

Table CE5-1c. Appliances¹ Energy Consumption in U.S. Households by Climate Zone, 2001

	Climate Zone ²						RSE Row Factors
	Total	Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.7	1.0	1.2	1.1	1.0	
Million Households							
Total U.S. Households	107.0	9.2	28.6	24.0	21.0	24.1	7.9
Number of Households With Appliances, Fuels Used (more than one may apply):							
Electricity for:							
Refrigerators	106.8	9.2	28.6	24.0	20.9	24.1	7.9
Other Appliances and Lighting	107.0	9.2	28.6	24.0	21.0	24.1	7.9
Natural Gas	42.6	2.3	13.1	10.1	9.2	7.8	9.4
LPG	5.6	1.1	1.3	1.2	1.0	1.0	21.1
Quadrillion Btu^a							
Appliances Btu Consumption, Fuels Used:							
Electricity for:							
Refrigerators	0.53	0.04	0.13	0.11	0.10	0.15	7.6
Other Appliances and Lighting	1.98	0.18	0.52	0.43	0.37	0.48	7.7
Natural Gas	0.37	0.02	0.11	0.08	0.09	0.07	11.2
LPG	0.05	0.01	Q	0.01	0.01	0.01	24.5
Total ³	2.94	0.24	0.78	0.64	0.56	0.71	7.3
Physical Units^a							
Physical Units of Appliances Consumption, Fuels Used:							
Electricity for:							
Refrigerators (billion kWh)	156	12	38	33	29	44	7.6
Other Appliances and Lighting (billion kWh)	581	52	154	127	108	142	7.7
Natural Gas (billion cf)	362	16	111	81	87	66	11.2
LPG (million gallons)	509	75	Q	107	71	92	24.5
Million Btu per Household^{4,a}							
Appliances Btu Consumption per Household, Fuels Used:							
Electricity for:							
Refrigerators	5.0	4.6	4.6	4.6	4.7	6.2	2.9
Other Appliances and Lighting	18.5	19.2	18.3	18.0	17.5	20.1	2.9
Natural Gas	8.7	7.1	8.7	8.3	9.7	8.7	5.4
LPG	8.3	6.3	Q	8.5	6.4	8.4	23.2
Total ³	27.5	26.3	27.4	26.6	26.8	29.5	2.6

See footnotes at end of table.

Table CE5-1c. Appliances¹ Energy Consumption in U.S. Households by Climate Zone, 2001 (Continued)

RSE Column Factor:	Climate Zone ²						RSE Row Factors
	Total	Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
0.4	1.7	1.0	1.2	1.1	1.0		

Physical Units per Household^{4,a}

Physical Units of Appliances Consumption per Household, Fuels Used:

Electricity for:							
Refrigerators (kWh)	1,462	1,347	1,334	1,358	1,385	1,827	2.9
Other Appliances and Lighting (kWh)	5,435	5,622	5,362	5,270	5,129	5,880	2.9
Natural Gas (thousand cf)	8	7	8	8	9	8	5.4
LPG (gallons)	91	69	Q	93	70	92	23.2

¹ Includes energy consumption for refrigeration and lighting.

² One of five climatically distinct areas, determined according to the 30-year average (1961-1990) of the annual heating and cooling degree-days. For this report, the heating or cooling degree-days are a measure of how cold or how hot a location is over a period of one year, relative to a base temperature of 65 degrees Fahrenheit. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

³ Includes a small amount of fuel oil and kerosene.

⁴ Averages are for those households using each of the fuels for appliances.

^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.