Table CE2-8c. Space-Heating Energy Consumption in U.S. Households by Urban/Rural Location, 2001

	Total	Urban/Rural Location[1]				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	1.0	1.3	1.3	1.0	
	Million Households					
Total U.S. Households	107.0	49.9	18.0	21.2	17.9	4.3
No Space Heating	1.0	0.7	Q	Q	Q	15.7
Space Heating	106.0	49.1	18.0	21.2	17.8	4.3
Not Using a Major Fuel[2]	0.7	0.2	Q	Q	0.5	30.9
Using a Major Fuel[2]	105.3	48.9	17.9	21.1	17.3	4.3
For Main Space Heating	103.8	48.7	17.6	21.0	16.4	4.3
For Secondary Space Heating Only	1.5	0.2	0.3	Q	0.9	22.6
Number of Households with Space Heating, Major Fuels Used (more than one may apply):						
Electricity	43.8	18.8	7.8	8.6	8.6	5.6
Natural Gas	60.5	33.1	10.3	13.4	3.7	6.0
Fuel Oil	8.5	2.5	2.1	1.4	2.5	13.4
Kerosene	2.7	0.5	0.6	0.4	1.4	21.4
LPG	6.6	0.5	1.1	0.4	4.6	18.3
	Quadrillion Btu[a]					
Space-Heating Btu Consumption, Major Fuels Used:						
Electricity	0.39	0.13	0.07	0.08	0.11	8.1
Natural Gas	3.32	1.70	0.62	0.78	0.23	7.3
Fuel Oil	0.58	0.14	0.16	0.09	0.19	15.3
Kerosene	0.04	(*)	0.01	Q	0.03	30.6
LPG	0.28	0.02	0.05	0.01	0.20	21.4
Total	4.62	1.99	0.90	0.97	0.76	5.1
	Physical Units[a]					
Physical Units of Space-Heating Consumption, Major Fuels Used:						
Electricity (billion kWh)	116	39	21	23	33	8.1
Natural Gas (billion cf)	3,231	1,648	598	759	225	7.3
Fuel Oil (million gallons)	4,155	1,008	1,122	682	1,344	15.3
Kerosene (million gallons)	326	24	53	Q	223	30.6
LPG (million gallons)	3,097	171	587	139	2,200	21.4
	Million Btu per Household[a]					
Average Space-Heating Btu Consumption per Household						
Using a Major Fuel[2]	43.9	40.6	50.3	45.8	44.1	3.4
For Main Space Heating	44.3	40.7	51.0	46.0	45.4	3.4
For Secondary Space Heating Only	18.1	20.3	12.1	Q	19.1	21.8

See footnotes at end of table.

Table CE2-8c. Space-Heating Energy Consumption in U.S. Households by Urban/Rural Location, 2001 (Continued)

	Total	Urban/Rural Location[1]				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	1.0	1.3	1.3	1.0	
	Million Households					
Number of Households, Where the Main Space-Heating Fuel Is:						
Electricity	30.9	13.6	4.5	6.3	6.5	7.2
Natural Gas	59.1	32.3	10.0	13.1	3.6	6.0
Fuel Oil	8.0	2.4	2.0	1.3	2.3	13.6
Kerosene	0.8	Q	Q	Q	0.5	24.0
LPG	4.9	0.3	0.9	0.2	3.5	21.0
Other	2.2	0.4	0.3	Q	1.4	20.1
No Space Heating	1.0	0.7	Q	Q	Q	15.7
	Million Btu per Household[4,a]					
Space-Heating Btu Consumption per Household,[3] Where the Main Space-Heating Fuel Is:						
Electricity	12.0	9.2	14.2	11.7	16.8	5.3
Natural Gas	55.4	51.7	60.1	58.7	63.3	3.6
Fuel Oil	70.2	56.6	77.7	70.8	77.8	5.5
Kerosene	38.3	Q	Q	Q	41.8	15.6
LPG	51.0	40.5	55.7	36.8	51.6	8.8
	Physical Units (PU) per Household[4,a]					
Physical Units of Space-Heating Consumption per Household,[3] Where the Main Space-Heating Fuel Is:						
Electricity (kWh)	3,524	2,690	4,158	3,427	4,929	5.3
Natural Gas (thousand cf)	54	50	58	57	61	3.6
Fuel Oil (gallons)	507	408	560	511	561	5.5
Kerosene (gallons)	283	Q	Q	Q	310	15.6
LPG (gallons)	559	444	610	403	565	8.8
	2001 Heating Degree-Days (HDD) per Household[4]					
2001 Heating Degree-Days per Household, Where the Main Space-Heating Fuel Is:						
Electricity	3,006	2,742	3,526	2,673	3,520	4.9
Natural Gas	4,255	4,069	4,685	4,339	4,430	2.5
Fuel Oil	5,339	5,259	5,683	4,750	5,467	3.6
Kerosene	4,636	Q	Q	Q	4,784	8.7
LPG	4,643	4,164	4,858	4,003	4,669	9.2
Average for All Heated Households	4,004	3,758	4,513	3,872	4,328	2.2

See footnotes at end of table.

Table CE2-8c. Space-Heating Energy Consumption in U.S. Households by Urban/Rural Location, 2001 (Continued)

	Total	Urban/Rural Location[1]				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	1.0	1.3	1.3	1.0	
	Heated Square Footage (HSF) per Household[4]					
Heated Square Footage per Household, Where the Main Space-Heating Fuel Is:						
Electricity	1,399	1,159	1,307	1,647	1,728	5.2
Natural Gas	1,836	1,613	1,798	2,314	2,194	3.5
Fuel Oil	2,043	1,549	2,230	2,263	2,274	5.5
Kerosene	1,076	Q	Q	Q	1,159	12.0
LPG	1,570	1,041	1,446	1,612	1,647	10.5
Average for All Heated Households	1,707	1,480	1,692	2,103	1,880	2.7
	Space-Heating Intensity[4,a] [PU÷{HDD×(HSF÷1000)}]					
Space-Heating Intensity, Where the Main Space-Heating Fuel Is:						
Electricity (kWh)	0.838	0.847	0.902	0.778	0.810	4.5
Natural Gas (cubic feet)	6.893	7.656	6.938	5.684	6.327	4.0
Fuel Oil (gallons)	0.046	0.050	0.044	0.048	0.045	5.6
Kerosene (gallons)	0.057	Q	Q	Q	0.056	15.1
LPG (gallons)	0.077	0.102	0.087	0.062	0.074	12.3

[1] Based on the household respondent's description rather than the Federal Government definition.
[2] The major fuels are electricity, natural gas, fuel oil, kerosene, and liquefied petroleum gas (LPG).
[3] 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.
[4] Averages are for those households using each of the main space-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.
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.