

Table CE2-7c. Space-Heating Energy Consumption 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	55.0
Space Heating	100.7	6.8	11.4	6.9	5.7	1.0
Not Using a Major Fuel ¹	1.0	Q	0.1	Q	Q	45.2
Using a Major Fuel ¹	99.7	6.7	11.2	6.9	5.7	1.0
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	32.3
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	18.9
Kerosene	3.5	Q	Q	Q	Q	26.4
LPG	5.6	Q	0.2	0.3	Q	27.4
Quadrillion Btu						
Space-Heating Btu Consumption, Major Fuels Used:						
Electricity	0.40	0.01	0.02	0.03	0.01	14.4
Natural Gas	3.61	0.27	0.19	0.17	0.01	12.7
Fuel Oil	0.85	0.23	Q	Q	Q	27.0
Kerosene	0.06	Q	Q	Q	Q	50.3
LPG	0.26	Q	0.01	0.01	Q	29.9
Total	5.18	0.52	0.22	0.21	0.03	8.7
Physical Units						
Physical Units of Space-Heating Consumption, Major Fuels Used:						
Electricity (billion kWh)	118	2	5	9	4	14.4
Natural Gas (billion cf)	3,517	267	184	167	8	12.7
Fuel Oil (million gallons)	6,133	1,640	Q	Q	Q	27.0
Kerosene (million gallons)	436	Q	Q	Q	Q	50.3
LPG (million gallons)	2,823	Q	81	94	Q	29.9
Million Btu per Household						
Average Space-Heating Btu Consumption per Household						
Using a Major Fuel ¹	52.0	76.9	19.5	30.5	4.6	8.8
For Main Space Heating	52.5	77.3	19.7	30.6	4.6	8.9
For Secondary Space Heating Only	17.6	Q	Q	Q	Q	51.3

See footnotes at end of table.

Table CE2-7c. Space-Heating Energy Consumption in U.S. Households by Four Most Populated States, 1997 (Continued)

	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.3	1.2	0.8	1.4	2.2	
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	18.1
Kerosene	1.0	Q	Q	Q	Q	49.5
LPG	4.6	Q	0.2	0.3	Q	28.7
Other	2.6	0.2	0.3	Q	Q	27.4
No Space Heating	0.8	Q	Q	Q	Q	55.0
Million Btu per Household³						
Space-Heating Btu Consumption per Household,² Where the Main Space-Heating Fuel Is:						
Electricity	12.8	14.0	4.8	10.1	2.7	14.7
Natural Gas	66.9	80.7	23.8	44.7	11.3	6.4
Fuel Oil	88.1	81.5	Q	Q	Q	11.9
Kerosene	41.5	Q	Q	Q	Q	31.4
LPG	53.4	Q	33.0	32.1	Q	15.0
Physical Units (PU) per Household³						
Physical Units of Space-Heating Consumption per Household,² Where the Main Space-Heating Fuel Is:						
Electricity (kWh)	3,760	4,103	1,414	2,963	798	14.7
Natural Gas (thousand cf)	65	79	23	44	11	6.4
Fuel Oil (gallons)	636	588	Q	Q	Q	11.9
Kerosene (gallons)	307	Q	Q	Q	Q	31.4
LPG (gallons)	585	Q	361	352	Q	15.0
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	26.1
LPG	4,863	Q	3,415	2,810	Q	12.9
Average for All Households	4,368	5,579	1,870	2,422	503	5.2

See footnotes at end of table.

Table CE2-7c. Space-Heating Energy Consumption in U.S. Households by Four Most Populated States, 1997 (Continued)

	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.3	1.2	0.8	1.4	2.2	
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	6.7
Kerosene	1,023	Q	Q	Q	Q	12.1
LPG	1,676	Q	1,253	1,344	Q	7.0
Average for All Households	1,667	1,628	1,381	1,492	1,597	3.3
Space-Heating Intensity [PU÷(HDD×(HSF÷1000))]³						
Space-Heating Intensity, Where the Main Space-Heating Fuel Is:						
Electricity (kWh)	0.794	0.565	0.618	1.009	1.114	7.1
Natural Gas (cubic feet)	7.876	7.311	9.095	10.458	7.587	4.5
Fuel Oil (gallons)	0.060	0.079	Q	Q	Q	11.1
Kerosene (gallons)	0.061	Q	Q	Q	Q	25.5
LPG (gallons)	0.072	Q	0.084	0.093	Q	14.9

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

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