

**Table HC4.6 Air Conditioning Characteristics by Renter-Occupied Housing Units, 2005**  
**Million U.S. Housing Units**

Air Conditioning Characteristics	Housing Units (millions)	Renter-Occupied Housing Units (millions)	Type of Renter-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
<b>Total</b> .....	111.1	33.0	8.0	3.4	5.9	14.4	1.2
<b>Do Not Have Cooling Equipment</b> .....	17.8	6.5	1.6	0.9	1.3	2.4	0.2
<b>Have Cooling Equipment</b> .....	93.3	26.5	6.5	2.5	4.6	12.0	1.0
Use Cooling Equipment.....	91.4	25.7	6.3	2.5	4.4	11.7	0.8
Have Equipment But Do Not Use it.....	1.9	0.8	Q	Q	0.2	0.3	Q
<b>Air-Conditioning Equipment<sup>1, 2</sup></b>							
Central System.....	65.9	14.1	3.6	1.5	2.1	6.4	0.6
Without a Heat Pump.....	53.5	12.4	3.1	1.3	1.8	5.7	0.6
With a Heat Pump.....	12.3	1.7	0.6	Q	0.3	0.6	Q
Window/Wall Units.....	28.9	12.4	2.9	1.0	2.5	5.6	0.4
1 Unit.....	14.5	7.3	1.2	0.5	1.4	3.9	0.2
2 Units.....	9.1	3.6	0.9	0.4	0.9	1.3	Q
3 or More Units.....	5.4	1.6	0.8	Q	0.3	0.3	Q
<b>Central Air-Conditioning</b> .....	65.9	14.1	3.6	1.5	2.1	6.4	0.6
<b>Housing Units Served by Central Air-Conditioning Equipment</b>							
One Housing Unit.....	64.2	12.7	3.6	1.5	1.8	5.3	0.6
Two or More Housing Units.....	1.7	1.4	Q	Q	Q	1.1	N
Do Not Have Central A/C Equipment.....	45.2	18.9	4.4	1.9	3.8	8.1	0.6
<b>Number of Rooms Cooled by Central Air-Conditioning in Summer 2005</b>							
None.....	1.4	0.5	Q	Q	Q	Q	Q
1.....	0.7	0.5	Q	N	Q	0.4	N
2.....	2.1	0.9	Q	Q	Q	0.5	Q
3.....	7.5	2.8	Q	0.3	0.5	1.8	Q
4.....	7.9	3.4	0.3	0.5	0.5	2.0	Q
5 or More.....	46.3	5.9	2.8	0.6	0.9	1.5	Q
<b>Proportion of Rooms Air-Conditioned</b>							
None.....	1.4	0.5	Q	Q	Q	Q	Q
Some, But Not All of the Rooms.....	8.4	1.2	0.5	Q	Q	0.4	Q
All of the Rooms.....	56.1	12.4	3.0	1.3	1.9	5.8	0.4
<b>Frequency of Central Air-Conditioner Use</b>							
Never.....	1.4	0.5	Q	Q	Q	Q	Q
Only a Few Times When Needed.....	11.4	2.5	0.4	0.3	0.4	1.3	Q
Quite a Bit.....	12.6	2.9	0.5	0.4	0.3	1.6	Q
All Summer.....	40.5	8.1	2.6	0.7	1.2	3.3	0.3
<b>Age of Central Air-Conditioner Used by One Housing Unit</b>							
Less than 2 Years.....	9.0	1.4	0.6	0.2	Q	0.3	N
2 to 4 Years.....	11.0	1.9	0.6	Q	0.3	0.7	Q
5 to 9 Years.....	16.3	2.1	0.8	Q	Q	0.8	Q
10 to 19 Years.....	16.8	2.6	0.7	0.4	0.3	1.0	Q
20 Years or More.....	6.5	2.0	0.4	Q	0.3	1.1	Q
Don't Know.....	4.5	2.8	0.5	0.4	0.4	1.3	Q

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			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
<b>Used by Two or More Housing Units</b>							
Less than 2 Years.....	Q	Q	N	N	N	Q	N
2 to 4 Years.....	Q	Q	N	Q	N	Q	N
5 to 9 Years.....	0.3	Q	N	N	Q	Q	N
10 to 19 Years.....	0.3	Q	N	N	N	Q	N
20 Years or More.....	0.3	Q	Q	N	Q	Q	N
Don't Know.....	0.7	0.7	N	N	Q	Q	N
<b>Household Pays for Electricity for Central Air-Conditioning</b>							
Yes.....	63.6	12.1	3.4	1.4	1.9	4.9	0.5
No.....	2.3	2.0	Q	Q	Q	1.5	Q
<b>Window/Wall Unit Air-Conditioning.....</b>	<b>28.9</b>	<b>12.4</b>	<b>2.9</b>	<b>1.0</b>	<b>2.5</b>	<b>5.6</b>	<b>0.4</b>
<b>Frequency Most-Used Unit Used</b>							
Never.....	0.6	0.3	Q	N	Q	Q	Q
Only a Few Times When Needed.....	12.1	4.9	1.2	0.3	0.9	2.4	Q
Quite a Bit.....	7.5	3.0	0.7	0.2	0.6	1.3	Q
All Summer.....	8.6	4.3	1.0	0.5	0.9	1.8	Q
<b>Age of Most-Used Unit</b>							
Less than 2 Years.....	6.4	3.0	0.6	0.2	0.9	1.3	Q
2 to 4 Years.....	7.8	3.2	0.7	0.3	0.8	1.2	Q
5 to 9 Years.....	7.0	2.5	0.7	0.2	0.4	1.2	Q
10 to 19 Years.....	3.7	1.2	0.3	Q	Q	0.5	Q
20 Years or More.....	2.1	1.1	0.3	Q	Q	0.6	N
Don't Know.....	1.8	1.4	0.2	Q	0.2	0.8	Q
<b>Household Pays for Electricity for Window/Wall Air-Conditioners</b>							
Yes.....	26.1	10.1	2.6	0.8	2.3	4.1	0.3
No.....	2.2	2.0	Q	Q	Q	1.4	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.

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