

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

Air Conditioning Characteristics	Housing Units (millions)	Type of Housing Unit				
		Single-Family Units		Apartments in Buildings With--		Mobile Homes
		Detached	Attached	2 to 4 Units	5 or More Units	
Total	111.1	72.1	7.6	7.8	16.7	6.9
Do Not Have Cooling Equipment	17.8	10.9	1.5	1.5	2.8	1.2
Have Cooling Equipment	93.3	61.2	6.1	6.3	13.9	5.8
Use Cooling Equipment.....	91.4	60.3	6.0	6.1	13.5	5.5
Have Equipment But Do Not Use it.....	1.9	1.0	Q	0.2	0.4	Q
Air-Conditioning Equipment^{1, 2}						
Central System.....	65.9	47.5	4.0	2.8	7.9	3.7
Without a Heat Pump.....	53.5	37.8	3.4	2.2	7.0	3.1
With a Heat Pump.....	12.3	9.7	0.6	0.5	1.0	0.6
Window/Wall Units.....	28.9	14.9	2.3	3.5	6.0	2.1
1 Unit.....	14.5	6.6	1.0	1.6	4.2	1.2
2 Units.....	9.1	4.6	0.9	1.4	1.5	0.6
3 or More Units.....	5.4	3.7	0.5	0.5	0.3	0.3
Central Air-Conditioning	65.9	47.5	4.0	2.8	7.9	3.7
Housing Units Served by Central Air-Conditioning Equipment						
One Housing Unit.....	64.2	47.3	3.9	2.5	6.8	3.7
Two or More Housing Units.....	1.7	Q	Q	Q	1.1	Q
Do Not Have Central A/C Equipment.....	45.2	24.6	3.6	5.0	8.8	3.2
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005						
None.....	1.4	0.7	Q	Q	Q	Q
1.....	0.7	Q	N	Q	0.4	Q
2.....	2.1	1.0	Q	Q	0.7	0.2
3.....	7.5	3.8	0.7	0.6	2.0	0.4
4.....	7.9	2.8	0.8	0.6	2.6	1.0
5 or More.....	46.3	38.9	2.3	1.3	2.0	1.9
Proportion of Rooms Air-Conditioned						
None.....	1.4	0.7	Q	Q	Q	Q
Some, But Not All of the Rooms.....	8.4	6.7	0.7	Q	0.5	0.4
All of the Rooms.....	56.1	40.0	3.2	2.6	7.2	3.1
Frequency of Central Air-Conditioner Use						
Never.....	1.4	0.7	Q	Q	Q	Q
Only a Few Times When Needed.....	11.4	7.4	1.1	0.6	1.8	0.5
Quite a Bit.....	12.6	8.7	1.0	0.5	1.8	0.7
All Summer.....	40.5	30.7	1.8	1.6	4.1	2.3
Age of Central Air-Conditioner Used by One Housing Unit						
Less than 2 Years.....	9.0	7.3	0.6	Q	0.5	0.3
2 to 4 Years.....	11.0	8.4	0.6	0.4	0.9	0.7
5 to 9 Years.....	16.3	13.0	0.8	0.4	1.0	1.1
10 to 19 Years.....	16.8	12.7	1.1	0.5	1.5	1.0
20 Years or More.....	6.5	4.1	0.5	0.3	1.5	0.2
Don't Know.....	4.5	1.8	0.5	0.5	1.5	Q

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Air Conditioning Characteristics	Housing Units (millions)	Type of Housing Unit				
		Single-Family Units		Apartments in Buildings With--		Mobile Homes
		Detached	Attached	2 to 4 Units	5 or More Units	
Used by Two or More Housing Units						
Less than 2 Years.....	Q	N	N	N	Q	N
2 to 4 Years.....	Q	N	Q	N	Q	N
5 to 9 Years.....	0.3	Q	N	Q	Q	Q
10 to 19 Years.....	0.3	Q	N	N	Q	N
20 Years or More.....	0.3	Q	N	Q	Q	N
Don't Know.....	0.7	N	N	Q	Q	N
Household Pays for Electricity for Central Air-Conditioning						
Yes.....	63.6	47.1	3.9	2.6	6.4	3.6
No.....	2.3	0.3	Q	Q	1.6	Q
Window/Wall Unit Air-Conditioning.....	28.9	14.9	2.3	3.5	6.0	2.1
Frequency Most-Used Unit Used						
Never.....	0.6	0.3	N	Q	Q	Q
Only a Few Times When Needed.....	12.1	6.6	0.9	1.4	2.5	0.6
Quite a Bit.....	7.5	4.0	0.7	0.9	1.4	0.6
All Summer.....	8.6	4.0	0.8	1.0	1.9	0.9
Age of Most-Used Unit						
Less than 2 Years.....	6.4	3.1	0.5	1.2	1.4	0.3
2 to 4 Years.....	7.8	3.9	0.7	1.0	1.4	0.9
5 to 9 Years.....	7.0	4.1	0.6	0.7	1.2	0.4
10 to 19 Years.....	3.7	2.3	0.2	0.3	0.5	0.3
20 Years or More.....	2.1	1.0	Q	Q	0.7	Q
Don't Know.....	1.8	0.5	Q	0.2	0.8	Q
Household Pays for Electricity for Window/Wall Air-Conditioners						
Yes.....	26.1	14.3	2.2	3.3	4.4	1.9
No.....	2.2	0.3	Q	Q	1.5	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.

Table HC3.6 Air Conditioning Characteristics by Owner-Occupied Housing Units, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	U.S. Housing Units (millions)	Owner-Occupied Housing Units (millions)	Type of Owner-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Total	111.1	78.1	64.1	4.2	1.8	2.3	5.7
Do Not Have Cooling Equipment	17.8	11.3	9.3	0.6	Q	0.4	0.9
Have Cooling Equipment	93.3	66.8	54.7	3.6	1.7	1.9	4.8
Use Cooling Equipment.....	91.4	65.8	54.0	3.6	1.7	1.9	4.7
Have Equipment But Do Not Use it.....	1.9	1.1	0.8	Q	N	Q	Q
Air-Conditioning Equipment^{1, 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	2.6
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	0.9	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

Table HC3.6 Air Conditioning Characteristics by Owner-Occupied Housing Units, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	U.S. Housing Units (millions)	Owner-Occupied Housing Units (millions)	Type of Owner-Occupied Housing Unit				
			Single-Family Units		Apartments in Buildings With--		Mobile Homes
			Detached	Attached	2 to 4 Units	5 or More Units	
Used by Two or More Housing Units							
Less than 2 Years.....	Q	N	N	N	N	N	N
2 to 4 Years.....	Q	N	N	N	N	N	N
5 to 9 Years.....	0.3	Q	Q	N	N	Q	Q
10 to 19 Years.....	0.3	Q	Q	N	N	Q	N
20 Years or More.....	0.3	Q	Q	N	Q	N	N
Don't Know.....	0.7	N	N	N	N	N	N
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.....	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	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.

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

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

Air Conditioning Characteristics	U.S. 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	
Total	111.1	78.1	64.1	4.2	1.8	2.3	5.7
Do Not Have Cooling Equipment	17.8	11.3	9.3	0.6	Q	0.4	0.9
Have Cooling Equipment	93.3	66.8	54.7	3.6	1.7	1.9	4.8
Use Cooling Equipment.....	91.4	65.8	54.0	3.6	1.7	1.9	4.7
Have Equipment But Do Not Use it.....	1.9	1.1	0.8	Q	N	Q	Q
Air-Conditioning Equipment^{1, 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	2.6
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	0.9	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

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

Air Conditioning Characteristics	U.S. 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	
Used by Two or More Housing Units							
Less than 2 Years.....	Q	N	N	N	N	N	N
2 to 4 Years.....	Q	N	N	N	N	N	N
5 to 9 Years.....	0.3	Q	Q	N	N	Q	Q
10 to 19 Years.....	0.3	Q	Q	N	N	Q	N
20 Years or More.....	0.3	Q	Q	N	Q	N	N
Don't Know.....	0.7	N	N	N	N	N	N
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.....	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	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.

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

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}	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-Conditioning 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.

**Table HC6.6 Air Conditioning Characteristics by Number of Household Members, 2005
Million U.S. Housing Units**

Air Conditioning Characteristics	Housing Units (millions)	Number of Households With --				
		1 Member	2 Members	3 Members	4 Members	5 or More Members
Total	111.1	30.0	34.8	18.4	15.9	12.0
Do Not Have Cooling Equipment	17.8	5.4	5.3	2.7	2.5	2.0
Have Cooling Equipment	93.3	24.6	29.6	15.7	13.4	10.0
Use Cooling Equipment.....	91.4	24.0	29.1	15.5	13.2	9.7
Have Equipment But Do Not Use it.....	1.9	0.6	0.5	Q	0.2	0.4
Air-Conditioning Equipment^{1, 2}						
Central System.....	65.9	15.3	22.6	10.7	9.9	7.3
Without a Heat Pump.....	53.5	12.5	17.9	8.7	8.2	6.3
With a Heat Pump.....	12.3	2.7	4.8	2.0	1.8	1.0
Window/Wall Units.....	28.9	9.5	7.4	5.3	3.7	2.9
1 Unit.....	14.5	6.5	3.7	2.0	1.3	1.0
2 Units.....	9.1	2.2	2.5	1.8	1.5	1.1
3 or More Units.....	5.4	0.9	1.2	1.5	1.0	0.8
Central Air-Conditioning	65.9	15.3	22.6	10.7	9.9	7.3
Housing Units Served by Central Air-Conditioning Equipment						
One Housing Unit.....	64.2	14.7	22.1	10.4	9.7	7.2
Two or More Housing Units.....	1.7	0.6	0.5	0.3	Q	Q
Do Not Have Central A/C Equipment.....	45.2	14.8	12.2	7.7	5.9	4.7
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005						
None.....	1.4	0.4	0.3	Q	Q	0.3
1.....	0.7	0.4	Q	Q	Q	Q
2.....	2.1	0.8	0.9	0.3	Q	Q
3.....	7.5	3.5	2.5	0.6	0.7	0.2
4.....	7.9	2.3	2.5	1.3	1.1	0.6
5 or More.....	46.3	8.0	16.2	8.2	7.9	6.0
Proportion of Rooms Air-Conditioned						
None.....	1.4	0.4	0.3	Q	Q	0.3
Some, But Not All of the Rooms.....	8.4	2.3	3.3	1.5	0.9	0.6
All of the Rooms.....	56.1	12.6	19.1	9.0	8.9	6.4
Frequency of Central Air-Conditioner Use						
Never.....	1.4	0.4	0.3	Q	Q	0.3
Only a Few Times When Needed.....	11.4	3.5	3.4	1.6	1.6	1.2
Quite a Bit.....	12.6	2.9	4.5	2.0	2.0	1.2
All Summer.....	40.5	8.5	14.4	6.9	6.2	4.5
Age of Central Air-Conditioner Used by One Housing Unit						
Less than 2 Years.....	9.0	1.7	3.1	1.7	1.5	1.1
2 to 4 Years.....	11.0	2.0	3.9	2.1	1.6	1.3
5 to 9 Years.....	16.3	3.0	5.7	2.8	2.8	2.0
10 to 19 Years.....	16.8	4.2	6.1	2.4	2.6	1.5
20 Years or More.....	6.5	2.1	2.4	0.7	0.6	0.7
Don't Know.....	4.5	1.7	1.0	0.7	0.5	0.6

**Table HC6.6 Air Conditioning Characteristics by Number of Household Members, 2005
Million U.S. Housing Units**

Air Conditioning Characteristics	Housing Units (millions)	Number of Households With --				
		1 Member	2 Members	3 Members	4 Members	5 or More Members
Used by Two or More Housing Units						
Less than 2 Years.....	Q	Q	Q	N	N	N
2 to 4 Years.....	Q	N	N	Q	Q	N
5 to 9 Years.....	0.3	Q	Q	Q	Q	N
10 to 19 Years.....	0.3	Q	Q	Q	N	Q
20 Years or More.....	0.3	Q	Q	Q	Q	N
Don't Know.....	0.7	Q	0.3	Q	Q	Q
Household Pays for Electricity for Central Air-Conditioning						
Yes.....	63.6	14.3	22.0	10.5	9.7	7.1
No.....	2.3	1.0	0.6	Q	0.2	Q
Window/Wall Unit Air-Conditioning.....	28.9	9.5	7.4	5.3	3.7	2.9
Frequency Most-Used Unit Used						
Never.....	0.6	Q	0.2	Q	Q	Q
Only a Few Times When Needed.....	12.1	4.6	3.1	1.7	1.5	1.1
Quite a Bit.....	7.5	2.4	1.9	1.6	0.8	0.8
All Summer.....	8.6	2.3	2.1	1.9	1.3	0.9
Age of Most-Used Unit						
Less than 2 Years.....	6.4	1.6	1.8	1.2	0.9	0.9
2 to 4 Years.....	7.8	2.4	2.2	1.3	1.1	0.9
5 to 9 Years.....	7.0	2.2	1.8	1.6	0.9	0.5
10 to 19 Years.....	3.7	1.5	0.9	0.7	0.3	0.3
20 Years or More.....	2.1	1.2	0.3	0.2	0.2	Q
Don't Know.....	1.8	0.5	0.4	0.3	0.2	0.3
Household Pays for Electricity for Window/Wall Air-Conditioners						
Yes.....	26.1	8.2	6.8	5.0	3.4	2.7
No.....	2.2	1.1	0.4	0.3	0.3	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.

Table HC7.6 Air Conditioning Characteristics by Household Income, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	Housing Units (millions)	2005 Household Income					Below Poverty Line	Eligible for Federal Assistance ¹
		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
Total	111.1	26.7	28.8	20.6	13.1	22.0	16.6	38.6
Do Not Have Cooling Equipment	17.8	5.3	4.7	2.8	1.9	3.1	3.6	7.5
Have Cooling Equipment	93.3	21.5	24.1	17.8	11.2	18.8	13.0	31.1
Use Cooling Equipment.....	91.4	21.0	23.5	17.4	11.0	18.6	12.6	30.3
Have Equipment But Do Not Use it.....	1.9	0.5	0.6	0.4	Q	Q	0.5	0.8
Air-Conditioning Equipment^{1, 2}								
Central System.....	65.9	11.0	16.5	13.5	8.7	16.1	6.4	17.2
Without a Heat Pump.....	53.5	9.4	13.6	10.7	7.1	12.7	5.4	14.5
With a Heat Pump.....	12.3	1.7	2.8	2.8	1.6	3.4	1.0	2.7
Window/Wall Units.....	28.9	10.5	8.1	4.5	2.7	3.1	6.7	14.1
1 Unit.....	14.5	5.8	4.3	2.0	1.1	1.3	3.4	7.4
2 Units.....	9.1	3.2	2.4	1.5	0.9	1.1	2.3	4.4
3 or More Units.....	5.4	1.6	1.4	1.0	0.7	0.8	1.1	2.4
Central Air-Conditioning	65.9	11.0	16.5	13.5	8.7	16.1	6.4	17.2
Housing Units Served by Central Air-Conditioning Equipment								
One Housing Unit.....	64.2	10.5	15.8	13.2	8.5	16.0	6.1	16.4
Two or More Housing Units.....	1.7	0.5	0.6	Q	Q	Q	0.3	0.8
Do Not Have Central A/C Equipment.....	45.2	15.7	12.3	7.0	4.4	5.8	10.2	21.4
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005								
None.....	1.4	0.4	0.4	0.3	Q	Q	0.5	0.6
1.....	0.7	Q	Q	Q	Q	Q	Q	Q
2.....	2.1	0.5	0.8	0.5	Q	Q	0.4	0.7
3.....	7.5	2.2	1.7	1.4	0.9	1.3	1.3	2.5
4.....	7.9	2.2	2.5	1.2	0.6	1.3	1.2	3.1
5 or More.....	46.3	5.5	11.0	9.9	6.8	13.2	2.9	10.1
Proportion of Rooms Air-Conditioned								
None.....	1.4	0.4	0.4	0.3	Q	Q	0.5	0.6
Some, But Not All of the Rooms.....	8.4	1.4	1.9	1.6	1.0	2.5	0.9	1.9
All of the Rooms.....	56.1	9.2	14.2	11.6	7.5	13.5	5.0	14.7
Frequency of Central Air-Conditioner Use								
Never.....	1.4	0.4	0.4	0.3	Q	Q	0.5	0.6
Only a Few Times When Needed.....	11.4	2.4	2.9	2.0	1.5	2.6	1.2	3.6
Quite a Bit.....	12.6	1.8	3.4	2.3	2.0	3.1	1.1	3.1
All Summer.....	40.5	6.5	9.8	8.9	5.0	10.3	3.6	9.9
Age of Central Air-Conditioner Used by One Housing Unit								
Less than 2 Years.....	9.0	1.3	2.0	1.6	1.2	2.9	0.8	2.1
2 to 4 Years.....	11.0	1.7	2.6	2.6	1.4	2.7	1.0	2.7
5 to 9 Years.....	16.3	2.0	4.2	3.1	2.5	4.4	1.0	3.4
10 to 19 Years.....	16.8	2.3	3.9	3.8	2.4	4.3	1.3	3.8
20 Years or More.....	6.5	1.7	1.8	1.4	0.6	1.1	1.0	2.3
Don't Know.....	4.5	1.5	1.4	0.7	0.3	0.6	0.9	2.2

Table HC7.6 Air Conditioning Characteristics by Household Income, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	Housing Units (millions)	2005 Household Income					Below Poverty Line	Eligible for Federal Assistance ¹
		Less than \$20,000	\$20,000 to \$39,999	\$40,000 to \$59,999	\$60,000 to \$79,999	\$80,000 or More		
Used by Two or More Housing Units								
Less than 2 Years.....	Q	Q	N	Q	N	N	Q	Q
2 to 4 Years.....	Q	N	Q	Q	N	N	N	Q
5 to 9 Years.....	0.3	Q	Q	Q	Q	Q	Q	Q
10 to 19 Years.....	0.3	Q	Q	N	Q	Q	Q	Q
20 Years or More.....	0.3	Q	Q	Q	Q	N	Q	Q
Don't Know.....	0.7	Q	Q	Q	Q	Q	Q	Q
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	0.8	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.

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.

Table HC8.6 Air Conditioning Characteristics by Urban/Rural Location, 2005
Million U.S. Housing Units

Housing Unit Characteristics	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
Total	111.1	47.1	19.0	22.7	22.3
Do Not Have Cooling Equipment	17.8	8.5	2.7	2.6	4.0
Have Cooling Equipment	93.3	38.6	16.2	20.1	18.4
Use Cooling Equipment.....	91.4	37.8	15.9	19.8	18.0
Have Equipment But Do Not Use it.....	1.9	0.9	0.3	0.3	0.4
Air-Conditioning Equipment^{1, 2}					
Central System.....	65.9	25.8	10.9	16.6	12.5
Without a Heat Pump.....	53.5	21.2	9.7	13.7	8.9
With a Heat Pump.....	12.3	4.6	1.2	2.8	3.6
Window/Wall Units.....	28.9	13.4	5.6	3.9	6.1
1 Unit.....	14.5	6.8	2.3	2.0	3.3
2 Units.....	9.1	4.1	1.9	1.2	1.9
3 or More Units.....	5.4	2.4	1.4	0.7	0.9
Central Air-Conditioning	65.9	25.8	10.9	16.6	12.5
Housing Units Served by Central Air-Conditioning Equipment					
One Housing Unit.....	64.2	24.9	10.7	16.1	12.5
Two or More Housing Units.....	1.7	0.9	Q	0.5	Q
Do Not Have Central A/C Equipment.....	45.2	21.3	8.0	6.1	9.8
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005					
None.....	1.4	0.7	Q	Q	Q
1.....	0.7	0.3	Q	Q	Q
2.....	2.1	0.7	0.4	0.5	0.4
3.....	7.5	3.7	1.2	1.6	1.1
4.....	7.9	3.6	1.6	1.4	1.2
5 or More.....	46.3	16.8	7.4	12.6	9.6
Proportion of Rooms Air-Conditioned					
None.....	1.4	0.7	Q	Q	Q
Some, But Not All of the Rooms.....	8.4	3.0	1.3	2.4	1.7
All of the Rooms.....	56.1	22.2	9.5	13.9	10.5
Frequency of Central Air-Conditioner Use					
Never.....	1.4	0.7	Q	Q	Q
Only a Few Times When Needed.....	11.4	4.9	1.8	2.9	1.8
Quite a Bit.....	12.6	4.9	2.1	3.1	2.5
All Summer.....	40.5	15.3	6.8	10.3	8.0
Age of Central Air-Conditioner Used by One Housing Unit					
Less than 2 Years.....	9.0	3.4	1.4	2.4	1.8
2 to 4 Years.....	11.0	4.0	2.1	2.8	2.2
5 to 9 Years.....	16.3	5.9	2.7	3.8	3.9
10 to 19 Years.....	16.8	6.1	2.6	4.9	3.2
20 Years or More.....	6.5	3.1	1.2	1.4	0.8
Don't Know.....	4.5	2.5	0.7	0.8	0.4

Table HC8.6 Air Conditioning Characteristics by Urban/Rural Location, 2005
Million U.S. Housing Units

Housing Unit Characteristics	Housing Units (millions)	Urban/Rural Location (as Self-Reported)			
		City	Town	Suburbs	Rural
Used by Two or More Housing Units					
Less than 2 Years.....	Q	Q	N	N	N
2 to 4 Years.....	Q	Q	Q	N	N
5 to 9 Years.....	0.3	Q	Q	Q	Q
10 to 19 Years.....	0.3	Q	Q	Q	Q
20 Years or More.....	0.3	Q	N	Q	N
Don't Know.....	0.7	0.4	Q	Q	N
Household Pays for Electricity for Central Air-Conditioning					
Yes.....	63.6	24.7	10.4	16.1	12.4
No.....	2.3	1.1	0.5	Q	Q
Window/Wall Unit Air-Conditioning.....	28.9	13.4	5.6	3.9	6.1
Frequency Most-Used Unit Used					
Never.....	0.6	0.3	Q	Q	Q
Only a Few Times When Needed.....	12.1	5.8	2.2	1.7	2.4
Quite a Bit.....	7.5	3.2	1.7	1.1	1.6
All Summer.....	8.6	4.1	1.5	1.0	2.0
Age of Most-Used Unit					
Less than 2 Years.....	6.4	3.5	1.0	0.9	1.0
2 to 4 Years.....	7.8	3.4	1.7	1.0	1.8
5 to 9 Years.....	7.0	2.8	1.3	1.1	1.9
10 to 19 Years.....	3.7	1.6	0.7	0.5	0.8
20 Years or More.....	2.1	1.1	0.5	Q	0.3
Don't Know.....	1.8	1.0	0.4	Q	0.3
Household Pays for Electricity for Window/Wall Air-Conditioners					
Yes.....	26.1	11.6	5.1	3.6	5.8
No.....	2.2	1.4	0.4	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.

Table HC9.6 Air Conditioning Characteristics by Climate Zone, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	Housing Units (millions)	Climate Zone ¹				
		Less than 2,000 CDD and --				2,000 CDD or More and Less than 4,000 HDD
		Greater than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Less than 4,000 HDD	
Total	111.1	10.9	26.1	27.3	24.0	22.8
Do Not Have Cooling Equipment	17.8	3.2	4.7	3.6	5.5	0.9
Have Cooling Equipment	93.3	7.7	21.4	23.7	18.5	21.9
Use Cooling Equipment.....	91.4	7.6	21.0	23.4	17.9	21.7
Have Equipment But Do Not Use it.....	1.9	Q	0.4	0.4	0.6	0.3
Air-Conditioning Equipment^{2, 3}						
Central System.....	65.9	4.8	12.3	15.1	14.9	18.7
Without a Heat Pump.....	53.5	4.7	11.5	11.6	12.3	13.6
With a Heat Pump.....	12.3	Q	0.9	3.5	2.7	5.2
Window/Wall Units.....	28.9	3.1	9.3	8.8	4.0	3.7
1 Unit.....	14.5	2.1	5.0	3.6	2.4	1.4
2 Units.....	9.1	0.7	2.9	3.3	1.0	1.2
3 or More Units.....	5.4	0.3	1.5	1.9	0.6	1.1
Central Air-Conditioning	65.9	4.8	12.3	15.1	14.9	18.7
Housing Units Served by Central Air-Conditioning Equipment						
One Housing Unit.....	64.2	4.7	11.9	14.5	14.7	18.3
Two or More Housing Units.....	1.7	Q	0.4	Q	Q	0.4
Do Not Have Central A/C Equipment.....	45.2	6.2	13.7	12.2	9.0	4.1
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005						
None.....	1.4	Q	0.3	Q	0.6	0.2
1.....	0.7	N	Q	Q	Q	Q
2.....	2.1	Q	0.5	0.4	0.5	0.5
3.....	7.5	0.4	1.4	1.3	2.0	2.4
4.....	7.9	0.4	1.2	1.8	1.9	2.6
5 or More.....	46.3	3.7	8.9	11.2	9.9	12.7
Proportion of Rooms Air-Conditioned						
None.....	1.4	Q	0.3	Q	0.6	0.2
Some, But Not All of the Rooms.....	8.4	0.7	1.8	1.6	2.4	1.9
All of the Rooms.....	56.1	4.0	10.2	13.2	12.0	16.6
Frequency of Central Air-Conditioner Use						
Never.....	1.4	Q	0.3	Q	0.6	0.2
Only a Few Times When Needed.....	11.4	1.7	3.1	2.3	3.5	0.9
Quite a Bit.....	12.6	1.6	3.3	2.8	2.9	2.0
All Summer.....	40.5	1.4	5.6	9.8	8.0	15.6
Age of Central Air-Conditioner Used by One Housing Unit						
Less than 2 Years.....	9.0	0.7	1.7	2.0	1.9	2.8
2 to 4 Years.....	11.0	0.8	2.2	2.2	2.2	3.7
5 to 9 Years.....	16.3	1.4	3.3	3.4	3.8	4.4
10 to 19 Years.....	16.8	1.4	2.9	4.2	4.4	3.9
20 Years or More.....	6.5	0.3	0.9	1.7	1.6	2.0
Don't Know.....	4.5	Q	1.0	0.9	0.8	1.5

Table HC9.6 Air Conditioning Characteristics by Climate Zone, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	Housing Units (millions)	Climate Zone ¹				
		Less than 2,000 CDD and --				2,000 CDD or More and Less than 4,000 HDD
		Greater than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Less than 4,000 HDD	
Used by Two or More Housing Units						
Less than 2 Years.....	Q	Q	N	N	N	Q
2 to 4 Years.....	Q	N	N	Q	N	Q
5 to 9 Years.....	0.3	Q	Q	Q	Q	N
10 to 19 Years.....	0.3	Q	Q	Q	Q	Q
20 Years or More.....	0.3	N	Q	Q	Q	Q
Don't Know.....	0.7	N	Q	Q	Q	Q
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.

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

Table HC10.6 Air Conditioning Characteristics by U.S. Census Region, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Total	111.1	20.6	25.6	40.7	24.2
Do Not Have Cooling Equipment	17.8	4.0	2.1	1.4	10.3
Have Cooling Equipment	93.3	16.5	23.5	39.3	13.9
Use Cooling Equipment.....	91.4	16.3	23.4	38.9	12.9
Have Equipment But Do Not Use it.....	1.9	0.3	Q	0.5	1.0
Air-Conditioning Equipment^{1, 2}					
Central System.....	65.9	6.0	17.3	32.1	10.5
Without a Heat Pump.....	53.5	5.5	16.2	23.2	8.7
With a Heat Pump.....	12.3	0.5	1.1	9.0	1.7
Window/Wall Units.....	28.9	10.7	6.6	8.0	3.6
1 Unit.....	14.5	4.3	4.1	3.1	2.9
2 Units.....	9.1	4.1	1.8	2.8	0.4
3 or More Units.....	5.4	2.3	0.7	2.1	0.3
Central Air-Conditioning	65.9	6.0	17.3	32.1	10.5
Housing Units Served by Central Air-Conditioning Equipment					
One Housing Unit.....	64.2	5.8	16.9	31.1	10.3
Two or More Housing Units.....	1.7	Q	0.4	1.0	Q
Do Not Have Central A/C Equipment.....	45.2	14.6	8.3	8.6	13.7
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005					
None.....	1.4	Q	Q	0.4	0.8
1.....	0.7	Q	Q	0.4	Q
2.....	2.1	0.3	0.4	0.8	0.6
3.....	7.5	0.3	1.9	3.9	1.4
4.....	7.9	0.7	1.5	4.6	1.0
5 or More.....	46.3	4.5	13.2	22.0	6.7
Proportion of Rooms Air-Conditioned					
None.....	1.4	Q	Q	0.4	0.8
Some, But Not All of the Rooms.....	8.4	0.7	2.3	3.6	1.9
All of the Rooms.....	56.1	5.2	14.9	28.2	7.8
Frequency of Central Air-Conditioner Use					
Never.....	1.4	Q	Q	0.4	0.8
Only a Few Times When Needed.....	11.4	1.6	3.9	2.5	3.4
Quite a Bit.....	12.6	1.2	4.5	4.5	2.4
All Summer.....	40.5	3.0	8.8	24.8	3.9
Age of Central Air-Conditioner Used by One Housing Unit					
Less than 2 Years.....	9.0	1.0	2.0	4.3	1.8
2 to 4 Years.....	11.0	0.9	2.7	5.7	1.7
5 to 9 Years.....	16.3	1.3	4.7	8.0	2.3
10 to 19 Years.....	16.8	1.6	4.7	7.8	2.7
20 Years or More.....	6.5	0.7	1.5	3.1	1.3
Don't Know.....	4.5	0.3	1.3	2.3	0.6

Table HC10.6 Air Conditioning Characteristics by U.S. Census Region, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	Housing Units (millions)	U.S. Census Region			
		Northeast	Midwest	South	West
Used by Two or More Housing Units					
Less than 2 Years.....	Q	N	Q	Q	N
2 to 4 Years.....	Q	Q	N	Q	N
5 to 9 Years.....	0.3	Q	Q	Q	N
10 to 19 Years.....	0.3	N	Q	Q	Q
20 Years or More.....	0.3	Q	Q	Q	Q
Don't Know.....	0.7	Q	Q	Q	Q
Household Pays for Electricity for Central Air-Conditioning					
Yes.....	63.6	5.7	16.9	30.8	10.2
No.....	2.3	Q	0.4	1.4	0.3
Window/Wall Unit Air-Conditioning.....	28.9	10.7	6.6	8.0	3.6
Frequency Most-Used Unit Used					
Never.....	0.6	Q	Q	Q	Q
Only a Few Times When Needed.....	12.1	4.9	3.1	2.1	2.0
Quite a Bit.....	7.5	3.0	1.6	2.2	0.7
All Summer.....	8.6	2.6	1.8	3.6	0.7
Age of Most-Used Unit					
Less than 2 Years.....	6.4	2.5	1.3	1.7	0.9
2 to 4 Years.....	7.8	3.1	1.7	2.1	0.9
5 to 9 Years.....	7.0	2.7	1.5	2.1	0.7
10 to 19 Years.....	3.7	1.4	0.8	1.1	0.4
20 Years or More.....	2.1	0.7	0.5	0.5	0.4
Don't Know.....	1.8	0.3	0.7	0.4	0.3
Household Pays for Electricity for Window/Wall Air-Conditioners					
Yes.....	26.1	9.6	6.0	7.4	3.1
No.....	2.2	1.0	0.5	0.4	0.3

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.

Table HC11.6 Air Conditioning Characteristics by Northeast Census Region, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	U.S. Housing Units (millions)	Northeast Census Region		
		Total Northeast	Census Division	
			Middle Atlantic	New England
Total	111.1	20.6	15.1	5.5
Do Not Have Cooling Equipment	17.8	4.0	2.4	1.7
Have Cooling Equipment	93.3	16.5	12.8	3.8
Use Cooling Equipment.....	91.4	16.3	12.6	3.7
Have Equipment But Do Not Use it.....	1.9	0.3	Q	Q
Air-Conditioning Equipment^{1, 2}				
Central System.....	65.9	6.0	5.2	0.8
Without a Heat Pump.....	53.5	5.5	4.8	0.7
With a Heat Pump.....	12.3	0.5	0.4	Q
Window/Wall Units.....	28.9	10.7	7.6	3.1
1 Unit.....	14.5	4.3	2.9	1.4
2 Units.....	9.1	4.1	3.1	1.1
3 or More Units.....	5.4	2.3	1.7	0.6
Central Air-Conditioning	65.9	6.0	5.2	0.8
Housing Units Served by Central Air-Conditioning Equipment				
One Housing Unit.....	64.2	5.8	5.1	0.7
Two or More Housing Units.....	1.7	Q	Q	Q
Do Not Have Central A/C Equipment.....	45.2	14.6	9.9	4.7
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005				
None.....	1.4	Q	Q	Q
1.....	0.7	Q	Q	N
2.....	2.1	0.3	0.3	Q
3.....	7.5	0.3	0.3	Q
4.....	7.9	0.7	Q	0.2
5 or More.....	46.3	4.5	3.9	0.5
Proportion of Rooms Air-Conditioned				
None.....	1.4	Q	Q	Q
Some, But Not All of the Rooms.....	8.4	0.7	0.6	Q
All of the Rooms.....	56.1	5.2	4.5	0.6
Frequency of Central Air-Conditioner Use				
Never.....	1.4	Q	Q	Q
Only a Few Times When Needed.....	11.4	1.6	1.4	0.3
Quite a Bit.....	12.6	1.2	1.1	0.1
All Summer.....	40.5	3.0	2.6	0.3
Age of Central Air-Conditioner Used by One Housing Unit				
Less than 2 Years.....	9.0	1.0	0.9	Q
2 to 4 Years.....	11.0	0.9	0.8	Q
5 to 9 Years.....	16.3	1.3	1.1	0.2
10 to 19 Years.....	16.8	1.6	1.4	0.2
20 Years or More.....	6.5	0.7	0.7	Q
Don't Know.....	4.5	0.3	Q	Q

Table HC11.6 Air Conditioning Characteristics by Northeast Census Region, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	U.S. Housing Units (millions)	Northeast Census Region		
		Total Northeast	Census Division	
			Middle Atlantic	New England
Used by Two or More Housing Units				
Less than 2 Years.....	Q	N	N	N
2 to 4 Years.....	Q	Q	Q	N
5 to 9 Years.....	0.3	Q	Q	Q
10 to 19 Years.....	0.3	N	N	N
20 Years or More.....	0.3	Q	Q	N
Don't Know.....	0.7	Q	N	Q
Household Pays for Electricity for Central Air-Conditioning				
Yes.....	63.6	5.7	5.0	0.8
No.....	2.3	Q	Q	N
Window/Wall Unit Air-Conditioning.....	28.9	10.7	7.6	3.1
Frequency Most-Used Unit Used				
Never.....	0.6	Q	Q	Q
Only a Few Times When Needed.....	12.1	4.9	3.4	1.5
Quite a Bit.....	7.5	3.0	2.2	0.8
All Summer.....	8.6	2.6	1.9	0.7
Age of Most-Used Unit				
Less than 2 Years.....	6.4	2.5	1.7	0.8
2 to 4 Years.....	7.8	3.1	2.2	1.0
5 to 9 Years.....	7.0	2.7	2.1	0.6
10 to 19 Years.....	3.7	1.4	1.0	0.4
20 Years or More.....	2.1	0.7	0.5	0.2
Don't Know.....	1.8	0.3	0.2	0.1
Household Pays for Electricity for Window/Wall Air-Conditioners				
Yes.....	26.1	9.6	6.7	2.8
No.....	2.2	1.0	0.8	0.2

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.

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

Air Conditioning Characteristics	U.S. Housing Units (millions)	Midwest Census Region		
		Total Midwest	Census Division	
			East North Central	West North Central
Total	111.1	25.6	17.7	7.9
Do Not Have Cooling Equipment	17.8	2.1	1.8	0.3
Have Cooling Equipment	93.3	23.5	16.0	7.5
Use Cooling Equipment.....	91.4	23.4	15.9	7.5
Have Equipment But Do Not Use it.....	1.9	Q	Q	Q
Air-Conditioning Equipment^{1, 2}				
Central System.....	65.9	17.3	11.3	6.0
Without a Heat Pump.....	53.5	16.2	10.6	5.6
With a Heat Pump.....	12.3	1.1	0.8	0.4
Window/Wall Units.....	28.9	6.6	4.9	1.7
1 Unit.....	14.5	4.1	2.9	1.2
2 Units.....	9.1	1.8	1.4	0.3
3 or More Units.....	5.4	0.7	0.5	Q
Central Air-Conditioning	65.9	17.3	11.3	6.0
Housing Units Served by Central Air-Conditioning Equipment				
One Housing Unit.....	64.2	16.9	11.0	5.9
Two or More Housing Units.....	1.7	0.4	Q	Q
Do Not Have Central A/C Equipment.....	45.2	8.3	6.4	1.9
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005				
None.....	1.4	Q	Q	Q
1.....	0.7	Q	Q	N
2.....	2.1	0.4	0.3	Q
3.....	7.5	1.9	1.3	0.6
4.....	7.9	1.5	1.0	0.5
5 or More.....	46.3	13.2	8.6	4.6
Proportion of Rooms Air-Conditioned				
None.....	1.4	Q	Q	Q
Some, But Not All of the Rooms.....	8.4	2.3	1.6	0.7
All of the Rooms.....	56.1	14.9	9.7	5.2
Frequency of Central Air-Conditioner Use				
Never.....	1.4	Q	Q	Q
Only a Few Times When Needed.....	11.4	3.9	2.8	1.1
Quite a Bit.....	12.6	4.5	3.1	1.4
All Summer.....	40.5	8.8	5.4	3.4
Age of Central Air-Conditioner Used by One Housing Unit				
Less than 2 Years.....	9.0	2.0	1.3	0.7
2 to 4 Years.....	11.0	2.7	1.7	1.0
5 to 9 Years.....	16.3	4.7	3.3	1.4
10 to 19 Years.....	16.8	4.7	3.1	1.7
20 Years or More.....	6.5	1.5	1.0	0.5
Don't Know.....	4.5	1.3	0.7	0.6
Used by Two or More Housing Units				

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

Air Conditioning Characteristics	U.S. Housing Units (millions)	Midwest Census Region		
		Total Midwest	Census Division	
			East North Central	West North Central
Less than 2 Years.....	Q	Q	N	Q
2 to 4 Years.....	Q	N	N	N
5 to 9 Years.....	0.3	Q	Q	Q
10 to 19 Years.....	0.3	Q	Q	N
20 Years or More.....	0.3	Q	Q	N
Don't Know.....	0.7	Q	Q	Q
Household Pays for Electricity for Central Air-Conditioning				
Yes.....	63.6	16.9	11.0	5.8
No.....	2.3	0.4	Q	Q
Window/Wall Unit Air-Conditioning.....	28.9	6.6	4.9	1.7
Frequency Most-Used Unit Used				
Never.....	0.6	Q	Q	N
Only a Few Times When Needed.....	12.1	3.1	2.4	0.7
Quite a Bit.....	7.5	1.6	1.2	0.4
All Summer.....	8.6	1.8	1.2	0.6
Age of Most-Used Unit				
Less than 2 Years.....	6.4	1.3	0.9	0.5
2 to 4 Years.....	7.8	1.7	1.3	0.3
5 to 9 Years.....	7.0	1.5	1.2	0.4
10 to 19 Years.....	3.7	0.8	0.7	Q
20 Years or More.....	2.1	0.5	0.4	Q
Don't Know.....	1.8	0.7	0.5	0.2
Household Pays for Electricity for Window/Wall Air-Conditioners				
Yes.....	26.1	6.0	4.5	1.5
No.....	2.2	0.5	0.3	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.

Table HC13.6 Air Conditioning Characteristics by South Census Region, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	U.S. Housing Units (millions)	South Census Region			
		Total South	Census Division		
			South Atlantic	East South Central	West South Central
Total	111.1	40.7	21.7	6.9	12.1
Do Not Have Cooling Equipment	17.8	1.4	0.8	0.2	0.3
Have Cooling Equipment	93.3	39.3	20.9	6.7	11.8
Use Cooling Equipment.....	91.4	38.9	20.7	6.6	11.7
Have Equipment But Do Not Use it.....	1.9	0.5	Q	Q	Q
Air-Conditioning Equipment^{1, 2}					
Central System.....	65.9	32.1	17.6	5.2	9.3
Without a Heat Pump.....	53.5	23.2	10.9	3.8	8.4
With a Heat Pump.....	12.3	9.0	6.7	1.4	0.9
Window/Wall Units.....	28.9	8.0	3.4	1.7	2.9
1 Unit.....	14.5	3.1	1.4	0.8	0.9
2 Units.....	9.1	2.8	1.1	0.7	1.0
3 or More Units.....	5.4	2.1	0.9	0.2	1.0
Central Air-Conditioning	65.9	32.1	17.6	5.2	9.3
Housing Units Served by Central Air-Conditioning Equipment					
One Housing Unit.....	64.2	31.1	16.9	5.2	9.1
Two or More Housing Units.....	1.7	1.0	0.7	Q	Q
Do Not Have Central A/C Equipment.....	45.2	8.6	4.1	1.7	2.8
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005					
None.....	1.4	0.4	Q	Q	Q
1.....	0.7	0.4	Q	N	Q
2.....	2.1	0.8	Q	Q	0.4
3.....	7.5	3.9	2.1	0.5	1.3
4.....	7.9	4.6	2.8	0.9	0.9
5 or More.....	46.3	22.0	12.0	3.5	6.5
Proportion of Rooms Air-Conditioned					
None.....	1.4	0.4	Q	Q	Q
Some, But Not All of the Rooms.....	8.4	3.6	1.8	0.7	1.0
All of the Rooms.....	56.1	28.2	15.6	4.4	8.2
Frequency of Central Air-Conditioner Use					
Never.....	1.4	0.4	Q	Q	Q
Only a Few Times When Needed.....	11.4	2.5	1.6	0.4	0.5
Quite a Bit.....	12.6	4.5	2.5	0.8	1.2
All Summer.....	40.5	24.8	13.4	3.8	7.6
Age of Central Air-Conditioner Used by One Housing Unit					
Less than 2 Years.....	9.0	4.3	2.2	0.7	1.3
2 to 4 Years.....	11.0	5.7	2.8	0.9	2.0
5 to 9 Years.....	16.3	8.0	5.0	1.4	1.6
10 to 19 Years.....	16.8	7.8	4.5	1.4	2.0
20 Years or More.....	6.5	3.1	1.3	0.5	1.3
Don't Know.....	4.5	2.3	1.0	0.3	0.9

Table HC13.6 Air Conditioning Characteristics by South Census Region, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	U.S. Housing Units (millions)	South Census Region			
		Total South	Census Division		
			South Atlantic	East South Central	West South Central
Used by Two or More Housing Units					
Less than 2 Years.....	Q	Q	Q	N	N
2 to 4 Years.....	Q	Q	N	N	Q
5 to 9 Years.....	0.3	Q	Q	N	N
10 to 19 Years.....	0.3	Q	Q	Q	Q
20 Years or More.....	0.3	Q	Q	N	Q
Don't Know.....	0.7	Q	Q	N	Q
Household Pays for Electricity for Central Air-Conditioning					
Yes.....	63.6	30.8	16.7	5.1	9.0
No.....	2.3	1.4	0.9	Q	0.4
Window/Wall Unit Air-Conditioning.....	28.9	8.0	3.4	1.7	2.9
Frequency Most-Used Unit Used					
Never.....	0.6	Q	Q	Q	Q
Only a Few Times When Needed.....	12.1	2.1	1.0	0.5	0.6
Quite a Bit.....	7.5	2.2	1.1	0.5	0.6
All Summer.....	8.6	3.6	1.2	0.8	1.5
Age of Most-Used Unit					
Less than 2 Years.....	6.4	1.7	0.7	0.3	0.6
2 to 4 Years.....	7.8	2.1	1.0	Q	0.9
5 to 9 Years.....	7.0	2.1	0.7	0.6	0.8
10 to 19 Years.....	3.7	1.1	0.4	0.4	0.3
20 Years or More.....	2.1	0.5	Q	Q	Q
Don't Know.....	1.8	0.4	Q	Q	Q
Household Pays for Electricity for Window/Wall Air-Conditioners					
Yes.....	26.1	7.4	3.2	1.6	2.6
No.....	2.2	0.4	Q	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.

Table HC14.6 Air Conditioning Characteristics by West Census Region, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
Total	111.1	24.2	7.6	16.6
Do Not Have Cooling Equipment	17.8	10.3	3.1	7.3
Have Cooling Equipment	93.3	13.9	4.5	9.4
Use Cooling Equipment.....	91.4	12.9	4.3	8.5
Have Equipment But Do Not Use it.....	1.9	1.0	Q	0.8
Air-Conditioning Equipment^{1, 2}				
Central System.....	65.9	10.5	3.9	6.5
Without a Heat Pump.....	53.5	8.7	3.2	5.5
With a Heat Pump.....	12.3	1.7	0.7	1.0
Window/Wall Units.....	28.9	3.6	0.6	3.0
1 Unit.....	14.5	2.9	0.5	2.4
2 Units.....	9.1	0.4	Q	0.4
3 or More Units.....	5.4	0.3	Q	Q
Central Air-Conditioning	65.9	10.5	3.9	6.5
Housing Units Served by Central Air-Conditioning Equipment				
One Housing Unit.....	64.2	10.3	3.9	6.4
Two or More Housing Units.....	1.7	Q	N	Q
Do Not Have Central A/C Equipment.....	45.2	13.7	3.6	10.1
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005				
None.....	1.4	0.8	Q	0.7
1.....	0.7	Q	Q	Q
2.....	2.1	0.6	Q	0.4
3.....	7.5	1.4	0.6	0.8
4.....	7.9	1.0	0.5	0.5
5 or More.....	46.3	6.7	2.5	4.1
Proportion of Rooms Air-Conditioned				
None.....	1.4	0.8	Q	0.7
Some, But Not All of the Rooms.....	8.4	1.9	0.8	1.0
All of the Rooms.....	56.1	7.8	3.0	4.8
Frequency of Central Air-Conditioner Use				
Never.....	1.4	0.8	Q	0.7
Only a Few Times When Needed.....	11.4	3.4	0.7	2.7
Quite a Bit.....	12.6	2.4	0.8	1.6
All Summer.....	40.5	3.9	2.4	1.5
Age of Central Air-Conditioner Used by One Housing Unit				
Less than 2 Years.....	9.0	1.8	0.9	0.9
2 to 4 Years.....	11.0	1.7	0.9	0.9
5 to 9 Years.....	16.3	2.3	0.9	1.4
10 to 19 Years.....	16.8	2.7	0.9	1.8
20 Years or More.....	6.5	1.3	0.3	1.0
Don't Know.....	4.5	0.6	Q	0.5

Table HC14.6 Air Conditioning Characteristics by West Census Region, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	U.S. Housing Units (millions)	West Census Region		
		Total West	Census Division	
			Mountain	Pacific
Used by Two or More Housing Units				
Less than 2 Years.....	Q	N	N	N
2 to 4 Years.....	Q	N	N	N
5 to 9 Years.....	0.3	N	N	N
10 to 19 Years.....	0.3	Q	N	Q
20 Years or More.....	0.3	Q	N	Q
Don't Know.....	0.7	Q	N	Q
Household Pays for Electricity for Central Air-Conditioning				
Yes.....	63.6	10.2	3.8	6.4
No.....	2.3	0.3	Q	Q
Window/Wall Unit Air-Conditioning.....	28.9	3.6	0.6	3.0
Frequency Most-Used Unit Used				
Never.....	0.6	Q	Q	Q
Only a Few Times When Needed.....	12.1	2.0	0.2	1.8
Quite a Bit.....	7.5	0.7	0.2	0.6
All Summer.....	8.6	0.7	Q	0.5
Age of Most-Used Unit				
Less than 2 Years.....	6.4	0.9	Q	0.9
2 to 4 Years.....	7.8	0.9	0.2	0.6
5 to 9 Years.....	7.0	0.7	Q	0.6
10 to 19 Years.....	3.7	0.4	Q	0.3
20 Years or More.....	2.1	0.4	Q	0.4
Don't Know.....	1.8	0.3	Q	0.3
Household Pays for Electricity for Window/Wall Air-Conditioners				
Yes.....	26.1	3.1	0.5	2.7
No.....	2.2	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.

Table HC15.6 Air Conditioning Characteristics by Four Most Populated States, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	Housing Units (millions)	Four Most Populated States			
		New York	Florida	Texas	California
Total	111.1	7.1	7.0	8.0	12.1
Do Not Have Cooling Equipment	17.8	1.8	Q	Q	4.9
Have Cooling Equipment	93.3	5.3	7.0	7.8	7.2
Use Cooling Equipment.....	91.4	5.3	7.0	7.7	6.6
Have Equipment But Do Not Use it.....	1.9	Q	N	Q	0.6
Air-Conditioning Equipment^{1, 2}					
Central System.....	65.9	1.1	6.4	6.4	5.4
Without a Heat Pump.....	53.5	1.1	3.5	5.7	4.9
With a Heat Pump.....	12.3	Q	2.9	0.7	0.5
Window/Wall Units.....	28.9	4.2	0.5	1.6	1.9
1 Unit.....	14.5	1.8	Q	0.6	1.5
2 Units.....	9.1	1.7	Q	0.6	Q
3 or More Units.....	5.4	0.7	Q	0.5	Q
Central Air-Conditioning	65.9	1.1	6.4	6.4	5.4
Housing Units Served by Central Air-Conditioning Equipment					
One Housing Unit.....	64.2	1.1	6.2	6.2	5.3
Two or More Housing Units.....	1.7	Q	Q	Q	Q
Do Not Have Central A/C Equipment.....	45.2	6.0	0.6	1.6	6.7
Number of Rooms Cooled by Central Air-Conditioning in Summer 2005					
None.....	1.4	Q	N	Q	0.5
1.....	0.7	N	Q	Q	Q
2.....	2.1	Q	Q	Q	0.4
3.....	7.5	Q	0.7	1.0	0.8
4.....	7.9	Q	1.4	0.5	0.4
5 or More.....	46.3	0.8	4.2	4.5	3.4
Proportion of Rooms Air-Conditioned					
None.....	1.4	Q	N	Q	0.5
Some, But Not All of the Rooms.....	8.4	Q	0.5	0.8	0.9
All of the Rooms.....	56.1	0.9	5.9	5.5	4.0
Frequency of Central Air-Conditioner Use					
Never.....	1.4	Q	N	Q	0.5
Only a Few Times When Needed.....	11.4	0.4	Q	Q	2.4
Quite a Bit.....	12.6	0.3	0.5	0.9	1.3
All Summer.....	40.5	0.4	5.7	5.2	1.2
Age of Central Air-Conditioner Used by One Housing Unit					
Less than 2 Years.....	9.0	Q	0.9	1.0	0.7
2 to 4 Years.....	11.0	Q	1.3	1.4	0.7
5 to 9 Years.....	16.3	Q	1.9	1.0	1.0
10 to 19 Years.....	16.8	0.3	1.2	1.2	1.6
20 Years or More.....	6.5	Q	0.5	0.8	0.9
Don't Know.....	4.5	Q	0.4	0.7	0.4

Table HC15.6 Air Conditioning Characteristics by Four Most Populated States, 2005
Million U.S. Housing Units

Air Conditioning Characteristics	Housing Units (millions)	Four Most Populated States			
		New York	Florida	Texas	California
Used by Two or More Housing Units					
Less than 2 Years.....	Q	N	Q	N	N
2 to 4 Years.....	Q	N	N	Q	N
5 to 9 Years.....	0.3	Q	N	N	N
10 to 19 Years.....	0.3	N	Q	Q	N
20 Years or More.....	0.3	N	Q	Q	Q
Don't Know.....	0.7	N	Q	Q	Q
Household Pays for Electricity for Central Air-Conditioning					
Yes.....	63.6	1.1	6.2	6.2	5.3
No.....	2.3	N	Q	Q	Q
Window/Wall Unit Air-Conditioning.....	28.9	4.2	0.5	1.6	1.9
Frequency Most-Used Unit Used					
Never.....	0.6	Q	N	Q	Q
Only a Few Times When Needed.....	12.1	1.9	Q	0.5	1.1
Quite a Bit.....	7.5	1.2	Q	Q	0.4
All Summer.....	8.6	1.0	Q	0.8	0.3
Age of Most-Used Unit					
Less than 2 Years.....	6.4	1.1	Q	0.3	0.6
2 to 4 Years.....	7.8	1.3	Q	0.6	0.3
5 to 9 Years.....	7.0	1.1	Q	0.5	0.3
10 to 19 Years.....	3.7	0.6	Q	Q	Q
20 Years or More.....	2.1	Q	Q	Q	0.3
Don't Know.....	1.8	Q	N	Q	Q
Household Pays for Electricity for Window/Wall Air-Conditioners					
Yes.....	26.1	3.6	0.5	1.3	1.7
No.....	2.2	0.6	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.

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