

Table CE1-4c. Total Energy Consumption in U.S. Households by Type of Housing Unit, 2001

	Type of Housing Unit					RSE Row Factors
	Total	Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.6	1.4	1.8	
Million Households						
Total U.S. Households	107.0	73.7	9.5	17.0	6.8	4.4
Number of Households, Fuels Used (more than one may apply):						
Electricity ¹	107.0	73.7	9.5	17.0	6.8	4.4
Natural Gas	66.9	48.5	6.2	9.9	2.3	6.0
Fuel Oil	8.7	6.4	0.6	1.4	0.2	16.8
Kerosene	2.9	2.2	Q	Q	0.6	16.7
LPG	9.4	7.6	Q	Q	1.6	15.0
Wood	14.5	13.2	0.4	0.3	0.6	16.2
Quadrillion Btu						
Total Btu Consumption, Fuels Used:						
Electricity						
Primary	11.63	8.99	0.69	1.08	0.87	5.1
Site	3.89	3.01	0.23	0.36	0.29	5.1
Natural Gas	4.84	3.98	0.45	0.28	0.14	7.5
Fuel Oil	0.71	0.59	0.06	0.05	0.01	18.7
Kerosene	0.05	0.03	Q	Q	0.02	28.4
LPG	0.38	0.31	Q	Q	0.06	19.6
Wood	0.37	0.36	Q	Q	0.01	20.1
Total (excludes primary electricity and wood)	9.86	7.91	0.74	0.70	0.52	4.4
Physical Units						
Physical Units of Total Consumption, Fuels Used:						
Electricity (billion kWh)	1,140	881	68	105	85	5.1
Natural Gas (billion cf)	4,708	3,864	434	274	135	7.5
Fuel Oil (million gallons)	5,105	4,221	422	397	65	18.7
Kerosene (million gallons)	348	195	Q	Q	146	28.4
LPG (million gallons)	4,121	3,433	Q	Q	649	19.6
Wood (million cords)	18.7	17.8	Q	Q	0.6	20.1
Million Btu per Household²						
Total Btu Consumption per Household, Fuels Used:						
Electricity						
Primary	108.7	122.1	73.2	63.3	127.2	3.0
Site	36.4	40.8	24.5	21.2	42.5	3.0
Natural Gas	72.4	82.0	71.7	28.4	60.1	3.6
Fuel Oil	81.7	91.1	94.4	39.5	40.0	6.5
Kerosene	16.1	11.9	Q	Q	32.8	19.6
LPG	40.2	41.5	Q	Q	36.5	10.0
Wood	25.9	26.9	Q	2.2	19.7	18.7
Total (excludes primary electricity and wood)	92.2	107.3	78.1	41.0	75.9	2.3

See footnotes at end of table.

Table CE1-4c. Total Energy Consumption in U.S. Households by Type of Housing Unit, 2001 (Continued)

	Type of Housing Unit					RSE Row Factors
	Total	Single-Family	Apartments in Buildings With		Mobile Homes	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.6	1.4	1.8	
Physical Units per Household²						
Physical Units of Total Consumption per Household, Fuels Used:						
Electricity (kWh)	10,656	11,965	7,176	6,204	12,469	3.0
Natural Gas (thousand cf)	70	80	70	28	58	3.6
Fuel Oil (gallons)	589	657	680	285	288	6.5
Kerosene (gallons)	119	88	Q	Q	243	19.6
LPG (gallons)	440	454	Q	Q	399	10.0
Wood (cords)	1.3	1.3	Q	0.1	1.0	18.7
Million Households						
Number of Households, Where the End Use Is:						
Space Heating ³	105.3	72.8	9.4	16.3	6.8	4.4
Electric Air-Conditioning ⁴	80.8	57.6	6.3	11.8	5.1	4.9
Water Heating ⁵	106.7	73.5	9.5	16.9	6.8	4.4
Refrigerators	106.8	73.6	9.5	16.9	6.8	4.4
Appliances	107.0	73.7	9.5	17.0	6.8	4.4
Quadrillion Btu^a						
Total Btu Consumption, Where the End Use Is:						
Space Heating	4.62	3.75	0.41	0.24	0.21	5.3
Electric Air-Conditioning	0.62	0.50	0.03	0.05	0.04	7.9
Water Heating	1.68	1.31	0.12	0.17	0.08	4.5
Refrigerators	0.53	0.41	0.03	0.05	0.03	4.6
Other Appliances and Lighting	2.40	1.93	0.14	0.18	0.15	4.6
Million Btu per Household^{2,a}						
Total Btu Consumption per Household, Where the End Use Is:						
Space Heating	43.9	51.5	44.2	14.8	31.3	3.9
Electric Air-Conditioning	7.7	8.7	5.0	4.6	7.4	5.5
Water Heating	15.8	17.9	12.4	10.0	12.2	2.7
Refrigerators	5.0	5.6	3.7	3.2	5.1	2.3
Other Appliances and Lighting	22.5	26.2	15.1	10.6	21.9	2.5

¹ The RECS cannot be used to accurately estimate the number of households that do not use electricity.

² 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.

³ Households where the main or secondary space-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

⁴ 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.

⁵ 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.

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.