

**Table HC14.8 Water Heating Characteristics by West Census Region, 2005**  
**Million U.S. Housing Units**

| Water Heating Characteristics                    | U.S.<br>Housing<br>Units<br>(millions) | West Census Region |                 |         |
|--|--|--------------------|-----------------|---------|
|  |  | Total<br>West      | Census Division |         |
|  |  |                    | Mountain        | Pacific |
| <b>Total</b> .....                               | 111.1                                  | 24.2               | 7.6             | 16.6    |
| <b>Number of Water Heaters</b>                   |  |                    |                 |         |
| 1.....   | 106.3                                  | 23.2               | 7.1             | 16.1    |
| 2 or More.....                                   | 3.7                                    | 1.0                | 0.4             | 0.6     |
| Do Not Use Hot Water.....                        | 1.1                                    | Q                  | Q               | N       |
| <b>Housing Units Served by Main Water Heater</b> |  |                    |                 |         |
| One Housing Unit.....                            | 99.7                                   | 21.9               | 7.1             | 14.8    |
| Two or More Housing Units.....                   | 10.3                                   | 2.3                | 0.4             | 1.9     |
| Do Not Use Hot Water.....                        | 1.1                                    | Q                  | Q               | N       |
| <b>Main Water Heating Fuel</b>                   |  |                    |                 |         |
| Electric.....                                    | 43.1                                   | 6.1                | 1.9             | 4.2     |
| For One Housing Unit.....                        | 40.3                                   | 5.2                | 1.8             | 3.4     |
| For Two or More Housing Units.....               | 2.7                                    | 0.9                | Q               | 0.8     |
| Natural Gas.....                                 | 58.7                                   | 16.7               | 4.9             | 11.7    |
| For One Housing Unit.....                        | 52.5                                   | 15.4               | 4.7             | 10.7    |
| For Two or More Housing Units.....               | 6.2                                    | 1.3                | 0.2             | 1.0     |
| Fuel Oil.....                                    | 4.0                                    | N                  | N               | N       |
| For One Housing Unit.....                        | 3.0                                    | N                  | N               | N       |
| For Two or More Housing Units.....               | 1.1                                    | N                  | N               | N       |
| Propane/LPG.....                                 | 4.0                                    | 1.2                | 0.6             | 0.6     |
| Other.....                                       | 0.2                                    | Q                  | Q               | Q       |
| Do Not Use Hot Water.....                        | 1.1                                    | Q                  | Q               | N       |
| <b>Age of Main Water Heater</b>                  |  |                    |                 |         |
| <b>Used by One Housing Unit</b>                  |  |                    |                 |         |
| Less than 2 Years.....                           | 14.7                                   | 3.7                | 1.4             | 2.3     |
| 2 to 4 Years.....                                | 18.6                                   | 4.1                | 1.4             | 2.7     |
| 5 to 9 Years.....                                | 25.5                                   | 5.7                | 2.0             | 3.7     |
| 10 to 19 Years.....                              | 20.1                                   | 4.2                | 1.4             | 2.8     |
| 20 Years or More.....                            | 6.8                                    | 1.2                | 0.3             | 1.0     |
| Don't Know.....                                  | 12.0                                   | 2.8                | 0.7             | 2.1     |
| No Separate Water Heater.....                    | 1.9                                    | Q                  | Q               | Q       |
| <b>Used by Two or More Housing Units</b>         |  |                    |                 |         |
| Less than 2 Years.....                           | 0.3                                    | Q                  | N               | Q       |
| 2 to 4 Years.....                                | 0.5                                    | Q                  | Q               | Q       |
| 5 to 9 Years.....                                | 0.5                                    | Q                  | Q               | Q       |
| 10 to 19 Years.....                              | 0.6                                    | Q                  | Q               | Q       |
| 20 Years or More.....                            | 0.6                                    | 0.2                | Q               | Q       |
| Don't Know.....                                  | 4.4                                    | 0.6                | Q               | 0.6     |
| No Separate Water Heater.....                    | 3.4                                    | 1.0                | Q               | 0.8     |

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|--|--|--------------------|-----------------|---------|
|  |  | Total<br>West      | Census Division |         |
|  |  |                    | Mountain        | Pacific |
| <b>Size of Main Water Heater</b>         |  |                    |                 |         |
| <b>Used by One Housing Unit</b>          |  |                    |                 |         |
| Small (30 gallons or less).....          | 17.1                                   | 3.2                | 1.0             | 2.2     |
| Medium (31 to 49 gallons).....           | 52.4                                   | 10.7               | 3.7             | 7.0     |
| Large (50 gallons or more).....          | 27.1                                   | 7.7                | 2.4             | 5.3     |
| Tankless water heater.....               | 1.1                                    | Q                  | Q               | Q       |
| No Separate Water Heater.....            | 1.9                                    | Q                  | Q               | Q       |
| <b>Used by Two or More Housing Units</b> |  |                    |                 |         |
| Small (30 gallons or less).....          | 1.4                                    | 0.3                | Q               | Q       |
| Medium (31 to 49 gallons).....           | 2.4                                    | 0.3                | Q               | 0.3     |
| Large (50 gallons or more).....          | 2.8                                    | 0.7                | Q               | 0.6     |
| Tankless water heater.....               | 0.2                                    | N                  | N               | N       |
| No Separate Water Heater.....            | 3.4                                    | 1.0                | Q               | 0.8     |
| <b>Other Water Heating</b>               |  |                    |                 |         |
| <b>Hot Tubs or Spas.....</b>             |  |                    |                 |         |
| Electricity.....                         | 6.7                                    | 2.2                | 0.6             | 1.7     |
| Natural Gas.....                         | 5.3                                    | 1.5                | 0.4             | 1.1     |
|  | 1.2                                    | 0.6                | Q               | 0.5     |
| <b>Swimming Pools.....</b>               |  |                    |                 |         |
| Natural Gas.....                         | 1.9                                    | 0.7                | Q               | 0.5     |
| Electricity.....                         | 1.2                                    | 0.5                | Q               | 0.4     |
| Propane/LPG.....                         | 0.4                                    | Q                  | N               | Q       |
| Some Other Fuel.....                     | 0.3                                    | Q                  | N               | Q       |
|  | Q                                      | N                  | N               | N       |
| <b>Electric Water Beds.....</b>          |  |                    |                 |         |
| 1.....                                   | 2.2                                    | 0.4                | 0.2             | Q       |
| 2 or More.....                           | 1.9                                    | 0.4                | 0.2             | Q       |
|  | 0.3                                    | Q                  | N               | Q       |
| <b>Heaters Used all Year.....</b>        |  |                    |                 |         |
| 1.....                                   | 1.7                                    | 0.3                | Q               | Q       |
| 2 or More.....                           | 1.5                                    | 0.3                | Q               | Q       |
|  | 0.3                                    | N                  | N               | N       |

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

N = No cases in reporting sample.

Notes: • Because of rounding, data may not sum to totals. • See Glossary for definition of terms used in these tables.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 2005 Residential Energy Consumption Survey.