

**Table CE1-8c. Total Energy Consumption in U.S. Households
by Urban/Rural Location, 2001**

	Urban/Rural Location ¹					RSE Row Factors
	Total	City	Town	Suburbs	Rural	
	0.5	0.9	1.4	1.3	1.2	
Million Households						
Total U.S. Households	107.0	49.9	18.0	21.2	17.9	4.2
Number of Households, Fuels Used (more than one may apply):						
Electricity ²	107.0	49.9	18.0	21.2	17.9	4.2
Natural Gas	66.9	37.4	11.2	14.4	3.9	5.5
Fuel Oil	8.7	2.6	2.1	1.4	2.6	13.3
Kerosene	2.9	0.5	0.6	0.4	1.4	20.1
LPG	9.4	0.9	1.6	0.8	6.1	14.9
Wood	14.5	3.9	2.4	3.2	5.1	9.4
Quadrillion Btu						
Total Btu Consumption, Fuels Used:						
Electricity						
Primary	11.63	4.51	1.92	2.60	2.60	4.5
Site	3.89	1.51	0.64	0.87	0.87	4.5
Natural Gas	4.84	2.51	0.87	1.15	0.31	6.8
Fuel Oil	0.71	0.18	0.19	0.12	0.22	14.6
Kerosene	0.05	(*)	0.01	Q	0.03	29.5
LPG	0.38	0.02	0.07	0.03	0.26	20.2
Wood	0.37	0.05	0.06	0.04	0.23	15.1
Total (excludes primary electricity and wood)	9.86	4.22	1.77	2.18	1.69	4.1
Physical Units						
Physical Units of Total Consumption, Fuels Used:						
Electricity (billion kWh)	1,140	442	188	255	254	4.5
Natural Gas (billion cf)	4,708	2,438	848	1,121	302	6.8
Fuel Oil (million gallons)	5,105	1,277	1,352	878	1,598	14.6
Kerosene (million gallons)	348	29	56	Q	236	29.5
LPG (million gallons)	4,121	257	725	326	2,814	20.2
Wood (million cords)	18.7	2.3	2.9	2.0	11.5	15.1
Million Btu per Household³						
Total Btu Consumption per Household, Fuels Used:						
Electricity						
Primary	108.7	90.5	106.3	122.7	145.4	2.4
Site	36.4	30.3	35.6	41.0	48.6	2.4
Natural Gas	72.4	67.1	77.6	80.2	79.0	3.2
Fuel Oil	81.7	68.3	88.5	88.1	86.2	5.4
Kerosene	16.1	7.3	13.7	Q	22.0	22.0
LPG	40.2	25.7	42.6	37.0	42.1	11.6
Wood	25.9	11.7	24.6	12.7	45.6	11.9
Total (excludes primary electricity and wood)	92.2	84.7	98.4	102.7	94.5	2.1

See footnotes at end of table.

Table CE1-8c. Total Energy Consumption in U.S. Households by Urban/Rural Location, 2001 (Continued)

	Urban/Rural Location ¹					RSE Row Factors
	Total	City	Town	Suburbs	Rural	
RSE Column Factor:	0.5	0.9	1.4	1.3	1.2	
Physical Units per Household³						
Physical Units of Total Consumption per Household, Fuels Used:						
Electricity (kWh)	10,656	8,869	10,425	12,028	14,251	2.4
Natural Gas (thousand cf)	70	65	75	78	77	3.2
Fuel Oil (gallons)	589	493	638	635	622	5.4
Kerosene (gallons)	119	54	102	Q	163	22.1
LPG (gallons)	440	281	467	406	461	11.6
Wood (cords)	1.3	0.6	1.2	0.6	2.3	11.9
Million Households						
Number of Households, Where the End Use Is:						
Space Heating ⁴	105.3	48.9	17.9	21.1	17.3	4.2
Electric Air-Conditioning ⁵	80.8	35.6	13.4	18.6	13.3	4.3
Water Heating ⁶	106.7	49.7	18.0	21.2	17.8	4.2
Refrigerators	106.8	49.7	18.0	21.2	17.8	4.2
Appliances	107.0	49.9	18.0	21.2	17.9	4.2
Quadrillion Btu^a						
Total Btu Consumption, Where the End Use Is:						
Space Heating	4.62	1.99	0.90	0.97	0.76	5.1
Electric Air-Conditioning	0.62	0.26	0.09	0.17	0.11	5.9
Water Heating	1.68	0.77	0.29	0.37	0.25	3.9
Refrigerators	0.53	0.22	0.09	0.12	0.10	4.2
Other Appliances and Lighting	2.40	0.98	0.41	0.55	0.46	4.4
Million Btu per Household^{3,a}						
Total Btu Consumption per Household, Where the End Use Is:						
Space Heating	43.9	40.6	50.3	45.8	44.1	3.4
Electric Air-Conditioning	7.7	7.3	6.4	9.3	8.0	4.0
Water Heating	15.8	15.4	16.1	17.5	14.3	2.1
Refrigerators	5.0	4.5	5.0	5.5	5.8	2.1
Other Appliances and Lighting	22.5	19.7	22.6	25.9	25.9	2.4

¹ Based on the household respondent's description rather than the Federal Government definition.
² The RECS cannot be used to accurately estimate the number of households that do not use electricity.
³ The averages for total and for appliances are over the set of all households; otherwise the averages are over the set of households using a given fuel or over the set using a given end use.
⁴ Households where the main or secondary space-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.
⁵ The number of households, where the end use is electric air-conditioning, does **not** include households that did not use their equipment (0.9 million). It does include the small number of households where the fuel for central air-conditioning equipment was something other than electricity; those households were treated as if the fuel was electricity.
⁶ Households where the main or secondary water-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.
^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.