

1997 Housing Characteristics Tables

Housing Unit Tables

(Percent of U.S. Households; 45 pages, 121 kb)

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These data are from the 1997 Residential Energy Consumption Survey (RECS) which provides information on the use of energy in residential housing units in the United States. The RECS is a national statistical survey that collects data for occupied primary housing units. RECS was first conducted in 1978; the sixth and most recent survey was conducted in 1997 RECS. The data were collected from a sample of 5,900 housing units statistically selected to represent the 101.5 million units in the United States. The 1997 data are available for the four Census regions, the nine Census divisions, and for the four most populous States--California, Florida, New York, and Texas.

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**Table HC1-1b. Housing Unit Characteristics by Climate Zone,
Percent of U.S. Households, 1997**

Housing Unit Characteristics	Total	Climate Zone					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:	0.5	1.5	1.0	1.1	1.2	1.0		
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Census Region and Division								
Northeast	19.4	21.4	34.3	36.2	Q	Q	Q	11.3
New England	5.2	15.7	13.8	Q	Q	Q	Q	18.8
Middle Atlantic	14.2	5.7	20.5	36.2	Q	Q	Q	10.6
Midwest	23.7	58.8	52.4	17.5	Q	Q	Q	12.7
East North Central	16.7	29.2	44.1	Q	Q	Q	Q	13.9
West North Central	7.0	29.6	Q	9.3	Q	Q	Q	23.8
South	35.4	Q	Q	35.5	47.1	84.3	84.3	5.1
South Atlantic	18.4	Q	Q	25.4	26.5	35.3	35.3	7.8
East South Central	6.3	Q	Q	10.2	13.3	Q	Q	35.8
West South Central	10.7	Q	Q	Q	Q	42.4	42.4	7.6
West	21.5	19.8	13.4	10.8	52.9	15.7	15.7	15.1
Mountain	6.1	9.9	9.8	Q	Q	9.5	9.5	14.3
Pacific	15.4	9.9	Q	10.8	50.8	6.2	6.2	13.4
Metropolitan Statistical Area								
Urban	77.5	46.3	82.8	79.6	74.8	84.0	84.0	6.3
Central City	36.2	27.4	37.2	33.2	35.1	42.8	42.8	11.5
Suburban	41.3	19.0	45.7	46.4	39.7	41.2	41.2	10.1
Rural	22.5	53.7	17.2	20.4	25.2	16.0	16.0	16.1
Climate Zone¹								
Fewer than 2,000 CDD and--								
More than 7,000 HDD	9.1	100.0	--	--	--	--	--	35.6
5,500 to 7,000 HDD	27.6	--	100.0	--	--	--	--	17.8
4,000 to 5,499 HDD	22.2	--	--	100.0	--	--	--	17.6
Fewer than 4,000 HDD	19.2	--	--	--	100.0	--	--	19.2
2,000 CDD or More and --								
Fewer than 4,000 HDD	21.9	--	--	--	--	100.0	100.0	14.0
Estimated Heated Floorspace Category (square feet)²								
Fewer than 600	7.8	5.5	7.0	8.9	10.3	6.3	6.3	11.2
600 to 999	21.2	22.7	22.1	20.4	22.4	19.1	19.1	6.9
1,000 to 1,599	29.9	33.2	27.4	26.5	33.5	32.0	32.0	5.7
1,600 to 1,999	15.1	15.5	16.6	14.6	13.5	14.7	14.7	8.4
2,000 to 2,399	7.8	6.3	7.9	7.6	7.5	8.7	8.7	10.2
2,400 to 2,999	5.3	5.1	6.1	4.9	4.8	5.0	5.0	14.2
3,000 or More	4.1	4.5	4.3	2.9	2.9	5.8	5.8	18.9
No Estimate Provided	9.0	7.3	8.6	14.2	5.1	8.4	8.4	13.6
Ownership of Unit								
Owned	67.5	75.8	68.9	65.8	61.7	68.9	68.9	3.1
Rented	32.5	24.2	31.1	34.2	38.3	31.1	31.1	6.6

See footnotes at end of table.

**Table HC1-1b. Housing Unit Characteristics by Climate Zone,
Percent of U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Total	Climate Zone					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:	0.5	1.5	1.0	1.1	1.2	1.0	
Type and Ownership of Housing Unit							
Single-Family Detached	62.9	73.7	63.1	57.2	61.4	65.1	3.7
Owned	54.8	66.1	57.1	50.0	50.6	55.8	4.1
Rented	8.0	7.6	6.0	7.1	10.8	9.3	11.4
Single-Family Attached	9.8	9.9	9.8	13.0	9.0	7.2	14.7
Owned	5.4	4.7	4.9	8.9	3.9	4.1	20.2
Rented	4.4	5.1	5.0	4.1	5.1	3.1	16.0
Multifamily (2 to 4 units)	5.5	5.2	7.9	5.8	4.3	3.5	16.3
Owned	0.9	Q	1.9	1.0	Q	Q	32.5
Rented	4.6	4.4	6.0	4.8	4.1	3.2	17.9
Multifamily (5 or more units)	15.6	6.3	14.3	19.2	17.8	15.4	13.7
Owned	1.1	Q	1.1	1.8	Q	1.4	37.7
Rented	14.4	6.1	13.2	17.4	17.1	14.0	13.5
Mobile Home	6.2	4.9	4.8	4.9	7.5	8.8	17.3
Owned	5.2	3.9	4.0	4.1	6.3	7.3	19.3
Rented	1.1	Q	0.8	0.8	1.2	1.5	28.5
Year of Construction							
1939 or Before	18.5	35.4	25.3	22.5	9.7	6.3	10.4
1940 to 1949	9.1	7.4	8.9	9.5	12.9	6.1	10.8
1950 to 1959	12.4	9.9	13.3	11.6	12.8	12.6	8.2
1960 to 1969	14.2	9.3	13.9	13.5	15.9	16.0	8.6
1970 to 1979	19.3	16.3	18.1	16.8	20.3	23.6	8.0
1980 to 1989	17.1	11.6	12.1	18.7	17.2	23.7	10.8
1990 to 1997 ³	9.6	10.2	8.5	7.3	11.1	11.7	14.5
Urban/Rural Location⁴							
City	47.5	40.4	43.8	37.9	58.2	55.6	6.2
Town	17.9	25.6	20.1	18.9	16.5	12.3	14.6
Suburbs	18.3	10.3	20.9	25.2	11.0	17.8	12.4
Rural or Open Country	16.2	23.7	15.2	18.0	14.2	14.3	12.1
Total Number of Rooms (Excluding Bathrooms)							
1 or 2	3.0	Q	2.6	2.5	4.9	2.8	18.2
3	9.0	5.8	7.2	10.4	10.8	9.8	12.2
4	18.0	15.8	18.5	19.4	19.0	16.2	8.3
5	20.9	22.1	19.1	17.1	22.8	25.0	6.4
6	19.7	23.0	19.2	20.0	19.9	18.8	6.1
7	14.0	12.9	15.4	15.0	10.7	14.8	8.2
8	8.3	9.4	10.1	8.8	6.7	6.2	12.4
9 or More	6.9	8.9	7.9	6.8	5.3	6.5	12.2
Bedrooms							
None or 1	13.0	9.9	11.6	14.9	15.1	12.1	10.2
2	28.4	27.3	27.2	29.3	29.4	28.5	5.8
3	40.4	43.7	39.8	38.2	38.9	43.2	5.0
4 or More	18.3	19.1	21.4	17.6	16.6	16.2	7.9

See footnotes at end of table.

**Table HC1-1b. Housing Unit Characteristics by Climate Zone,
Percent of U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Total	Climate Zone					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:	0.5	1.5	1.0	1.1	1.2	1.0	
Other Rooms (Excluding Bathrooms)							
None or 1	5.0	3.5	4.2	3.8	7.3	5.7	16.0
2	38.1	33.1	36.5	36.5	43.8	38.6	4.3
3	30.5	35.1	28.4	31.3	28.9	32.0	5.2
4	17.3	16.0	20.3	19.0	13.5	15.7	7.6
5 or More	9.1	12.3	10.6	9.3	6.5	8.0	10.2
Full Bathrooms							
None or 1	58.5	66.9	65.4	62.8	52.9	46.8	3.2
2	35.4	27.4	29.4	33.0	39.2	45.5	5.2
3 or More	6.1	5.7	5.2	4.2	7.9	7.6	17.2
Half Bathrooms							
None	72.0	72.3	67.0	66.9	78.2	77.8	2.1
1	26.1	26.1	30.3	30.2	21.1	21.2	5.9
2 or More	Q	Q	Q	Q	Q	Q	NF
Number of Stories							
Single-Family Homes	72.7	83.6	72.9	70.2	70.4	72.2	2.9
1 Story	40.5	35.5	29.0	29.5	50.2	59.7	6.4
2 Stories	26.5	41.7	35.7	30.5	18.4	11.9	8.0
3 Stories	3.2	3.5	4.5	6.4	Q	Q	15.8
Split-Level	2.4	2.9	3.4	3.9	Q	Q	21.1
Other	Q	Q	Q	Q	Q	Q	NF
Mobile Homes	6.2	4.9	4.8	4.9	7.5	8.8	17.3
Number of Floors in Apartment Buildings							
1 or 2 Floors	10.7	6.0	9.8	7.9	13.3	14.6	13.7
3 or 4 Floors	5.3	3.6	7.0	7.3	5.9	1.5	28.3
5 to 10 Floors	2.0	Q	1.7	5.3	Q	Q	21.4
11 to 20 Floors	0.8	Q	Q	1.9	Q	Q	28.8
More than 20 Floors	0.2	Q	Q	Q	Q	Q	58.7
Don't Know/No Answer	2.0	Q	2.8	2.4	1.7	1.3	24.9
Foundation/Basement of Single-Family Homes (More than one may apply)							
Basement	32.7	65.7	55.1	40.3	8.8	3.9	8.6
Crawlspace	22.2	13.0	16.0	21.1	36.2	22.5	9.9
Concrete Slab	22.6	8.8	9.1	14.0	28.5	49.0	9.5
Not Asked (Mobile Homes and Multi-Family Units)	27.3	16.4	27.1	29.8	29.6	27.8	8.3
Garage/Carport							
Yes	53.7	65.9	55.5	48.6	51.2	53.6	3.9
1-Car Garage	16.0	25.5	16.1	19.8	13.1	10.6	9.1
2-Car Garage	29.2	34.0	33.7	21.3	30.1	28.8	7.3
3-Car Garage	2.7	3.5	3.9	2.3	2.5	1.6	17.8
Covered Carport	6.3	3.6	2.2	6.0	6.3	13.2	15.5
No	25.2	22.6	22.3	26.5	26.7	27.5	8.2
Not Asked (Apartments)	21.1	11.5	22.2	24.9	22.1	19.0	10.5

See footnotes at end of table.

Table HC1-1b. Housing Unit Characteristics by Climate Zone, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Climate Zone					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:	0.5	1.5	1.0	1.1	1.2	1.0	
Fuels Used For Any Use (more than one often used)							
Electricity	100.0	99.8	100.0	100.0	99.9	100.0	NE
Natural Gas	61.0	55.1	71.2	56.4	65.0	51.7	5.2
Wood	14.8	21.8	11.6	15.6	17.4	12.9	9.7
Fuel Oil	9.8	21.7	11.2	19.7	1.3	Q	17.1
LPG	8.0	15.4	6.9	7.3	8.7	6.1	20.5
Kerosene	3.4	4.6	2.9	4.0	4.9	1.8	18.8
Solar	0.7	Q	Q	Q	Q	1.6	46.2
Main Heating Fuel							
Natural Gas	52.7	52.8	66.8	44.1	54.5	42.0	6.1
Electricity	29.2	11.8	15.3	30.1	33.6	49.1	9.2
Fuel Oil	9.3	20.2	10.8	18.8	1.1	Q	16.9
LPG	4.5	5.7	4.5	3.7	5.9	3.8	26.5
Wood	2.2	6.1	1.4	2.1	2.6	1.2	24.2
Kerosene	1.0	Q	0.6	0.5	1.6	Q	29.2
Solar	Q	Q	Q	Q	Q	Q	NF
Other/None	1.1	Q	0.7	0.7	Q	2.8	34.3

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 Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

³ New construction for 1997 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.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC1-2b. Housing Unit Characteristics by Year of Construction,
Percent of U.S. Households, 1997**

Housing Unit Characteristics	Total	Year of Construction						RSE Row Factors
		1990 to 1997 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.5	1.7	1.2	1.0	1.1	1.1	0.8	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Census Region and Division								
Northeast	19.4	12.0	13.6	13.5	18.0	21.5	29.7	8.4
New England	5.2	2.5	3.2	3.7	6.2	5.7	7.8	13.5
Middle Atlantic	14.2	9.5	10.3	9.8	11.8	15.8	21.9	10.6
Midwest	23.7	20.3	16.7	20.5	21.9	21.7	33.3	8.4
East North Central	16.7	12.2	10.8	15.4	16.1	16.0	23.3	10.4
West North Central	7.0	8.1	5.9	5.1	5.8	5.7	10.0	16.9
South	35.4	47.8	47.3	39.9	35.3	33.5	21.3	5.5
South Atlantic	18.4	24.6	29.2	20.3	15.2	17.3	10.4	8.7
East South Central	6.3	9.5	6.3	7.6	6.0	6.5	4.2	14.8
West South Central	10.7	13.7	11.8	12.0	14.0	9.8	6.7	11.1
West	21.5	19.9	22.4	26.1	24.8	23.3	15.7	7.5
Mountain	6.1	5.8	6.0	8.1	7.8	6.4	3.8	14.5
Pacific	15.4	14.2	16.4	18.0	17.0	16.9	11.9	9.1
Metropolitan Statistical Area								
Urban	77.5	73.3	80.7	78.3	79.3	83.0	72.9	2.3
Central City	36.2	27.5	28.4	31.2	38.7	40.3	44.6	7.5
Suburban	41.3	45.8	52.4	47.1	40.6	42.7	28.3	6.4
Rural	22.5	26.7	19.3	21.7	20.7	17.0	27.1	7.9
Climate Zone²								
Fewer than 2,000 CDD and--								
More than 7,000 HDD	9.1	9.7	6.2	7.7	5.9	7.3	14.2	19.8
5,500 to 7,000 HDD	27.6	24.4	19.6	25.9	26.9	29.7	34.4	11.2
4,000 to 5,499 HDD	22.2	16.8	24.4	19.4	21.1	20.9	25.8	12.5
Fewer than 4,000 HDD	19.2	22.4	19.4	20.2	21.5	19.9	15.8	12.6
2,000 CDD or More and --								
Fewer than 4,000 HDD	21.9	26.7	30.4	26.8	24.6	22.3	9.8	10.0
Estimated Heated Floorspace Category (square feet)³								
Fewer than 600	7.8	5.2	6.3	7.8	8.7	6.2	9.8	12.5
600 to 999	21.2	11.6	16.8	26.6	22.2	21.1	22.9	7.8
1,000 to 1,599	29.9	31.3	30.2	24.9	31.5	37.6	28.5	6.1
1,600 to 1,999	15.1	15.0	17.2	14.8	14.9	15.9	13.7	7.9
2,000 to 2,399	7.8	9.5	8.0	9.6	7.2	6.5	6.6	11.2
2,400 to 2,999	5.3	9.3	9.6	5.5	3.7	2.4	3.0	15.5
3,000 or More	4.1	13.0	4.4	3.8	2.2	2.0	2.9	19.6
No Estimate Provided	9.0	5.2	7.6	6.9	9.4	8.4	12.7	12.7
Ownership of Unit								
Owned	67.5	78.6	69.2	65.4	63.7	70.9	64.4	2.8
Rented	32.5	21.4	30.8	34.6	36.3	29.1	35.6	6.2

See footnotes at end of table.

Table HC1-2b. Housing Unit Characteristics by Year of Construction, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Year of Construction						RSE Row Factors
		1990 to 1997 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.5	1.7	1.2	1.0	1.1	1.1	0.8	
Type and Ownership of Housing Unit								
Single-Family Detached	62.9	64.7	55.3	54.2	62.1	79.2	66.0	3.3
Owned	54.8	60.2	50.7	48.0	54.3	66.9	55.2	3.7
Rented	8.0	4.5	4.6	6.2	7.8	12.3	10.9	12.7
Single-Family Attached	9.8	8.8	13.6	8.7	6.6	5.8	12.0	14.1
Owned	5.4	4.7	9.2	4.9	2.1	2.2	6.7	21.0
Rented	4.4	4.1	4.4	3.8	4.5	3.6	5.3	17.6
Multifamily (2 to 4 units)	5.5	Q	4.1	4.8	6.1	3.3	9.0	16.1
Owned	0.9	Q	Q	1.1	Q	Q	2.0	34.0
Rented	4.6	Q	3.7	3.7	5.7	3.1	7.0	17.3
Multifamily (5 or more units)	15.6	11.3	17.5	21.6	18.8	10.3	12.3	11.4
Owned	1.1	Q	Q	2.9	1.6	Q	Q	36.0
Rented	14.4	10.4	16.9	18.8	17.2	9.7	11.9	11.7
Mobile Home	6.2	13.5	9.5	10.7	6.4	1.4	0.6	17.4
Owned	5.2	12.8	8.2	8.6	5.3	Q	Q	14.3
Rented	1.1	Q	1.3	2.1	1.1	Q	Q	27.8
Year of Construction								
1939 or Before	18.5	--	--	--	--	--	67.1	5.6
1940 to 1949	9.1	--	--	--	--	--	32.9	8.0
1950 to 1959	12.4	--	--	--	--	100.0	--	7.9
1960 to 1969	14.2	--	--	--	100.0	--	--	8.1
1970 to 1979	19.3	--	--	100.0	--	--	--	7.4
1980 to 1989	17.1	--	100.0	--	--	--	--	11.0
1990 to 1997 ¹	9.6	100.0	--	--	--	--	--	14.4
Urban/Rural Location⁴								
City	47.5	33.4	39.7	45.4	46.5	53.1	56.9	5.1
Town	17.9	16.4	17.8	16.5	17.8	15.3	20.8	9.7
Suburbs	18.3	25.2	25.4	19.1	20.2	22.5	8.1	9.5
Rural or Open Country	16.2	25.0	17.1	19.0	15.4	9.2	14.2	9.0
Total Number of Rooms (Excluding Bathrooms)								
1 or 2	3.0	Q	2.9	3.6	3.1	1.7	3.7	21.9
3	9.0	4.3	7.6	11.8	12.2	6.7	9.1	12.0
4	18.0	16.4	19.0	19.6	19.9	18.0	16.0	8.3
5	20.9	25.1	22.6	20.2	19.7	21.7	19.3	6.4
6	19.7	15.3	17.7	17.1	18.1	23.6	23.4	7.0
7	14.0	12.0	13.8	13.3	14.9	18.7	12.8	8.8
8	8.3	10.5	8.4	8.2	7.6	6.5	8.6	12.3
9 or More	6.9	14.4	8.0	6.3	4.5	3.0	7.2	13.8
Bedrooms								
None or 1	13.0	6.3	10.0	15.0	15.3	9.6	16.0	10.7
2	28.4	21.4	28.6	29.0	29.4	27.5	30.2	5.9
3	40.4	43.9	43.3	39.4	37.7	49.3	35.3	4.5
4 or More	18.3	28.4	18.1	16.6	17.6	13.6	18.5	8.4

See footnotes at end of table.

Table HC1-2b. Housing Unit Characteristics by Year of Construction, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Year of Construction						RSE Row Factors
		1990 to 1997 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.5	1.7	1.2	1.0	1.1	1.1	0.8	
Other Rooms (Excluding Bathrooms)								
None or 1	5.0	3.9	5.5	6.6	4.7	3.1	4.8	16.1
2	38.1	40.8	38.4	40.8	45.6	38.2	31.0	4.8
3	30.5	22.3	28.2	28.0	26.9	35.3	36.4	5.6
4	17.3	16.5	19.6	16.2	16.2	16.2	18.0	8.4
5 or More	9.1	16.4	8.3	8.3	6.6	7.3	9.7	11.4
Full Bathrooms								
None or 1	58.5	24.4	36.1	56.5	64.9	69.5	77.5	3.8
2	35.4	58.3	56.3	37.0	30.6	26.9	19.8	5.3
3 or More	6.1	17.3	7.7	6.5	4.5	3.6	2.8	15.8
Half Bathrooms								
None	72.0	62.4	65.4	70.0	72.6	78.1	77.7	2.6
1	26.1	36.6	32.5	27.9	25.8	20.3	20.2	6.5
2 or More	Q	Q	Q	Q	Q	Q	Q	NF
Number of Stories								
Single-Family Homes	72.7	73.5	68.9	62.9	68.7	85.0	78.1	2.8
1 Story	40.5	36.6	32.9	38.8	50.3	64.3	32.0	5.1
2 Stories	26.5	32.7	28.6	17.4	13.6	17.7	40.2	7.4
3 Stories	3.2	Q	2.9	2.9	1.8	Q	5.4	19.3
Split-Level	2.4	Q	4.4	3.7	2.9	2.0	Q	21.9
Other	Q	Q	Q	Q	Q	Q	Q	NF
Mobile Homes	6.2	13.5	9.5	10.7	6.4	1.4	0.6	17.4
Number of Floors in Apartment Buildings								
1 or 2 Floors	10.7	7.2	13.4	13.9	13.4	7.7	8.2	12.5
3 or 4 Floors	5.3	2.6	4.1	5.9	6.3	2.6	7.4	25.0
5 to 10 Floors	2.0	Q	Q	2.7	1.7	1.6	2.6	27.2
11 to 20 Floors	0.8	Q	Q	Q	1.3	Q	Q	36.2
More than 20 Floors	0.2	Q	Q	Q	Q	Q	Q	53.9
Don't Know/No Answer	2.0	Q	2.5	2.5	1.7	Q	2.4	27.4
Foundation/Basement of Single-Family Homes (More than one may apply)								
Basement	32.7	25.9	20.5	21.9	27.5	35.9	51.5	6.8
Crawlspace	22.2	18.0	13.4	18.6	22.9	32.4	26.5	8.9
Concrete Slab	22.6	31.7	36.4	27.5	24.0	20.9	7.6	8.2
Not Asked (Mobile Homes and Multi-Family Units)	27.3	26.5	31.1	37.1	31.3	15.0	21.9	7.6
Garage/Carport								
Yes	53.7	63.4	56.6	51.2	53.7	61.7	46.5	3.7
1-Car Garage	16.0	8.7	12.1	11.5	16.2	26.7	19.2	10.1
2-Car Garage	29.2	41.2	37.5	31.9	28.0	25.0	20.5	6.4
3-Car Garage	2.7	10.6	3.1	1.5	Q	Q	2.4	15.9
Covered Carport	6.3	3.2	4.2	7.3	9.1	10.0	5.0	14.2
No	25.2	23.6	21.8	22.3	21.4	24.6	32.1	7.3
Not Asked (Apartments)	21.1	12.9	21.6	26.4	24.9	13.6	21.4	9.5

See footnotes at end of table.

Table HC1-2b. Housing Unit Characteristics by Year of Construction, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Year of Construction						RSE Row Factors
		1990 to 1997 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.5	1.7	1.2	1.0	1.1	1.1	0.8	
Fuels Used For Any Use (more than one often used)								
Electricity	100.0	99.8	100.0	100.0	100.0	100.0	99.9	NE
Natural Gas	61.0	53.8	43.5	48.4	66.5	73.1	74.9	4.2
Wood	14.8	16.7	21.2	17.4	14.9	10.9	10.2	9.2
Fuel Oil	9.8	3.1	3.4	5.3	10.7	12.1	17.8	14.3
LPG	8.0	9.1	6.7	8.7	7.6	5.8	9.0	14.1
Kerosene	3.4	1.9	2.9	3.8	2.7	2.2	4.9	18.2
Solar	0.7	Q	Q	1.5	Q	Q	Q	37.9
Main Heating Fuel								
Natural Gas	52.7	48.3	36.0	41.3	57.7	64.5	64.7	4.8
Electricity	29.2	39.9	53.5	43.3	23.8	17.9	8.2	7.3
Fuel Oil	9.3	2.7	3.2	5.1	10.2	11.4	17.0	14.4
LPG	4.5	5.8	3.8	4.9	3.9	3.8	4.9	17.2
Wood	2.2	Q	2.1	2.5	2.4	1.3	2.5	22.4
Kerosene	1.0	Q	0.8	1.3	Q	Q	1.2	30.5
Solar	Q	Q	Q	Q	Q	Q	Q	NF
Other/None	1.1	Q	Q	1.6	1.1	Q	1.4	34.4

¹ New construction for 1997 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

² 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.

³ Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

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

-- = Data not applicable.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

Table HC1-3b. Housing Unit Characteristics by Household Income, Percent of U.S. Households, 1997

Housing Unit Characteristics	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.4	1.0	0.9	1.1	1.3	1.0	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Census Region and Division								
Northeast	19.4	19.1	15.8	20.1	22.7	17.2	18.9	4.9
New England	5.2	3.2	4.8	5.6	6.3	2.8	5.5	7.3
Middle Atlantic	14.2	15.9	11.0	14.5	16.4	14.4	13.4	6.0
Midwest	23.7	18.5	22.3	25.7	25.4	19.7	21.0	4.7
East North Central	16.7	13.5	15.6	17.8	17.9	14.5	15.4	5.2
West North Central	7.0	5.0	6.7	7.9	7.5	5.2	5.6	10.6
South	35.4	42.2	37.4	32.5	33.2	38.7	36.3	3.7
South Atlantic	18.4	20.7	18.1	17.7	18.5	19.6	18.7	6.3
East South Central	6.3	9.0	6.9	6.2	4.3	7.9	6.6	6.7
West South Central	10.7	12.5	12.3	8.6	10.4	11.2	11.0	8.8
West	21.5	20.2	24.5	21.7	18.7	24.4	23.7	5.5
Mountain	6.1	5.9	6.9	6.6	4.7	6.1	5.7	9.6
Pacific	15.4	14.3	17.5	15.1	14.1	18.3	18.1	7.1
Metropolitan Statistical Area								
Urban	77.5	74.3	72.5	77.2	84.6	75.2	73.4	1.9
Central City	36.2	45.5	39.0	35.7	29.6	44.8	41.6	5.7
Suburban	41.3	28.8	33.5	41.5	55.0	30.5	31.8	5.8
Rural	22.5	25.7	27.5	22.8	15.4	24.8	26.6	6.2
Climate Zone²								
Fewer than 2,000 CDD and--								
More than 7,000 HDD	9.1	6.3	9.5	10.7	8.3	7.0	8.2	18.6
5,500 to 7,000 HDD	27.6	21.6	24.7	29.4	31.7	22.5	24.1	9.5
4,000 to 5,499 HDD	22.2	24.0	19.4	22.3	24.1	20.9	22.2	9.5
Fewer than 4,000 HDD	19.2	22.0	21.8	18.5	15.9	25.1	22.3	11.3
2,000 CDD or More and --								
Fewer than 4,000 HDD	21.9	26.2	24.7	19.1	20.0	24.6	23.2	8.9
Estimated Heated Floorspace Category (square feet)³								
Fewer than 600	7.8	21.4	10.8	5.2	0.9	18.5	14.2	10.4
600 to 999	21.2	32.6	29.4	19.2	9.3	31.2	29.8	6.0
1,000 to 1,599	29.9	20.9	33.4	34.7	25.2	25.1	29.0	5.0
1,600 to 1,999	15.1	4.6	10.9	17.3	21.9	6.2	8.1	7.6
2,000 to 2,399	7.8	1.7	4.0	8.0	14.3	1.9	3.2	12.7
2,400 to 2,999	5.3	Q	1.1	4.5	12.3	1.3	1.4	17.1
3,000 or More	4.1	Q	1.1	2.9	10.0	Q	1.1	19.1
No Estimate Provided	9.0	16.6	9.3	8.1	6.0	14.9	13.0	10.1
Ownership of Unit								
Owned	67.5	38.5	60.4	70.2	85.5	38.7	50.2	2.8
Rented	32.5	61.5	39.6	29.8	14.5	61.3	49.8	4.2

See footnotes at end of table.

Table HC1-3b. Housing Unit Characteristics by Household Income, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.4	1.0	0.9	1.1	1.3	1.0	
Type and Ownership of Housing Unit								
Single-Family Detached	62.9	38.3	53.1	65.5	81.8	41.8	47.9	3.0
Owned	54.8	27.7	43.9	57.3	76.5	27.8	36.8	3.6
Rented	8.0	10.7	9.2	8.2	5.4	13.9	11.1	8.7
Single-Family Attached	9.8	11.3	10.7	9.8	8.2	11.2	11.0	10.1
Owned	5.4	3.3	5.4	5.6	6.2	3.2	4.3	15.8
Rented	4.4	8.0	5.2	4.2	2.1	8.0	6.7	12.2
Multifamily (2 to 4 units)	5.5	11.3	7.3	4.3	2.3	10.2	8.8	12.4
Owned	0.9	Q	0.8	1.1	1.0	Q	0.8	30.1
Rented	4.6	10.8	6.5	3.2	1.3	9.7	7.9	14.1
Multifamily (5 or more units)	15.6	31.3	18.1	15.1	6.0	27.4	23.6	8.2
Owned	1.1	1.5	1.2	1.6	Q	Q	1.4	27.1
Rented	14.4	29.7	16.9	13.5	5.5	26.9	22.1	8.3
Mobile Home	6.2	7.8	10.8	5.4	1.6	9.5	8.8	13.0
Owned	5.2	5.5	9.1	4.7	1.4	6.6	6.9	14.2
Rented	1.1	2.3	1.7	0.7	Q	2.9	1.9	23.0
Year of Construction								
1939 or Before	18.5	24.0	20.0	18.5	14.2	23.6	22.5	7.4
1940 to 1949	9.1	10.7	11.3	8.7	6.3	10.7	11.8	8.9
1950 to 1959	12.4	13.0	14.0	12.5	10.2	14.1	13.8	6.8
1960 to 1969	14.2	13.5	15.1	15.4	12.4	15.3	13.7	7.4
1970 to 1979	19.3	18.8	17.7	20.2	20.1	18.2	18.0	6.3
1980 to 1989	17.1	13.5	15.3	15.2	22.7	12.3	13.8	8.5
1990 to 1997 ⁴	9.6	6.5	6.6	9.6	14.1	5.8	6.4	12.1
Urban/Rural Location⁵								
City	47.5	60.1	52.9	46.7	36.9	60.0	55.9	3.8
Town	17.9	20.4	19.6	17.0	16.1	19.5	20.8	8.6
Suburbs	18.3	6.4	11.4	18.7	30.7	7.1	8.7	9.0
Rural or Open Country	16.2	13.0	16.1	17.7	16.3	13.4	14.7	8.5
Total Number of Rooms (Excluding Bathrooms)								
1 or 2	3.0	10.0	4.4	1.3	Q	7.5	5.9	12.9
3	9.0	21.9	11.6	7.5	2.0	16.8	14.6	9.1
4	18.0	26.4	24.0	17.9	8.0	25.2	24.3	6.5
5	20.9	20.6	25.9	22.6	14.1	23.1	24.4	5.3
6	19.7	14.1	19.4	22.0	20.3	17.4	18.1	6.2
7	14.0	3.9	9.2	16.5	21.2	6.3	7.2	8.1
8	8.3	1.7	3.1	7.9	17.1	1.6	3.0	12.3
9 or More	6.9	Q	2.5	4.3	17.2	2.1	2.5	13.7
Bedrooms								
None or 1	13.0	32.9	16.6	9.7	3.4	24.8	21.4	7.6
2	28.4	37.3	37.2	29.0	14.2	35.0	35.9	4.7
3	40.4	23.0	36.7	44.4	48.0	30.5	32.5	4.1
4 or More	18.3	6.8	9.5	16.9	34.5	9.7	10.3	7.5

See footnotes at end of table.

Table HC1-3b. Housing Unit Characteristics by Household Income, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.4	1.0	0.9	1.1	1.3	1.0	
Other Rooms (Excluding Bathrooms)								
None or 1	5.0	13.0	7.1	3.2	0.9	10.2	8.6	11.3
2	38.1	55.8	47.9	38.3	19.1	55.2	50.8	3.4
3	30.5	23.6	30.8	33.1	30.7	26.9	29.3	4.8
4	17.3	5.4	10.6	18.3	28.9	4.8	7.7	7.4
5 or More	9.1	2.2	3.6	7.1	20.4	2.9	3.5	12.5
Full Bathrooms								
None or 1	58.5	86.6	73.2	57.2	31.2	81.8	79.1	2.1
2	35.4	12.0	25.0	38.6	53.9	16.2	19.1	4.8
3 or More	6.1	Q	1.7	4.2	14.9	2.1	1.7	17.3
Half Bathrooms								
None	72.0	89.1	80.2	72.7	54.4	86.8	83.3	1.5
1	26.1	10.1	19.0	25.5	42.0	12.5	15.8	5.7
2 or More	Q	Q	Q	Q	Q	Q	Q	NF
Number of Stories								
Single-Family Homes	72.7	49.6	63.8	75.3	90.1	52.9	58.9	2.5
1 Story	40.5	37.4	43.5	42.6	36.4	38.4	39.9	4.3
2 Stories	26.5	10.5	17.5	28.1	41.9	13.0	16.7	6.5
3 Stories	3.2	Q	1.8	2.2	6.7	Q	1.8	16.4
Split-Level	2.4	Q	0.9	2.4	4.9	Q	Q	19.3
Other	Q	Q	Q	Q	Q	Q	Q	NF
Mobile Homes	6.2	7.8	10.8	5.4	1.6	9.5	8.8	13.0
Number of Floors in Apartment Buildings								
1 or 2 Floors	10.7	21.0	14.6	9.7	3.0	18.8	17.1	10.1
3 or 4 Floors	5.3	7.4	6.5	5.8	2.7	7.8	6.9	18.2
5 to 10 Floors	2.0	5.7	1.9	1.5	1.0	4.8	3.5	20.1
11 to 20 Floors	0.8	3.6	0.5	Q	Q	2.6	1.7	31.0
More than 20 Floors	0.2	Q	Q	Q	Q	Q	Q	45.3
Don't Know/No Answer	2.0	4.8	1.6	1.8	1.2	3.5	3.0	21.1
Foundation/Basement of Single-Family Homes (More than one may apply)								
Basement	32.7	15.6	24.6	35.6	46.2	16.0	22.8	6.0
Crawlspace	22.2	19.6	23.4	23.0	21.1	21.3	20.9	6.7
Concrete Slab	22.6	16.1	19.4	21.3	30.5	17.9	18.0	7.0
Not Asked (Mobile Homes and Multi-Family Units)	27.3	50.4	36.2	24.7	9.9	47.1	41.1	5.3
Garage/Carport								
Yes	53.7	24.6	42.5	56.3	76.3	25.2	34.0	3.6
1-Car Garage	16.0	11.5	16.5	18.1	15.3	10.0	14.4	7.8
2-Car Garage	29.2	7.9	17.7	30.2	50.3	10.0	12.7	6.7
3-Car Garage	2.7	Q	1.0	2.2	6.1	Q	1.1	18.3
Covered Carport	6.3	4.9	7.7	6.6	5.3	4.8	6.1	11.6
No	25.2	32.8	32.1	24.3	15.4	37.2	33.6	5.6
Not Asked (Apartments)	21.1	42.6	25.4	19.4	8.3	37.6	32.3	6.4

See footnotes at end of table.

Table HC1-3b. Housing Unit Characteristics by Household Income, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.4	1.0	0.9	1.1	1.3	1.0	
Fuels Used For Any Use (more than one often used)								
Electricity	100.0	99.7	100.0	100.0	100.0	99.9	99.9	NE
Natural Gas	61.0	60.0	58.4	60.9	64.3	62.4	59.9	3.4
Wood	14.8	5.2	10.2	15.0	24.1	7.4	8.8	8.8
Fuel Oil	9.8	9.7	8.6	10.1	10.7	9.5	10.0	10.5
LPG	8.0	7.8	8.4	8.6	6.9	7.9	8.2	12.5
Kerosene	3.4	3.0	4.3	3.8	2.3	4.3	4.1	14.2
Solar	0.7	Q	Q	0.6	1.2	Q	Q	38.5
Main Heating Fuel								
Natural Gas	52.7	46.8	50.6	53.4	56.9	49.0	49.2	4.0
Electricity	29.2	33.2	31.1	27.2	27.4	30.1	30.6	5.9
Fuel Oil	9.3	9.5	8.2	9.8	9.9	9.1	9.6	10.6
LPG	4.5	4.5	5.0	5.6	2.8	4.8	4.8	14.9
Wood	2.2	2.1	2.6	2.0	1.8	2.1	2.4	18.2
Kerosene	1.0	1.7	1.2	1.1	Q	2.0	1.3	23.9
Solar	Q	Q	Q	Q	Q	Q	Q	NF
Other/None	1.1	2.3	1.3	0.8	0.8	3.1	2.1	24.9

¹ Below 150 percent of poverty line or 60 percent of median State income.

² 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.

³ Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

⁴ New construction for 1997 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

⁵ Based on the household respondent's description rather than the Federal Government definition.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC1-4b. Housing Unit Characteristics by Type of Housing Unit,
Percent of U.S. Households, 1997**

Housing Unit Characteristics	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.6	1.2	1.7	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Census Region and Division						
Northeast	19.4	18.6	30.1	24.1	7.7	7.8
New England	5.2	5.1	12.5	4.6	1.8	15.4
Middle Atlantic	14.2	13.5	17.6	19.5	5.9	9.2
Midwest	23.7	25.0	30.3	17.7	17.5	7.7
East North Central	16.7	17.0	25.8	13.7	11.9	8.5
West North Central	7.0	8.0	4.5	4.1	5.6	17.5
South	35.4	36.1	25.2	30.5	47.3	6.3
South Atlantic	18.4	18.5	12.1	18.3	23.6	10.6
East South Central	6.3	6.5	6.1	2.7	12.5	14.6
West South Central	10.7	11.2	7.1	9.5	11.2	10.0
West	21.5	20.2	14.4	27.7	27.6	8.3
Mountain	6.1	6.1	3.5	5.3	10.5	15.8
Pacific	15.4	14.1	10.9	22.4	17.1	10.7
Metropolitan Statistical Area						
Urban	77.5	75.6	80.1	93.5	56.6	2.2
Central City	36.2	32.2	53.6	55.6	19.5	7.9
Suburban	41.3	43.4	26.5	38.0	37.2	7.9
Rural	22.5	24.4	19.9	6.5	43.4	8.1
Climate Zone¹						
Fewer than 2,000 CDD and--						
More than 7,000 HDD	9.1	10.5	8.5	3.7	7.2	25.4
5,500 to 7,000 HDD	27.6	27.7	39.5	25.4	21.4	11.9
4,000 to 5,499 HDD	22.2	21.4	23.1	27.3	17.3	13.2
Fewer than 4,000 HDD	19.2	18.6	15.0	21.9	23.2	13.7
2,000 CDD or More and --						
Fewer than 4,000 HDD	21.9	21.7	14.0	21.6	30.9	12.1
Estimated Heated Floorspace Category (square feet)²						
Fewer than 600	7.8	2.6	23.6	23.4	14.4	10.2
600 to 999	21.2	12.9	40.4	45.4	40.3	5.5
1,000 to 1,599	29.9	34.0	15.3	16.5	29.1	7.2
1,600 to 1,999	15.1	19.5	Q	2.2	6.6	9.6
2,000 to 2,399	7.8	10.4	Q	Q	Q	10.0
2,400 to 2,999	5.3	7.1	Q	Q	Q	13.6
3,000 or More	4.1	5.5	Q	Q	Q	19.6
No Estimate Provided	9.0	8.0	16.5	11.7	7.0	12.3
Year of Construction						
1939 or Before	18.5	19.6	31.5	14.9	Q	9.3
1940 to 1949	9.1	9.9	13.3	6.9	Q	10.7
1950 to 1959	12.4	14.5	7.4	8.2	2.7	10.9
1960 to 1969	14.2	13.5	15.7	17.2	14.7	9.1
1970 to 1979	19.3	16.7	16.6	26.8	33.2	7.1
1980 to 1989	17.1	16.2	12.7	19.1	26.1	10.1
1990 to 1997 ³	9.6	9.7	Q	7.0	20.8	15.2
Urban/Rural Location⁴						
City	47.5	42.5	68.6	71.0	28.6	5.0
Town	17.9	18.8	20.9	14.0	15.8	11.4
Suburbs	18.3	20.9	8.0	12.7	11.6	12.0
Rural or Open Country	16.2	17.8	2.5	2.4	44.0	12.3

See footnotes at end of table.

**Table HC1-4b. Housing Unit Characteristics by Type of Housing Unit,
Percent of U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.6	1.2	1.7	
Total Number of Rooms (Excluding Bathrooms)						
1 or 2	3.0	0.6	5.6	13.4	3.1	18.6
3	9.0	2.2	28.1	35.5	6.0	9.3
4	18.0	10.6	34.9	36.8	42.9	6.1
5	20.9	22.2	18.6	11.1	33.1	6.7
6	19.7	25.0	8.8	2.9	9.5	9.6
7	14.0	18.7	Q	Q	3.8	9.6
8	8.3	11.2	Q	Q	Q	10.8
9 or More	6.9	9.4	Q	Q	Q	11.9
Bedrooms						
None or 1	13.0	3.5	37.3	51.2	5.8	8.3
2	28.4	22.3	45.1	42.4	49.4	4.8
3	40.4	49.9	13.5	5.3	40.4	6.2
4 or More	18.3	24.2	4.1	1.1	4.4	14.2
Other Rooms (Excluding Bathrooms)						
None or 1	5.0	1.9	7.2	16.0	11.5	12.4
2	38.1	26.9	64.7	69.0	67.0	3.2
3	30.5	35.9	22.8	13.4	17.8	7.0
4	17.3	22.9	4.8	1.5	2.7	13.6
5 or More	9.1	12.4	Q	Q	Q	10.2
Full Bathrooms						
None or 1	58.5	50.6	90.3	85.2	55.5	2.6
2	35.4	41.1	9.7	14.7	44.2	6.9
3 or More	6.1	8.3	Q	Q	Q	16.0
Half Bathrooms						
None	72.0	65.4	91.5	88.6	89.7	1.6
1	26.1	32.0	8.5	11.4	10.3	8.7
2 or More	Q	Q	Q	Q	Q	NF
Number of Stories						
Single-Family Homes	72.7	100.0	--	--	--	2.6
1 Story	40.5	55.7	--	--	--	4.7
2 Stories	26.5	36.5	--	--	--	6.4
3 Stories	3.2	4.4	--	--	--	17.0
Split-Level	2.4	3.3	--	--	--	21.7
Other	Q	Q	--	--	--	NF
Mobile Homes	6.2	Q	--	--	100.0	16.0
Number of Floors in Apartment Buildings						
1 or 2 Floors	10.7	--	72.1	43.3	--	6.4
3 or 4 Floors	5.3	--	12.8	29.7	--	15.7
5 to 10 Floors	2.0	--	Q	12.9	--	14.2
11 to 20 Floors	0.8	--	Q	5.2	--	27.0
More than 20 Floors	0.2	--	Q	1.2	--	35.7
Don't Know/No Answer	2.0	--	14.7	7.6	--	17.2

See footnotes at end of table.

Table HC1-4b. Housing Unit Characteristics by Type of Housing Unit, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.5	1.6	1.2	1.7	
Foundation/Basement of Single-Family Homes (More than one may apply)						
Basement	32.7	45.0	--	--	--	6.5
Crawlspace	22.2	30.5	--	--	--	8.5
Concrete Slab	22.6	31.2	--	--	--	7.9
Not Asked (Mobile Homes and Multi-Family Units)	27.3	--	100.0	100.0	100.0	7.0
Garage/Carport						
Yes	53.7	71.7	--	--	25.1	4.3
1-Car Garage	16.0	21.7	--	--	4.1	10.7
2-Car Garage	29.2	39.8	--	--	4.7	8.8
3-Car Garage	2.7	3.7	--	--	Q	16.6
Covered Carport	6.3	7.4	--	--	16.0	12.5
No	25.2	28.3	--	--	74.9	5.2
Not Asked (Apartments)	21.1	Q	100.0	100.0	Q	8.4
Fuels Used For Any Use (more than one often used)						
Electricity	100.0	100.0	100.0	99.9	100.0	NE
Natural Gas	61.0	63.7	68.2	55.5	36.7	4.9
Wood	14.8	19.0	Q	1.4	10.6	12.1
Fuel Oil	9.8	10.2	8.5	11.6	Q	14.0
LPG	8.0	8.4	Q	Q	27.0	14.0
Kerosene	3.4	3.7	Q	Q	9.2	14.5
Solar	0.7	0.9	Q	Q	Q	48.7
Main Heating Fuel						
Natural Gas	52.7	57.6	61.3	34.6	33.3	6.0
Electricity	29.2	24.0	28.9	49.9	37.3	7.3
Fuel Oil	9.3	9.6	8.1	11.3	Q	14.1
LPG	4.5	4.8	Q	Q	15.7	16.5
Wood	2.2	2.6	Q	Q	4.3	20.3
Kerosene	1.0	0.7	Q	Q	5.9	25.4
Solar	Q	Q	Q	Q	Q	NF
Other/None	1.1	0.7	Q	3.4	Q	31.4

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 Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

³ New construction for 1997 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.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

Table HC1-5b. Housing Unit Characteristics by Type of Owner-Occupied Housing Unit, Percent of U.S. Households, 1997

Housing Unit Characteristics	Total Owner-Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.4	1.9	2.0	1.3	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Census Region and Division						
Northeast	18.6	19.3	36.2	25.8	6.7	11.6
New England	5.3	5.4	13.8	Q	Q	18.2
Middle Atlantic	13.3	13.8	22.4	18.4	5.1	13.3
Midwest	25.3	25.8	44.2	Q	18.5	9.6
East North Central	17.3	17.5	36.6	Q	12.7	11.4
West North Central	8.0	8.3	Q	Q	5.9	20.1
South	37.0	36.7	Q	31.0	46.8	7.2
South Atlantic	18.9	18.9	Q	19.0	20.6	12.2
East South Central	7.2	6.8	Q	Q	13.1	10.8
West South Central	10.9	10.9	Q	Q	13.1	10.9
West	19.1	18.3	Q	32.0	27.9	11.0
Mountain	6.1	5.8	Q	Q	10.4	17.9
Pacific	12.9	12.5	Q	25.5	17.5	14.0
Metropolitan Statistical Area						
Urban	74.4	75.4	79.5	86.4	59.7	3.8
Central City	30.1	30.3	51.1	44.0	21.0	13.5
Suburban	44.3	45.1	28.4	42.4	38.7	11.5
Rural	25.6	24.6	20.5	13.6	40.3	12.0
Climate Zone¹						
Fewer than 2,000 CDD and--						
More than 7,000 HDD	10.3	10.7	Q	Q	6.9	35.2
5,500 to 7,000 HDD	28.2	28.4	56.8	26.4	21.2	16.9
4,000 to 5,499 HDD	21.6	21.7	23.4	34.4	17.6	18.7
Fewer than 4,000 HDD	17.6	17.4	Q	Q	23.5	24.4
2,000 CDD or More and --						
Fewer than 4,000 HDD	22.3	21.7	Q	26.2	30.9	17.6
Estimated Heated Floorspace Category (square feet)²						
Fewer than 600	2.4	1.2	Q	Q	12.7	26.6
600 to 999	12.5	9.5	33.1	36.2	38.3	11.7
1,000 to 1,599	33.5	33.8	25.4	30.1	32.2	9.1
1,600 to 1,999	19.8	21.3	Q	Q	7.3	10.6
2,000 to 2,399	10.7	11.7	Q	Q	Q	12.9
2,400 to 2,999	7.5	8.3	Q	Q	Q	16.7
3,000 or More	6.0	6.6	Q	Q	Q	23.7
No Estimate Provided	7.6	7.5	Q	Q	6.5	17.8
Year of Construction						
1939 or Before	17.8	19.1	49.1	Q	Q	10.8
1940 to 1949	8.4	9.2	Q	Q	Q	16.5
1950 to 1959	13.0	14.2	Q	Q	Q	13.5
1960 to 1969	13.4	13.3	Q	19.6	14.6	13.5
1970 to 1979	18.7	16.9	23.9	48.4	31.9	11.1
1980 to 1989	17.5	17.0	Q	Q	27.1	12.2
1990 to 1997 ³	11.1	10.3	Q	Q	23.6	17.3
Urban/Rural Location⁴						
City	40.1	40.1	66.9	68.3	28.9	8.2
Town	18.2	18.6	19.9	Q	15.4	17.0
Suburbs	21.4	22.2	Q	20.9	13.1	13.7
Rural or Open Country	20.3	19.0	Q	Q	42.6	11.0

See footnotes at end of table.

Table HC1-5b. Housing Unit Characteristics by Type of Owner-Occupied Housing Unit, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total Owner-Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.4	1.9	2.0	1.3	
Total Number of Rooms (Excluding Bathrooms)						
1 or 2	0.4	Q	Q	Q	2.7	48.7
3	1.8	0.9	Q	24.6	5.5	23.7
4	10.9	7.3	38.3	46.4	39.5	9.9
5	21.9	20.9	25.0	15.1	35.1	9.9
6	24.4	26.1	Q	Q	10.8	9.7
7	19.1	20.8	Q	Q	4.5	11.8
8	11.6	12.9	Q	Q	Q	12.9
9 or More	9.9	10.9	Q	Q	Q	15.4
Bedrooms						
None or 1	2.9	1.8	Q	38.1	5.8	19.7
2	21.5	18.3	49.9	54.0	46.9	7.7
3	50.8	52.8	23.9	Q	42.1	6.8
4 or More	24.8	27.1	Q	Q	5.3	11.4
Other Rooms (Excluding Bathrooms)						
None or 1	1.8	1.1	Q	Q	9.2	27.5
2	27.0	22.5	55.8	60.2	66.3	6.4
3	34.9	36.5	24.5	29.3	20.0	10.5
4	23.4	25.6	Q	Q	3.3	12.6
5 or More	12.9	14.3	Q	Q	Q	12.8
Full Bathrooms						
None or 1	46.3	45.3	70.2	64.9	49.9	5.7
2	45.0	45.0	29.8	33.7	49.7	7.7
3 or More	8.7	9.7	Q	Q	Q	20.3
Half Bathrooms						
None	65.3	62.4	85.5	87.3	90.6	2.9
1	32.1	34.7	Q	Q	9.4	9.1
2 or More	Q	Q	Q	Q	Q	NF
Number of Stories						
Single-Family Homes	89.3	100.0	--	--	--	NE
1 Story	48.6	54.4	--	--	--	6.0
2 Stories	33.4	37.4	--	--	--	8.4
3 Stories	4.0	4.4	--	--	--	25.1
Split-Level	3.3	3.6	--	--	--	27.5
Other	Q	Q	--	--	--	NF
Mobile Homes	7.7	Q	--	--	100.0	21.8
Number of Floors in Apartment Buildings						
1 or 2 Floors	1.3	--	55.8	29.5	--	15.9
3 or 4 Floors	0.7	--	Q	34.7	--	33.7
5 to 10 Floors	0.3	--	Q	18.0	--	25.9
11 to 20 Floors	Q	--	Q	Q	--	Q
More than 20 Floors	Q	--	Q	Q	--	Q
Don't Know/No Answer	0.6	--	34.6	Q	--	20.7

See footnotes at end of table.

Table HC1-5b. Housing Unit Characteristics by Type of Owner-Occupied Housing Unit, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total Owner-Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.4	1.9	2.0	1.3	
Foundation/Basement of Single-Family Homes (More than one may apply)						
Basement	42.2	47.3	--	--	--	8.0
Crawlspace	26.6	29.7	--	--	--	10.4
Concrete Slab	27.0	30.2	--	--	--	10.9
Not Asked (Mobile Homes and Multi-Family Units)	10.7	--	100.0	100.0	100.0	18.1
Garage/Carport						
Yes	70.8	76.9	--	--	27.7	5.3
1-Car Garage	19.7	21.7	--	--	4.4	14.0
2-Car Garage	39.9	44.3	--	--	5.0	11.3
3-Car Garage	4.0	4.4	--	--	Q	19.3
Covered Carport	8.0	7.5	--	--	18.2	16.6
No	26.2	23.1	--	--	72.3	8.0
Not Asked (Apartments)	3.0	--	100.0	100.0	--	38.8
Fuels Used For Any Use (more than one often used)						
Electricity	100.0	100.0	100.0	100.0	100.0	NE
Natural Gas	61.2	62.9	85.5	53.8	38.8	6.6
Wood	19.2	20.4	Q	Q	12.0	11.5
Fuel Oil	10.2	10.9	Q	15.7	Q	18.2
LPG	9.8	8.8	Q	Q	25.3	17.9
Kerosene	3.9	3.7	Q	Q	8.3	19.8
Solar	0.9	1.0	Q	Q	Q	62.9
Main Heating Fuel						
Natural Gas	55.2	57.0	81.9	29.7	35.1	8.0
Electricity	25.3	23.9	Q	49.7	38.5	10.4
Fuel Oil	9.6	10.3	Q	15.7	Q	17.8
LPG	5.4	4.8	Q	Q	15.0	21.7
Wood	2.7	2.6	Q	Q	4.5	28.3
Kerosene	1.0	0.6	Q	Q	5.3	38.3
Solar	Q	Q	Q	Q	Q	NF
Other/None	0.7	0.7	Q	Q	Q	NF

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 Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

³ New construction for 1997 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.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC1-6b. Housing Unit Characteristics by Type of Rented Housing Unit,
Percent of U.S. Households, 1997**

Housing Unit Characteristics	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.6	0.7	1.3	0.9	2.0	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Census Region and Division						
Northeast	21.1	15.7	28.9	23.9	Q	10.1
New England	5.1	3.5	12.3	4.4	Q	21.5
Middle Atlantic	16.0	12.2	16.6	19.5	Q	11.8
Midwest	20.5	21.2	27.6	18.3	12.1	14.2
East North Central	15.4	14.4	23.7	14.0	Q	14.3
West North Central	5.1	6.7	3.9	4.3	Q	31.8
South	31.8	33.6	27.5	30.4	49.6	9.2
South Atlantic	17.4	16.3	12.7	18.2	38.2	13.9
East South Central	4.2	5.0	6.6	2.4	Q	25.4
West South Central	10.3	12.3	8.2	9.8	Q	15.8
West	26.5	29.5	16.0	27.3	26.1	10.9
Mountain	6.0	7.5	3.4	5.2	Q	23.1
Pacific	20.5	22.0	12.6	22.1	15.1	13.8
Metropolitan Statistical Area						
Urban	83.9	77.0	80.3	94.1	41.6	3.4
Central City	49.0	41.6	54.1	56.5	11.8	9.5
Suburban	34.9	35.4	26.2	37.6	29.8	11.7
Rural	16.1	23.0	19.7	5.9	58.4	12.8
Climate Zone¹						
Fewer than 2,000 CDD and--						
More than 7,000 HDD	6.8	9.3	8.6	3.8	Q	30.8
5,500 to 7,000 HDD	26.4	24.3	36.0	25.3	22.3	14.2
4,000 to 5,499 HDD	23.3	20.0	23.0	26.7	16.0	15.0
Fewer than 4,000 HDD	22.6	24.6	17.2	22.8	21.8	13.5
2,000 CDD or More and --						
Fewer than 4,000 HDD	20.9	21.8	15.2	21.3	31.1	13.6
Estimated Heated Floorspace Category (square feet)²						
Fewer than 600	18.8	9.5	26.3	24.1	22.7	10.9
600 to 999	39.2	29.4	41.9	46.1	49.9	6.1
1,000 to 1,599	22.5	34.7	13.3	15.5	14.0	12.3
1,600 to 1,999	5.2	10.8	Q	1.9	Q	18.4
2,000 to 2,399	1.7	4.0	Q	Q	Q	28.7
2,400 to 2,999	0.7	1.3	Q	Q	Q	47.6
3,000 or More	Q	Q	Q	Q	Q	NF
No Estimate Provided	12.0	10.3	16.7	12.1	Q	15.8
Year of Construction						
1939 or Before	19.8	22.4	28.0	15.7	Q	12.2
1940 to 1949	10.3	13.4	13.9	7.1	Q	14.0
1950 to 1959	11.1	15.8	8.4	8.3	Q	12.9
1960 to 1969	15.9	14.0	17.6	17.0	15.4	12.8
1970 to 1979	20.5	15.5	15.2	25.1	39.4	10.9
1980 to 1989	16.1	12.3	13.5	19.9	21.4	15.4
1990 to 1997 ³	6.3	6.6	Q	6.9	Q	28.1
Urban/Rural Location⁴						
City	62.9	54.2	69.0	71.2	27.2	6.1
Town	17.4	19.6	21.1	14.4	17.6	14.4
Suburbs	12.0	14.2	7.4	12.0	Q	19.6
Rural or Open Country	7.7	12.0	2.6	2.4	50.9	18.3

See footnotes at end of table.

Table HC1-6b. Housing Unit Characteristics by Type of Rented Housing Unit, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.6	0.7	1.3	0.9	2.0	
Total Number of Rooms (Excluding Bathrooms)						
1 or 2	8.4	2.6	6.7	14.1	Q	19.1
3	24.1	8.1	32.4	36.4	Q	9.5
4	32.9	26.6	34.3	36.0	59.6	7.3
5	18.9	28.7	17.3	10.8	23.2	10.6
6	9.9	19.8	8.1	2.5	Q	15.6
7	3.6	8.8	Q	Q	Q	18.0
8	1.3	3.3	Q	Q	Q	32.4
9 or More	0.8	2.0	Q	Q	Q	39.7
Bedrooms						
None or 1	33.9	11.7	42.3	52.3	Q	7.2
2	42.7	41.9	44.1	41.5	62.0	6.0
3	18.7	36.0	11.5	5.2	32.0	11.5
4 or More	4.8	10.4	Q	Q	Q	18.9
Other Rooms (Excluding Bathrooms)						
None or 1	11.5	5.5	8.6	16.7	22.7	14.8
2	61.0	48.2	66.5	69.7	70.4	3.8
3	21.4	33.0	22.5	12.2	Q	10.5
4	4.8	9.9	Q	1.4	Q	23.6
5 or More	1.3	3.3	Q	Q	Q	32.8
Full Bathrooms						
None or 1	83.8	76.4	94.3	86.8	83.1	2.3
2	15.6	21.9	5.7	13.2	16.9	14.9
3 or More	0.6	1.7	Q	Q	Q	46.2
Half Bathrooms						
None	85.7	79.6	92.7	88.7	85.4	2.3
1	13.7	18.9	7.3	11.3	14.6	15.2
2 or More	Q	Q	Q	Q	Q	NF
Number of Stories						
Single-Family Homes	38.2	100.0	--	--	--	7.2
1 Story	23.7	62.0	--	--	--	6.7
2 Stories	12.4	32.4	--	--	--	10.1
3 Stories	1.5	4.0	--	--	--	29.6
Split-Level	0.5	1.4	--	--	--	69.7
Other	Q	Q	--	--	--	NF
Mobile Homes	3.2	Q	--	--	100.0	25.4
Number of Floors in Apartment Buildings						
1 or 2 Floors	30.4	--	75.4	44.4	--	7.0
3 or 4 Floors	14.9	--	13.5	29.4	--	17.7
5 to 10 Floors	5.6	--	Q	12.5	--	16.2
11 to 20 Floors	2.2	--	Q	5.0	--	30.8
More than 20 Floors	0.6	--	Q	1.3	--	39.4
Don't Know/No Answer	4.8	--	10.8	7.3	--	25.2

See footnotes at end of table.

Table HC1-6b. Housing Unit Characteristics by Type of Rented Housing Unit, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Multifamily		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.6	0.7	1.3	0.9	2.0	
Foundation/Basement of Single-Family Homes (More than one may apply)						
Basement	13.0	34.0	--	--	--	9.9
Crawlspace	13.1	34.2	--	--	--	12.3
Concrete Slab	13.6	35.6	--	--	--	10.0
Not Asked (Mobile Homes and Multi-Family Units)	61.8	--	100.0	100.0	100.0	4.5
Garage/Carport						
Yes	18.2	46.6	--	--	12.5	9.6
1-Car Garage	8.4	21.7	--	--	Q	14.9
2-Car Garage	7.1	18.2	--	--	Q	14.7
3-Car Garage	Q	Q	--	--	Q	NF
Covered Carport	2.8	6.9	--	--	Q	23.0
No	23.2	53.4	--	--	87.5	4.6
Not Asked (Apartments)	58.6	--	100.0	100.0	--	4.6
Fuels Used For Any Use (more than one often used)						
Electricity	99.9	100.0	100.0	99.9	100.0	NE
Natural Gas	60.6	67.7	64.8	55.7	26.4	7.0
Wood	5.6	12.1	Q	1.5	Q	21.5
Fuel Oil	9.1	6.7	8.8	11.3	Q	17.8
LPG	4.1	6.4	Q	Q	35.1	19.3
Kerosene	2.4	3.9	Q	Q	13.6	27.1
Solar	Q	Q	Q	Q	Q	NF
Main Heating Fuel						
Natural Gas	47.5	60.2	57.2	35.0	24.8	8.5
Electricity	37.2	24.8	32.4	49.9	31.4	9.5
Fuel Oil	8.6	6.2	8.3	11.0	Q	18.3
LPG	2.6	4.5	Q	Q	19.1	22.8
Wood	1.1	2.4	Q	Q	Q	32.9
Kerosene	0.9	1.1	Q	Q	Q	56.3
Solar	Q	Q	Q	Q	Q	NF
Other/None	2.0	0.8	Q	3.4	Q	NF

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 Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

³ New construction for 1997 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.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC1-7b. Housing Unit Characteristics by Four Most Populated States,
Percent of U.S. Households, 1997**

Housing Unit Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.1	1.1	1.2	1.6	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Census Region and Division						
Northeast	19.4	100.0	--	--	--	NF
New England	5.2	Q	--	--	--	NF
Middle Atlantic	14.2	100.0	--	--	--	NF
Midwest	23.7	--	--	--	--	NF
East North Central	16.7	--	--	--	--	NF
West North Central	7.0	--	--	--	--	NF
South	35.4	--	--	100.0	100.0	NF
South Atlantic	18.4	--	--	Q	100.0	NF
East South Central	6.3	--	--	Q	Q	NF
West South Central	10.7	--	--	100.0	Q	NF
West	21.5	--	100.0	--	--	NF
Mountain	6.1	--	Q	--	--	NF
Pacific	15.4	--	100.0	--	--	NF
Metropolitan Statistical Area						
Urban	77.5	91.4	95.5	83.2	91.7	1.2
Central City	36.2	50.4	39.2	45.6	43.0	10.7
Suburban	41.3	41.1	56.3	37.6	48.7	10.1
Rural	22.5	8.6	4.5	16.8	8.3	10.5
Climate Zone¹						
Fewer than 2,000 CDD and-- More than 7,000 HDD	9.1	7.7	Q	Q	Q	20.3
5,500 to 7,000 HDD	27.6	35.6	Q	Q	Q	11.2
4,000 to 5,499 HDD	22.2	56.7	5.1	Q	Q	9.1
Fewer than 4,000 HDD	19.2	Q	86.2	Q	Q	4.9
2,000 CDD or More and -- Fewer than 4,000 HDD	21.9	Q	8.6	92.3	100.0	10.1
Estimated Heated Floorspace Category (square feet)²						
Fewer than 600	7.8	12.9	12.4	6.7	4.3	14.4
600 to 999	21.2	23.7	23.4	20.3	13.8	9.8
1,000 to 1,599	29.9	24.7	26.5	28.8	42.8	7.0
1,600 to 1,999	15.1	10.0	13.4	15.4	15.1	11.9
2,000 to 2,399	7.8	6.4	8.4	9.4	7.0	16.0
2,400 to 2,999	5.3	4.1	5.1	5.9	5.3	19.3
3,000 or More	4.1	3.1	2.2	Q	5.4	28.1
No Estimate Provided	9.0	15.0	8.6	6.2	6.4	18.2
Ownership of Unit						
Owned	67.5	55.3	54.1	63.9	74.8	4.1
Rented	32.5	44.7	45.9	36.1	25.2	7.1

See footnotes at end of table.

Table HC1-7b. Housing Unit Characteristics by Four Most Populated States, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.1	1.1	1.2	1.6	
Type and Ownership of Housing Unit						
Single-Family Detached	62.9	43.6	56.9	71.7	62.8	4.3
Owned	54.8	40.9	44.9	58.9	56.9	4.8
Rented	8.0	2.7	12.0	12.8	5.9	16.2
Single-Family Attached	9.8	12.7	11.2	3.2	14.3	21.8
Owned	5.4	7.7	4.3	Q	11.6	25.1
Rented	4.4	5.0	6.8	2.3	Q	25.4
Multifamily (2 to 4 units)	5.5	7.3	4.4	3.8	Q	24.5
Owned	0.9	2.1	Q	Q	Q	40.8
Rented	4.6	5.2	4.2	3.8	Q	23.5
Multifamily (5 or more units)	15.6	33.9	23.2	17.4	17.0	12.1
Owned	1.1	2.9	Q	Q	Q	24.6
Rented	14.4	31.0	22.3	17.1	13.7	12.5
Mobile Home	6.2	Q	4.4	4.0	Q	28.6
Owned	5.2	Q	3.8	3.9	1.9	27.7
Rented	1.1	Q	Q	Q	Q	36.5
Year of Construction						
1939 or Before	18.5	36.5	9.5	8.4	5.5	11.4
1940 to 1949	9.1	10.7	14.6	9.4	1.6	14.9
1950 to 1959	12.4	15.4	14.4	10.4	11.1	11.3
1960 to 1969	14.2	13.4	16.7	20.1	9.1	11.9
1970 to 1979	19.3	10.4	19.4	21.1	27.5	10.8
1980 to 1989	17.1	5.4	18.1	17.6	34.1	16.5
1990 to 1997 ³	9.6	8.1	7.3	12.9	11.2	21.0
Urban/Rural Location⁴						
City	47.5	45.2	69.7	54.9	55.4	6.1
Town	17.9	13.2	13.4	17.5	9.6	20.2
Suburbs	18.3	27.1	10.5	16.6	25.1	15.9
Rural or Open Country	16.2	14.5	6.4	11.0	9.9	14.9
Total Number of Rooms (Excluding Bathrooms)						
1 or 2	3.0	4.0	7.7	4.0	Q	18.5
3	9.0	16.6	14.7	12.9	5.8	12.3
4	18.0	21.9	19.8	13.6	15.5	13.5
5	20.9	13.4	19.5	23.5	22.9	8.7
6	19.7	19.4	17.2	18.2	20.8	7.5
7	14.0	9.9	10.9	12.8	18.7	13.1
8	8.3	7.4	5.5	6.1	7.4	19.5
9 or More	6.9	7.5	4.6	8.8	7.0	17.3
Bedrooms						
None or 1	13.0	22.1	21.3	17.8	7.7	12.0
2	28.4	28.2	29.6	20.7	32.2	9.6
3	40.4	32.0	31.7	42.4	46.5	6.2
4 or More	18.3	17.7	17.4	19.1	13.5	12.2

See footnotes at end of table.

Table HC1-7b. Housing Unit Characteristics by Four Most Populated States, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.1	1.1	1.2	1.6	
Other Rooms (Excluding Bathrooms)						
None or 1	5.0	6.7	11.6	6.6	Q	17.5
2	38.1	41.4	43.5	40.4	28.4	6.4
3	30.5	28.7	28.9	28.3	39.3	6.6
4	17.3	15.0	11.0	16.0	20.0	10.5
5 or More	9.1	8.3	5.0	8.6	9.5	13.7
Full Bathrooms						
None or 1	58.5	73.2	54.0	52.6	34.4	5.0
2	35.4	24.4	36.4	39.4	55.6	7.7
3 or More	6.1	2.4	9.6	Q	10.0	20.4
Half Bathrooms						
None	72.0	68.3	78.4	77.8	79.6	3.2
1	26.1	28.8	20.9	21.4	19.6	9.0
2 or More	Q	Q	Q	Q	Q	NF
Number of Stories						
Single-Family Homes	72.7	56.3	68.0	74.8	77.1	4.5
1 Story	40.5	15.5	46.6	59.3	66.4	6.9
2 Stories	26.5	35.4	18.8	15.3	10.7	14.2
3 Stories	3.2	3.9	1.1	Q	Q	26.5
Split-Level	2.4	1.3	Q	Q	Q	24.5
Other	Q	Q	Q	Q	Q	NF
Mobile Homes	6.2	Q	4.4	4.0	Q	28.6
Number of Floors in Apartment Buildings						
1 or 2 Floors	10.7	Q	18.6	17.5	13.4	14.9
3 or 4 Floors	5.3	10.2	5.3	Q	Q	21.7
5 to 10 Floors	2.0	17.2	Q	Q	1.7	16.4
11 to 20 Floors	0.8	4.5	Q	Q	Q	14.2
More than 20 Floors	0.2	Q	0.3	Q	Q	21.9
Don't Know/No Answer	2.0	3.9	2.1	1.0	Q	25.3
Foundation/Basement of Single-Family Homes (More than one may apply)						
Basement	32.7	48.5	4.9	Q	Q	9.0
Crawlspace	22.2	4.6	30.6	26.0	10.2	15.8
Concrete Slab	22.6	7.2	35.2	48.7	66.2	8.5
Not Asked (Mobile Homes and Multi-Family Units)	27.3	43.7	32.0	25.2	22.9	10.6
Garage/Carport						
Yes	53.7	40.7	59.4	58.8	51.7	5.1
1-Car Garage	16.0	16.9	12.9	9.7	16.6	11.5
2-Car Garage	29.2	20.2	39.2	36.5	28.8	6.7
3-Car Garage	2.7	2.4	4.8	1.9	Q	23.2
Covered Carport	6.3	1.2	2.9	12.0	7.2	17.6
No	25.2	18.0	13.0	20.1	28.5	11.2
Not Asked (Apartments)	21.1	41.3	27.6	21.2	19.8	10.4

See footnotes at end of table.

Table HC1-7b. Housing Unit Characteristics by Four Most Populated States, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.1	1.1	1.2	1.6	
Fuels Used For Any Use (more than one often used)						
Electricity	100.0	100.0	99.8	100.0	100.0	NE
Natural Gas	61.0	75.0	84.5	67.6	19.4	5.9
Wood	14.8	12.3	18.5	12.3	11.5	15.8
Fuel Oil	9.8	42.6	Q	Q	Q	17.6
LPG	8.0	8.1	3.7	4.7	6.4	21.4
Kerosene	3.4	Q	1.0	Q	Q	26.0
Solar	0.7	Q	0.7	Q	Q	46.3
Main Heating Fuel						
Natural Gas	52.7	49.8	68.2	54.1	11.0	8.6
Electricity	29.2	5.5	25.0	41.3	79.5	10.7
Fuel Oil	9.3	39.6	Q	Q	Q	16.5
LPG	4.5	Q	1.9	3.8	2.2	22.7
Wood	2.2	2.7	2.8	Q	Q	24.2
Kerosene	1.0	1.6	0.7	Q	Q	34.2
Solar	Q	Q	Q	Q	Q	NF
Other/None	1.1	0.3	Q	Q	Q	22.4

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 Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

³ New construction for 1997 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.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC1-8b. Housing Unit Characteristics by Urban/Rural Location,
Percent of U.S. Households, 1997**

Housing Unit Characteristics	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.2	
Total	100.0	100.0	100.0	100.0	100.0	0.0
Census Region and Division						
Northeast	19.4	14.2	28.3	23.2	20.7	8.1
New England	5.2	4.1	11.4	2.4	4.9	14.0
Middle Atlantic	14.2	10.1	16.9	20.8	15.8	10.1
Midwest	23.7	23.6	24.9	24.2	22.1	7.1
East North Central	16.7	18.4	13.9	16.5	14.7	8.6
West North Central	7.0	5.2	11.0	7.7	7.4	14.2
South	35.4	34.1	29.1	37.2	43.9	5.9
South Atlantic	18.4	17.2	12.7	23.6	22.3	9.6
East South Central	6.3	4.3	6.1	4.8	13.7	14.5
West South Central	10.7	12.5	10.3	8.8	7.8	12.9
West	21.5	28.1	17.7	15.4	13.3	9.0
Mountain	6.1	8.2	5.3	3.0	4.5	13.9
Pacific	15.4	19.9	12.4	12.4	8.9	11.4
Metropolitan Statistical Area						
Urban	77.5	87.9	55.3	94.8	52.0	3.6
Central City	36.2	57.7	13.4	24.8	11.5	9.1
Suburban	41.3	30.2	41.9	70.0	40.4	5.9
Rural	22.5	12.1	44.7	5.2	48.0	7.9
Climate Zone²						
Fewer than 2,000 CDD and--						
More than 7,000 HDD	9.1	7.8	13.0	5.1	13.4	20.6
5,500 to 7,000 HDD	27.6	25.5	31.0	31.5	25.9	11.7
4,000 to 5,499 HDD	22.2	17.7	23.4	30.5	24.6	11.9
Fewer than 4,000 HDD	19.2	23.5	17.7	11.6	16.9	15.3
2,000 CDD or More and --						
Fewer than 4,000 HDD	21.9	25.5	15.0	21.3	19.3	11.1
Estimated Heated Floorspace Category (square feet)³						
Fewer than 600	7.8	10.4	7.9	3.3	5.1	11.2
600 to 999	21.2	25.7	22.8	12.9	15.6	6.7
1,000 to 1,599	29.9	30.1	28.6	30.7	29.8	4.9
1,600 to 1,999	15.1	12.5	16.1	18.2	18.0	6.7
2,000 to 2,399	7.8	6.0	6.5	12.3	9.3	9.1
2,400 to 2,999	5.3	3.2	5.2	9.4	6.8	12.7
3,000 or More	4.1	2.6	3.9	6.9	5.3	15.3
No Estimate Provided	9.0	9.6	9.0	6.4	10.1	11.8
Ownership of Unit						
Owned	67.5	56.9	68.4	78.7	84.6	2.3
Rented	32.5	43.1	31.6	21.3	15.4	6.0

See footnotes at end of table.

Table HC1-8b. Housing Unit Characteristics by Urban/Rural Location, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.2	
Type and Ownership of Housing Unit						
Single-Family Detached	62.9	53.4	66.5	71.4	76.8	2.7
Owned	54.8	44.9	57.2	65.6	69.3	3.1
Rented	8.0	8.6	9.3	5.8	7.5	9.8
Single-Family Attached	9.8	11.6	9.4	11.4	3.2	12.9
Owned	5.4	6.0	5.2	7.6	1.5	17.7
Rented	4.4	5.6	4.2	3.8	1.7	15.9
Multifamily (2 to 4 units)	5.5	8.0	6.4	2.4	0.9	16.1
Owned	0.9	1.3	1.0	0.5	Q	31.4
Rented	4.6	6.7	5.4	1.9	0.7	16.9
Multifamily (5 or more units)	15.6	23.3	12.1	10.8	2.3	12.4
Owned	1.1	1.6	Q	1.3	Q	30.5
Rented	14.4	21.6	11.6	9.5	2.1	12.9
Mobile Home	6.2	3.7	5.5	3.9	16.9	14.0
Owned	5.2	3.1	4.4	3.7	13.6	14.6
Rented	1.1	0.6	1.0	Q	3.3	26.1
Year of Construction						
1939 or Before	18.5	21.9	22.0	6.5	18.0	8.6
1940 to 1949	9.1	11.0	9.9	5.7	6.1	9.8
1950 to 1959	12.4	13.8	10.5	15.2	7.0	7.4
1960 to 1969	14.2	13.9	14.1	15.7	13.6	7.5
1970 to 1979	19.3	18.4	17.8	20.1	22.6	6.1
1980 to 1989	17.1	14.2	16.9	23.7	18.0	8.3
1990 to 1997 ⁴	9.6	6.7	8.7	13.2	14.7	11.8
Urban/Rural Location¹						
City	47.5	100.0	--	--	--	4.6
Town	17.9	--	100.0	--	--	10.9
Suburbs	18.3	--	--	100.0	--	8.9
Rural or Open Country	16.2	--	--	--	100.0	9.3
Total Number of Rooms (Excluding Bathrooms)						
1 or 2	3.0	4.7	2.3	Q	1.3	20.1
3	9.0	13.2	7.9	4.4	3.4	11.1
4	18.0	20.4	19.5	14.2	13.7	7.7
5	20.9	21.0	21.6	16.8	24.6	5.4
6	19.7	18.1	21.1	19.6	23.3	5.7
7	14.0	11.2	13.2	18.6	18.1	7.1
8	8.3	6.6	7.5	14.6	6.8	9.6
9 or More	6.9	4.8	7.0	10.8	8.7	10.3
Bedrooms						
None or 1	13.0	18.7	11.6	6.1	5.4	9.5
2	28.4	31.7	30.7	22.1	23.2	5.3
3	40.4	35.9	38.5	44.6	50.7	4.0
4 or More	18.3	13.7	19.3	27.2	20.7	6.2

See footnotes at end of table.

Table HC1-8b. Housing Unit Characteristics by Urban/Rural Location, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.2	
Other Rooms (Excluding Bathrooms)						
None or 1	5.0	6.8	3.9	2.1	4.0	14.5
2	38.1	42.8	39.2	27.8	34.4	4.3
3	30.5	29.9	31.0	30.7	31.8	4.6
4	17.3	13.5	17.3	26.2	18.5	6.4
5 or More	9.1	7.0	8.6	13.1	11.4	8.9
Full Bathrooms						
None or 1	58.5	65.4	62.8	42.2	52.1	3.0
2	35.4	30.3	32.4	45.8	42.0	4.3
3 or More	6.1	4.3	4.8	12.0	5.9	13.4
Half Bathrooms						
None	72.0	76.8	73.0	58.1	72.3	1.9
1	26.1	21.7	26.0	38.1	26.0	4.7
2 or More	Q	Q	Q	Q	Q	NF
Number of Stories						
Single-Family Homes	72.7	65.0	75.9	82.9	80.0	2.2
1 Story	40.5	38.6	40.7	39.4	47.0	4.5
2 Stories	26.5	21.9	29.6	32.7	29.8	6.0
3 Stories	3.2	3.0	3.4	5.3	1.1	15.3
Split-Level	2.4	1.4	2.2	5.3	2.1	20.2
Other	Q	Q	Q	Q	Q	NF
Mobile Homes	6.2	3.7	5.5	3.9	16.9	14.0
Number of Floors in Apartment Buildings						
1 or 2 Floors	10.7	15.6	11.1	5.8	1.7	12.7
3 or 4 Floors	5.3	8.3	3.8	3.7	Q	20.9
5 to 10 Floors	2.0	3.1	0.8	Q	Q	21.2
11 to 20 Floors	0.8	1.6	Q	Q	Q	31.5
More than 20 Floors	0.2	0.4	Q	Q	Q	40.8
Don't Know/No Answer	2.0	2.3	2.6	1.7	0.8	27.5
Foundation/Basement of Single-Family Homes (More than one may apply)						
Basement	32.7	25.4	38.1	40.3	39.8	5.8
Crawlspace	22.2	19.5	25.0	18.3	31.3	7.1
Concrete Slab	22.6	23.0	18.9	30.7	16.8	6.8
Not Asked (Mobile Homes and Multi-Family Units)	27.3	35.0	24.1	17.1	20.0	7.0
Garage/Carport						
Yes	53.7	46.6	55.0	68.6	56.1	3.4
1-Car Garage	16.0	14.9	19.8	18.1	12.7	7.7
2-Car Garage	29.2	24.7	26.7	41.7	31.3	5.4
3-Car Garage	2.7	1.9	2.6	3.1	4.9	16.5
Covered Carport	6.3	5.9	6.6	5.8	8.1	11.9
No	25.2	22.1	26.4	18.2	40.8	6.4
Not Asked (Apartments)	21.1	31.3	18.6	13.2	3.1	10.2

See footnotes at end of table.

Table HC1-8b. Housing Unit Characteristics by Urban/Rural Location, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.6	0.8	1.3	1.3	1.2	
Fuels Used For Any Use (more than one often used)						
Electricity	100.0	100.0	100.0	100.0	99.9	NE
Natural Gas	61.0	73.3	57.7	65.6	23.3	4.3
Wood	14.8	7.3	15.5	19.9	30.3	7.6
Fuel Oil	9.8	6.6	13.1	8.5	17.1	11.6
LPG	8.0	1.9	7.9	3.2	31.2	14.2
Kerosene	3.4	2.0	3.2	2.9	8.5	15.7
Solar	0.7	0.5	Q	0.7	1.7	34.3
Main Heating Fuel						
Natural Gas	52.7	61.5	52.1	59.4	20.0	4.8
Electricity	29.2	28.9	27.3	29.5	31.7	6.0
Fuel Oil	9.3	6.4	12.5	8.2	15.6	11.5
LPG	4.5	0.8	4.9	1.1	19.0	18.6
Wood	2.2	0.6	1.8	0.6	8.9	20.2
Kerosene	1.0	0.3	1.2	Q	3.4	26.0
Solar	Q	Q	Q	Q	Q	NF
Other/None	1.1	1.5	Q	1.0	1.3	23.9

¹ Based on the household respondent's description rather than the Federal Government definition.

² 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.

³ Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

⁴ New construction for 1997 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

-- = Data not applicable.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

Table HC1-9b. Housing Unit Characteristics by Northeast Census Region, Percent of U.S. Households, 1997

Housing Unit Characteristics	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.2	1.6	
Total	100.0	100.0	100.0	100.0	0.0
Census Region and Division					
Northeast	19.4	100.0	100.0	100.0	NF
New England	5.2	26.9	Q	100.0	NF
Middle Atlantic	14.2	73.1	100.0	Q	NF
Midwest	23.7	--	--	--	NF
East North Central	16.7	--	--	--	NF
West North Central	7.0	--	--	--	NF
South	35.4	--	--	--	NF
South Atlantic	18.4	--	--	--	NF
East South Central	6.3	--	--	--	NF
West South Central	10.7	--	--	--	NF
West	21.5	--	--	--	NF
Mountain	6.1	--	--	--	NF
Pacific	15.4	--	--	--	NF
Metropolitan Statistical Area					
Urban	77.5	82.5	95.2	47.9	2.9
Central City	36.2	30.2	33.2	22.1	9.4
Suburban	41.3	52.2	62.0	25.9	5.0
Rural	22.5	17.5	4.8	52.1	7.9
Climate Zone¹					
Fewer than 2,000 CDD and--					
More than 7,000 HDD	9.1	10.0	3.7	27.4	21.1
5,500 to 7,000 HDD	27.6	48.7	39.8	72.6	7.5
4,000 to 5,499 HDD	22.2	41.3	56.5	Q	4.8
Fewer than 4,000 HDD	19.2	--	--	--	17.9
2,000 CDD or More and --					
Fewer than 4,000 HDD	21.9	--	--	--	13.1
Estimated Heated Floorspace Category (square feet)²					
Fewer than 600	7.8	9.7	10.7	6.8	10.7
600 to 999	21.2	22.4	21.4	25.0	4.9
1,000 to 1,599	29.9	25.8	25.8	26.0	7.0
1,600 to 1,999	15.1	12.2	11.6	13.7	9.7
2,000 to 2,399	7.8	6.9	7.0	6.4	12.5
2,400 to 2,999	5.3	4.9	4.9	5.1	17.5
3,000 or More	4.1	3.4	3.0	4.4	19.3
No Estimate Provided	9.0	14.8	15.6	12.6	11.7

See footnotes at end of table.

Table HC1-9b. Housing Unit Characteristics by Northeast Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.2	1.6	
Ownership of Unit					
Owned	67.5	64.6	63.3	68.2	3.3
Rented	32.5	35.4	36.7	31.8	6.4
Type and Ownership of Housing Unit					
Single-Family Detached	62.9	54.1	50.8	62.9	4.0
Owned	54.8	49.9	46.8	58.4	4.8
Rented	8.0	4.1	4.0	4.5	13.6
Single-Family Attached	9.8	15.6	18.4	8.0	12.7
Owned	5.4	9.7	11.7	4.1	16.7
Rented	4.4	5.9	6.7	3.8	15.2
Multifamily (2 to 4 units)	5.5	8.6	6.9	13.3	13.4
Owned	0.9	1.7	1.4	2.4	29.5
Rented	4.6	6.9	5.4	10.9	11.8
Multifamily (5 or more units)	15.6	19.3	21.3	13.7	9.3
Owned	1.1	1.5	1.5	Q	23.3
Rented	14.4	17.8	19.8	12.1	8.8
Mobile Home	6.2	2.5	2.6	2.2	22.7
Owned	5.2	1.8	1.9	Q	23.2
Rented	1.1	Q	Q	Q	29.6
Year of Construction					
1939 or Before	18.5	32.2	32.5	31.3	9.2
1940 to 1949	9.1	9.8	9.8	9.8	13.3
1950 to 1959	12.4	13.7	13.7	13.5	10.0
1960 to 1969	14.2	13.2	11.8	16.9	10.1
1970 to 1979	19.3	13.4	13.3	13.5	6.6
1980 to 1989	17.1	11.9	12.4	10.4	13.2
1990 to 1997 ³	9.6	5.9	6.4	4.6	13.4
Urban/Rural Location⁴					
City	47.5	34.8	33.9	37.2	6.7
Town	17.9	26.1	21.3	39.2	11.9
Suburbs	18.3	21.8	26.7	8.4	11.4
Rural or Open Country	16.2	17.2	18.0	15.2	11.0
Total Number of Rooms (Excluding Bathrooms)					
1 or 2	3.0	3.2	3.0	3.8	14.9
3	9.0	11.3	12.6	7.9	9.0
4	18.0	18.1	17.9	18.8	9.3
5	20.9	17.3	16.6	19.1	6.7
6	19.7	19.8	19.8	19.7	7.0
7	14.0	14.1	14.7	12.7	8.0
8	8.3	8.7	8.7	8.6	12.7
9 or More	6.9	7.4	6.7	9.4	11.0

See footnotes at end of table.

Table HC1-9b. Housing Unit Characteristics by Northeast Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.2	1.6	
Bedrooms					
None or 1	13.0	16.6	18.0	12.8	9.4
2	28.4	28.2	26.9	31.7	5.7
3	40.4	36.2	36.2	36.0	4.4
4 or More	18.3	19.1	18.9	19.6	7.8
Other Rooms (Excluding Bathrooms)					
None or 1	5.0	5.0	4.6	6.1	15.2
2	38.1	35.4	36.1	33.7	4.6
3	30.5	31.8	31.9	31.4	6.0
4	17.3	18.5	18.5	18.4	7.1
5 or More	9.1	9.3	8.8	10.4	9.1
Full Bathrooms					
None or 1	58.5	71.9	71.5	73.1	3.3
2	35.4	25.4	25.8	24.3	7.6
3 or More	6.1	2.7	2.8	2.7	23.1
Half Bathrooms					
None	72.0	66.4	63.8	73.6	2.3
1	26.1	30.9	33.3	24.3	3.9
2 or More	Q	Q	Q	Q	NF
Number of Stories					
Single-Family Homes	72.7	69.7	69.3	70.8	3.2
1 Story	40.5	19.3	19.4	19.3	8.1
2 Stories	26.5	42.8	42.0	44.9	4.7
3 Stories	3.2	5.7	6.3	4.1	17.8
Split-Level	2.4	1.6	1.4	2.1	24.9
Other	Q	Q	Q	Q	NF
Mobile Homes	6.2	2.5	2.6	2.2	22.7
Number of Floors in Apartment Buildings					
1 or 2 Floors	10.7	7.9	6.9	10.4	16.2
3 or 4 Floors	5.3	7.6	7.0	9.4	23.5
5 to 10 Floors	2.0	6.9	8.7	Q	10.6
11 to 20 Floors	0.8	2.6	2.9	Q	24.0
More than 20 Floors	0.2	Q	Q	Q	54.9
Don't Know/No Answer	2.0	2.5	2.7	Q	20.0
Foundation/Baseament of Single-Family Homes (More than one may apply)					
Basement	32.7	57.1	55.7	61.1	5.6
Crawlspace	22.2	7.2	7.2	7.4	12.4
Concrete Slab	22.6	9.8	10.7	7.2	14.4
Not Asked (Mobile Homes and Multi-Family Units)	27.3	30.3	30.7	29.2	7.6
Garage/Carport					
Yes	53.7	47.4	49.0	43.1	4.3
1-Car Garage	16.0	22.9	23.8	20.4	8.1
2-Car Garage	29.2	21.5	21.4	21.5	6.1
3-Car Garage	2.7	1.9	2.3	Q	18.5
Covered Carport	6.3	1.4	1.6	Q	16.5
No	25.2	24.7	22.9	29.8	7.6
Not Asked (Apartments)	21.1	27.9	28.2	27.0	8.5

See footnotes at end of table.

Table HC1-9b. Housing Unit Characteristics by Northeast Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.0	1.2	1.6	
Fuels Used For Any Use (more than one often used)					
Electricity	100.0	100.0	100.0	100.0	NE
Natural Gas	61.0	59.9	68.4	36.6	7.4
Wood	14.8	12.6	11.2	16.4	11.3
Fuel Oil	9.8	37.8	32.0	53.7	10.1
LPG	8.0	7.9	6.6	11.3	18.1
Kerosene	3.4	4.9	4.1	6.8	20.4
Solar	0.7	Q	Q	Q	48.4
Main Heating Fuel					
Natural Gas	52.7	46.4	53.4	27.4	9.5
Electricity	29.2	11.9	11.7	12.2	12.3
Fuel Oil	9.3	35.9	30.2	51.3	10.1
LPG	4.5	1.1	Q	Q	29.1
Wood	2.2	1.9	1.7	2.6	22.8
Kerosene	1.0	2.1	1.5	Q	32.4
Solar	Q	Q	Q	Q	NF
Other/None	1.1	0.7	Q	Q	34.9

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 Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

³ New construction for 1997 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.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

Table HC1-10b. Housing Unit Characteristics by Midwest Census Region, Percent of U.S. Households, 1997

Housing Unit Characteristics	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.5	1.0	1.1	1.8	
Total	100.0	100.0	100.0	100.0	0.0
Census Region and Division					
Northeast	19.4	--	--	--	NF
New England	5.2	--	--	--	NF
Middle Atlantic	14.2	--	--	--	NF
Midwest	23.7	100.0	100.0	100.0	NF
East North Central	16.7	70.3	100.0	Q	NF
West North Central	7.0	29.7	Q	100.0	NF
South	35.4	--	--	--	NF
South Atlantic	18.4	--	--	--	NF
East South Central	6.3	--	--	--	NF
West South Central	10.7	--	--	--	NF
West	21.5	--	--	--	NF
Mountain	6.1	--	--	--	NF
Pacific	15.4	--	--	--	NF
Metropolitan Statistical Area					
Urban	77.5	73.9	78.3	63.3	2.5
Central City	36.2	36.2	39.2	29.1	8.2
Suburban	41.3	37.7	39.1	34.1	7.8
Rural	22.5	26.1	21.7	36.7	6.5
Climate Zone¹					
Fewer than 2,000 CDD and--					
More than 7,000 HDD	9.1	22.6	16.0	38.3	28.9
5,500 to 7,000 HDD	27.6	61.0	73.2	Q	14.1
4,000 to 5,499 HDD	22.2	16.3	Q	29.3	22.1
Fewer than 4,000 HDD	19.2	--	--	--	19.3
2,000 CDD or More and --					
Fewer than 4,000 HDD	21.9	--	--	--	14.1
Estimated Heated Floorspace Category (square feet)²					
Fewer than 600	7.8	6.9	7.4	5.7	12.7
600 to 999	21.2	21.3	21.4	21.1	8.7
1,000 to 1,599	29.9	28.9	28.7	29.3	6.5
1,600 to 1,999	15.1	17.5	17.1	18.6	6.5
2,000 to 2,399	7.8	7.6	7.1	8.9	9.4
2,400 to 2,999	5.3	5.8	5.8	5.7	14.6
3,000 or More	4.1	4.0	4.2	3.6	18.3
No Estimate Provided	9.0	7.9	8.3	7.1	16.4

See footnotes at end of table.

Table HC1-10b. Housing Unit Characteristics by Midwest Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.5	1.0	1.1	1.8	
Ownership of Unit					
Owned	67.5	71.9	70.0	76.2	3.3
Rented	32.5	28.1	30.0	23.8	8.2
Type and Ownership of Housing Unit					
Single-Family Detached	62.9	69.1	66.3	75.7	3.0
Owned	54.8	61.8	59.3	67.5	3.8
Rented	8.0	7.4	7.0	8.2	10.4
Single-Family Attached	9.8	7.6	7.8	6.9	14.3
Owned	5.4	3.8	4.1	3.2	19.3
Rented	4.4	3.7	3.8	3.6	18.1
Multifamily (2 to 4 units)	5.5	7.1	8.6	3.5	12.8
Owned	0.9	1.7	2.0	Q	36.5
Rented	4.6	5.4	6.6	2.6	17.1
Multifamily (5 or more units)	15.6	11.7	12.8	9.0	15.3
Owned	1.1	Q	Q	Q	40.6
Rented	14.4	11.1	12.1	8.7	16.0
Mobile Home	6.2	4.6	4.4	4.9	23.2
Owned	5.2	4.0	3.9	4.3	23.6
Rented	1.1	0.5	Q	Q	38.9
Year of Construction					
1939 or Before	18.5	30.0	28.8	32.6	9.9
1940 to 1949	9.1	8.7	9.7	6.4	11.6
1950 to 1959	12.4	11.3	11.9	10.0	9.3
1960 to 1969	14.2	13.2	13.7	11.8	11.1
1970 to 1979	19.3	16.7	17.8	14.0	10.4
1980 to 1989	17.1	12.0	11.1	14.3	14.0
1990 to 1997 ³	9.6	8.2	7.0	11.0	12.0
Urban/Rural Location⁴					
City	47.5	47.3	52.6	34.8	5.3
Town	17.9	18.8	14.9	28.1	11.4
Suburbs	18.3	18.7	18.1	20.0	8.5
Rural or Open Country	16.2	15.1	14.3	17.1	13.5
Total Number of Rooms (Excluding Bathrooms)					
1 or 2	3.0	2.3	2.6	Q	26.6
3	9.0	6.2	7.8	2.4	15.5
4	18.0	17.8	17.2	19.4	8.9
5	20.9	20.1	19.3	22.1	4.7
6	19.7	20.1	20.0	20.2	5.8
7	14.0	15.0	14.6	16.0	7.4
8	8.3	10.7	11.0	9.9	11.6
9 or More	6.9	7.7	7.5	8.3	9.3

See footnotes at end of table.

Table HC1-10b. Housing Unit Characteristics by Midwest Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.5	1.0	1.1	1.8	
Bedrooms					
None or 1	13.0	11.4	13.0	7.6	9.7
2	28.4	27.7	27.0	29.4	5.5
3	40.4	40.6	39.7	42.6	3.7
4 or More	18.3	20.3	20.3	20.3	6.9
Other Rooms (Excluding Bathrooms)					
None or 1	5.0	3.1	3.5	Q	19.1
2	38.1	34.8	35.6	33.1	4.7
3	30.5	30.5	28.9	34.4	4.9
4	17.3	20.1	20.9	18.2	7.2
5 or More	9.1	11.5	11.1	12.3	10.1
Full Bathrooms					
None or 1	58.5	64.5	65.5	62.2	3.2
2	35.4	30.2	29.9	30.8	5.4
3 or More	6.1	5.3	4.6	7.0	18.8
Half Bathrooms					
None	72.0	68.7	68.9	68.1	1.8
1	26.1	28.9	28.9	28.9	4.9
2 or More	Q	Q	Q	Q	NF
Number of Stories					
Single-Family Homes	72.7	76.7	74.2	82.6	2.1
1 Story	40.5	33.7	32.1	37.4	5.7
2 Stories	26.5	34.6	34.6	34.4	7.3
3 Stories	3.2	3.6	4.0	2.7	12.3
Split-Level	2.4	4.7	3.3	8.0	20.0
Other	Q	Q	Q	Q	NF
Mobile Homes	6.2	4.6	4.4	4.9	23.2
Number of Floors in Apartment Buildings					
1 or 2 Floors	10.7	9.3	10.1	7.6	17.1
3 or 4 Floors	5.3	5.4	6.1	3.7	26.0
5 to 10 Floors	2.0	Q	Q	Q	24.5
11 to 20 Floors	0.8	Q	Q	Q	45.2
More than 20 Floors	0.2	Q	Q	Q	58.9
Don't Know/No Answer	2.0	2.5	Q	Q	40.9
Foundation/Basement of Single-Family Homes (More than one may apply)					
Basement	32.7	58.6	55.6	65.6	6.1
Crawlspace	22.2	16.1	18.1	11.4	12.5
Concrete Slab	22.6	9.5	9.2	10.3	11.4
Not Asked (Mobile Homes and Multi-Family Units)	27.3	23.3	25.8	17.4	6.8
Garage/Carport					
Yes	53.7	62.1	60.0	67.1	3.3
1-Car Garage	16.0	17.3	14.2	24.7	11.2
2-Car Garage	29.2	38.0	38.6	36.7	6.7
3-Car Garage	2.7	4.7	5.1	3.7	15.7
Covered Carport	6.3	2.3	2.2	Q	16.5
No	25.2	19.1	18.6	20.4	10.0
Not Asked (Apartments)	21.1	18.7	21.4	12.5	10.0

See footnotes at end of table.

Table HC1-10b. Housing Unit Characteristics by Midwest Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	Midwest Census Region			RSE Row Factors
		Total	Census Division		
			East North Central	West North Central	
RSE Column Factor:	0.5	1.0	1.1	1.8	
Fuels Used For Any Use (more than one often used)					
Electricity	100.0	100.0	100.0	100.0	NE
Natural Gas	61.0	77.1	80.8	68.4	5.0
Wood	14.8	10.9	10.0	12.9	12.2
Fuel Oil	9.8	4.4	3.8	5.7	17.5
LPG	8.0	9.6	6.8	16.2	20.8
Kerosene	3.4	1.8	2.1	Q	17.5
Solar	0.7	Q	Q	Q	51.9
Main Heating Fuel					
Natural Gas	52.7	74.5	78.0	66.4	5.4
Electricity	29.2	11.1	11.0	11.6	15.6
Fuel Oil	9.3	4.3	3.7	5.7	17.1
LPG	4.5	7.4	5.5	11.9	21.8
Wood	2.2	1.8	Q	Q	32.2
Kerosene	1.0	Q	Q	Q	34.8
Solar	Q	Q	Q	Q	NF
Other/None	1.1	Q	Q	Q	34.0

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 Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

³ New construction for 1997 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.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

**Table HC1-11b. Housing Unit Characteristics by South Census Region,
Percent of U.S. Households, 1997**

Housing Unit Characteristics	Total U.S.	South Census Region				RSE Row Factors	
		Total	Census Division				
			South Atlantic	East South Central	West south Central		
RSE Column Factor:	0.5	0.9	1.2	1.5	1.3		
Total	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Census Region and Division							
Northeast	19.4	--	--	--	--	--	NF
New England	5.2	--	--	--	--	--	NF
Middle Atlantic	14.2	--	--	--	--	--	NF
Midwest	23.7	--	--	--	--	--	NF
East North Central	16.7	--	--	--	--	--	NF
West North Central	7.0	--	--	--	--	--	NF
South	35.4	100.0	100.0	100.0	100.0	100.0	NF
South Atlantic	18.4	52.1	100.0	Q	Q	Q	NF
East South Central	6.3	17.7	Q	100.0	Q	Q	NF
West South Central	10.7	30.2	Q	Q	Q	100.0	NF
West	21.5	--	--	--	--	--	NF
Mountain	6.1	--	--	--	--	--	NF
Pacific	15.4	--	--	--	--	--	NF
Metropolitan Statistical Area							
Urban	77.5	70.6	75.5	50.1	74.1	74.1	1.6
Central City	36.2	34.0	32.4	23.9	42.6	42.6	10.2
Suburban	41.3	36.6	43.1	26.3	31.5	31.5	8.8
Rural	22.5	29.4	24.5	49.9	25.9	25.9	4.0
Climate Zone¹							
Fewer than 2,000 CDD and--							
More than 7,000 HDD	9.1	--	--	--	--	--	35.3
5,500 to 7,000 HDD	27.6	--	--	--	--	--	NC
4,000 to 5,499 HDD	22.2	22.3	30.6	36.1	Q	Q	11.5
Fewer than 4,000 HDD	19.2	25.6	27.6	Q	Q	Q	11.1
2,000 CDD or More and --							
Fewer than 4,000 HDD	21.9	52.1	41.8	Q	Q	86.8	7.2
Estimated Heated Floorspace Category (square feet)²							
Fewer than 600	7.8	5.7	5.3	7.1	5.7	5.7	13.4
600 to 999	21.2	19.0	17.5	22.4	19.8	19.8	6.6
1,000 to 1,599	29.9	32.8	34.6	30.5	31.0	31.0	6.7
1,600 to 1,999	15.1	15.8	15.7	15.4	16.3	16.3	8.8
2,000 to 2,399	7.8	8.3	7.6	7.8	9.8	9.8	10.6
2,400 to 2,999	5.3	5.0	5.1	4.8	5.1	5.1	14.5
3,000 or More	4.1	5.1	4.5	4.9	6.3	6.3	21.2
No Estimate Provided	9.0	8.2	9.7	7.2	6.0	6.0	17.0

See footnotes at end of table.

Table HC1-11b. Housing Unit Characteristics by South Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	South Census Region				RSE Row Factors
		Total	Census Division			
			South Atlantic	East South Central	West south Central	
RSE Column Factor:	0.5	0.9	1.2	1.5	1.3	
Ownership of Unit						
Owned	67.5	70.7	69.3	78.1	68.7	2.7
Rented	32.5	29.3	30.7	21.9	31.3	6.7
Type and Ownership of Housing Unit						
Single-Family Detached	62.9	66.6	62.2	69.6	72.5	2.8
Owned	54.8	57.6	54.1	62.3	61.1	3.2
Rented	8.0	9.0	8.1	7.4	11.4	11.7
Single-Family Attached	9.8	7.7	10.7	5.8	3.4	18.8
Owned	5.4	4.8	7.8	Q	Q	21.7
Rented	4.4	2.8	2.9	2.5	2.9	19.0
Multifamily (2 to 4 units)	5.5	4.0	3.6	5.4	3.7	21.3
Owned	0.9	Q	Q	Q	Q	39.4
Rented	4.6	3.6	3.2	4.9	3.6	22.4
Multifamily (5 or more units)	15.6	13.4	15.5	6.7	13.9	12.7
Owned	1.1	1.0	Q	Q	Q	41.1
Rented	14.4	12.4	14.3	5.5	13.3	12.9
Mobile Home	6.2	8.3	8.0	12.4	6.5	15.4
Owned	5.2	6.8	5.8	10.8	6.4	16.7
Rented	1.1	1.5	2.2	Q	Q	26.2
Year of Construction						
1939 or Before	18.5	8.6	8.4	10.6	7.9	12.1
1940 to 1949	9.1	7.9	7.1	7.7	9.4	9.5
1950 to 1959	12.4	11.7	11.6	12.8	11.3	8.7
1960 to 1969	14.2	14.2	11.8	13.7	18.7	8.1
1970 to 1979	19.3	21.8	21.3	23.4	21.6	8.1
1980 to 1989	17.1	22.8	27.0	17.3	18.8	11.1
1990 to 1997 ³	9.6	12.9	12.8	14.5	12.2	15.3
Urban/Rural Location⁴						
City	47.5	45.8	44.5	32.7	55.7	6.8
Town	17.9	14.8	12.4	17.5	17.3	15.5
Suburbs	18.3	19.3	23.5	14.1	15.0	12.0
Rural or Open Country	16.2	20.1	19.7	35.6	11.9	9.3
Total Number of Rooms (Excluding Bathrooms)						
1 or 2	3.0	1.7	1.4	Q	2.7	24.8
3	9.0	7.8	6.6	6.4	10.8	11.8
4	18.0	16.2	17.2	18.3	13.3	8.3
5	20.9	24.2	20.8	26.1	28.8	7.1
6	19.7	20.6	21.9	22.0	17.6	6.6
7	14.0	15.0	16.7	11.7	13.9	8.3
8	8.3	7.6	8.1	8.1	6.5	13.7
9 or More	6.9	6.8	7.2	6.4	6.4	12.8

See footnotes at end of table.

**Table HC1-11b. Housing Unit Characteristics by South Census Region,
Percent of U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Total U.S.	South Census Region				RSE Row Factors
		Total	Census Division			
			South Atlantic	East South Central	West south Central	
RSE Column Factor:	0.5	0.9	1.2	1.5	1.3	
Bedrooms						
None or 1	13.0	9.7	7.9	6.9	14.2	10.8
2	28.4	27.4	28.5	32.5	22.7	5.3
3	40.4	46.1	47.6	44.0	44.6	5.2
4 or More	18.3	16.8	16.0	16.7	18.4	8.6
Other Rooms (Excluding Bathrooms)						
None or 1	5.0	3.6	3.2	2.9	4.8	18.0
2	38.1	38.1	34.1	42.4	42.6	4.0
3	30.5	31.3	32.8	28.7	30.2	5.9
4	17.3	18.2	20.5	16.1	15.4	7.3
5 or More	9.1	8.7	9.4	9.8	7.1	12.0
Full Bathrooms						
None or 1	58.5	50.6	46.6	57.9	53.2	2.8
2	35.4	42.4	45.6	37.4	39.7	4.7
3 or More	6.1	7.0	7.8	4.7	7.0	18.4
Half Bathrooms						
None	72.0	74.0	71.5	78.8	75.6	2.2
1	26.1	24.5	26.8	20.0	23.0	7.0
2 or More	Q	Q	Q	Q	Q	NF
Number of Stories						
Single-Family Homes	72.7	74.3	73.0	75.4	75.9	2.8
1 Story	40.5	53.0	47.2	55.3	61.7	5.2
2 Stories	26.5	17.4	19.4	18.0	13.5	10.3
3 Stories	3.2	2.3	4.0	Q	Q	14.3
Split-Level	2.4	1.6	2.3	Q	Q	20.9
Other	Q	Q	Q	Q	Q	NF
Mobile Homes	6.2	8.3	8.0	12.4	6.5	15.4
Number of Floors in Apartment Buildings						
1 or 2 Floors	10.7	11.5	10.6	9.4	14.2	13.8
3 or 4 Floors	5.3	3.6	5.7	Q	Q	35.6
5 to 10 Floors	2.0	0.5	Q	Q	Q	31.2
11 to 20 Floors	0.8	Q	Q	Q	Q	44.6
More than 20 Floors	0.2	Q	Q	Q	Q	58.1
Don't Know/No Answer	2.0	1.1	Q	Q	Q	30.2
Foundation/Basement of Single-Family Homes (More than one may apply)						
Basement	32.7	13.7	17.3	20.1	3.9	13.5
Crawlspace	22.2	30.1	27.2	37.7	30.6	6.3
Concrete Slab	22.6	34.2	32.2	20.7	45.6	6.7
Not Asked (Mobile Homes and Multi-Family Units)	27.3	25.7	27.0	24.6	24.1	8.1
Garage/Carport						
Yes	53.7	48.3	43.6	44.0	58.9	3.8
1-Car Garage	16.0	13.0	13.8	10.7	13.0	8.5
2-Car Garage	29.2	24.2	20.4	20.8	32.8	7.6
3-Car Garage	2.7	1.2	Q	Q	Q	21.6
Covered Carport	6.3	10.9	9.4	12.2	12.7	11.4
No	25.2	34.3	37.4	43.9	23.5	7.5
Not Asked (Apartments)	21.1	17.4	19.1	12.1	17.5	10.9

See footnotes at end of table.

Table HC1-11b. Housing Unit Characteristics by South Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	South Census Region				RSE Row Factors
		Total	Census Division			
			South Atlantic	East South Central	West south Central	
RSE Column Factor:	0.5	0.9	1.2	1.5	1.3	
Fuels Used For Any Use (more than one often used)						
Electricity	100.0	100.0	100.0	100.0	100.0	NE
Natural Gas	61.0	45.8	34.4	42.2	67.6	7.1
Wood	14.8	15.9	17.6	17.1	12.3	9.1
Fuel Oil	9.8	3.2	6.1	Q	Q	27.7
LPG	8.0	9.0	8.7	17.0	4.8	18.3
Kerosene	3.4	5.2	7.0	7.0	Q	15.3
Solar	0.7	1.0	1.8	Q	Q	47.5
Main Heating Fuel						
Natural Gas	52.7	38.3	28.6	36.2	56.1	7.5
Electricity	29.2	48.7	55.4	45.7	38.7	7.2
Fuel Oil	9.3	3.1	5.9	Q	Q	27.1
LPG	4.5	5.7	4.4	13.3	3.6	18.1
Wood	2.2	1.9	2.2	2.6	Q	20.6
Kerosene	1.0	1.2	2.0	Q	Q	20.5
Solar	Q	Q	Q	Q	Q	NF
Other/None	1.1	1.0	1.4	Q	Q	39.2

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 Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

³ New construction for 1997 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.

NC = No cases in sample.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.

Table HC1-12b. Housing Unit Characteristics by West Census Region, Percent of U.S. Households, 1997

Housing Unit Characteristics	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.2	
Total	100.0	100.0	100.0	100.0	0.0
Census Region and Division					
Northeast	19.4	--	--	--	NF
New England	5.2	--	--	--	NF
Middle Atlantic	14.2	--	--	--	NF
Midwest	23.7	--	--	--	NF
East North Central	16.7	--	--	--	NF
West North Central	7.0	--	--	--	NF
South	35.4	--	--	--	NF
South Atlantic	18.4	--	--	--	NF
East South Central	6.3	--	--	--	NF
West South Central	10.7	--	--	--	NF
West	21.5	100.0	100.0	100.0	NF
Mountain	6.1	28.3	100.0	Q	NF
Pacific	15.4	71.7	Q	100.0	NF
Metropolitan Statistical Area					
Urban	77.5	88.3	78.4	92.3	3.9
Central City	36.2	45.4	53.9	42.1	9.1
Suburban	41.3	42.9	24.5	50.2	9.4
Rural	22.5	11.7	21.6	7.7	12.4
Climate Zone¹					
Fewer than 2,000 CDD and--					
More than 7,000 HDD	9.1	8.4	14.8	5.9	9.1
5,500 to 7,000 HDD	27.6	17.2	44.4	Q	18.3
4,000 to 5,499 HDD	22.2	11.1	Q	15.5	27.5
Fewer than 4,000 HDD	19.2	47.3	Q	63.4	4.3
2,000 CDD or More and --					
Fewer than 4,000 HDD	21.9	16.0	34.0	8.8	7.2
Estimated Heated Floorspace Category (square feet)²					
Fewer than 600	7.8	10.3	8.2	11.1	11.2
600 to 999	21.2	23.4	22.8	23.7	8.2
1,000 to 1,599	29.9	30.0	33.9	28.5	5.3
1,600 to 1,999	15.1	13.7	12.7	14.1	7.2
2,000 to 2,399	7.8	7.9	7.7	8.0	11.9
2,400 to 2,999	5.3	5.3	5.6	5.2	10.6
3,000 or More	4.1	3.0	4.4	2.4	20.2
No Estimate Provided	9.0	6.3	4.6	7.0	14.3
Ownership of Unit					
Owned	67.5	59.8	67.8	56.7	3.6
Rented	32.5	40.2	32.2	43.3	6.1

See footnotes at end of table.

Table HC1-12b. Housing Unit Characteristics by West Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.2	
Type and Ownership of Housing Unit					
Single-Family Detached	62.9	57.7	60.7	56.5	4.7
Owned	54.8	47.0	52.4	44.8	5.4
Rented	8.0	10.7	8.3	11.7	9.0
Single-Family Attached	9.8	10.6	11.8	10.1	14.8
Owned	5.4	4.2	4.7	4.0	22.6
Rented	4.4	6.4	7.1	6.1	15.1
Multifamily (2 to 4 units)	5.5	3.7	3.2	3.9	21.1
Owned	0.9	Q	Q	Q	37.9
Rented	4.6	3.4	2.6	3.8	23.2
Multifamily (5 or more units)	15.6	20.1	13.6	22.6	11.3
Owned	1.1	1.7	Q	1.9	36.4
Rented	14.4	18.4	12.4	20.7	10.5
Mobile Home	6.2	8.0	10.7	6.9	16.1
Owned	5.2	6.7	8.8	5.9	18.6
Rented	1.1	1.3	Q	1.0	29.3
Year of Construction					
1939 or Before	18.5	9.4	10.5	9.0	10.5
1940 to 1949	9.1	10.7	6.8	12.2	10.3
1950 to 1959	12.4	13.4	13.0	13.6	8.1
1960 to 1969	14.2	16.4	18.2	15.7	8.3
1970 to 1979	19.3	23.4	25.6	22.5	6.8
1980 to 1989	17.1	17.8	16.9	18.1	11.1
1990 to 1997 ³	9.6	8.9	9.0	8.8	18.4
Urban/Rural Location⁴					
City	47.5	62.1	63.6	61.5	5.4
Town	17.9	14.8	15.6	14.4	12.7
Suburbs	18.3	13.1	8.9	14.7	13.0
Rural or Open Country	16.2	10.1	11.9	9.3	12.9
Total Number of Rooms (Excluding Bathrooms)					
1 or 2	3.0	5.8	3.1	6.9	15.3
3	9.0	12.1	9.1	13.2	10.6
4	18.0	21.2	21.8	20.9	9.3
5	20.9	19.9	21.2	19.4	7.4
6	19.7	17.8	17.0	18.0	5.9
7	14.0	11.3	12.8	10.7	11.3
8	8.3	6.2	8.5	5.3	10.4
9 or More	6.9	5.8	6.5	5.5	13.0
Bedrooms					
None or 1	13.0	16.9	11.6	19.0	8.3
2	28.4	30.9	31.9	30.5	7.1
3	40.4	34.6	37.7	33.3	5.8
4 or More	18.3	17.7	18.9	17.2	8.7

See footnotes at end of table.

Table HC1-12b. Housing Unit Characteristics by West Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.2	
Other Rooms (Excluding Bathrooms)					
None or 1	5.0	9.3	6.2	10.5	12.3
2	38.1	43.9	43.6	44.0	4.1
3	30.5	28.2	27.1	28.6	5.5
4	17.3	11.7	13.1	11.1	10.2
5 or More	9.1	6.9	10.0	5.7	10.4
Full Bathrooms					
None or 1	58.5	52.8	52.8	52.8	3.8
2	35.4	38.9	39.5	38.7	4.0
3 or More	6.1	8.3	7.8	8.5	15.9
Half Bathrooms					
None	72.0	77.2	77.8	77.0	2.1
1	26.1	21.6	21.2	21.7	6.3
2 or More	Q	Q	Q	Q	NF
Number of Stories					
Single-Family Homes	72.7	68.2	72.4	66.6	3.6
1 Story	40.5	46.5	54.1	43.5	5.5
2 Stories	26.5	18.1	13.9	19.8	9.8
3 Stories	3.2	1.9	2.5	1.6	18.2
Split-Level	2.4	1.7	Q	1.7	30.2
Other	Q	Q	Q	Q	NF
Mobile Homes	6.2	8.0	10.7	6.9	16.1
Number of Floors in Apartment Buildings					
1 or 2 Floors	10.7	13.7	9.6	15.3	11.4
3 or 4 Floors	5.3	6.1	5.7	6.2	21.7
5 to 10 Floors	2.0	Q	Q	Q	23.2
11 to 20 Floors	0.8	Q	Q	Q	42.9
More than 20 Floors	0.2	Q	Q	Q	55.8
Don't Know/No Answer	2.0	2.4	Q	2.8	21.0
Foundation/Baseament of Single-Family Homes (More than one may apply)					
Basement	32.7	13.3	25.3	8.5	9.8
Crawlspace	22.2	29.3	23.1	31.7	9.9
Concrete Slab	22.6	29.7	29.8	29.7	9.5
Not Asked (Mobile Homes and Multi-Family Units)	27.3	31.8	27.6	33.4	8.3
Garage/Carport					
Yes	53.7	58.9	56.3	60.0	4.0
1-Car Garage	16.0	13.3	14.0	13.0	7.8
2-Car Garage	29.2	34.8	30.5	36.4	7.6
3-Car Garage	2.7	3.8	2.9	4.2	15.5
Covered Carport	6.3	7.8	9.6	7.0	14.3
No	25.2	17.3	26.9	13.5	7.5
Not Asked (Apartments)	21.1	23.8	16.8	26.5	10.5

See footnotes at end of table.

Table HC1-12b. Housing Unit Characteristics by West Census Region, Percent of U.S. Households, 1997 (Continued)

Housing Unit Characteristics	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.7	1.2	
Fuels Used For Any Use (more than one often used)					
Electricity	100.0	99.8	100.0	99.8	NE
Natural Gas	61.0	69.2	71.8	68.2	2.5
Wood	14.8	19.4	18.3	19.8	9.2
Fuel Oil	9.8	1.3	Q	1.2	25.2
LPG	8.0	4.4	6.0	3.8	18.2
Kerosene	3.4	1.0	Q	Q	20.8
Solar	0.7	0.9	Q	Q	31.3
Main Heating Fuel					
Natural Gas	52.7	58.1	64.6	55.5	3.6
Electricity	29.2	32.6	26.8	34.9	7.0
Fuel Oil	9.3	1.1	Q	Q	23.8
LPG	4.5	2.5	4.4	1.7	24.9
Wood	2.2	3.1	2.8	3.3	18.4
Kerosene	1.0	Q	Q	Q	33.0
Solar	Q	Q	Q	Q	NF
Other/None	1.1	2.3	Q	3.1	18.0

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 Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

³ New construction for 1997 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.

NE = RSE row factor not estimated because RSE's for all statistics in this row are between 0.0 and 1.0 percent.

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.

• Percentages are calculated on unrounded numbers. • 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 1997 Residential Energy Consumption Survey.