

Table 2.6 Household End Uses: Fuel Types, Appliances, and Electronics, Selected Years, 1978-2009

| Appliance | Year | | | | | | | | | | | | | Change |
|---|------|------|------|------|------|------|------|------|------|------|-----------------|------|------|--------------|
| | 1978 | 1979 | 1980 | 1981 | 1982 | 1984 | 1987 | 1990 | 1993 | 1997 | 2001 | 2005 | 2009 | 1980 to 2009 |
| Total Households (millions) | 77 | 78 | 82 | 83 | 84 | 86 | 91 | 94 | 97 | 101 | 107 | 111 | 114 | 32 |
| Percent of Households | | | | | | | | | | | | | | |
| Space Heating - Main Fuel ¹ | | | | | | | | | | | | | | |
| Natural Gas | 55 | 55 | 55 | 56 | 57 | 55 | 55 | 55 | 53 | 52 | 55 | 52 | 50 | -5 |
| Electricity ² | 16 | 17 | 18 | 17 | 16 | 17 | 20 | 23 | 26 | 29 | 29 | 30 | 35 | 17 |
| Liquefied Petroleum Gases | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 |
| Distillate Fuel Oil ³ | 20 | 17 | 15 | 14 | 13 | 12 | 12 | 11 | 11 | 9 | 7 | 7 | 6 | -9 |
| Wood | 2 | 4 | 6 | 6 | 7 | 7 | 6 | 4 | 3 | 2 | 2 | 3 | 2 | -4 |
| Other ⁴ or No Equipment | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 1 | -1 |
| Air Conditioning - Equipment | | | | | | | | | | | | | | |
| Central System ⁵ | 23 | 24 | 27 | 27 | 28 | 30 | 34 | 39 | 44 | 47 | 55 | 59 | 63 | 36 |
| Window/Wall Unit ⁵ | 33 | 31 | 30 | 31 | 30 | 30 | 30 | 29 | 25 | 25 | 23 | 25 | 24 | -6 |
| None | 44 | 45 | 43 | 42 | 42 | 40 | 36 | 32 | 32 | 28 | 23 | 16 | 13 | -30 |
| Water Heating - Main Fuel | | | | | | | | | | | | | | |
| Natural Gas | 55 | 55 | 54 | 55 | 56 | 54 | 54 | 53 | 53 | 52 | 54 | 53 | 51 | -3 |
| Electricity ² | 33 | 33 | 32 | 33 | 32 | 33 | 35 | 37 | 38 | 39 | 38 | 39 | 41 | 9 |
| Liquefied Petroleum Gases | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 0 |
| Distillate Fuel Oil ³ | 8 | 7 | 9 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 4 | 4 | 3 | -6 |
| Other or No Water Heating | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 |
| Appliances | | | | | | | | | | | | | | |
| Refrigerator ⁶ | 100 | NA | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 |
| One | 86 | NA | 86 | 87 | 86 | 88 | 86 | 84 | 85 | 85 | 83 | 78 | 77 | -9 |
| Two or More | 14 | NA | 14 | 13 | 13 | 12 | 14 | 15 | 15 | 15 | 17 | 22 | 23 | 9 |
| Separate Freezer | 35 | NA | 38 | 38 | 37 | 37 | 34 | 34 | 35 | 33 | 32 | 32 | 30 | -8 |
| Clothes Washer | 74 | NA | 74 | 73 | 71 | 73 | 75 | 76 | 77 | 77 | 79 | 83 | 82 | 8 |
| Clothes Dryer | 59 | NA | 61 | 61 | 60 | 62 | 66 | 69 | 70 | 71 | 74 | 79 | 79 | 18 |
| Natural Gas | 14 | NA | 14 | 16 | 15 | 16 | 15 | 16 | 14 | 15 | 16 | 17 | 15 | 1 |
| Electric | 45 | NA | 47 | 45 | 45 | 46 | 51 | 53 | 57 | 55 | 57 | 61 | 63 | 16 |
| Dishwasher | 35 | NA | 37 | 37 | 36 | 38 | 43 | 45 | 45 | 50 | 53 | 58 | 59 | 22 |
| Range/Stove/Oven | 99 | NA | 99 | 100 | 99 | 99 | 99 | 100 | 100 | 99 | 100 | 99 | 99 | 0 |
| Natural Gas | 48 | NA | 46 | 46 | 47 | 46 | 43 | 42 | 33 | 35 | 35 | 35 | 34 | -12 |
| Electric | 53 | NA | 57 | 56 | 56 | 57 | 60 | 59 | 63 | 62 | 62 | 62 | 60 | 3 |
| Microwave Oven | 8 | NA | 14 | 17 | 21 | 34 | 61 | 79 | 84 | 83 | 86 | 88 | 96 | 82 |
| Electronics | | | | | | | | | | | | | | |
| Television | NA | NA | 98 | 98 | 98 | 98 | 98 | 99 | 99 | 99 | 99 | 99 | 99 | 1 |
| One | NA | NA | 47 | 51 | 49 | 46 | 40 | 35 | 34 | 32 | 27 | 21 | 21 | -26 |
| Two | NA | NA | 38 | 34 | 35 | 34 | 35 | 36 | 36 | 37 | 36 | 35 | 33 | -5 |
| Three or More | NA | NA | 14 | 14 | 15 | 18 | 23 | 28 | 28 | 29 | 36 | 43 | 44 | 30 |
| Video Cassette Recorder (VCR) | NA | NA | NA | NA | NA | NA | NA | NA | NA | 88 | ⁷ 90 | 80 | 51 | NA |
| Digital Video Recorder (DVR) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 43 | NA |
| Computer | NA | NA | NA | NA | NA | NA | NA | NA | NA | 35 | 56 | 68 | 76 | NA |
| One | NA | NA | NA | NA | NA | NA | NA | NA | NA | 29 | 42 | 45 | 41 | NA |
| Two or More | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6 | 15 | 23 | 35 | NA |
| Printer | NA | NA | NA | NA | NA | NA | NA | NA | 5 | 12 | 49 | 59 | 60 | NA |

¹ Includes households that have but do not use space heating equipment.
² Retail (delivered) electricity.
³ Includes kerosene.
⁴ Coal, solar, or other fuels.
⁵ Households with both a central system and a window or wall unit are counted only under "Central System." Includes households that have but do not use air conditioning equipment.
⁶ Fewer than 0.5 percent of the households do not have a refrigerator.
⁷ The 2001 "Residential Energy Consumption Survey (RECS)" only had one question for VCRs and

DVD players.
 NA=Not available.
 Notes: • Data are estimates. • For years not shown, there are no data available. • Totals may not equal sum of components due to independent rounding.
 Web Page: For related information, see <http://www.eia.gov/consumption/residential/>.
 Sources: • 1978 and 1979—U.S. Energy Information Administration (EIA), Form EIA-84, "RECS."
 • 1980 forward—EIA, Form EIA-457, "RECS."