,199	1,235	1,355	1,567	5.4
Natural Gas	1,757	1,799	1,438	1,608	1,906	5.4
Fuel Oil	1,844	1,496	Q	Q	Q	6.6
Kerosene	1,023	Q	Q	Q	Q	11.5
LPG	1,676	Q	1,253	1,344	Q	6.8
Average for All Households	1,667	1,628	1,381	1,492	1,597	3.3
Space-Heating Intensity [Cents÷(HDD×(HSF÷1000))]³						
Space-Heating Intensity, Where the Main Space-Heating Fuel Is:						
Electricity	5.70	7.20	6.77	7.31	9.01	6.8
Natural Gas	5.39	6.90	6.19	6.10	9.39	6.4
Fuel Oil	5.98	7.61	Q	Q	Q	11.8
Kerosene	6.89	Q	Q	Q	Q	27.1
LPG	6.96	Q	9.75	8.04	Q	16.0

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

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

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

⁴ In previous RECS, square footage measurements were obtained during the personal interview. In the 1997 RECS, square footage was estimated using a regression equation developed with the 1993 RECS data. The 1997 RECS estimated square footage tends to be larger than the 1993 measured square footage.

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.