

**Table CE1-3c. Total Energy Consumption in U.S. Households by Household Income, 2001**

	Total	2001 Household Income				Below Poverty Line	Eligible for Federal Assistance <sup>1</sup>	RSE Row Factors
		Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.5	1.7	0.9	1.0	0.9	1.4	0.9	
<b>Million Households</b>								
<b>Total U.S. Households</b> .....	107.0	11.0	30.6	27.1	38.3	15.0	33.8	3.3
<b>Number of Households, Fuels Used (more than one may apply):</b>								
Electricity <sup>2</sup> .....	107.0	11.0	30.6	27.1	38.3	15.0	33.8	3.3
Natural Gas .....	66.9	6.8	18.2	16.4	25.5	9.3	20.7	4.8
Fuel Oil .....	8.7	0.6	2.2	2.5	3.4	0.8	2.4	12.7
Kerosene .....	2.9	0.4	0.8	0.9	0.8	0.7	1.2	17.0
LPG .....	9.4	0.9	2.9	2.6	3.0	1.2	3.0	12.7
Wood .....	14.5	0.4	2.5	3.6	8.0	0.7	2.3	10.1
<b>Quadrillion Btu</b>								
<b>Total Btu Consumption, Fuels Used:</b>								
Electricity								
Primary .....	11.63	0.81	2.78	2.91	5.13	1.25	3.06	3.9
Site .....	3.89	0.27	0.93	0.97	1.72	0.42	1.02	3.9
Natural Gas .....	4.84	0.38	1.19	1.15	2.13	0.54	1.36	5.8
Fuel Oil .....	0.71	0.04	0.16	0.19	0.31	0.05	0.18	14.2
Kerosene .....	0.05	0.01	0.02	0.01	0.01	0.01	0.03	26.8
LPG .....	0.38	0.03	0.12	0.11	0.12	0.04	0.11	17.3
Wood .....	0.37	0.03	0.09	0.11	0.14	0.04	0.09	21.0
Total (excludes primary electricity and wood) .....	9.86	0.72	2.42	2.43	4.30	1.06	2.70	3.6
<b>Physical Units</b>								
<b>Physical Units of Total Consumption, Fuels Used:</b>								
Electricity (billion kWh) .....	1,140	79	272	286	503	122	300	3.9
Natural Gas (billion cf) .....	4,708	366	1,153	1,114	2,075	523	1,320	5.8
Fuel Oil (million gallons) .....	5,105	271	1,184	1,391	2,259	356	1,299	14.1
Kerosene (million gallons) .....	348	73	129	86	60	108	191	26.8
LPG (million gallons) .....	4,121	275	1,315	1,170	1,360	439	1,251	17.3
Wood (million cords) .....	18.7	1.5	4.7	5.4	7.2	1.8	4.7	21.0
<b>Million Btu per Household<sup>3</sup></b>								
<b>Total Btu Consumption per Household, Fuels Used:</b>								
Electricity								
Primary .....	108.7	73.3	90.9	107.6	134.0	83.2	90.5	2.4
Site .....	36.4	24.5	30.4	36.0	44.8	27.8	30.3	2.4
Natural Gas .....	72.4	55.8	65.1	69.8	83.6	57.9	65.5	3.0
Fuel Oil .....	81.7	68.2	73.0	77.9	92.5	65.3	76.6	5.7
Kerosene .....	16.1	21.9	21.1	13.4	10.4	22.4	20.8	21.0
LPG .....	40.2	28.2	41.1	41.6	41.7	32.1	37.5	9.9
Wood .....	25.9	70.0	37.3	30.2	18.0	48.2	41.8	18.4
Total (excludes primary electricity and wood) .....	92.2	65.2	79.1	89.8	112.1	70.7	79.9	2.2

See footnotes at end of table.

**Table CE1-3c. Total Energy Consumption in U.S. Households by Household Income, 2001 (Continued)**

	2001 Household Income					Below Poverty Line	Eligible for Federal Assistance <sup>1</sup>	RSE Row Factors
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.5	1.7	0.9	1.0	0.9	1.4	0.9	
<b>Physical Units per Household<sup>3</sup></b>								
<b>Physical Units of Total Consumption per Household, Fuels Used:</b>								
Electricity (kWh) .....	10,656	7,190	8,906	10,545	13,131	8,152	8,871	2.4
Natural Gas (thousand cf) .....	70	54	63	68	81	56	64	3.0
Fuel Oil (gallons) .....	589	492	527	562	667	471	553	5.7
Kerosene (gallons) .....	119	162	157	99	77	166	154	21.0
LPG (gallons) .....	440	308	450	455	456	352	411	9.9
Wood (cords) .....	1.3	3.5	1.9	1.5	0.9	2.4	2.1	18.4
<b>Million Households</b>								
<b>Number of Households, Where the End Use Is:</b>								
Space Heating <sup>4</sup> .....	105.3	10.8	30.2	26.5	37.8	14.6	33.2	3.4
Electric Air-Conditioning <sup>5</sup> .....	80.8	6.9	21.7	21.0	31.2	9.1	22.6	3.9
Water Heating <sup>6</sup> .....	106.7	11.0	30.5	27.0	38.2	14.9	33.7	3.3
Refrigerators .....	106.8	11.0	30.5	27.1	38.3	14.9	33.7	3.3
Appliances .....	107.0	11.0	30.6	27.1	38.3	15.0	33.8	3.3
<b>Quadrillion Btu<sup>a</sup></b>								
<b>Total Btu Consumption, Where the End Use Is:</b>								
Space Heating .....	4.62	0.36	1.20	1.14	1.92	0.50	1.32	4.4
Electric Air-Conditioning .....	0.62	0.04	0.13	0.15	0.31	0.05	0.13	5.9
Water Heating .....	1.68	0.13	0.40	0.42	0.73	0.19	0.47	3.7
Refrigerators .....	0.53	0.05	0.14	0.13	0.22	0.06	0.15	3.6
Other Appliances and Lighting .....	2.40	0.16	0.55	0.59	1.11	0.25	0.63	3.8
<b>Million Btu per Household<sup>3,a</sup></b>								
<b>Total Btu Consumption per Household, Where the End Use Is:</b>								
Space Heating .....	43.9	33.1	39.7	43.1	50.8	34.1	39.7	3.4
Electric Air-Conditioning .....	7.7	5.1	5.9	7.2	9.9	5.8	5.8	4.0
Water Heating .....	15.8	11.5	13.2	15.5	19.2	12.9	14.0	2.3
Refrigerators .....	5.0	4.2	4.6	4.8	5.7	4.2	4.4	2.0
Other Appliances and Lighting .....	22.5	14.1	17.9	21.7	29.1	16.8	18.7	2.2

<sup>1</sup> Below 150 percent of poverty line or 60 percent of median State income.

<sup>2</sup> The RECS cannot be used to accurately estimate the number of households that do not use electricity.

<sup>3</sup> 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.

<sup>4</sup> Households where the main or secondary space-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

<sup>5</sup> 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.

<sup>6</sup> Households where the main or secondary water-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

<sup>a</sup> The row factor in this section is underestimated because it contains no error for estimating the end-use.

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.