**Table HC2.6  Air Conditioning Characteristics by Type of Housing Unit, 2005**
**Million U.S. Housing Units**

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>Housing Units (millions)</th>
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<th></th>
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<tr>
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<td>Attached</td>
<td>2 to 4 Units</td>
<td>5 or More Units</td>
<td>Mobile Homes</td>
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<td>7.8</td>
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<td>1.5</td>
<td>2.8</td>
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<tr>
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<td>61.2</td>
<td>6.1</td>
<td>6.3</td>
<td>13.9</td>
<td>5.8</td>
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<td>5.5</td>
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<td>0.4</td>
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<td>Q</td>
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<td>Q</td>
<td>Q</td>
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<td>4.1</td>
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<td>0.7</td>
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<td>1.8</td>
<td>0.5</td>
<td>0.5</td>
<td>1.5</td>
<td>Q</td>
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</table>
### Table HC2.6  Air Conditioning Characteristics by Type of Housing Unit, 2005

#### Million U.S. Housing Units

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>Housing Units (millions)</th>
<th>Type of Housing Unit</th>
<th>Single-Family Units</th>
<th>Apartments in Buildings With--</th>
<th>Mobile Homes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td>Attached</td>
<td>2 to 4 Units</td>
<td>5 or More Units</td>
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<td>Less than 2 Years</td>
<td>Q</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Q</td>
</tr>
<tr>
<td>2 to 4 Years</td>
<td>Q</td>
<td>N</td>
<td>Q</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>5 to 9 Years</td>
<td>0.3</td>
<td>Q</td>
<td>N</td>
<td>Q</td>
<td>Q</td>
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<td>10 to 19 Years</td>
<td>0.3</td>
<td>Q</td>
<td>N</td>
<td>Q</td>
<td>N</td>
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<tr>
<td>20 Years or More</td>
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<td>N</td>
<td>Q</td>
<td>N</td>
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<td>N</td>
<td>Q</td>
<td>Q</td>
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<tr>
<td>Household Pays for Electricity for Central Air-Conditioning</td>
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<td>47.1</td>
<td>3.9</td>
<td>2.6</td>
<td>6.4</td>
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<td>3.5</td>
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<td>0.3</td>
<td>N</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>Only a Few Times When Needed</td>
<td>12.1</td>
<td>6.6</td>
<td>0.9</td>
<td>1.4</td>
<td>2.5</td>
</tr>
<tr>
<td>Quite a Bit</td>
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<td>4.0</td>
<td>0.7</td>
<td>0.9</td>
<td>1.4</td>
</tr>
<tr>
<td>All Summer</td>
<td>8.6</td>
<td>4.0</td>
<td>0.8</td>
<td>1.0</td>
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<td>1.4</td>
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<td>5 to 9 Years</td>
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<td>10 to 19 Years</td>
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<td>0.5</td>
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<td>Q</td>
<td>Q</td>
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<tr>
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<td>Household Pays for Electricity for Window/Wall Air-Conditioners</td>
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<td>2.2</td>
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<td>Q</td>
<td>Q</td>
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</table>

1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
2. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.
   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.
### Table HC3.6 Air Conditioning Characteristics by Owner-Occupied Housing Units, 2005

#### Million U.S. Housing Units

<table>
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<tr>
<th>Air Conditioning Characteristics</th>
<th>U.S. Housing Units (millions)</th>
<th>Owner-Occupied Housing Units (millions)</th>
<th>Type of Owner-Occupied Housing Unit</th>
<th>Single-Family Units</th>
<th>Apartments in Buildings With--</th>
<th>Mobile Homes</th>
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<td>Total</td>
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<td>78.1</td>
<td>64.1</td>
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<td>17.8</td>
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<td>54.7</td>
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<td>36.1</td>
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<tr>
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<td>0.8</td>
<td>0.6</td>
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<td>8.4</td>
<td>7.2</td>
<td>6.3</td>
<td>0.5</td>
<td>Q</td>
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<tr>
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<td>6.3</td>
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<td></td>
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<td>43.7</td>
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<td>0.7</td>
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<td>Age of Central Air-Conditioner</td>
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<td>0.8</td>
<td>0.6</td>
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<td>Used by One Housing Unit</td>
<td>8.4</td>
<td>7.2</td>
<td>6.3</td>
<td>0.5</td>
<td>Q</td>
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<td>6.7</td>
<td>0.4</td>
<td>Q</td>
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<tr>
<td></td>
<td>2 to 4 Years</td>
<td>11.0</td>
<td>9.1</td>
<td>7.8</td>
<td>0.4</td>
<td>Q</td>
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<tr>
<td></td>
<td>5 to 9 Years</td>
<td>16.3</td>
<td>14.2</td>
<td>12.3</td>
<td>0.6</td>
<td>Q</td>
</tr>
<tr>
<td></td>
<td>10 to 19 Years</td>
<td>16.8</td>
<td>14.2</td>
<td>12.0</td>
<td>0.7</td>
<td>Q</td>
</tr>
<tr>
<td></td>
<td>20 Years or More</td>
<td>6.5</td>
<td>4.5</td>
<td>3.6</td>
<td>0.3</td>
<td>Q</td>
</tr>
<tr>
<td></td>
<td>Don't Know</td>
<td>4.5</td>
<td>1.7</td>
<td>1.3</td>
<td>Q</td>
<td>Q</td>
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**Energy Information Administration**

*2005 Residential Energy Consumption Survey: Preliminary Housing Characteristic Tables*
<table>
<thead>
<tr>
<th>Used by Two or More Housing Units</th>
<th>Owner-Occupied Housing Units (millions)</th>
<th>Type of Owner-Occupied Housing Unit</th>
<th>Single-Family Units</th>
<th>Apartments in Buildings With--</th>
<th>Mobile Homes</th>
</tr>
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<tr>
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<td>Detached</td>
<td>Attached</td>
<td>2 to 4 Units</td>
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<td>Less than 2 Years..................</td>
<td>Q</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>2 to 4 Years.......................</td>
<td>Q</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>5 to 9 Years.......................</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>10 to 19 Years.....................</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>20 Years or More...................</td>
<td>0.3</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Don't Know..........................</td>
<td>0.7</td>
<td>N</td>
<td>N</td>
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<td>N</td>
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Household Pays for Electricity for Central Air-Conditioning

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>Yes....................................</td>
<td>63.6</td>
<td>51.5</td>
<td>43.7</td>
<td>2.5</td>
<td>0.7</td>
<td>1.5</td>
</tr>
<tr>
<td>No....................................</td>
<td>2.3</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
<td>N</td>
<td>Q</td>
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</table>

Window/Wall Unit Air-Conditioning

<p>| | | | | | | |</p>
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<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>28.9</td>
<td>16.5</td>
<td>12.0</td>
<td>1.3</td>
<td>1.0</td>
<td>0.4</td>
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Frequency Most-Used Unit Used

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<th></th>
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</thead>
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<tr>
<td>Only a Few Times When Needed.....</td>
<td>12.1</td>
<td>7.2</td>
<td>5.4</td>
<td>0.6</td>
<td>0.5</td>
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<tr>
<td>Quite a Bit..</td>
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<td>4.6</td>
<td>3.3</td>
<td>0.4</td>
<td>0.3</td>
<td>Q</td>
</tr>
<tr>
<td>All Summer..........................</td>
<td>8.6</td>
<td>4.4</td>
<td>3.1</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
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</table>

Age of Most-Used Unit

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</thead>
<tbody>
<tr>
<td>Less than 2 Years..................</td>
<td>6.4</td>
<td>3.4</td>
<td>2.5</td>
<td>0.3</td>
<td>0.3</td>
<td>Q</td>
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<tr>
<td>2 to 4 Years.......................</td>
<td>7.8</td>
<td>4.6</td>
<td>3.1</td>
<td>0.4</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>5 to 9 Years.......................</td>
<td>7.0</td>
<td>4.5</td>
<td>3.5</td>
<td>0.4</td>
<td>0.3</td>
<td>N</td>
</tr>
<tr>
<td>10 to 19 Years.....................</td>
<td>3.7</td>
<td>2.5</td>
<td>2.0</td>
<td>0.4</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>20 Years or More...................</td>
<td>2.1</td>
<td>1.0</td>
<td>0.7</td>
<td>Q</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>Don't Know.........................</td>
<td>1.8</td>
<td>0.4</td>
<td>0.2</td>
<td>Q</td>
<td>N</td>
<td>Q</td>
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</table>

Household Pays for Electricity for Window/Wall Air-Conditioners

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<table>
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<tr>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Yes....................................</td>
<td>26.1</td>
<td>16.0</td>
<td>11.7</td>
<td>1.3</td>
<td>1.0</td>
<td>0.3</td>
</tr>
<tr>
<td>No....................................</td>
<td>2.2</td>
<td>0.2</td>
<td>Q</td>
<td>Q</td>
<td>N</td>
<td>Q</td>
</tr>
</tbody>
</table>

1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
2. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.

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.

## Table HC4.6 Air Conditioning Characteristics by Renter-Occupied Housing Units, 2005

### Million U.S. Housing Units

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>U.S. Housing Units (millions)</th>
<th>Renter-Occupied Housing Units (millions)</th>
<th>Type of Renter-Occupied Housing Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Single-Family Units</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Detached</td>
</tr>
<tr>
<td>Total</td>
<td>111.1</td>
<td>78.1</td>
<td>64.1</td>
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<tr>
<td>Do Not Have Cooling Equipment</td>
<td>17.8</td>
<td>11.3</td>
<td>9.3</td>
</tr>
<tr>
<td>Have Cooling Equipment</td>
<td>93.3</td>
<td>66.8</td>
<td>54.7</td>
</tr>
<tr>
<td>Use Cooling Equipment</td>
<td>91.4</td>
<td>65.8</td>
<td>54.0</td>
</tr>
<tr>
<td>Have Equipment But Do Not Use it</td>
<td>1.9</td>
<td>1.1</td>
<td>0.8</td>
</tr>
</tbody>
</table>

### Air-Conditioning Equipment¹,²

- Central System...................................................... 65.9 51.7 43.9 2.5 0.7 1.6 3.1
- Without a Heat Pump......................................... 53.5 41.1 34.8 2.1 0.5 1.2 2.6
- With a Heat Pump.............................................. 12.3 10.6 9.1 0.4 Q 0.3 0.6
- Window/Wall Units................................................. 28.9 16.5 12.0 1.3 1.0 0.4 1.7
  - 1 Unit......................................................................... 14.5 7.2 5.4 0.5 0.2 Q 0.9
  - 2 Units ..................................................................... 9.1 5.5 3.7 0.5 0.6 Q 0.6
  - 3 or More Units.................................................. 5.4 3.8 2.9 0.4 Q N 0.2

- Central Air-Conditioning........................................... 65.9 51.7 43.9 2.5 0.7 1.6 3.1

### Housing Units Served by Central Air-Conditioning Equipment

- One Housing Unit............................................... 64.2 51.4 43.7 2.5 0.7 1.5 3.1
- Two or More Housing Units.......................... 1.7 0.3 Q N Q Q Q
- Do Not Have Central A/C Equipment............... 45.2 26.4 20.2 1.7 1.1 0.7 Q Q

### Number of Rooms Cooled by Central Air-Conditioning in Summer 2005

- None.................................................................. 1.4 0.8 0.6 Q N Q Q
- 1................................................................. 0.7 Q Q N N Q Q
- 2......................................................................... 2.1 1.2 Q N Q Q
- 3......................................................................... 7.5 4.7 3.6 0.4 Q Q 0.4
- 4......................................................................... 7.9 4.4 2.5 0.3 Q 0.6 0.8
- 5 or More........................................................ 46.3 40.4 36.1 1.6 0.4 0.5 1.7

### Proportion of Rooms Air-Conditioned

- None.................................................................. 1.4 0.8 0.6 Q N Q Q
- Some, But Not All of the Rooms...................... 8.4 7.2 6.3 0.5 Q Q 0.4
- All of the Rooms.............................................. 56.1 43.7 37.0 1.9 0.7 1.4 2.7

### Frequency of Central Air-Conditioner Use

- Never................................................................. 1.4 0.8 0.6 Q N Q Q
- Only a Few Times When Needed....................... 11.4 8.8 7.0 0.9 Q 0.4 0.4
- Quite a Bit.......................................................... 12.6 9.7 8.2 0.5 Q Q 0.6
- All Summer........................................................ 40.5 32.3 28.1 1.0 0.4 0.9 2.0

### Age of Central Air-Conditioner

- Used by One Housing Unit
  - Less than 2 Years........................................... 9.0 7.6 6.7 0.4 Q Q 0.3
  - 2 to 4 Years.................................................. 11.0 9.1 7.8 0.4 Q Q 0.6
  - 5 to 9 Years.................................................. 16.3 14.2 12.3 0.6 Q Q 0.9
  - 10 to 19 Years............................................... 16.8 14.2 12.0 0.7 Q 0.4 0.9
  - 20 Years or More........................................... 6.5 4.5 3.6 0.3 Q 0.3 Q
  - Don't Know.................................................... 4.5 1.7 1.3 Q Q Q Q

---

Energy Information Administration
2005 Residential Energy Consumption Survey: Preliminary Housing Characteristic Tables
Table HC4.6  Air Conditioning Characteristics by Renter-Occupied Housing Units, 2005 Million U.S. Housing Units

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>U.S. Housing Units (millions)</th>
<th>Renter-Occupied Housing Units (millions)</th>
<th>Type of Renter-Occupied Housing Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Single-Family Units</td>
<td>Apartments in Buildings With--</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Detached</td>
<td>Attached</td>
</tr>
<tr>
<td>Used by Two or More Housing Units</td>
<td>Q</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>Less than 2 Years</td>
<td>Q</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>2 to 4 Years</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>5 to 9 Years</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>10 to 19 Years</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>20 Years or More</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>Don't Know</td>
<td>0.7</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

Household Pays for Electricity for Central Air-Conditioning

- Yes.......................................................... 63.6 51.5 43.7 2.5 0.7 1.5 3.1
- No............................................................ 2.3 0.3 Q Q N Q Q

Window/Wall Unit Air-Conditioning

- Q                                      28.9 16.5 12.0 1.3 1.0 0.4 1.7

Frequency Most-Used Unit Used

- Never.......................................................... 0.6 0.3 0.3 N N N Q
- Only a Few Times When Needed.................. 12.1 7.2 5.4 0.6 0.5 Q 0.5
- Quite a Bit.................................................. 7.5 4.6 3.3 0.4 0.3 Q 0.5
- All Summer.................................................... 8.6 4.4 3.1 0.3 Q Q 0.8

Age of Most-Used Unit

- Less than 2 Years................................. 6.4 3.4 2.5 0.3 0.3 Q 0.2
- 2 to 4 Years........................................ 7.8 4.6 3.1 0.4 Q Q 0.7
- 5 to 9 Years........................................ 7.0 4.5 3.5 0.4 0.3 N Q 0.3
- 10 to 19 Years...................................... 3.7 2.5 2.0 Q Q Q 0.3
- 20 Years or More................................. 2.1 1.0 0.7 Q Q Q Q
- Don't Know............................................... 1.8 0.4 0.2 Q N Q Q

Household Pays for Electricity for Window/Wall Air-Conditioners

- Yes.......................................................... 26.1 16.0 11.7 1.3 1.0 0.3 1.6
- No............................................................ 2.2 0.2 Q Q N Q Q

1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
2. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.
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.
### Table HC5.6  Air Conditioning Characteristics by Year of Construction, 2005

#### Million U.S. Housing Units

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>Housing Units (millions)</th>
<th>Year of Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>111.1</td>
<td>14.7</td>
</tr>
<tr>
<td>Do Not Have Cooling Equipment</td>
<td>17.8</td>
<td>3.9</td>
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<tr>
<td>Have Cooling Equipment</td>
<td>93.3</td>
<td>10.8</td>
</tr>
<tr>
<td>Use Cooling Equipment</td>
<td>91.4</td>
<td>10.6</td>
</tr>
<tr>
<td>Have Equipment But Do Not Use it</td>
<td>1.9</td>
<td>Q</td>
</tr>
</tbody>
</table>

#### Air-Conditioning Equipment

<table>
<thead>
<tr>
<th>Type</th>
<th>Housing Units (millions)</th>
<th>Year of Construction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central System</td>
<td>65.9</td>
<td>3.7</td>
</tr>
<tr>
<td>Without a Heat Pump</td>
<td>53.5</td>
<td>3.6</td>
</tr>
<tr>
<td>With a Heat Pump</td>
<td>12.3</td>
<td>Q</td>
</tr>
<tr>
<td>Window/Wall Units</td>
<td>28.9</td>
<td>7.3</td>
</tr>
<tr>
<td>1 Unit</td>
<td>14.5</td>
<td>3.1</td>
</tr>
<tr>
<td>2 Units</td>
<td>9.1</td>
<td>2.3</td>
</tr>
<tr>
<td>3 or More Units</td>
<td>5.4</td>
<td>1.9</td>
</tr>
</tbody>
</table>

#### Central Air-Conditioning

<table>
<thead>
<tr>
<th>Number of Rooms Cooled by Central Air-Conditioning in Summer 2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5 or More</td>
</tr>
</tbody>
</table>

#### Proportion of Rooms Air-Conditioned

| None, But Not All of the Rooms                                | 8.4 | 0.9 | 0.5 | 0.7 | 0.7 | 1.4 | 1.6 | 1.7 | 0.8 |
| All of the Rooms                                              | 56.1 | 2.8 | 2.1 | 5.3 | 6.0 | 9.5 | 11.3 | 12.0 | 7.2 |

#### Frequency of Central Air-Conditioner Use

| Never                                                          | 1.4 | Q | Q | Q | Q | 0.4 | 0.3 | Q | Q |
| Only a Few Times When Needed                                   | 11.4 | 0.9 | 0.7 | 1.3 | 1.1 | 2.1 | 2.3 | 2.1 | 0.9 |
| Quite a Bit                                                   | 12.6 | 1.0 | 0.5 | 1.2 | 1.6 | 1.9 | 2.6 | 2.5 | 1.4 |
| All Summer                                                    | 40.5 | 1.7 | 1.4 | 3.5 | 4.1 | 6.8 | 8.1 | 9.2 | 5.7 |

#### Age of Central Air-Conditioner

| Less than 2 Years                                             | 9.0 | 0.4 | 0.4 | 0.9 | 0.7 | 1.0 | 1.6 | 0.8 | 3.2 |
| 2 to 4 Years                                                 | 11.0 | 0.8 | 0.3 | 0.9 | 1.0 | 1.6 | 1.6 | 0.7 | 4.0 |
| 5 to 9 Years                                                 | 16.3 | 1.0 | 0.8 | 1.2 | 1.4 | 2.6 | 2.1 | 6.7 | 0.4 |
| 10 to 19 Years                                               | 16.8 | 0.8 | 0.7 | 1.8 | 1.8 | 2.2 | 4.8 | 4.6 | Q |
| 20 Years or More                                             | 6.5 | 0.4 | Q | 1.0 | 0.8 | 2.2 | 1.7 | Q | Q |
| Don't Know                                                   | 4.5 | Q | Q | 0.4 | 0.8 | 1.1 | 1.2 | 0.5 | Q |
### Table HC5.6 Air Conditioning Characteristics by Year of Construction, 2005 Million U.S. Housing Units

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</tr>
</thead>
<tbody>
<tr>
<td>Used by Two or More Housing Units</td>
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<td>N</td>
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<td>N</td>
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<td>Q</td>
</tr>
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<td>Less than 2 Years</td>
<td></td>
<td></td>
<td>Q</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Q</td>
</tr>
<tr>
<td>2 to 4 Years</td>
<td></td>
<td></td>
<td>0.3</td>
<td>Q</td>
<td>N</td>
<td>N</td>
<td>Q</td>
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</tr>
<tr>
<td>5 to 9 Years</td>
<td></td>
<td></td>
<td>0.3</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>Q</td>
<td>Q</td>
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<td>N</td>
</tr>
<tr>
<td>10 to 19 Years</td>
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<td>Q</td>
<td>Q</td>
<td>Q</td>
<td>N</td>
<td>Q</td>
</tr>
<tr>
<td>20 Years or More</td>
<td></td>
<td></td>
<td>0.7</td>
<td>Q</td>
<td>N</td>
<td>Q</td>
<td>Q</td>
<td>Q</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>Don't Know</td>
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<td></td>
<td>0.7</td>
<td>Q</td>
<td>N</td>
<td>Q</td>
<td>Q</td>
<td>Q</td>
<td>Q</td>
<td>Q</td>
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</tbody>
</table>

Household Pays for Electricity for Central Air-Conditioning

<table>
<thead>
<tr>
<th>Year</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q N N Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td>
<td>63.6</td>
<td>2.3</td>
</tr>
<tr>
<td>N Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td>
<td>26.1</td>
<td>2.2</td>
</tr>
</tbody>
</table>

Window/Wall Unit Air-Conditioning

<table>
<thead>
<tr>
<th>Frequency Most-Used Unit Used</th>
<th>Never</th>
<th>Only a Few Times When Needed</th>
<th>Quite a Bit</th>
<th>All Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td>
<td>18.6</td>
<td>12.1</td>
<td>7.5</td>
<td>8.6</td>
</tr>
<tr>
<td>Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td>
<td>2.1</td>
<td>6.4</td>
<td>1.7</td>
<td>1.9</td>
</tr>
</tbody>
</table>

Age of Most-Used Unit

<table>
<thead>
<tr>
<th>Year</th>
<th>Less than 2 Years</th>
<th>2 to 4 Years</th>
<th>5 to 9 Years</th>
<th>10 to 19 Years</th>
<th>20 Years or More</th>
<th>Don't Know</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td>
<td>6.4</td>
<td>7.8</td>
<td>7.0</td>
<td>3.7</td>
<td>2.1</td>
<td>1.8</td>
</tr>
<tr>
<td>Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td>
<td>1.7</td>
<td>1.0</td>
<td>0.7</td>
<td>0.5</td>
<td>0.6</td>
<td>0.3</td>
</tr>
</tbody>
</table>

Household Pays for Electricity for Window/Wall Air-Conditioners

<table>
<thead>
<tr>
<th>Year</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td>
<td>26.1</td>
<td>2.2</td>
</tr>
<tr>
<td>Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q</td>
<td>6.7</td>
<td>0.4</td>
</tr>
</tbody>
</table>

1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
2. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.

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.

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>Housing Units (millions)</th>
<th>Number of Households With --</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 Member</td>
<td>2 Members</td>
</tr>
<tr>
<td>Total...............................</td>
<td>111.1</td>
<td>30.0</td>
</tr>
<tr>
<td>Do Not Have Cooling Equipment.....</td>
<td>17.8</td>
<td>5.4</td>
</tr>
<tr>
<td>Have Cooling Equipment............</td>
<td>93.3</td>
<td>24.6</td>
</tr>
<tr>
<td>Use Cooling Equipment.............</td>
<td>91.4</td>
<td>24.0</td>
</tr>
<tr>
<td>Have Equipment But Do Not Use it..</td>
<td>1.9</td>
<td>0.6</td>
</tr>
<tr>
<td>Air-Conditioning Equipment 1, 2</td>
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<td></td>
</tr>
<tr>
<td>Central System........................</td>
<td>65.9</td>
<td>15.3</td>
</tr>
<tr>
<td>Without a Heat Pump..............</td>
<td>53.5</td>
<td>12.5</td>
</tr>
<tr>
<td>With a Heat Pump.................</td>
<td>12.3</td>
<td>2.7</td>
</tr>
<tr>
<td>Window/Wall Units..................</td>
<td>28.9</td>
<td>9.5</td>
</tr>
<tr>
<td>1 Unit................................</td>
<td>14.5</td>
<td>6.5</td>
</tr>
<tr>
<td>2 Units............................</td>
<td>9.1</td>
<td>2.2</td>
</tr>
<tr>
<td>3 or More Units....................</td>
<td>5.4</td>
<td>0.9</td>
</tr>
<tr>
<td>Central Air-Conditioning..........</td>
<td>65.9</td>
<td>15.3</td>
</tr>
<tr>
<td>Housing Units Served by Central Air-Conditioning Equipment</td>
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<td></td>
</tr>
<tr>
<td>One Housing Unit..................</td>
<td>64.2</td>
<td>14.7</td>
</tr>
<tr>
<td>Two or More Housing Units.........</td>
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<td>0.6</td>
</tr>
<tr>
<td>Do Not Have Central A/C Equipment</td>
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<td>14.8</td>
</tr>
<tr>
<td>Number of Rooms Cooled by Central Air-Conditioning in Summer 2005</td>
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<td></td>
</tr>
<tr>
<td>None................................</td>
<td>1.4</td>
<td>0.4</td>
</tr>
<tr>
<td>1.....................................</td>
<td>0.7</td>
<td>0.4</td>
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<tr>
<td>2.....................................</td>
<td>2.1</td>
<td>0.8</td>
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<td>3.....................................</td>
<td>7.5</td>
<td>3.5</td>
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<td>4.....................................</td>
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<td>2.3</td>
</tr>
<tr>
<td>5 or More..........................</td>
<td>46.3</td>
<td>8.0</td>
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<tr>
<td>Proportion of Rooms Air-Conditioned</td>
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<td></td>
</tr>
<tr>
<td>None................................</td>
<td>1.4</td>
<td>0.4</td>
</tr>
<tr>
<td>Some, But Not All of the Rooms...</td>
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<td>2.3</td>
</tr>
<tr>
<td>All of the Rooms..................</td>
<td>56.1</td>
<td>12.6</td>
</tr>
<tr>
<td>Frequency of Central Air-Conditioner Use</td>
<td></td>
<td></td>
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<tr>
<td>Never................................</td>
<td>1.4</td>
<td>0.4</td>
</tr>
<tr>
<td>Only a Few Times When Needed......</td>
<td>11.4</td>
<td>3.5</td>
</tr>
<tr>
<td>Quite a Bit........................</td>
<td>12.6</td>
<td>2.9</td>
</tr>
<tr>
<td>All Summer..........................</td>
<td>40.5</td>
<td>8.5</td>
</tr>
<tr>
<td>Age of Central Air-Conditioner Used by One Housing Unit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less than 2 Years..................</td>
<td>9.0</td>
<td>1.7</td>
</tr>
<tr>
<td>2 to 4 Years......................</td>
<td>11.0</td>
<td>2.0</td>
</tr>
<tr>
<td>5 to 9 Years......................</td>
<td>16.3</td>
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<td>16.8</td>
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<tr>
<td>20 Years or More...................</td>
<td>6.5</td>
<td>2.1</td>
</tr>
<tr>
<td>Don't Know.........................</td>
<td>4.5</td>
<td>1.7</td>
</tr>
</tbody>
</table>
### Table HC6.6  Air Conditioning Characteristics by Number of Household Members, 2005

**Million U.S. Housing Units**

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>Housing Units (millions)</th>
<th>Number of Households With --</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1 Member</td>
</tr>
<tr>
<td><strong>Used by Two or More Housing Units</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less than 2 Years</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>2 to 4 Years</td>
<td>Q</td>
<td>N</td>
</tr>
<tr>
<td>5 to 9 Years</td>
<td>0.3</td>
<td>Q</td>
</tr>
<tr>
<td>10 to 19 Years</td>
<td>0.3</td>
<td>Q</td>
</tr>
<tr>
<td>20 Years or More</td>
<td>0.3</td>
<td>Q</td>
</tr>
<tr>
<td>Don't Know</td>
<td>0.7</td>
<td>Q</td>
</tr>
<tr>
<td><strong>Household Pays for Electricity for Central Air-Conditioning</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>63.6</td>
<td>14.3</td>
</tr>
<tr>
<td>No</td>
<td>2.3</td>
<td>1.0</td>
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<tr>
<td><strong>Window/Wall Unit Air-Conditioning</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>28.9</td>
<td>9.5</td>
</tr>
<tr>
<td>No</td>
<td>2.2</td>
<td>1.1</td>
</tr>
<tr>
<td><strong>Frequency Most-Used Unit Used</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Never</td>
<td>0.6</td>
<td>Q</td>
</tr>
<tr>
<td>Only a Few Times When Needed</td>
<td>12.1</td>
<td>4.6</td>
</tr>
<tr>
<td>Quite a Bit</td>
<td>7.5</td>
<td>2.4</td>
</tr>
<tr>
<td>All Summer</td>
<td>8.6</td>
<td>2.3</td>
</tr>
<tr>
<td><strong>Age of Most-Used Unit</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less than 2 Years</td>
<td>6.4</td>
<td>1.6</td>
</tr>
<tr>
<td>2 to 4 Years</td>
<td>7.8</td>
<td>2.4</td>
</tr>
<tr>
<td>5 to 9 Years</td>
<td>7.0</td>
<td>2.2</td>
</tr>
<tr>
<td>10 to 19 Years</td>
<td>3.7</td>
<td>1.5</td>
</tr>
<tr>
<td>20 Years or More</td>
<td>2.1</td>
<td>1.2</td>
</tr>
<tr>
<td>Don't Know</td>
<td>1.8</td>
<td>0.5</td>
</tr>
<tr>
<td><strong>Household Pays for Electricity for Window/Wall Air-Conditioners</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>26.1</td>
<td>8.2</td>
</tr>
<tr>
<td>No</td>
<td>2.2</td>
<td>1.1</td>
</tr>
</tbody>
</table>

1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
2. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.

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.

### Table HC7.6 Air Conditioning Characteristics by Household Income, 2005

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>2005 Household Income</th>
<th>Below Poverty Line</th>
<th>Eligible for Federal Assistance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Less than $20,000</td>
<td>$20,000 to $39,999</td>
<td>$40,000 to $59,999</td>
</tr>
<tr>
<td>Total</td>
<td>111.1</td>
<td>26.7</td>
<td>28.8</td>
</tr>
<tr>
<td>Do Not Have Cooling Equipment</td>
<td>17.8</td>
<td>5.3</td>
<td>4.7</td>
</tr>
<tr>
<td>Have Cooling Equipment</td>
<td>93.3</td>
<td>21.5</td>
<td>24.1</td>
</tr>
<tr>
<td>Use Cooling Equipment</td>
<td>91.4</td>
<td>21.0</td>
<td>23.5</td>
</tr>
<tr>
<td>Have Equipment But Do Not Use it</td>
<td>1.9</td>
<td>0.5</td>
<td>0.6</td>
</tr>
</tbody>
</table>

**Air-Conditioning Equipment**

1. **Central System**
   - Without a Heat Pump: 65.9%
   - With a Heat Pump: 12.3%

2. **Window/Wall Units**
   - 1 Unit: 28.9%
   - 2 Units: 14.5%
   - 3 or More Units: 5.4%

**Central Air-Conditioning**

- 65.9% of housing units have central air conditioning.

**Housing Units Served by Central Air-Conditioning Equipment**

- One Housing Unit: 64.2%
- Two or More Housing Units: 1.7%
- Do Not Have Central A/C Equipment: 45.2%

**Number of Rooms Cooled by Central Air-Conditioning in Summer 2005**

- None: 1.4%
- 1: 0.7%
- 2: 2.1%
- 3: 7.5%
- 4: 7.9%
- 5 or More: 46.3%

**Proportion of Rooms Air-Conditioned**

- None: 1.4%
- Some, But Not All of the Rooms: 8.4%
- All of the Rooms: 56.1%

**Frequency of Central Air-Conditioner Use**

- Never: 1.4%
- Only a Few Times When Needed: 11.4%
- Quite a Bit: 12.6%
- All Summer: 40.5%

**Age of Central Air-Conditioner Used by One Housing Unit**

- Less than 2 Years: 9.0%
- 2 to 4 Years: 11.0%
- 5 to 9 Years: 16.3%
- 10 to 19 Years: 16.8%
- 20 Years or More: 6.5%
- Don't Know: 4.5%
### Table HC7.6 Air Conditioning Characteristics by Household Income, 2005
Million U.S. Housing Units

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>Housing Units (millions)</th>
<th>Below Poverty Line</th>
<th>Eligible for Federal Assistance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Less than $20,000</td>
<td>$20,000 to $39,999</td>
<td>$40,000 to $59,999</td>
</tr>
<tr>
<td><strong>Used by Two or More Housing Units</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less than 2 Years...</td>
<td>Q</td>
<td>Q</td>
<td>N</td>
</tr>
<tr>
<td>2 to 4 Years...</td>
<td>Q</td>
<td>N</td>
<td>Q</td>
</tr>
<tr>
<td>5 to 9 Years...</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>10 to 19 Years...</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>20 Years or More...</td>
<td>0.3</td>
<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>Don't Know...</td>
<td>0.7</td>
<td>Q</td>
<td>Q</td>
</tr>
</tbody>
</table>

| **Household Pays for Electricity for Central Air-Conditioning** |               |                   |                   |                   |                   |
|----------------------------------------------------------------|--------------------------|-------------------|-------------------------------|
| Yes...                                                          | 63.6                     | 10.0              | 15.8                         | 13.3              | 8.4               | 16.0              | 5.8               | 16.0              |
| No...                                                          | 2.3                      | 1.0               | 0.6                          | Q                 | Q                 | Q                 | 0.6               | 1.2               |

| **Window/Wall Unit Air-Conditioning** |               |                   |                   |                   |                   |                   |
|--------------------------------------|--------------------------|-------------------|-------------------------------|
|                                     | 28.9                     | 10.5              | 8.1                          | 4.5               | 2.7               | 3.1               | 6.7               | 14.1              |

| **Frequency Most-Used Unit Used** |               |                   |                   |                   |                   |
|----------------------------------|--------------------------|-------------------|-------------------------------|
| Never...                         | 0.6                      | Q                 | Q                             | Q                 | Q                 | Q                 | Q                 | 0.2               |
| Only a Few Times When Needed     | 12.1                     | 4.2               | 3.2                          | 1.9               | 1.4               | 1.4               | 2.5               | 5.8               |
| Quite a Bit...                   | 7.5                      | 2.4               | 2.4                          | 1.2               | 0.8               | 0.8               | 1.4               | 3.3               |
| All Summer...                    | 8.6                      | 3.7               | 2.3                          | 1.2               | 0.6               | 0.8               | 2.7               | 4.8               |

| **Age of Most-Used Unit** |               |                   |                   |                   |                   |
|--------------------------|--------------------------|-------------------|-------------------------------|
| Less than 2 Years...     | 6.4                      | 2.1               | 1.8                          | 1.0               | 0.7               | 0.9               | 1.4               | 3.0               |
| 2 to 4 Years...          | 7.8                      | 2.6               | 2.2                          | 1.4               | 0.8               | 0.8               | 1.7               | 3.8               |
| 5 to 9 Years...          | 7.0                      | 2.5               | 2.0                          | 1.2               | 0.6               | 0.6               | 1.5               | 3.2               |
| 10 to 19 Years...        | 3.7                      | 1.6               | 1.0                          | 0.3               | 0.4               | 0.5               | 1.0               | 1.9               |
| 20 Years or More...      | 2.1                      | 0.9               | 0.5                          | 0.4               | Q                 | Q                 | 0.5               | 1.1               |
| Don't Know...            | 1.8                      | 0.9               | 0.6                          | Q                 | Q                 | Q                 | 0.6               | 1.2               |

| **Household Pays for Electricity for Window/Wall Air-Conditioners** |               |                   |                   |                   |                   |
|--------------------------------------------------------------------|--------------------------|-------------------|-------------------------------|
| Yes...                                                             | 26.1                     | 8.8               | 7.5                          | 4.2               | 2.7               | 2.9               | 5.6               | 12.2              |
| No...                                                              | 2.2                      | 1.5               | 0.4                          | Q                 | Q                 | Q                 | 1.1               | 1.7               |

1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
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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.
<table>
<thead>
<tr>
<th>Housing Unit Characteristics</th>
<th>Housing Units (millions)</th>
<th>City</th>
<th>Town</th>
<th>Suburbs</th>
<th>Rural</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>111.1</td>
<td>47.1</td>
<td>19.0</td>
<td>22.7</td>
<td>22.3</td>
</tr>
<tr>
<td>Do Not Have Cooling Equipment</td>
<td>17.8</td>
<td>8.5</td>
<td>2.7</td>
<td>2.6</td>
<td>4.0</td>
</tr>
<tr>
<td>Have Cooling Equipment</td>
<td>93.3</td>
<td>38.6</td>
<td>16.2</td>
<td>20.1</td>
<td>18.4</td>
</tr>
<tr>
<td>Use Cooling Equipment</td>
<td>91.4</td>
<td>37.8</td>
<td>15.9</td>
<td>19.8</td>
<td>18.0</td>
</tr>
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### Table HC8.6  Air Conditioning Characteristics by Urban/Rural Location, 2005

#### Million U.S. Housing Units

<table>
<thead>
<tr>
<th>Housing Unit Characteristics</th>
<th>Used by Two or More Housing Units</th>
<th>Household Pays for Electricity for Central Air-Conditioning</th>
<th>Frequency Most-Used Unit Used</th>
<th>Age of Most-Used Unit</th>
<th>Household Pays for Electricity for Window/Wall Air-Conditioners</th>
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<td>Suburbs</td>
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<td>1.0</td>
<td>0.4</td>
<td>Q</td>
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</table>

1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
2. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.

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.

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<tr>
<th>Air Conditioning Characteristics</th>
<th>Housing Units (millions)</th>
<th>Climate Zone¹</th>
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<td>Greater than 7,000 HDD</td>
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<td>9.3</td>
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Energy Information Administration
2005 Residential Energy Consumption Survey: Preliminary Housing Characteristic Tables
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<th>Air Conditioning Characteristics</th>
<th>Climate Zone&lt;sup&gt;1&lt;/sup&gt;</th>
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<th>2,000 CDD or More and Less than 4,000 HDD</th>
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<td>0.3</td>
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</tr>
<tr>
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<td>Q</td>
<td>Q</td>
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**Household Pays for Electricity for Central Air-Conditioning**

- **Yes**
  - 63.6
  - 4.7
  - 12.0
  - 14.2
  - 14.5
  - 18.2
- **No**
  - 2.3
  - Q
  - Q
  - 0.9
  - 0.4
  - 0.5

**Window/Wall Unit Air-Conditioning**

- 28.9
  - 3.1
  - 9.3
  - 8.8
  - 4.0
  - 3.7

**Frequency Most-Used Unit Used**

- **Never**
  - 0.6
  - Q
  - Q
  - Q
  - Q
  - Q
- **Only a Few Times When Needed**
  - 12.1
  - 1.5
  - 4.2
  - 3.8
  - 1.7
  - 0.9
- **Quite a Bit**
  - 7.5
  - 1.0
  - 2.6
  - 2.1
  - 0.9
  - 0.9
- **All Summer**
  - 8.6
  - 0.4
  - 2.4
  - 2.7
  - 1.3
  - 1.7

**Age of Most-Used Unit**

- **Less than 2 Years**
  - 6.4
  - 0.5
  - 2.1
  - 2.1
  - 1.0
  - 0.8
- **2 to 4 Years**
  - 7.8
  - 0.9
  - 2.6
  - 2.3
  - 0.8
  - 1.1
- **5 to 9 Years**
  - 7.0
  - 0.7
  - 2.1
  - 2.3
  - 1.0
  - 1.0
- **10 to 19 Years**
  - 3.7
  - 0.3
  - 1.2
  - 1.1
  - 0.6
  - 0.5
- **20 Years or More**
  - 2.1
  - 0.2
  - 0.7
  - 0.5
  - 0.4
  - Q
- **Don't Know**
  - 1.8
  - 0.3
  - 0.6
  - 0.6
  - 0.2
  - Q

**Household Pays for Electricity for Window/Wall Air-Conditioners**

- **Yes**
  - 26.1
  - 2.7
  - 8.5
  - 7.8
  - 3.8
  - 3.2
- **No**
  - 2.2
  - Q
  - 0.7
  - 0.8
  - Q
  - 0.3

---

1. One of five climatically distinct areas, determined according to the 30-year average (1971-2000) of the annual heating and cooling degree-days. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.
2. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
3. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.
   - 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.

### Table HC10.6 Air Conditioning Characteristics by U.S. Census Region, 2005

#### Million U.S. Housing Units

<table>
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<tr>
<th>Air Conditioning Characteristics</th>
<th>Housing Units (millions)</th>
<th>U.S. Census Region</th>
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<tr>
<td>Use Cooling Equipment</td>
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Table HC10.6  Air Conditioning Characteristics by U.S. Census Region, 2005

Million U.S. Housing Units

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<th>Air Conditioning Characteristics</th>
<th>Housing Units (millions)</th>
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Household Pays for Electricity for Central Air-Conditioning

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<th>South</th>
<th>West</th>
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Window/Wall Unit Air-Conditioning

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<th>South</th>
<th>West</th>
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<td>8.0</td>
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Frequency Most-Used Unit Used

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</thead>
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<td>Q</td>
<td>Q</td>
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<td>2.1</td>
</tr>
<tr>
<td>Quite a Bit</td>
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<td>1.6</td>
<td>2.2</td>
</tr>
<tr>
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Age of Most-Used Unit

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<th>West</th>
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</thead>
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<td>1.7</td>
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<td>2.1</td>
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<tr>
<td>5 to 9 Years</td>
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<td>2.7</td>
<td>1.5</td>
<td>2.1</td>
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<tr>
<td>10 to 19 Years</td>
<td>3.7</td>
<td>1.4</td>
<td>0.8</td>
<td>1.1</td>
</tr>
<tr>
<td>20 Years or More</td>
<td>2.1</td>
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<td>0.5</td>
<td>0.5</td>
</tr>
<tr>
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<td>0.7</td>
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Household Pays for Electricity for Window/Wall Air-Conditioners

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<th>South</th>
<th>West</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>26.1</td>
<td>9.6</td>
<td>6.0</td>
<td>7.4</td>
</tr>
<tr>
<td>No</td>
<td>2.2</td>
<td>1.0</td>
<td>0.5</td>
<td>0.4</td>
</tr>
</tbody>
</table>

1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
2. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.  
   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.  
## Table HC11.6 Air Conditioning Characteristics by Northeast Census Region, 2005

### Million U.S. Housing Units

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>U.S. Housing Units (millions)</th>
<th>Northeast Census Region</th>
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</thead>
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<td>Total</td>
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<tr>
<td></td>
<td>Do Not Have Cooling Equipment</td>
<td>17.8</td>
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<tr>
<td></td>
<td>Have Cooling Equipment</td>
<td>93.3</td>
</tr>
<tr>
<td></td>
<td>Use Cooling Equipment</td>
<td>91.4</td>
</tr>
<tr>
<td></td>
<td>Have Equipment But Do Not Use it</td>
<td>1.9</td>
</tr>
<tr>
<td>Air-Conditioning Equipment 1, 2</td>
<td>Central System</td>
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<td></td>
<td>Without a Heat Pump</td>
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</tr>
<tr>
<td></td>
<td>With a Heat Pump</td>
<td>12.3</td>
</tr>
<tr>
<td></td>
<td>Window/Wall Units</td>
<td>28.9</td>
</tr>
<tr>
<td></td>
<td>1 Unit</td>
<td>14.5</td>
</tr>
<tr>
<td></td>
<td>2 Units</td>
<td>9.1</td>
</tr>
<tr>
<td></td>
<td>3 or More Units</td>
<td>5.4</td>
</tr>
<tr>
<td>Central Air-Conditioning</td>
<td></td>
<td>65.9</td>
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</table>

### Housing Units Served by Central Air-Conditioning Equipment

<table>
<thead>
<tr>
<th>Central Air-Conditioning Equipment</th>
<th>One Housing Unit</th>
<th>Two or More Housing Units</th>
<th>Do Not Have Central A/C Equipment</th>
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<tbody>
<tr>
<td></td>
<td>64.2</td>
<td>Q</td>
<td>Q</td>
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<td>1.7</td>
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<td>Q</td>
</tr>
<tr>
<td></td>
<td>45.2</td>
<td>14.6</td>
<td>9.9</td>
</tr>
</tbody>
</table>

### Number of Rooms Cooled by Central Air-Conditioning in Summer 2005

| None                             | 1.4              | Q                         | Q                                |
| 1                                | 0.7              | Q                         | Q                                |
| 2                                | 2.1              | 0.3                       | 0.3                              |
| 3                                | 7.5              | 0.3                       | 0.3                              |
| 4                                | 7.9              | 0.7                       | Q                                |
| 5 or More                        | 46.3             | 4.5                       | 3.9                              |

### Proportion of Rooms Air-Conditioned

| None                             | 1.4              | Q                         | Q                                |
| Some, But Not All of the Rooms   | 8.4              | 0.7                       | 0.6                              |
| All of the Rooms                 | 56.1             | 5.2                       | 4.5                              |

### Frequency of Central Air-Conditioner Use

| Never                            | 1.4              | Q                         | Q                                |
| Only a Few Times When Needed     | 11.4             | 1.6                       | 1.4                              |
| Quite a Bit                      | 12.6             | 1.2                       | 1.1                              |
| All Summer                       | 40.5             | 3.0                       | 2.6                              |

### Age of Central Air-Conditioner Used by One Housing Unit

| Less than 2 Years                | 9.0              | 1.0                       | 0.9                              |
| 2 to 4 Years                     | 11.0             | 0.9                       | 0.8                              |
| 5 to 9 Years                     | 16.3             | 1.3                       | 1.1                              |
| 10 to 19 Years                   | 16.8             | 1.6                       | 1.4                              |
| 20 Years or More                 | 6.5              | 0.7                       | 0.7                              |
| Don't Know                       | 4.5              | 0.3                       | Q                                |
Table HC11.6  Air Conditioning Characteristics by Northeast Census Region, 2005 Million U.S. Housing Units

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>U.S. Housing Units (millions)</th>
<th>Northeast Census Region</th>
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<tbody>
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<td>N</td>
</tr>
<tr>
<td>2 to 4 Years</td>
<td>Q</td>
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<tr>
<td>5 to 9 Years</td>
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<tr>
<td>10 to 19 Years</td>
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<td>20 Years or More</td>
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<td>Q</td>
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<tr>
<td>Household Pays for Electricity</td>
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<tr>
<td>for Central Air-Conditioning</td>
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<tr>
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<tr>
<td>Frequency Most-Used Unit Used</td>
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<tr>
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<td>1.0</td>
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1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
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Notes:
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● See Glossary for definition of terms used in these tables.

Table HC12.6  Air Conditioning Characteristics by Midwest Census Region, 2005
Million U.S. Housing Units

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>U.S. Housing Units (millions)</th>
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<th>Census Division</th>
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<tr>
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<tr>
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<td>Q</td>
<td>Q</td>
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Energy Information Administration
2005 Residential Energy Consumption Survey: Preliminary Housing Characteristic Tables
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1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
2. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.
   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.
Table HC13.6  Air Conditioning Characteristics by South Census Region, 2005

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<tr>
<th>Air Conditioning Characteristics</th>
<th>U.S. Housing Units (millions)</th>
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<th>West South Central</th>
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### Table HC13.6 Air Conditioning Characteristics by South Census Region, 2005 Million U.S. Housing Units

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<th>Air Conditioning Characteristics</th>
<th>U.S. Housing Units (millions)</th>
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1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
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2005 Residential Energy Consumption Survey: Preliminary Housing Characteristic Tables
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<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>U.S. Housing Units (millions)</th>
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<th>Census Division</th>
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Energy Information Administration
2005 Residential Energy Consumption Survey: Preliminary Housing Characteristic Tables
Table HC14.6  Air Conditioning Characteristics by West Census Region, 2005

Million U.S. Housing Units

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<tr>
<th>Air Conditioning Characteristics</th>
<th>U.S. Housing Units (millions)</th>
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<td>N</td>
</tr>
<tr>
<td>2 to 4 Years</td>
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<td>Q</td>
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<td>0.7</td>
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Household Pays for Electricity for Central Air-Conditioning

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<th>Mountain</th>
<th>Pacific</th>
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<tr>
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<td>63.6</td>
<td>10.2</td>
<td>3.8</td>
</tr>
<tr>
<td>No</td>
<td>2.3</td>
<td>0.3</td>
<td>Q</td>
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Window/Wall Unit Air-Conditioning

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<th>Mountain</th>
<th>Pacific</th>
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<tr>
<td></td>
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Frequency Most-Used Unit Used

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<th>Pacific</th>
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<tbody>
<tr>
<td>Never</td>
<td>0.6</td>
<td>Q</td>
<td>Q</td>
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<tr>
<td>Only a Few Times When Needed</td>
<td>12.1</td>
<td>2.0</td>
<td>0.2</td>
</tr>
<tr>
<td>Quite a Bit</td>
<td>7.5</td>
<td>0.7</td>
<td>0.2</td>
</tr>
<tr>
<td>All Summer</td>
<td>8.6</td>
<td>0.7</td>
<td>Q</td>
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</table>

Age of Most-Used Unit

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<th>Pacific</th>
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<tbody>
<tr>
<td>Less than 2 Years</td>
<td>6.4</td>
<td>0.9</td>
<td>Q</td>
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<tr>
<td>2 to 4 Years</td>
<td>7.8</td>
<td>0.9</td>
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<tr>
<td>5 to 9 Years</td>
<td>7.0</td>
<td>0.7</td>
<td>Q</td>
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<tr>
<td>10 to 19 Years</td>
<td>3.7</td>
<td>0.4</td>
<td>Q</td>
</tr>
<tr>
<td>20 Years or More</td>
<td>2.1</td>
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<tr>
<td>Don't Know</td>
<td>1.8</td>
<td>0.3</td>
<td>Q</td>
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Household Pays for Electricity for Window/Wall Air-Conditioners

<table>
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<th>Total West</th>
<th>Mountain</th>
<th>Pacific</th>
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</thead>
<tbody>
<tr>
<td>Yes</td>
<td>26.1</td>
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<tr>
<td>No</td>
<td>2.2</td>
<td>0.3</td>
<td>Q</td>
</tr>
</tbody>
</table>

1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
2. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.

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.

<table>
<thead>
<tr>
<th>Air Conditioning Characteristics</th>
<th>New York</th>
<th>Florida</th>
<th>Texas</th>
<th>California</th>
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<td>Air-Conditioning Equipment ¹, ²</td>
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<td>0.9</td>
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Energy Information Administration
2005 Residential Energy Consumption Survey: Preliminary Housing Characteristic Tables
Table HC15.6  Air Conditioning Characteristics by Four Most Populated States, 2005
Million U.S. Housing Units

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<tr>
<th>Air Conditioning Characteristics</th>
<th>Housing Units (millions)</th>
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<th>Texas</th>
<th>California</th>
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<tr>
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<td><strong>Window/Wall Unit Air-Conditioning</strong></td>
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<td>1.9</td>
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<td>0.6</td>
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<td>N</td>
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<tr>
<td>Only a Few Times When Needed</td>
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<td>Q</td>
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<td>1.1</td>
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<td>Q</td>
<td>0.4</td>
</tr>
<tr>
<td>All Summer</td>
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<tr>
<td>2 to 4 Years</td>
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<td>1.3</td>
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<td>0.3</td>
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<tr>
<td>5 to 9 Years</td>
<td>7.0</td>
<td>1.1</td>
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<td>0.5</td>
<td>0.3</td>
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<tr>
<td>10 to 19 Years</td>
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<td>0.6</td>
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<td>Q</td>
<td>Q</td>
</tr>
<tr>
<td>20 Years or More</td>
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<td>Q</td>
<td>Q</td>
<td>Q</td>
<td>0.3</td>
</tr>
<tr>
<td>Don't Know</td>
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<td>Q</td>
<td>N</td>
<td>Q</td>
<td>Q</td>
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<tr>
<td><strong>Household Pays for Electricity for Window/Wall Air-Conditioners</strong></td>
<td></td>
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<td>1.3</td>
<td>1.7</td>
</tr>
<tr>
<td>No</td>
<td>2.2</td>
<td>0.6</td>
<td>N</td>
<td>Q</td>
<td>Q</td>
</tr>
</tbody>
</table>

1. In the 2005 RECS 1.5 million housing units reported having both central and window/wall air conditioners.
2. The number of housing units using air-conditioning includes a small, undetermined number of housing units where the fuel for central air-conditioning was some fuel other than electricity; these housing units were treated as if the air-conditioning fuel was electricity.
   Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.
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Notes: ● Because of rounding, data may not sum to totals. ● See Glossary for definition of terms used in these tables.

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