

Table HC5.6 Air Conditioning Characteristics by Year of Construction, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	Housing Units (millions)	Year of Construction							
		Before 1940	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2005
Total	111.1	14.7	7.4	12.5	12.5	18.9	18.6	17.3	9.2
Do Not Have Cooling Equipment	17.8	3.9	1.8	2.2	2.1	3.1	2.6	1.7	0.4
Have Cooling Equipment	93.3	10.8	5.6	10.3	10.4	15.8	16.0	15.6	8.8
Use Cooling Equipment.....	91.4	10.6	5.5	10.3	10.3	15.3	15.7	15.3	8.6
Have Equipment But Do Not Use it.....	1.9	Q	Q	Q	Q	0.6	0.4	0.3	Q
Air-Conditioning Equipment^{1, 2}									
Central System.....	65.9	3.7	2.6	6.1	6.8	11.2	13.2	13.9	8.2
Without a Heat Pump.....	53.5	3.6	2.3	5.5	5.8	9.5	10.1	10.3	6.4
With a Heat Pump.....	12.3	Q	0.3	0.6	1.0	1.7	3.1	3.6	1.7
Window/Wall Units.....	28.9	7.3	3.2	4.5	3.7	4.8	3.0	1.9	0.7
1 Unit.....	14.5	3.1	1.6	1.9	1.8	2.7	1.8	1.0	0.5
2 Units.....	9.1	2.3	1.0	1.8	1.2	1.5	0.7	0.5	Q
3 or More Units.....	5.4	1.9	0.5	0.8	0.7	0.6	0.4	0.4	Q
Central Air-Conditioning	65.9	3.7	2.6	6.1	6.8	11.2	13.2	13.9	8.2
Housing Units Served by Central Air-Condition Equipment									
One Housing Unit.....	64.2	3.6	2.6	6.1	6.5	10.8	13.1	13.4	8.0
Two or More Housing Units.....	1.7	Q	N	Q	Q	0.5	Q	0.5	Q
Do Not Have Central A/C Equipment.....	45.2	10.9	4.8	6.4	5.7	7.7	5.3	3.4	1.1
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005									
None.....	1.4	Q	Q	Q	Q	0.4	0.3	Q	Q
1.....	0.7	N	N	Q	Q	Q	Q	Q	Q
2.....	2.1	Q	Q	Q	Q	0.4	0.6	0.4	Q
3.....	7.5	0.5	0.3	0.6	0.6	1.5	2.1	1.3	0.6
4.....	7.9	0.5	0.3	0.5	0.7	1.5	1.6	2.1	0.6
5 or More.....	46.3	2.5	1.9	4.7	5.1	7.4	8.7	9.8	6.3
Proportion of Rooms Air-Conditioned									
None.....	1.4	Q	Q	Q	Q	0.4	0.3	Q	Q
Some, 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 Used by One Housing Unit									
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

Air Conditioning Characteristics	Housing Units (millions)	Year of Construction							
		Before 1940	1940 to 1949	1950 to 1959	1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2005
Used by Two or More Housing Units									
Less than 2 Years.....	Q	N	N	N	N	N	N	N	Q
2 to 4 Years.....	Q	N	N	N	N	N	Q	N	Q
5 to 9 Years.....	0.3	Q	N	N	Q	Q	N	Q	N
10 to 19 Years.....	0.3	N	N	N	Q	Q	Q	Q	N
20 Years or More.....	0.3	N	N	N	Q	Q	Q	N	N
Don't Know.....	0.7	Q	N	Q	Q	Q	Q	Q	Q
Household Pays for Electricity for Central Air-Conditioning									
Yes.....	63.6	3.7	2.6	5.9	6.3	10.9	12.6	13.5	8.1
No.....	2.3	Q	Q	Q	0.4	0.3	0.7	0.4	Q
Window/Wall Unit Air-Conditioning.....	28.9	7.3	3.2	4.5	3.7	4.8	3.0	1.9	0.7
Frequency Most-Used Unit Used									
Never.....	0.6	Q	Q	Q	Q	Q	Q	Q	Q
Only a Few Times When Needed.....	12.1	3.2	1.2	2.2	1.3	1.9	1.0	0.9	0.4
Quite a Bit.....	7.5	2.1	0.7	0.9	1.2	1.2	0.7	0.6	Q
All Summer.....	8.6	1.9	1.2	1.4	1.2	1.4	1.2	0.3	Q
Age of Most-Used Unit									
Less than 2 Years.....	6.4	1.7	0.7	1.1	0.6	1.1	0.7	0.3	0.2
2 to 4 Years.....	7.8	2.0	1.0	0.9	0.9	1.2	0.9	0.6	0.3
5 to 9 Years.....	7.0	1.8	0.7	1.3	1.1	1.0	0.5	0.6	Q
10 to 19 Years.....	3.7	1.0	0.5	0.7	0.4	0.4	0.5	Q	Q
20 Years or More.....	2.1	0.6	Q	0.3	0.4	0.5	Q	Q	N
Don't Know.....	1.8	0.3	Q	Q	0.2	0.5	0.3	Q	Q
Household Pays for Electricity for Window/Wall Air-Conditioners									
Yes.....	26.1	6.7	2.9	4.1	3.3	4.2	2.6	1.7	0.6
No.....	2.2	0.4	Q	0.3	0.4	0.4	0.3	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.

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