

**Table HC1-1a. Housing Unit Characteristics by Climate Zone,
Million U.S. Households, 2001**

Housing Unit Characteristics	Total	Climate Zone ¹					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.8	1.0	1.1	1.2	1.1	
Total	107.0	9.2	28.6	24.0	21.0	24.1	8.0
Census Region and Division							
Northeast	20.3	1.9	10.0	8.4	Q	Q	6.8
New England	5.4	1.4	4.0	Q	Q	Q	18.4
Middle Atlantic	14.8	0.5	6.0	8.4	Q	Q	4.6
Midwest	24.5	5.4	14.8	4.3	Q	Q	19.0
East North Central	17.1	2.8	12.5	Q	Q	Q	15.7
West North Central	7.4	2.7	Q	2.4	Q	Q	26.4
South	38.9	Q	Q	8.9	9.9	20.1	10.7
South Atlantic	20.3	Q	Q	6.3	5.7	8.3	3.4
East South Central	6.8	Q	Q	2.6	Q	Q	33.1
West South Central	11.8	Q	Q	Q	Q	10.3	9.8
West	23.3	1.9	3.9	2.5	11.1	3.9	9.8
Mountain	6.7	1.0	2.9	Q	Q	2.4	9.3
Pacific	16.6	0.9	Q	2.5	10.7	1.5	7.9
Metropolitan Statistical Area							
Urban	85.5	4.5	25.5	19.3	15.7	20.4	7.3
Central City	40.0	2.6	10.5	8.0	8.6	10.5	12.2
Suburban	45.5	1.9	15.1	11.4	7.2	10.0	10.4
Rural	21.5	4.8	Q	4.7	5.3	3.7	18.6
Climate Zone¹							
Fewer than 2,000 CDD and--							
More than 7,000 HDD	9.2	9.2	--	--	--	--	20.3
5,500 to 7,000 HDD	28.6	--	28.6	--	--	--	13.5
4,000 to 5,499 HDD	24.0	--	--	24.0	--	--	12.6
Fewer than 4,000 HDD	21.0	--	--	--	21.0	--	13.4
2,000 CDD or More and --							
Fewer than 4,000 HDD	24.1	--	--	--	--	24.1	10.2
Total Floorspace Category² (square feet)							
Fewer than 500	3.9	Q	0.7	1.0	1.1	0.9	16.9
500 to 999	21.8	1.4	4.9	5.0	4.8	5.6	10.8
1,000 to 1,499	22.7	1.0	5.1	4.9	5.2	6.4	9.8
1,500 to 1,999	16.6	1.6	3.8	4.0	3.0	4.3	11.7
2,000 to 2,499	13.5	1.8	3.9	3.0	2.3	2.6	11.9
2,500 to 2,999	9.3	1.0	3.5	2.2	1.4	1.2	13.7
3,000 to 3,499	6.9	1.1	2.2	1.5	1.0	1.1	17.8
3,500 to 3,999	4.1	0.4	1.5	0.8	0.6	0.8	18.6
4,000 or More	8.2	0.8	2.9	1.8	1.4	1.3	14.5
Type and Ownership of Housing Unit							
Single-Family Detached	63.1	6.3	16.0	12.3	13.0	15.6	8.9
Owned	55.7	5.6	14.6	11.0	10.8	13.6	9.1
Rented	7.4	0.7	1.4	1.3	2.1	2.0	16.2
Single-Family Attached	10.6	1.0	3.2	3.5	1.9	1.1	16.9
Owned	7.5	0.7	2.3	2.6	1.3	0.7	24.0
Rented	3.1	0.3	0.9	0.9	0.6	0.4	18.8
Apartments in Buildings With							
2 to 4 Units	9.5	0.7	3.5	2.2	1.3	1.7	16.2
Owned	2.1	0.2	0.8	0.7	Q	0.3	26.4
Rented	7.4	0.6	2.7	1.5	1.2	1.4	17.8
Apartments in Buildings With							
5 or More Units	17.0	0.7	4.2	5.0	3.5	3.5	14.8
Owned	1.8	Q	0.4	0.5	Q	0.9	38.0
Rented	15.2	0.7	3.9	4.5	3.5	2.6	14.0

See footnotes at end of table.

**Table HC1-1a. Housing Unit Characteristics by Climate Zone,
Million U.S. Households, 2001 (Continued)**

Housing Unit Characteristics	Total	Climate Zone ¹					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.8	1.0	1.1	1.2	1.1	
Type and Ownership of Housing Unit							
Mobile Homes	6.8	0.5	1.7	1.1	1.4	2.1	22.9
Owned	5.7	0.4	1.5	1.0	1.1	1.7	24.8
Rented	1.1	Q	0.3	Q	Q	0.4	35.5
Ownership of Unit							
Owned	72.7	6.9	19.5	15.7	13.3	17.2	7.9
Rented	34.3	2.4	9.1	8.3	7.6	6.8	9.0
Year of Construction							
1939 or Before	19.0	3.2	6.7	5.0	2.5	1.5	14.5
1940 to 1949	7.6	0.7	1.9	2.3	1.4	1.4	15.9
1950 to 1959	14.2	1.0	4.2	3.0	2.9	3.1	10.2
1960 to 1969	13.8	0.7	3.8	3.3	3.2	2.8	11.1
1970 to 1979	18.8	1.3	4.7	3.5	3.8	5.5	10.8
1980 to 1989	18.2	1.2	3.9	3.8	3.4	5.9	10.6
1990 to 1999	14.5	1.1	3.2	2.9	3.6	3.8	18.2
2000 to 2001 ³	0.9	Q	0.3	Q	Q	Q	36.3
Urban/Rural Location⁴							
City	49.9	4.3	11.8	9.3	11.3	13.1	8.8
Town	18.0	2.0	6.1	3.8	3.7	2.5	16.2
Suburbs	21.2	0.7	6.2	6.7	2.9	4.8	10.8
Rural or Open Country	17.9	2.3	4.6	4.3	3.1	3.7	16.6
Total Number of Rooms (Excluding Bathrooms)							
1 or 2	2.6	Q	0.7	0.7	0.6	0.4	27.2
3	9.2	0.6	2.1	2.6	1.9	2.1	14.4
4	19.0	1.7	4.9	4.2	4.0	4.3	10.8
5	22.2	1.5	5.8	4.5	4.4	6.1	11.0
6	23.0	1.9	6.0	5.0	4.9	5.2	10.4
7	14.0	1.6	4.4	2.9	2.4	2.8	12.0
8	9.8	1.2	2.7	2.3	1.7	2.0	12.9
9 or More	7.2	0.7	2.1	2.0	1.1	1.3	16.6
Bedrooms							
None or 1	13.6	1.0	3.4	3.8	2.6	2.8	11.8
2	29.5	2.3	8.3	6.4	5.5	7.0	9.8
3	44.1	3.8	11.4	9.7	9.3	9.9	9.7
4 or More	19.8	2.1	5.6	4.2	3.6	4.4	10.8
Other Rooms (Excluding Bathrooms)							
None or 1	4.2	0.3	0.9	1.1	1.0	0.9	19.7
2	39.4	2.9	9.6	8.5	8.8	9.6	8.9
3	35.0	3.0	9.9	7.4	6.5	8.3	9.6
4	18.4	1.9	5.5	4.2	3.2	3.6	11.3
5 or More	10.0	1.1	2.8	2.9	1.5	1.7	14.2
Full Bathrooms							
None or 1	58.5	6.0	17.9	14.2	10.0	10.4	8.7
2	41.2	2.9	9.1	8.5	9.0	11.7	9.2
3 or More	7.3	0.4	1.6	1.3	1.9	1.9	18.6
Half Bathrooms							
None	76.6	6.4	19.1	16.2	15.8	19.0	7.0
1	27.9	2.5	8.8	7.0	4.9	4.8	8.1
2 or More	2.5	0.3	0.7	0.9	0.3	0.3	22.3

See footnotes at end of table.

Table HC1-1a. Housing Unit Characteristics by Climate Zone, Million U.S. Households, 2001 (Continued)

Housing Unit Characteristics	Total	Climate Zone ¹					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.8	1.0	1.1	1.2	1.1	
Number of Stories							
Single-Family Homes	73.7	7.3	19.2	15.7	14.8	16.7	8.0
1 Story	44.2	3.4	8.7	7.1	10.6	14.5	9.5
2 Stories	26.4	3.6	9.2	7.6	3.9	2.1	10.7
3 or More Stories	1.6	0.2	0.7	0.6	Q	Q	22.9
Split-Level	1.3	Q	0.6	0.4	Q	Q	32.8
Other	Q	Q	Q	Q	Q	Q	NF
Apartments in Buildings With							
2 to 4 Units	9.5	0.7	3.5	2.2	1.3	1.7	16.2
1 Story	4.5	0.4	1.0	1.1	0.8	1.2	21.0
2 Stories	3.9	0.3	1.8	0.8	0.4	0.6	20.1
3 or More Stories	1.1	Q	0.6	0.3	Q	Q	35.4
Split-Level	Q	Q	Q	Q	Q	Q	NF
Other	Q	Q	Q	Q	Q	Q	NF
Mobile Homes	6.8	0.5	1.7	1.1	1.4	2.1	22.9
Number of Floors for Apartments in Buildings With 5 or More Units							
1 or 2 Floors	17.0	0.7	4.2	5.0	3.5	3.5	14.8
3 or 4 Floors	8.9	0.2	1.7	1.3	2.9	2.7	20.1
5 to 10 Floors	4.7	0.4	1.7	1.5	0.6	0.5	22.8
11 to 20 Floors	2.4	Q	0.6	1.5	Q	Q	27.0
More than 20 Floors	0.9	Q	Q	0.6	Q	Q	33.1
Not Asked (Mobile Homes and Apartments in Buildings With 5 or More Units)	Q	Q	Q	Q	Q	Q	NF
Foundation/Basement of Single-Family Homes and Apartments in Buildings With 2 to 4 Units (More than one may apply)							
Basement	39.1	6.4	16.8	10.3	3.7	2.0	10.8
Crawlspace	24.2	1.7	4.8	5.0	8.2	4.5	13.4
Concrete Slab	29.5	1.0	4.2	4.4	7.2	12.7	10.3
Not Asked (Mobile Homes and Apartments in Buildings With 5 or More Units)	23.8	1.2	6.0	6.1	4.9	5.6	12.1
Heated Basement in Single-Family Homes and Apartments in Buildings With 2 to 4 Units							
Yes	28.3	5.2	12.7	8.2	1.6	0.6	12.8
All	22.1	3.9	10.4	6.5	1.0	0.3	13.4
Part	6.2	1.3	2.4	1.7	0.6	0.3	18.4
No	10.8	1.1	4.1	2.1	2.1	1.4	13.9
No Basement	44.0	1.7	5.9	7.7	12.4	16.4	10.1
Not Asked (Mobile Homes and Apartments in Buildings With 5 or More Units)	23.8	1.2	6.0	6.1	4.9	5.6	12.1
Attic in Single-Family Homes and Apartments in Buildings With 2 to 4 Units							
Yes	24.6	2.2	6.3	5.7	4.8	5.5	12.5
Finished	3.5	0.4	1.1	0.8	0.7	0.5	23.2
Unfinished	21.1	1.8	5.3	4.9	4.1	4.9	13.0
No Attic	58.6	5.8	16.3	12.2	11.3	13.0	8.9
Not Asked (Mobile Homes and Apartments in Buildings With 5 or More Units)	23.8	1.2	6.0	6.1	4.9	5.6	12.1

See footnotes at end of table.

**Table HC1-1a. Housing Unit Characteristics by Climate Zone,
Million U.S. Households, 2001 (Continued)**

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		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.8	1.0	1.1	1.2	1.1	
Heated Attic in Single-Family Homes and Apartments in Buildings With 2 to 4 Units							
Yes	4.5	0.4	1.2	1.1	0.8	1.0	19.7
Fully Heated	2.7	0.2	0.8	0.7	0.3	0.6	22.1
Partially Heated	1.8	0.2	0.3	0.4	0.5	0.4	27.7
Attic Not Heated	20.1	1.9	5.2	4.6	4.0	4.4	13.1
No Attic	58.6	5.8	16.3	12.2	11.3	13.0	8.9
Not Asked (Mobile Homes and Apartments in Buildings With 5 or More Units)	23.8	1.2	6.0	6.1	4.9	5.6	12.1
Garage/Carport (single-family and mobile homes)							
Yes	58.4	6.2	16.0	11.3	11.4	13.5	8.4
Attached	37.1	3.1	10.6	7.2	7.8	8.5	9.6
1-Car Garage	10.8	1.1	2.9	3.1	1.9	1.9	16.5
2-Car Garage	24.1	1.7	7.0	3.5	5.4	6.5	11.4
3 or more Car Garage	2.3	0.3	0.7	0.6	0.5	Q	28.5
Detached	17.0	3.1	4.9	3.5	2.6	2.8	13.8
1-Car Garage	6.9	1.2	1.8	1.7	1.1	1.1	17.3
2-Car Garage	8.7	1.6	2.8	1.5	1.3	1.5	15.3
3 or more Car Garage	1.4	0.3	0.4	0.2	0.3	Q	29.7
Carport (only)	4.2	Q	0.4	0.6	0.9	2.1	24.3
No	22.1	1.5	4.9	5.5	4.8	5.4	13.3
Not Asked (Apartments)	26.5	1.5	7.7	7.2	4.8	5.3	10.5
Fuels Used For Any Use (more than one often used)							
Electricity	107.0	9.2	28.6	24.0	21.0	24.1	8.0
Natural Gas	66.9	4.9	21.2	14.9	13.8	12.1	8.6
Wood	14.5	2.0	3.1	2.9	3.4	3.0	13.1
Fuel Oil	8.7	1.8	2.9	3.7	Q	Q	16.8
LPG	9.4	1.6	2.2	1.9	2.1	1.5	20.9
Kerosene	2.9	0.4	0.7	0.7	0.8	0.3	21.6
Solar	1.1	0.1	0.2	Q	0.4	0.3	31.0
Main Heating Fuel							
Natural Gas	59.3	4.8	20.2	12.5	11.9	9.8	9.1
Electricity	31.1	1.2	3.9	6.3	7.0	12.7	11.0
Fuel Oil	8.0	1.7	2.7	3.5	Q	Q	16.8
LPG	5.0	0.8	1.3	1.1	1.0	0.9	28.5
Wood	2.0	0.6	0.3	0.5	0.4	Q	24.8
Kerosene	0.8	0.1	Q	Q	0.4	Q	28.8
Solar	Q	Q	Q	Q	Q	Q	NF
Other/None	0.7	Q	Q	Q	Q	0.4	31.2

See footnotes at end of table.

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		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.8	1.0	1.1	1.2	1.1	
Natural Gas Available in Neighborhood							
Yes	77.7	5.7	23.6	17.8	15.3	15.3	8.2
No	29.3	3.6	5.0	6.2	5.7	8.8	12.2

¹ One of five climatically distinct areas, determined according to the 30-year average (1961-1990) of the annual heating and cooling degree-days. For this report, the heating or cooling degree-days are a measure of how cold or how hot a location is over a period of one year, relative to a base temperature of 65 degrees Fahrenheit. A household is assigned to a climate zone according to the 30-year average annual degree-days for an appropriate nearby weather station.

² Does **not** include floorspace for unheated garages.

³ New construction for 2001 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

⁴ Based on the household respondent's description rather than the Federal Government definition.

-- = Data not applicable.

NF = No applicable RSE row factor.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 2001 Residential Energy Consumption Survey.