

**Table CE5-3c. Appliances<sup>1</sup> Energy Consumption in U.S. Households by Household Income, 2001**

|  | Total | 2001 Household Income |                      |                      |                  | Below Poverty Line | Eligible for Federal Assistance <sup>2</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:   | 0.6   | 1.6                   | 0.8                  | 0.9                  | 1.1              | 1.4                | 0.8  |                 |
| <b>Million Households</b>  |       |                       |                      |                      |                  |                    |  |                 |
| <b>Total U.S. Households</b> .....   | 107.0 | 11.0                  | 30.6                 | 27.1                 | 38.3             | 15.0               | 33.8   | 3.4             |
| <b>Number of Households With Appliances, Fuels Used (more than one may apply):</b> |       |                       |                      |                      |                  |                    |  |                 |
| Electricity for:   |       |                       |                      |                      |                  |                    |  |                 |
| Refrigerators .....  | 106.8 | 11.0                  | 30.5                 | 27.1                 | 38.3             | 14.9               | 33.7   | 3.4             |
| Other Appliances and Lighting .....  | 107.0 | 11.0                  | 30.6                 | 27.1                 | 38.3             | 15.0               | 33.8   | 3.4             |
| Natural Gas .....  | 42.6  | 4.7                   | 11.7                 | 10.4                 | 15.8             | 6.6                | 14.3   | 6.3             |
| LPG .....  | 5.6   | 0.5                   | 1.9                  | 1.5                  | 1.7              | 0.7                | 2.1  | 14.5            |
| <b>Quadrillion Btu<sup>a</sup></b>   |       |                       |                      |                      |                  |                    |  |                 |
| <b>Appliances Btu Consumption, Fuels Used:</b>                                     |       |                       |                      |                      |                  |                    |  |                 |
| Electricity for:   |       |                       |                      |                      |                  |                    |  |                 |
| Refrigerators .....  | 0.53  | 0.05                  | 0.14                 | 0.13                 | 0.22             | 0.06               | 0.15   | 3.6             |
| Other Appliances and Lighting .....  | 1.98  | 0.12                  | 0.45                 | 0.50                 | 0.91             | 0.20               | 0.51   | 3.7             |
| Natural Gas .....  | 0.37  | 0.03                  | 0.08                 | 0.09                 | 0.17             | 0.05               | 0.11   | 7.5             |
| LPG .....  | 0.05  | (*)                   | 0.01                 | 0.01                 | 0.03             | (*)                | 0.01   | 20.6            |
| Total <sup>3</sup> .....   | 2.94  | 0.20                  | 0.69                 | 0.72                 | 1.33             | 0.32               | 0.78   | 3.7             |
| <b>Physical Units<sup>a</sup></b>  |       |                       |                      |                      |                  |                    |  |                 |
| <b>Physical Units of Appliances Consumption, Fuels Used:</b>                       |       |                       |                      |                      |                  |                    |  |                 |
| Electricity for:   |       |                       |                      |                      |                  |                    |  |                 |
| Refrigerators (billion kWh) .....  | 156   | 13                    | 41                   | 38                   | 64               | 18                 | 44   | 3.6             |
| Other Appliances and Lighting (billion kWh) .....                                  | 581   | 36                    | 132                  | 145                  | 268              | 58                 | 148  | 3.7             |
| Natural Gas (billion cf) .....   | 362   | 32                    | 81                   | 83                   | 167              | 48                 | 109  | 7.5             |
| LPG (million gallons) .....  | 509   | 18                    | 124                  | 86                   | 281              | 45                 | 143  | 20.6            |
| <b>Million Btu per Household<sup>4,a</sup></b>                                     |       |                       |                      |                      |                  |                    |  |                 |
| <b>Appliances Btu Consumption per Household, Fuels Used:</b>                       |       |                       |                      |                      |                  |                    |  |                 |
| Electricity for:   |       |                       |                      |                      |                  |                    |  |                 |
| Refrigerators .....  | 5.0   | 4.2                   | 4.6                  | 4.8                  | 5.7              | 4.2                | 4.4  | 2.0             |
| Other Appliances and Lighting .....  | 18.5  | 11.1                  | 14.8                 | 18.3                 | 23.9             | 13.3               | 15.0   | 2.2             |
| Natural Gas .....  | 8.7   | 6.9                   | 7.1                  | 8.2                  | 10.8             | 7.5                | 7.8  | 3.5             |
| LPG .....  | 8.3   | 3.3                   | 6.0                  | 5.2                  | 15.2             | 5.5                | 6.3  | 13.3            |
| Total <sup>3</sup> .....   | 27.5  | 18.3                  | 22.5                 | 26.5                 | 34.7             | 21.0               | 23.1   | 2.0             |

See footnotes at end of table.

**Table CE5-3c. Appliances<sup>1</sup> Energy Consumption in U.S. Households by Household Income, 2001 (Continued)**

|  | Total | 2001 Household Income |                      |                      |                  | Below Poverty Line | Eli-gible for Fed-eral Assist-ance <sup>2</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:   | 0.6   | 1.6                   | 0.8                  | 0.9                  | 1.1              | 1.4                | 0.8   |                 |
| <b>Physical Units per Household<sup>4,a</sup></b>                          |       |                       |                      |                      |                  |                    |   |                 |
| <b>Physical Units of Appliances Consumption per Household, Fuels Used:</b> |       |                       |                      |                      |                  |                    |   |                 |
| Electricity for:   |       |                       |                      |                      |                  |                    |   |                 |
| Refrigerators (kWh) .....  | 1,462 | 1,218                 | 1,344                | 1,410                | 1,663            | 1,238              | 1,304   | 2.0             |
| Other Appliances and Lighting (kWh) .....                                  | 5,435 | 3,239                 | 4,335                | 5,360                | 6,998            | 3,889              | 4,391   | 2.2             |
| Natural Gas (thousand cf) .....  | 8     | 7                     | 7                    | 8                    | 11               | 7                  | 8   | 3.5             |
| LPG (gallons) .....  | 91    | 36                    | 66                   | 56                   | 167              | 60                 | 69  | 13.3            |

<sup>1</sup> Includes energy consumption for refrigeration and lighting.

<sup>2</sup> Below 150 percent of poverty line or 60 percent of median State income.

<sup>3</sup> Includes a small amount of fuel oil and kerosene.

<sup>4</sup> Averages are for those households using each of the fuels for appliances.

<sup>a</sup> 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.

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.