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 Coolling 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]	t								
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-Conditiong 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-condtioning 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.