

## 1997 Housing Characteristics Tables

### Housing Unit Tables

(Million U.S. Households; 45 pages, 128 kb)

#### Contents

#### Pages

HC1-1a. Housing Unit Characteristics by Climate Zone, Million U.S. Households, 1997	4
HC1-2a. Housing Unit Characteristics by Year of Construction, Million U.S. Households, 1997	4
HC1-3a. Housing Unit Characteristics by Household Income, Million U.S. Households, 1997	4
HC1-4a. Housing Unit Characteristics by Type of Housing Unit, Million U.S. Households, 1997	3
HC1-5a. Housing Unit Characteristics by Type of Owner-Occupied Housing Unit, Million U.S. Households, 1997	3
HC1-6a. Housing Unit Characteristics by Type of Rented Housing Unit, Million U.S. Households, 1997	3
HC1-7a. Housing Unit Characteristics by Four Most Populated States, Million U.S. Households, 1997	4
HC1-8a. Housing Unit Characteristics by Urban/Rural Location, Million U.S. Households, 1997	4
HC1-9a. Housing Unit Characteristics by Northeast Census Region, Million U.S. Households, 1997	4
HC1-10a. Housing Unit Characteristics by Midwest Census Region, Million U.S. Households, 1997	4
HC1-11a. Housing Unit Characteristics by South Census Region, Million U.S. Households, 1997	4
HC1-12a. Housing Unit Characteristics by West Census Region, Million U.S. Households, 1997	4

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 HC1-1a. Housing Unit Characteristics by Climate Zone,  
Million U.S. Households, 1997**

Housing Unit Characteristics	Total	Climate Zone <sup>1</sup>					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.8	1.1	1.1	1.2	1.0	
<b>Total</b> .....	101.5	9.3	28.0	22.5	19.5	22.2	8.0
<b>Census Region and Division</b>							
Northeast .....	19.7	2.0	9.6	8.1	Q	Q	6.1
New England .....	5.3	1.5	3.9	Q	Q	Q	16.6
Middle Atlantic .....	14.4	0.5	5.7	8.1	Q	Q	4.0
Midwest .....	24.1	5.4	14.7	3.9	Q	Q	18.8
East North Central .....	16.9	2.7	12.4	Q	Q	Q	15.7
West North Central .....	7.2	2.7	Q	2.1	Q	Q	25.2
South .....	35.9	Q	Q	8.0	9.2	18.7	10.7
South Atlantic .....	18.7	Q	Q	5.7	5.2	7.8	3.3
East South Central .....	6.3	Q	Q	2.3	Q	Q	32.6
West South Central .....	10.8	Q	Q	Q	Q	9.4	10.4
West .....	21.8	1.8	3.7	2.4	10.3	3.5	9.4
Mountain .....	6.2	0.9	2.7	Q	Q	2.1	9.2
Pacific .....	15.6	0.9	Q	2.4	9.9	1.4	5.8
<b>Metropolitan Statistical Area</b>							
Urban .....	78.6	4.3	23.2	17.9	14.6	18.6	7.3
Central City .....	36.8	2.5	10.4	7.5	6.8	9.5	12.8
Suburban .....	41.9	1.8	12.8	10.4	7.7	9.1	10.1
Rural .....	22.8	5.0	4.8	4.6	4.9	3.5	19.8
<b>Climate Zone<sup>1</sup></b>							
Fewer than 2,000 CDD and--							
More than 7,000 HDD .....	9.3	9.3	--	--	--	--	20.5
5,500 to 7,000 HDD .....	28.0	--	28.0	--	--	--	13.2
4,000 to 5,499 HDD .....	22.5	--	--	22.5	--	--	12.8
Fewer than 4,000 HDD .....	19.5	--	--	--	19.5	--	13.6
2,000 CDD or More and --							
Fewer than 4,000 HDD .....	22.2	--	--	--	--	22.2	10.6
<b>Estimated Heated Floorspace Category (square feet)<sup>2</sup></b>							
Fewer than 600 .....	7.9	0.5	2.0	2.0	2.0	1.4	12.3
600 to 999 .....	21.5	2.1	6.2	4.6	4.4	4.2	9.8
1,000 to 1,599 .....	30.4	3.1	7.7	6.0	6.5	7.1	9.5
1,600 to 1,999 .....	15.3	1.4	4.7	3.3	2.6	3.3	12.2
2,000 to 2,399 .....	7.9	0.6	2.2	1.7	1.5	1.9	12.8
2,400 to 2,999 .....	5.3	0.5	1.7	1.1	0.9	1.1	16.2
3,000 or More .....	4.1	0.4	1.2	0.7	0.6	1.3	20.6
No Estimate Provided .....	9.1	0.7	2.4	3.2	1.0	1.9	14.9
<b>Ownership of Unit</b>							
Owned .....	68.5	7.0	19.3	14.8	12.0	15.3	8.0
Rented .....	33.0	2.2	8.7	7.7	7.5	6.9	8.2

See footnotes at end of table.

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

Housing Unit Characteristics	Total	Climate Zone <sup>1</sup>					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.8	1.1	1.1	1.2	1.0	
<b>Type and Ownership of Housing Unit</b>							
Single-Family Detached .....	63.8	6.8	17.7	12.9	12.0	14.4	8.4
Owned .....	55.6	6.1	16.0	11.3	9.9	12.4	8.7
Rented .....	8.1	0.7	1.7	1.6	2.1	2.1	14.0
Single-Family Attached .....	9.9	0.9	2.8	2.9	1.8	1.6	15.0
Owned .....	5.5	0.4	1.4	2.0	0.8	0.9	20.3
Rented .....	4.5	0.5	1.4	0.9	1.0	0.7	16.6
Multifamily (2 to 4 units) .....	5.6	0.5	2.2	1.3	0.8	0.8	17.8
Owned .....	0.9	Q	0.5	0.2	Q	Q	33.8
Rented .....	4.7	0.4	1.7	1.1	0.8	0.7	19.1
Multifamily (5 or more units) .....	15.8	0.6	4.0	4.3	3.5	3.4	13.6
Owned .....	1.2	Q	0.3	0.4	Q	0.3	39.2
Rented .....	14.6	0.6	3.7	3.9	3.3	3.1	13.2
Mobile Home .....	6.3	0.5	1.4	1.1	1.5	2.0	19.8
Owned .....	5.3	0.4	1.1	0.9	1.2	1.6	21.9
Rented .....	1.1	Q	0.2	0.2	0.2	0.3	30.0
<b>Year of Construction</b>							
1939 or Before .....	18.7	3.3	7.1	5.1	1.9	1.4	13.9
1940 to 1949 .....	9.2	0.7	2.5	2.1	2.5	1.4	12.5
1950 to 1959 .....	12.5	0.9	3.7	2.6	2.5	2.8	10.4
1960 to 1969 .....	14.4	0.9	3.9	3.0	3.1	3.6	10.5
1970 to 1979 .....	19.6	1.5	5.1	3.8	4.0	5.2	10.8
1980 to 1989 .....	17.3	1.1	3.4	4.2	3.4	5.3	12.1
1990 to 1997 <sup>3</sup> .....	9.7	0.9	2.4	1.6	2.2	2.6	16.8
<b>Urban/Rural Location<sup>4</sup></b>							
City .....	48.2	3.7	12.3	8.5	11.4	12.3	8.5
Town .....	18.2	2.4	5.6	4.3	3.2	2.7	17.5
Suburbs .....	18.6	0.9	5.9	5.7	2.1	3.9	12.6
Rural or Open Country .....	16.5	2.2	4.3	4.0	2.8	3.2	14.6
<b>Total Number of Rooms (Excluding Bathrooms)</b>							
1 or 2 .....	3.1	Q	0.7	0.6	1.0	0.6	18.4
3 .....	9.2	0.5	2.0	2.3	2.1	2.2	12.7
4 .....	18.3	1.5	5.2	4.4	3.7	3.6	11.0
5 .....	21.3	2.0	5.4	3.9	4.5	5.5	10.6
6 .....	20.0	2.1	5.4	4.5	3.9	4.2	10.2
7 .....	14.2	1.2	4.3	3.4	2.1	3.3	11.3
8 .....	8.4	0.9	2.8	2.0	1.3	1.4	14.1
9 or More .....	7.0	0.8	2.2	1.5	1.0	1.4	14.3
<b>Bedrooms</b>							
None or 1 .....	13.2	0.9	3.3	3.3	3.0	2.7	10.5
2 .....	28.8	2.5	7.6	6.6	5.7	6.3	9.4
3 .....	41.0	4.0	11.2	8.6	7.6	9.6	9.3
4 or More .....	18.6	1.8	6.0	4.0	3.2	3.6	10.6

See footnotes at end of table.

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

Housing Unit Characteristics	Total	Climate Zone <sup>1</sup>					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.8	1.1	1.1	1.2	1.0	
<b>Other Rooms (Excluding Bathrooms)</b>							
None or 1 .....	5.1	0.3	1.2	0.9	1.4	1.3	15.8
2 .....	38.6	3.1	10.2	8.2	8.5	8.6	8.4
3 .....	31.0	3.3	8.0	7.1	5.6	7.1	9.1
4 .....	17.6	1.5	5.7	4.3	2.6	3.5	10.8
5 or More .....	9.2	1.1	3.0	2.1	1.3	1.8	12.9
<b>Full Bathrooms</b>							
None or 1 .....	59.4	6.2	18.3	14.1	10.3	10.4	7.7
2 .....	35.9	2.5	8.3	7.4	7.6	10.1	8.6
3 or More .....	6.2	0.5	1.5	0.9	1.5	1.7	18.1
<b>Half Bathrooms</b>							
None .....	73.0	6.7	18.8	15.1	15.2	17.3	8.4
1 .....	26.5	2.4	8.5	6.8	4.1	4.7	8.8
2 or More .....	Q	Q	Q	Q	Q	Q	NF
<b>Number of Stories</b>							
Single-Family Homes .....	73.7	7.7	20.5	15.8	13.7	16.0	7.7
1 Story .....	41.1	3.3	8.1	6.6	9.8	13.2	10.2
2 Stories .....	26.9	3.9	10.0	6.9	3.6	2.6	10.9
3 Stories .....	3.2	0.3	1.3	1.4	Q	Q	15.8
Split-Level .....	2.4	0.3	1.0	0.9	Q	Q	22.0
Other .....	Q	Q	Q	Q	Q	Q	NF
Mobile Homes .....	6.3	0.5	1.4	1.1	1.5	2.0	19.8
<b>Number of Floors in Apartment Buildings</b>							
1 or 2 Floors .....	10.9	0.6	2.7	1.8	2.6	3.2	15.2
3 or 4 Floors .....	5.4	0.3	2.0	1.7	1.1	0.3	27.2
5 to 10 Floors .....	2.1	Q	0.5	1.2	Q	Q	20.7
11 to 20 Floors .....	0.8	Q	Q	0.4	Q	Q	30.3
More than 20 Floors .....	0.2	Q	Q	Q	Q	Q	71.4
Don't Know/No Answer .....	2.0	Q	0.8	0.5	0.3	0.3	26.1
<b>Foundation/Basement of Single-Family Homes (More than one may apply)</b>							
Basement .....	33.2	6.1	15.5	9.1	1.7	0.9	12.6
Crawlspace .....	22.5	1.2	4.5	4.8	7.1	5.0	12.2
Concrete Slab .....	23.0	0.8	2.6	3.2	5.6	10.9	10.3
Not Asked (Mobile Homes and Multi-Family Units) .....	27.7	1.5	7.6	6.7	5.8	6.2	10.1
<b>Garage/Carport</b>							
Yes .....	54.5	6.1	15.6	10.9	10.0	11.9	8.4
1-Car Garage .....	16.2	2.4	4.5	4.5	2.6	2.4	12.2
2-Car Garage .....	29.7	3.1	9.4	4.8	5.9	6.4	10.7
3-Car Garage .....	2.8	0.3	1.1	0.5	0.5	0.3	19.9
Covered Carport .....	6.4	0.3	0.6	1.4	1.2	2.9	18.1
No .....	25.6	2.1	6.2	6.0	5.2	6.1	10.7
Not Asked (Apartments) .....	21.4	1.1	6.2	5.6	4.3	4.2	11.1

See footnotes at end of table.

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

Housing Unit Characteristics	Total	Climate Zone <sup>1</sup>					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.8	1.1	1.1	1.2	1.0	
<b>Fuels Used For Any Use (more than one often used)</b>							
Electricity .....	101.4	9.2	28.0	22.5	19.5	22.2	8.0
Natural Gas .....	61.9	5.1	20.0	12.7	12.7	11.5	8.7
Wood .....	15.0	2.0	3.3	3.5	3.4	2.9	11.5
Fuel Oil .....	10.0	2.0	3.1	4.4	0.3	Q	17.0
LPG .....	8.1	1.4	1.9	1.6	1.7	1.4	23.3
Kerosene .....	3.5	0.4	0.8	0.9	0.9	0.4	19.1
Solar .....	0.7	Q	Q	Q	Q	0.4	51.1
<b>Main Heating Fuel</b>							
Natural Gas .....	53.5	4.9	18.7	9.9	10.6	9.3	9.6
Electricity .....	29.6	1.1	4.3	6.8	6.5	10.9	10.5
Fuel Oil .....	9.5	1.9	3.0	4.2	0.2	Q	16.9
LPG .....	4.6	0.5	1.3	0.8	1.2	0.8	29.3
Wood .....	2.2	0.6	0.4	0.5	0.5	0.3	24.3
Kerosene .....	1.0	0.2	0.2	0.1	0.3	Q	28.6
Solar .....	Q	Q	Q	Q	Q	Q	NF
Other/None .....	1.2	Q	0.2	0.2	Q	0.6	35.0

<sup>1</sup> 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.

<sup>2</sup> Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

<sup>3</sup> 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.

<sup>4</sup> Based on the household respondent's description rather than the Federal Government definition.

-- = Data not applicable.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

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

Housing Unit Characteristics	Total	Year of Construction						RSE Row Factors
		1990 to 1997 <sup>1</sup>	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	0.9	
<b>Total</b> .....	101.5	9.7	17.3	19.6	14.4	12.5	27.9	4.2
<b>Census Region and Division</b>								
Northeast .....	19.7	1.2	2.3	2.6	2.6	2.7	8.3	8.9
New England .....	5.3	0.2	0.6	0.7	0.9	0.7	2.2	13.2
Middle Atlantic .....	14.4	0.9	1.8	1.9	1.7	2.0	6.1	11.0
Midwest .....	24.1	2.0	2.9	4.0	3.2	2.7	9.3	9.4
East North Central .....	16.9	1.2	1.9	3.0	2.3	2.0	6.5	11.2
West North Central .....	7.2	0.8	1.0	1.0	0.8	0.7	2.8	17.0
South .....	35.9	4.6	8.2	7.8	5.1	4.2	5.9	6.8
South Atlantic .....	18.7	2.4	5.1	4.0	2.2	2.2	2.9	9.5
East South Central .....	6.3	0.9	1.1	1.5	0.9	0.8	1.2	14.9
West South Central .....	10.8	1.3	2.0	2.3	2.0	1.2	1.9	11.4
West .....	21.8	1.9	3.9	5.1	3.6	2.9	4.4	8.1
Mountain .....	6.2	0.6	1.0	1.6	1.1	0.8	1.1	14.4
Pacific .....	15.6	1.4	2.8	3.5	2.5	2.1	3.3	9.5
<b>Metropolitan Statistical Area</b>								
Urban .....	78.6	7.1	14.0	15.3	11.5	10.4	20.4	5.0
Central City .....	36.8	2.7	4.9	6.1	5.6	5.1	12.4	8.2
Suburban .....	41.9	4.4	9.1	9.2	5.9	5.4	7.9	7.9
Rural .....	22.8	2.6	3.3	4.2	3.0	2.1	7.6	8.3
<b>Climate Zone<sup>2</sup></b>								
Fewer than 2,000 CDD and--								
More than 7,000 HDD .....	9.3	0.9	1.1	1.5	0.9	0.9	4.0	19.7
5,500 to 7,000 HDD .....	28.0	2.4	3.4	5.1	3.9	3.7	9.6	11.7
4,000 to 5,499 HDD .....	22.5	1.6	4.2	3.8	3.0	2.6	7.2	13.4
Fewer than 4,000 HDD .....	19.5	2.2	3.4	4.0	3.1	2.5	4.4	13.2
2,000 CDD or More and --								
Fewer than 4,000 HDD .....	22.2	2.6	5.3	5.2	3.6	2.8	2.7	10.6
<b>Estimated Heated Floorspace Category (square feet)<sup>3</sup></b>								
Fewer than 600 .....	7.9	0.5	1.1	1.5	1.3	0.8	2.7	12.9
600 to 999 .....	21.5	1.1	2.9	5.2	3.2	2.6	6.4	8.4
1,000 to 1,599 .....	30.4	3.0	5.2	4.9	4.6	4.7	7.9	7.3
1,600 to 1,999 .....	15.3	1.5	3.0	2.9	2.2	2.0	3.8	8.8
2,000 to 2,399 .....	7.9	0.9	1.4	1.9	1.0	0.8	1.8	11.5
2,400 to 2,999 .....	5.3	0.9	1.7	1.1	0.5	0.3	0.8	16.2
3,000 or More .....	4.1	1.3	0.8	0.7	0.3	0.2	0.8	20.1
No Estimate Provided .....	9.1	0.5	1.3	1.3	1.4	1.1	3.5	13.3
<b>Ownership of Unit</b>								
Owned .....	68.5	7.6	12.0	12.8	9.2	8.9	18.0	4.7
Rented .....	33.0	2.1	5.3	6.8	5.2	3.7	9.9	7.1

See footnotes at end of table.

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

Housing Unit Characteristics	Total	Year of Construction						RSE Row Factors
		1990 to 1997 <sup>1</sup>	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	0.9	
<b>Type and Ownership of Housing Unit</b>								
Single-Family Detached .....	63.8	6.3	9.6	10.6	9.0	9.9	18.4	5.0
Owned .....	55.6	5.8	8.8	9.4	7.8	8.4	15.4	5.4
Rented .....	8.1	0.4	0.8	1.2	1.1	1.5	3.0	12.7
Single-Family Attached .....	9.9	0.9	2.4	1.7	1.0	0.7	3.4	14.6
Owned .....	5.5	0.5	1.6	1.0	0.3	0.3	1.9	21.7
Rented .....	4.5	0.4	0.8	0.7	0.6	0.4	1.5	17.6
Multifamily (2 to 4 units) .....	5.6	Q	0.7	0.9	0.9	0.4	2.5	16.4
Owned .....	0.9	Q	Q	0.2	Q	Q	0.6	35.0
Rented .....	4.7	Q	0.6	0.7	0.8	0.4	2.0	17.6
Multifamily (5 or more units) .....	15.8	1.1	3.0	4.2	2.7	1.3	3.4	12.2
Owned .....	1.2	Q	Q	0.6	0.2	Q	Q	37.0
Rented .....	14.6	1.0	2.9	3.7	2.5	1.2	3.3	12.6
Mobile Home .....	6.3	1.3	1.7	2.1	0.9	0.2	0.2	17.4
Owned .....	5.3	1.2	1.4	1.7	0.8	Q	Q	14.4
Rented .....	1.1	Q	0.2	0.4	0.2	Q	Q	27.8
<b>Year of Construction</b>								
1939 or Before .....	18.7	--	--	--	--	--	18.7	8.1
1940 to 1949 .....	9.2	--	--	--	--	--	9.2	8.1
1950 to 1959 .....	12.5	--	--	--	--	12.5	--	5.7
1960 to 1969 .....	14.4	--	--	--	14.4	--	--	5.9
1970 to 1979 .....	19.6	--	--	19.6	--	--	--	5.7
1980 to 1989 .....	17.3	--	17.3	--	--	--	--	7.5
1990 to 1997 <sup>1</sup> .....	9.7	9.7	--	--	--	--	--	8.3
<b>Urban/Rural Location<sup>4</sup></b>								
City .....	48.2	3.2	6.9	8.9	6.7	6.7	15.9	6.4
Town .....	18.2	1.6	3.1	3.2	2.6	1.9	5.8	10.3
Suburbs .....	18.6	2.5	4.4	3.7	2.9	2.8	2.3	10.6
Rural or Open Country .....	16.5	2.4	3.0	3.7	2.2	1.2	4.0	9.3
<b>Total Number of Rooms (Excluding Bathrooms)</b>								
1 or 2 .....	3.1	Q	0.5	0.7	0.4	0.2	1.0	22.3
3 .....	9.2	0.4	1.3	2.3	1.8	0.8	2.5	12.6
4 .....	18.3	1.6	3.3	3.8	2.9	2.3	4.5	9.3
5 .....	21.3	2.4	3.9	4.0	2.8	2.7	5.4	7.2
6 .....	20.0	1.5	3.1	3.3	2.6	3.0	6.5	7.9
7 .....	14.2	1.2	2.4	2.6	2.2	2.3	3.6	9.3
8 .....	8.4	1.0	1.4	1.6	1.1	0.8	2.4	13.2
9 or More .....	7.0	1.4	1.4	1.2	0.6	0.4	2.0	14.4
<b>Bedrooms</b>								
None or 1 .....	13.2	0.6	1.7	2.9	2.2	1.2	4.5	11.2
2 .....	28.8	2.1	4.9	5.7	4.2	3.4	8.4	6.8
3 .....	41.0	4.3	7.5	7.7	5.5	6.2	9.9	5.7
4 or More .....	18.6	2.8	3.1	3.2	2.5	1.7	5.2	9.6

See footnotes at end of table.

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

Housing Unit Characteristics	Total	Year of Construction						RSE Row Factors
		1990 to 1997 <sup>1</sup>	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	0.9	
<b>Other Rooms</b>								
<b>(Excluding Bathrooms)</b>								
None or 1 .....	5.1	0.4	1.0	1.3	0.7	0.4	1.3	16.5
2 .....	38.6	4.0	6.6	8.0	6.6	4.8	8.7	6.0
3 .....	31.0	2.2	4.9	5.5	3.9	4.4	10.2	6.7
4 .....	17.6	1.6	3.4	3.2	2.3	2.0	5.0	9.2
5 or More .....	9.2	1.6	1.4	1.6	1.0	0.9	2.7	12.1
<b>Full Bathrooms</b>								
None or 1 .....	59.4	2.4	6.2	11.0	9.4	8.7	21.6	5.3
2 .....	35.9	5.7	9.7	7.2	4.4	3.4	5.5	6.7
3 or More .....	6.2	1.7	1.3	1.3	0.7	0.5	0.8	16.8
<b>Half Bathrooms</b>								
None .....	73.0	6.1	11.3	13.7	10.5	9.8	21.7	5.0
1 .....	26.5	3.6	5.6	5.5	3.7	2.6	5.6	7.5
2 or More .....	Q	Q	Q	Q	Q	Q	Q	NF
<b>Number of Stories</b>								
Single-Family Homes .....	73.7	7.1	11.9	12.3	9.9	10.7	21.8	4.6
1 Story .....	41.1	3.6	5.7	7.6	7.3	8.1	8.9	6.2
2 Stories .....	26.9	3.2	4.9	3.4	2.0	2.2	11.2	8.7
3 Stories .....	3.2	Q	0.5	0.6	0.3	Q	1.5	19.7
Split-Level .....	2.4	Q	0.8	0.7	0.4	0.2	Q	22.3
Other .....	Q	Q	Q	Q	Q	Q	Q	Q
Mobile Homes .....	6.3	1.3	1.7	2.1	0.9	0.2	0.2	17.4
<b>Number of Floors in Apartment Buildings</b>								
1 or 2 Floors .....	10.9	0.7	2.3	2.7	1.9	1.0	2.3	13.1
3 or 4 Floors .....	5.4	0.2	0.7	1.2	0.9	0.3	2.1	25.4
5 to 10 Floors .....	2.1	Q	Q	0.5	0.2	0.2	0.7	26.6
11 to 20 Floors .....	0.8	Q	Q	Q	0.2	Q	Q	37.4
More than 20 Floors .....	0.2	Q	Q	Q	Q	Q	Q	58.2
Don't Know/No Answer .....	2.0	Q	0.4	0.5	0.2	Q	0.7	27.8
<b>Foundation/Basement of Single-Family Homes (More than one may apply)</b>								
Basement .....	33.2	2.5	3.5	4.3	4.0	4.5	14.4	7.6
Crawlspace .....	22.5	1.8	2.3	3.6	3.3	4.1	7.4	9.6
Concrete Slab .....	23.0	3.1	6.3	5.4	3.5	2.6	2.1	9.2
Not Asked (Mobile Homes and Multi-Family Units) .....	27.7	2.6	5.4	7.3	4.5	1.9	6.1	8.5
<b>Garage/Carport</b>								
Yes .....	54.5	6.2	9.8	10.0	7.8	7.7	13.0	5.5
1-Car Garage .....	16.2	0.8	2.1	2.3	2.3	3.3	5.4	10.8
2-Car Garage .....	29.7	4.0	6.5	6.2	4.1	3.1	5.7	7.9
3-Car Garage .....	2.8	1.0	0.5	0.3	Q	Q	0.7	16.4
Covered Carport .....	6.4	0.3	0.7	1.4	1.3	1.3	1.4	14.4
No .....	25.6	2.3	3.8	4.4	3.1	3.1	9.0	7.6
Not Asked (Apartments) .....	21.4	1.3	3.7	5.2	3.6	1.7	6.0	10.4

See footnotes at end of table.



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

Housing Unit Characteristics	Total	Year of Construction						RSE Row Factors
		1990 to 1997 <sup>1</sup>	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	0.9	
<b>Fuels Used For Any Use (more than one often used)</b>								
Electricity .....	101.4	9.7	17.3	19.6	14.4	12.5	27.9	4.2
Natural Gas .....	61.9	5.2	7.5	9.5	9.6	9.2	20.9	6.1
Wood .....	15.0	1.6	3.7	3.4	2.2	1.4	2.8	9.8
Fuel Oil .....	10.0	0.3	0.6	1.0	1.5	1.5	5.0	14.6
LPG .....	8.1	0.9	1.2	1.7	1.1	0.7	2.5	14.0
Kerosene .....	3.5	0.2	0.5	0.8	0.4	0.3	1.4	18.4
Solar .....	0.7	Q	Q	0.3	Q	Q	Q	39.3
<b>Main Heating Fuel</b>								
Natural Gas .....	53.5	4.7	6.2	8.1	8.3	8.1	18.1	6.5
Electricity .....	29.6	3.9	9.3	8.5	3.4	2.2	2.3	8.4
Fuel Oil .....	9.5	0.3	0.5	1.0	1.5	1.4	4.7	14.6
LPG .....	4.6	0.6	0.7	1.0	0.6	0.5	1.4	17.1
Wood .....	2.2	Q	0.4	0.5	0.4	0.2	0.7	22.5
Kerosene .....	1.0	Q	0.1	0.3	Q	Q	0.3	30.6
Solar .....	Q	Q	Q	Q	Q	Q	Q	NF
Other/None .....	1.2	Q	Q	0.3	0.2	Q	0.4	34.8

<sup>1</sup> 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.

<sup>2</sup> 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.

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

<sup>4</sup> Based on the household respondent's description rather than the Federal Government definition.

-- = Data not applicable.

NF = No applicable RSE row factor.

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

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

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC1-3a. Housing Unit Characteristics by Household Income, Million U.S. Households, 1997**

Housing Unit Characteristics	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance <sup>1</sup>	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	
<b>Total</b> .....	101.5	13.3	29.1	31.1	27.9	14.6	34.1	2.7
<b>Census Region and Division</b>								
Northeast .....	19.7	2.5	4.6	6.2	6.3	2.5	6.4	5.0
New England .....	5.3	0.4	1.4	1.7	1.7	0.4	1.9	7.0
Middle Atlantic .....	14.4	2.1	3.2	4.5	4.6	2.1	4.6	6.2
Midwest .....	24.1	2.5	6.5	8.0	7.1	2.9	7.2	4.9
East North Central .....	16.9	1.8	4.6	5.5	5.0	2.1	5.3	5.2
West North Central .....	7.2	0.7	1.9	2.5	2.1	0.8	1.9	10.7
South .....	35.9	5.6	10.9	10.1	9.3	5.7	12.4	4.9
South Atlantic .....	18.7	2.8	5.3	5.5	5.2	2.9	6.4	7.1
East South Central .....	6.3	1.2	2.0	1.9	1.2	1.2	2.3	6.4
West South Central .....	10.8	1.7	3.6	2.7	2.9	1.6	3.8	9.3
West .....	21.8	2.7	7.1	6.8	5.2	3.6	8.1	6.3
Mountain .....	6.2	0.8	2.0	2.1	1.3	0.9	1.9	9.6
Pacific .....	15.6	1.9	5.1	4.7	3.9	2.7	6.2	7.8
<b>Metropolitan Statistical Area</b>								
Urban .....	78.6	9.9	21.1	24.0	23.6	11.0	25.0	3.1
Central City .....	36.8	6.1	11.3	11.1	8.3	6.6	14.2	5.9
Suburban .....	41.9	3.8	9.8	12.9	15.4	4.5	10.9	6.5
Rural .....	22.8	3.4	8.0	7.1	4.3	3.6	9.1	6.8
<b>Climate Zone<sup>2</sup></b>								
Fewer than 2,000 CDD and--								
More than 7,000 HDD .....	9.3	0.8	2.8	3.3	2.3	1.0	2.8	18.6
5,500 to 7,000 HDD .....	28.0	2.9	7.2	9.2	8.8	3.3	8.2	9.7
4,000 to 5,499 HDD .....	22.5	3.2	5.7	6.9	6.7	3.1	7.6	9.9
Fewer than 4,000 HDD .....	19.5	2.9	6.4	5.8	4.5	3.7	7.6	11.8
2,000 CDD or More and --								
Fewer than 4,000 HDD .....	22.2	3.5	7.2	5.9	5.6	3.6	7.9	9.4
<b>Estimated Heated Floorspace Category (square feet)<sup>3</sup></b>								
Fewer than 600 .....	7.9	2.9	3.1	1.6	0.3	2.7	4.9	10.8
600 to 999 .....	21.5	4.3	8.6	6.0	2.6	4.6	10.2	6.4
1,000 to 1,599 .....	30.4	2.8	9.7	10.8	7.0	3.7	9.9	5.7
1,600 to 1,999 .....	15.3	0.6	3.2	5.4	6.1	0.9	2.8	7.8
2,000 to 2,399 .....	7.9	0.2	1.2	2.5	4.0	0.3	1.1	12.9
2,400 to 2,999 .....	5.3	Q	0.3	1.4	3.4	0.2	0.5	17.5
3,000 or More .....	4.1	Q	0.3	0.9	2.8	Q	0.4	19.4
No Estimate Provided .....	9.1	2.2	2.7	2.5	1.7	2.2	4.4	10.7
<b>Ownership of Unit</b>								
Owned .....	68.5	5.1	17.6	21.9	23.9	5.7	17.1	3.8
Rented .....	33.0	8.2	11.5	9.3	4.0	9.0	17.0	5.0

See footnotes at end of table.

**Table HC1-3a. Housing Unit Characteristics by Household Income, Million U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance <sup>1</sup>	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	
<b>Type and Ownership of Housing Unit</b>								
Single-Family Detached .....	63.8	5.1	15.5	20.4	22.8	6.1	16.3	4.0
Owned .....	55.6	3.7	12.8	17.8	21.3	4.1	12.5	4.5
Rented .....	8.1	1.4	2.7	2.5	1.5	2.0	3.8	9.3
Single-Family Attached .....	9.9	1.5	3.1	3.0	2.3	1.6	3.7	10.2
Owned .....	5.5	0.4	1.6	1.7	1.7	0.5	1.5	16.0
Rented .....	4.5	1.1	1.5	1.3	0.6	1.2	2.3	12.1
Multifamily (2 to 4 units) .....	5.6	1.5	2.1	1.3	0.7	1.5	3.0	12.6
Owned .....	0.9	Q	0.2	0.3	0.3	Q	0.3	29.9
Rented .....	4.7	1.4	1.9	1.0	0.4	1.4	2.7	14.4
Multifamily (5 or more units) .....	15.8	4.2	5.3	4.7	1.7	4.0	8.0	8.8
Owned .....	1.2	0.2	0.3	0.5	Q	Q	0.5	27.5
Rented .....	14.6	4.0	4.9	4.2	1.5	3.9	7.5	8.8
Mobile Home .....	6.3	1.0	3.2	1.7	0.5	1.4	3.0	13.2
Owned .....	5.3	0.7	2.7	1.5	0.4	1.0	2.3	14.3
Rented .....	1.1	0.3	0.5	0.2	Q	0.4	0.7	23.4
<b>Year of Construction</b>								
1939 or Before .....	18.7	3.2	5.8	5.7	4.0	3.5	7.7	7.6
1940 to 1949 .....	9.2	1.4	3.3	2.7	1.8	1.6	4.0	9.2
1950 to 1959 .....	12.5	1.7	4.1	3.9	2.9	2.1	4.7	7.0
1960 to 1969 .....	14.4	1.8	4.4	4.8	3.5	2.2	4.7	7.9
1970 to 1979 .....	19.6	2.5	5.2	6.3	5.6	2.7	6.1	6.7
1980 to 1989 .....	17.3	1.8	4.5	4.7	6.3	1.8	4.7	9.1
1990 to 1997 <sup>4</sup> .....	9.7	0.9	1.9	3.0	3.9	0.8	2.2	12.6
<b>Urban/Rural Location<sup>5</sup></b>								
City .....	48.2	8.0	15.4	14.5	10.3	8.8	19.0	4.6
Town .....	18.2	2.7	5.7	5.3	4.5	2.9	7.1	9.2
Suburbs .....	18.6	0.9	3.3	5.8	8.6	1.0	3.0	9.2
Rural or Open Country .....	16.5	1.7	4.7	5.5	4.5	2.0	5.0	8.7
<b>Total Number of Rooms (Excluding Bathrooms)</b>								
1 or 2 .....	3.1	1.3	1.3	0.4	Q	1.1	2.0	13.4
3 .....	9.2	2.9	3.4	2.3	0.6	2.5	5.0	9.3
4 .....	18.3	3.5	7.0	5.6	2.2	3.7	8.3	6.9
5 .....	21.3	2.7	7.5	7.0	3.9	3.4	8.3	6.1
6 .....	20.0	1.9	5.6	6.8	5.7	2.5	6.2	6.6
7 .....	14.2	0.5	2.7	5.1	5.9	0.9	2.5	8.6
8 .....	8.4	0.2	0.9	2.5	4.8	0.2	1.0	12.6
9 or More .....	7.0	Q	0.7	1.3	4.8	0.3	0.8	13.9
<b>Bedrooms</b>								
None or 1 .....	13.2	4.4	4.8	3.0	0.9	3.6	7.3	8.1
2 .....	28.8	5.0	10.8	9.0	4.0	5.1	12.2	5.3
3 .....	41.0	3.1	10.7	13.8	13.4	4.5	11.1	4.9
4 or More .....	18.6	0.9	2.8	5.3	9.6	1.4	3.5	7.9

See footnotes at end of table.

**Table HC1-3a. Housing Unit Characteristics by Household Income, Million U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance <sup>1</sup>	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	
<b>Other Rooms (Excluding Bathrooms)</b>								
None or 1 .....	5.1	1.7	2.1	1.0	0.2	1.5	2.9	11.6
2 .....	38.6	7.4	14.0	11.9	5.3	8.1	17.3	4.2
3 .....	31.0	3.1	9.0	10.3	8.6	3.9	10.0	5.5
4 .....	17.6	0.7	3.1	5.7	8.1	0.7	2.6	8.0
5 or More .....	9.2	0.3	1.0	2.2	5.7	0.4	1.2	12.7
<b>Full Bathrooms</b>								
None or 1 .....	59.4	11.5	21.3	17.8	8.7	12.0	27.0	3.4
2 .....	35.9	1.6	7.3	12.0	15.1	2.4	6.5	5.5
3 or More .....	6.2	Q	0.5	1.3	4.2	0.3	0.6	17.7
<b>Half Bathrooms</b>								
None .....	73.0	11.9	23.4	22.6	15.2	12.7	28.4	3.0
1 .....	26.5	1.3	5.5	7.9	11.7	1.8	5.4	6.5
2 or More .....	Q	Q	Q	Q	Q	Q	Q	NF
<b>Number of Stories</b>								
Single-Family Homes .....	73.7	6.6	18.6	23.4	25.1	7.8	20.1	3.6
1 Story .....	41.1	5.0	12.7	13.3	10.2	5.6	13.6	5.0
2 Stories .....	26.9	1.4	5.1	8.8	11.7	1.9	5.7	6.9
3 Stories .....	3.2	Q	0.5	0.7	1.9	Q	0.6	16.4
Split-Level .....	2.4	Q	0.3	0.7	1.4	Q	Q	19.9
Other .....	Q	Q	Q	Q	Q	Q	Q	NF
Mobile Homes .....	6.3	1.0	3.2	1.7	0.5	1.4	3.0	13.2
<b>Number of Floors in Apartment Buildings</b>								
1 or 2 Floors .....	10.9	2.8	4.3	3.0	0.8	2.8	5.8	10.5
3 or 4 Floors .....	5.4	1.0	1.9	1.8	0.8	1.1	2.3	18.5
5 to 10 Floors .....	2.1	0.8	0.5	0.5	0.3	0.7	1.2	19.9
11 to 20 Floors .....	0.8	0.5	0.1	Q	Q	0.4	0.6	30.9
More than 20 Floors .....	0.2	Q	Q	Q	Q	Q	Q	48.6
Don't Know/No Answer .....	2.0	0.6	0.5	0.6	0.3	0.5	1.0	21.1
<b>Foundation/Basement of Single-Family Homes (More than one may apply)</b>								
Basement .....	33.2	2.1	7.2	11.1	12.9	2.3	7.8	6.3
Crawlspace .....	22.5	2.6	6.8	7.2	5.9	3.1	7.1	7.5
Concrete Slab .....	23.0	2.1	5.7	6.6	8.5	2.6	6.1	7.3
Not Asked (Mobile Homes and Multi-Family Units) .....	27.7	6.7	10.6	7.7	2.8	6.9	14.0	6.0
<b>Garage/Carport</b>								
Yes .....	54.5	3.3	12.4	17.5	21.3	3.7	11.6	4.6
1-Car Garage .....	16.2	1.5	4.8	5.6	4.3	1.5	4.9	8.0
2-Car Garage .....	29.7	1.1	5.2	9.4	14.1	1.5	4.3	7.4
3-Car Garage .....	2.8	Q	0.3	0.7	1.7	Q	0.4	18.8
Covered Carport .....	6.4	0.7	2.2	2.1	1.5	0.7	2.1	11.7
No .....	25.6	4.4	9.4	7.6	4.3	5.5	11.5	6.1
Not Asked (Apartments) .....	21.4	5.7	7.4	6.0	2.3	5.5	11.0	7.0

See footnotes at end of table.

**Table HC1-3a. Housing Unit Characteristics by Household Income, Million U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance <sup>1</sup>	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	
<b>Fuels Used For Any Use (more than one often used)</b>								
Electricity .....	101.4	13.3	29.1	31.1	27.9	14.6	34.0	2.7
Natural Gas .....	61.9	8.0	17.0	19.0	17.9	9.1	20.4	4.3
Wood .....	15.0	0.7	3.0	4.7	6.7	1.1	3.0	9.4
Fuel Oil .....	10.0	1.3	2.5	3.2	3.0	1.4	3.4	10.4
LPG .....	8.1	1.0	2.4	2.7	1.9	1.2	2.8	12.7
Kerosene .....	3.5	0.4	1.2	1.2	0.6	0.6	1.4	14.5
Solar .....	0.7	Q	Q	0.2	0.3	Q	Q	39.2
<b>Main Heating Fuel</b>								
Natural Gas .....	53.5	6.2	14.7	16.6	15.9	7.2	16.8	4.8
Electricity .....	29.6	4.4	9.1	8.5	7.6	4.4	10.4	6.6
Fuel Oil .....	9.5	1.3	2.4	3.0	2.8	1.3	3.3	10.4
LPG .....	4.6	0.6	1.5	1.8	0.8	0.7	1.6	14.9
Wood .....	2.2	0.3	0.8	0.6	0.5	0.3	0.8	18.3
Kerosene .....	1.0	0.2	0.3	0.4	Q	0.3	0.5	24.0
Solar .....	Q	Q	Q	Q	Q	Q	Q	NF
Other/None .....	1.2	0.3	0.4	0.2	0.2	0.4	0.7	24.8

<sup>1</sup> Below 150 percent of poverty line or 60 percent of median State income.

<sup>2</sup> 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.

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

<sup>4</sup> 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.

<sup>5</sup> Based on the household respondent's description rather than the Federal Government definition.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See

"Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC1-4a. Housing Unit Characteristics by Type of Housing Unit,  
Million 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	1.7	1.3	1.8	
<b>Total</b> .....	101.5	73.7	5.6	15.8	6.3	4.0
<b>Census Region and Division</b>						
Northeast .....	19.7	13.8	1.7	3.8	0.5	7.9
New England .....	5.3	3.8	0.7	0.7	0.1	15.5
Middle Atlantic .....	14.4	10.0	1.0	3.1	0.4	8.9
Midwest .....	24.1	18.4	1.7	2.8	1.1	8.1
East North Central .....	16.9	12.5	1.5	2.2	0.7	8.3
West North Central .....	7.2	5.9	0.3	0.6	0.4	17.3
South .....	35.9	26.7	1.4	4.8	3.0	7.8
South Atlantic .....	18.7	13.6	0.7	2.9	1.5	11.7
East South Central .....	6.3	4.8	0.3	0.4	0.8	14.6
West South Central .....	10.8	8.2	0.4	1.5	0.7	9.5
West .....	21.8	14.9	0.8	4.4	1.7	9.3
Mountain .....	6.2	4.5	0.2	0.8	0.7	15.8
Pacific .....	15.6	10.4	0.6	3.5	1.1	11.5
<b>Metropolitan Statistical Area</b>						
Urban .....	78.6	55.8	4.5	14.8	3.6	5.1
Central City .....	36.8	23.8	3.0	8.8	1.2	8.9
Suburban .....	41.9	32.0	1.5	6.0	2.3	9.0
Rural .....	22.8	18.0	1.1	1.0	2.7	8.6
<b>Climate Zone<sup>1</sup></b>						
Fewer than 2,000 CDD and--						
More than 7,000 HDD .....	9.3	7.7	0.5	0.6	0.5	25.4
5,500 to 7,000 HDD .....	28.0	20.5	2.2	4.0	1.4	12.7
4,000 to 5,499 HDD .....	22.5	15.8	1.3	4.3	1.1	13.9
Fewer than 4,000 HDD .....	19.5	13.7	0.8	3.5	1.5	14.2
2,000 CDD or More and --						
Fewer than 4,000 HDD .....	22.2	16.0	0.8	3.4	2.0	12.9
<b>Estimated Heated Floorspace Category (square feet)<sup>2</sup></b>						
Fewer than 600 .....	7.9	1.9	1.3	3.7	0.9	10.3
600 to 999 .....	21.5	9.5	2.3	7.2	2.5	7.2
1,000 to 1,599 .....	30.4	25.0	0.9	2.6	1.8	8.5
1,600 to 1,999 .....	15.3	14.4	Q	0.3	0.4	10.1
2,000 to 2,399 .....	7.9	7.7	Q	Q	Q	10.6
2,400 to 2,999 .....	5.3	5.2	Q	Q	Q	14.6
3,000 or More .....	4.1	4.0	Q	Q	Q	21.0
No Estimate Provided .....	9.1	5.9	0.9	1.9	0.4	12.9
<b>Year of Construction</b>						
1939 or Before .....	18.7	14.5	1.8	2.4	Q	10.1
1940 to 1949 .....	9.2	7.3	0.8	1.1	Q	11.2
1950 to 1959 .....	12.5	10.7	0.4	1.3	0.2	10.8
1960 to 1969 .....	14.4	9.9	0.9	2.7	0.9	9.8
1970 to 1979 .....	19.6	12.3	0.9	4.2	2.1	8.0
1980 to 1989 .....	17.3	11.9	0.7	3.0	1.7	11.4
1990 to 1997 <sup>3</sup> .....	9.7	7.1	Q	1.1	1.3	16.2
<b>Urban/Rural Location<sup>4</sup></b>						
City .....	48.2	31.4	3.9	11.2	1.8	6.8
Town .....	18.2	13.8	1.2	2.2	1.0	11.9
Suburbs .....	18.6	15.4	0.4	2.0	0.7	12.5
Rural or Open Country .....	16.5	13.2	0.1	0.4	2.8	12.9

See footnotes at end of table.

**Table HC1-4a. Housing Unit Characteristics by Type of Housing Unit,  
Million 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	1.7	1.3	1.8	
<b>Total Number of Rooms (Excluding Bathrooms)</b>						
1 or 2 .....	3.1	0.4	0.3	2.1	0.2	18.4
3 .....	9.2	1.6	1.6	5.6	0.4	10.2
4 .....	18.3	7.8	2.0	5.8	2.7	7.9
5 .....	21.3	16.4	1.0	1.8	2.1	7.9
6 .....	20.0	18.5	0.5	0.5	0.6	10.1
7 .....	14.2	13.8	Q	Q	0.2	10.3
8 .....	8.4	8.3	Q	Q	Q	11.8
9 or More .....	7.0	6.9	Q	Q	Q	12.4
<b>Bedrooms</b>						
None or 1 .....	13.2	2.6	2.1	8.1	0.4	9.1
2 .....	28.8	16.4	2.5	6.7	3.1	6.8
3 .....	41.0	36.8	0.8	0.8	2.6	7.3
4 or More .....	18.6	17.9	0.2	0.2	0.3	14.2
<b>Other Rooms (Excluding Bathrooms)</b>						
None or 1 .....	5.1	1.4	0.4	2.5	0.7	12.6
2 .....	38.6	19.9	3.6	10.9	4.2	5.4
3 .....	31.0	26.5	1.3	2.1	1.1	7.7
4 .....	17.6	16.9	0.3	0.2	0.2	14.3
5 or More .....	9.2	9.1	Q	Q	Q	10.7
<b>Full Bathrooms</b>						
None or 1 .....	59.4	37.3	5.1	13.5	3.5	4.5
2 .....	35.9	30.3	0.5	2.3	2.8	8.1
3 or More .....	6.2	6.1	Q	Q	Q	17.2
<b>Half Bathrooms</b>						
None .....	73.0	48.2	5.1	14.0	5.7	4.6
1 .....	26.5	23.6	0.5	1.8	0.6	9.0
2 or More .....	Q	Q	Q	Q	Q	NF
<b>Number of Stories</b>						
Single-Family Homes .....	73.7	73.7	--	--	--	2.8
1 Story .....	41.1	41.1	--	--	--	5.7
2 Stories .....	26.9	26.9	--	--	--	7.2
3 Stories .....	3.2	3.2	--	--	--	18.0
Split-Level .....	2.4	2.4	--	--	--	23.2
Other .....	Q	Q	--	--	--	NF
Mobile Homes .....	6.3	Q	--	--	6.3	9.1
<b>Number of Floors in Apartment Buildings</b>						
1 or 2 Floors .....	10.9	--	4.1	6.8	--	7.9
3 or 4 Floors .....	5.4	--	0.7	4.7	--	17.1
5 to 10 Floors .....	2.1	--	Q	2.0	--	14.7
11 to 20 Floors .....	0.8	--	Q	0.8	--	27.3
More than 20 Floors .....	0.2	--	Q	0.2	--	36.2
Don't Know/No Answer .....	2.0	--	0.8	1.2	--	17.2

See footnotes at end of table.

**Table HC1-4a. Housing Unit Characteristics by Type of Housing Unit, Million 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	1.7	1.3	1.8	
<b>Foundation/Basement of Single-Family Homes (More than one may apply)</b>						
Basement .....	33.2	33.2	--	--	--	7.1
Crawlspace .....	22.5	22.5	--	--	--	9.5
Concrete Slab .....	23.0	23.0	--	--	--	8.8
Not Asked (Mobile Homes and Multi-Family Units) .....	27.7	--	5.6	15.8	6.3	5.2
<b>Garage/Carport</b>						
Yes .....	54.5	52.9	--	--	1.6	5.0
1-Car Garage .....	16.2	16.0	--	--	0.3	11.5
2-Car Garage .....	29.7	29.4	--	--	0.3	9.4
3-Car Garage .....	2.8	2.7	--	--	Q	18.0
Covered Carport .....	6.4	5.4	--	--	1.0	13.0
No .....	25.6	20.8	--	--	4.7	7.3
Not Asked (Apartments) .....	21.4	Q	5.6	15.8	Q	5.6
<b>Fuels Used For Any Use (more than one often used)</b>						
Electricity .....	101.4	73.7	5.6	15.8	6.3	4.0
Natural Gas .....	61.9	47.0	3.8	8.8	2.3	6.1
Wood .....	15.0	14.0	Q	0.2	0.7	12.9
Fuel Oil .....	10.0	7.5	0.5	1.8	Q	14.1
LPG .....	8.1	6.2	Q	Q	1.7	14.5
Kerosene .....	3.5	2.7	Q	Q	0.6	15.1
Solar .....	0.7	0.6	Q	Q	Q	52.3
<b>Main Heating Fuel</b>						
Natural Gas .....	53.5	42.5	3.4	5.5	2.1	7.2
Electricity .....	29.6	17.7	1.6	7.9	2.4	8.6
Fuel Oil .....	9.5	7.1	0.5	1.8	Q	14.1
LPG .....	4.6	3.5	Q	Q	1.0	17.0
Wood .....	2.2	1.9	Q	Q	0.3	21.3
Kerosene .....	1.0	0.5	Q	Q	0.4	26.4
Solar .....	Q	Q	Q	Q	Q	NF
Other/None .....	1.2	0.5	Q	0.5	Q	32.6

<sup>1</sup> 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.

<sup>2</sup> Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

<sup>3</sup> 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.

<sup>4</sup> Based on the household respondent's description rather than the Federal Government definition.

-- = Data not applicable.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.



**Table HC1-5a. Housing Unit Characteristics by Type of Owner-Occupied Housing Unit, Million 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	2.2	2.1	1.3	
<b>Total</b> .....	68.5	61.1	0.9	1.2	5.3	6.2
<b>Census Region and Division</b>						
Northeast .....	12.8	11.8	0.3	0.3	0.4	12.1
New England .....	3.6	3.3	0.1	Q	Q	18.8
Middle Atlantic .....	9.1	8.4	0.2	0.2	0.3	12.5
Midwest .....	17.3	15.8	0.4	Q	1.0	11.7
East North Central .....	11.8	10.7	0.3	Q	0.7	12.8
West North Central .....	5.5	5.1	Q	Q	0.3	22.3
South .....	25.4	22.4	Q	0.4	2.5	9.0
South Atlantic .....	13.0	11.6	Q	Q	1.1	11.9
East South Central .....	5.0	4.2	Q	Q	0.7	11.4
West South Central .....	7.4	6.7	Q	Q	0.7	11.9
West .....	13.1	11.2	Q	0.4	1.5	13.2
Mountain .....	4.2	3.5	Q	Q	0.5	19.7
Pacific .....	8.9	7.6	Q	0.3	0.9	16.0
<b>Metropolitan Statistical Area</b>						
Urban .....	50.9	46.1	0.7	1.0	3.1	7.9
Central City .....	20.6	18.5	0.5	0.5	1.1	15.8
Suburban .....	30.3	27.6	0.3	0.5	2.0	13.2
Rural .....	17.5	15.1	0.2	0.2	2.1	12.6
<b>Climate Zone<sup>1</sup></b>						
Fewer than 2,000 CDD and--						
More than 7,000 HDD .....	7.0	6.6	Q	Q	0.4	37.7
5,500 to 7,000 HDD .....	19.3	17.4	0.5	0.3	1.1	19.5
4,000 to 5,499 HDD .....	14.8	13.3	0.2	0.4	0.9	19.3
Fewer than 4,000 HDD .....	12.0	10.6	Q	Q	1.2	26.5
2,000 CDD or More and --						
Fewer than 4,000 HDD .....	15.3	13.3	Q	0.3	1.6	19.2
<b>Estimated Heated Floorspace Category (square feet)<sup>2</sup></b>						
Fewer than 600 .....	1.7	0.7	Q	Q	0.7	28.8
600 to 999 .....	8.5	5.8	0.3	0.4	2.0	13.8
1,000 to 1,599 .....	22.9	20.7	0.2	0.3	1.7	11.3
1,600 to 1,999 .....	13.6	13.0	Q	Q	0.4	11.9
2,000 to 2,399 .....	7.3	7.2	Q	Q	Q	13.7
2,400 to 2,999 .....	5.1	5.1	Q	Q	Q	18.5
3,000 or More .....	4.1	4.0	Q	Q	Q	26.2
No Estimate Provided .....	5.2	4.6	Q	Q	0.3	19.4
<b>Year of Construction</b>						
1939 or Before .....	12.2	11.6	0.5	Q	Q	13.2
1940 to 1949 .....	5.8	5.6	Q	Q	Q	18.6
1950 to 1959 .....	8.9	8.7	Q	Q	Q	14.9
1960 to 1969 .....	9.2	8.2	Q	0.2	0.8	15.3
1970 to 1979 .....	12.8	10.3	0.2	0.6	1.7	13.2
1980 to 1989 .....	12.0	10.4	Q	Q	1.4	14.4
1990 to 1997 <sup>3</sup> .....	7.6	6.3	Q	Q	1.2	20.3
<b>Urban/Rural Location<sup>4</sup></b>						
City .....	27.4	24.5	0.6	0.8	1.5	11.6
Town .....	12.5	11.4	0.2	Q	0.8	17.3
Suburbs .....	14.6	13.6	Q	0.2	0.7	15.8
Rural or Open Country .....	13.9	11.6	Q	Q	2.2	13.0

See footnotes at end of table.

**Table HC1-5a. Housing Unit Characteristics by Type of Owner-Occupied Housing Unit, Million 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	2.2	2.1	1.3	
<b>Total Number of Rooms (Excluding Bathrooms)</b>						
1 or 2 .....	0.3	Q	Q	Q	0.1	51.5
3 .....	1.2	0.6	Q	0.3	0.3	26.4
4 .....	7.4	4.5	0.4	0.5	2.1	12.8
5 .....	15.0	12.7	0.2	0.2	1.8	12.6
6 .....	16.7	16.0	Q	Q	0.6	11.0
7 .....	13.0	12.7	Q	Q	0.2	13.6
8 .....	8.0	7.9	Q	Q	Q	14.5
9 or More .....	6.8	6.7	Q	Q	Q	16.3
<b>Bedrooms</b>						
None or 1 .....	2.0	1.1	Q	0.4	0.3	21.9
2 .....	14.7	11.2	0.5	0.6	2.5	11.2
3 .....	34.8	32.3	0.2	Q	2.2	8.5
4 or More .....	17.0	16.6	Q	Q	0.3	12.2
<b>Other Rooms (Excluding Bathrooms)</b>						
None or 1 .....	1.3	0.7	Q	Q	0.5	30.7
2 .....	18.5	13.8	0.5	0.7	3.5	10.2
3 .....	23.9	22.3	0.2	0.3	1.0	12.1
4 .....	16.0	15.6	Q	Q	0.2	14.3
5 or More .....	8.8	8.7	Q	Q	Q	14.0
<b>Full Bathrooms</b>						
None or 1 .....	31.7	27.7	0.6	0.8	2.6	8.8
2 .....	30.8	27.5	0.3	0.4	2.6	9.9
3 or More .....	5.9	5.9	Q	Q	Q	22.4
<b>Half Bathrooms</b>						
None .....	44.7	38.2	0.8	1.0	4.8	7.8
1 .....	22.0	21.2	Q	Q	0.5	9.7
2 or More .....	Q	Q	Q	Q	Q	NF
<b>Number of Stories</b>						
Single-Family Homes .....	61.1	61.1	--	--	--	4.4
1 Story .....	33.3	33.3	--	--	--	7.8
2 Stories .....	22.9	22.9	--	--	--	10.3
3 Stories .....	2.7	2.7	--	--	--	27.1
Split-Level .....	2.2	2.2	--	--	--	29.7
Other .....	Q	Q	--	--	--	NF
Mobile Homes .....	5.3	Q	--	--	5.3	13.2
<b>Number of Floors in Apartment Buildings</b>						
1 or 2 Floors .....	0.9	--	0.5	0.3	--	21.9
3 or 4 Floors .....	0.5	--	Q	0.4	--	39.4
5 to 10 Floors .....	0.2	--	Q	0.2	--	23.5
11 to 20 Floors .....	Q	--	Q	Q	--	Q
More than 20 Floors .....	Q	--	Q	Q	--	Q
Don't Know/No Answer .....	0.4	--	0.3	Q	--	21.1

See footnotes at end of table.

**Table HC1-5a. Housing Unit Characteristics by Type of Owner-Occupied Housing Unit, Million 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	2.2	2.1	1.3	
<b>Foundation/Basement of Single-Family Homes (More than one may apply)</b>						
Basement .....	28.9	28.9	--	--	--	9.8
Crawlspace .....	18.2	18.2	--	--	--	11.6
Concrete Slab .....	18.5	18.5	--	--	--	12.7
Not Asked (Mobile Homes and Multi-Family Units) .....	7.3	--	0.9	1.2	5.3	10.3
<b>Garage/Carport</b>						
Yes .....	48.5	47.0	--	--	1.5	7.4
1-Car Garage .....	13.5	13.3	--	--	0.2	16.0
2-Car Garage .....	27.3	27.1	--	--	0.3	12.5
3-Car Garage .....	2.7	2.7	--	--	Q	22.3
Covered Carport .....	5.5	4.6	--	--	1.0	18.0
No .....	17.9	14.1	--	--	3.8	11.4
Not Asked (Apartments) .....	2.1	--	0.9	1.2	--	14.9
<b>Fuels Used For Any Use (more than one often used)</b>						
Electricity .....	68.4	61.1	0.9	1.2	5.3	6.2
Natural Gas .....	41.9	38.4	0.8	0.6	2.0	9.7
Wood .....	13.2	12.5	Q	Q	0.6	13.4
Fuel Oil .....	7.0	6.7	Q	0.2	Q	18.1
LPG .....	6.7	5.4	Q	Q	1.3	18.6
Kerosene .....	2.7	2.2	Q	Q	0.4	21.4
Solar .....	0.6	0.6	Q	Q	Q	68.5
<b>Main Heating Fuel</b>						
Natural Gas .....	37.8	34.9	0.8	0.3	1.8	11.2
Electricity .....	17.3	14.6	Q	0.6	2.0	13.2
Fuel Oil .....	6.6	6.3	Q	0.2	Q	17.7
LPG .....	3.7	2.9	Q	Q	0.8	22.9
Wood .....	1.8	1.6	Q	Q	0.2	30.6
Kerosene .....	0.7	0.4	Q	Q	0.3	40.8
Solar .....	Q	Q	Q	Q	Q	NF
Other/None .....	0.5	0.4	Q	Q	Q	NF

<sup>1</sup> 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.

<sup>2</sup> Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

<sup>3</sup> 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.

<sup>4</sup> Based on the household respondent's description rather than the Federal Government definition.

-- = Data not applicable.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC1-6a. Housing Unit Characteristics by Type of Rented Housing Unit, Million 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	2.1	
<b>Total</b> .....	33.0	12.6	4.7	14.6	1.1	6.3
<b>Census Region and Division</b>						
Northeast .....	7.0	2.0	1.4	3.5	Q	10.3
New England .....	1.7	0.4	0.6	0.6	Q	21.8
Middle Atlantic .....	5.3	1.5	0.8	2.9	Q	11.8
Midwest .....	6.8	2.7	1.3	2.7	0.1	16.2
East North Central .....	5.1	1.8	1.1	2.1	Q	15.8
West North Central .....	1.7	0.8	0.2	0.6	Q	32.7
South .....	10.5	4.2	1.3	4.5	0.5	11.6
South Atlantic .....	5.7	2.1	0.6	2.7	0.4	15.9
East South Central .....	1.4	0.6	0.3	0.4	Q	25.9
West South Central .....	3.4	1.5	0.4	1.4	Q	16.0
West .....	8.8	3.7	0.8	4.0	0.3	12.1
Mountain .....	2.0	0.9	0.2	0.8	Q	23.5
Pacific .....	6.8	2.8	0.6	3.2	0.2	15.1
<b>Metropolitan Statistical Area</b>						
Urban .....	27.7	9.7	3.8	13.8	0.4	7.3
Central City .....	16.2	5.3	2.5	8.3	0.1	10.6
Suburban .....	11.5	4.5	1.2	5.5	0.3	13.7
Rural .....	5.3	2.9	0.9	0.9	0.6	14.8
<b>Climate Zone<sup>1</sup></b>						
Fewer than 2,000 CDD and--						
More than 7,000 HDD .....	2.2	1.2	0.4	0.6	Q	31.2
5,500 to 7,000 HDD .....	8.7	3.1	1.7	3.7	0.2	15.6
4,000 to 5,499 HDD .....	7.7	2.5	1.1	3.9	0.2	15.8
Fewer than 4,000 HDD .....	7.5	3.1	0.8	3.3	0.2	14.6
2,000 CDD or More and --						
Fewer than 4,000 HDD .....	6.9	2.7	0.7	3.1	0.3	15.2
<b>Estimated Heated Floorspace Category (square feet)<sup>2</sup></b>						
Fewer than 600 .....	6.2	1.2	1.2	3.5	0.2	11.7
600 to 999 .....	13.0	3.7	2.0	6.8	0.5	8.9
1,000 to 1,599 .....	7.4	4.4	0.6	2.3	0.1	14.7
1,600 to 1,999 .....	1.7	1.4	Q	0.3	Q	18.6
2,000 to 2,399 .....	0.6	0.5	Q	Q	Q	30.1
2,400 to 2,999 .....	0.2	0.2	Q	Q	Q	47.9
3,000 or More .....	Q	Q	Q	Q	Q	NF
No Estimate Provided .....	4.0	1.3	0.8	1.8	Q	17.2
<b>Year of Construction</b>						
1939 or Before .....	6.5	2.8	1.3	2.3	Q	12.9
1940 to 1949 .....	3.4	1.7	0.7	1.0	Q	15.2
1950 to 1959 .....	3.7	2.0	0.4	1.2	Q	13.7
1960 to 1969 .....	5.2	1.8	0.8	2.5	0.2	14.5
1970 to 1979 .....	6.8	2.0	0.7	3.7	0.4	12.6
1980 to 1989 .....	5.3	1.5	0.6	2.9	0.2	17.1
1990 to 1997 <sup>3</sup> .....	2.1	0.8	Q	1.0	Q	29.1
<b>Urban/Rural Location<sup>4</sup></b>						
City .....	20.8	6.8	3.2	10.4	0.3	9.0
Town .....	5.8	2.5	1.0	2.1	0.2	15.9
Suburbs .....	3.9	1.8	0.3	1.8	Q	20.5
Rural or Open Country .....	2.5	1.5	0.1	0.4	0.5	19.5

See footnotes at end of table.

**Table HC1-6a. Housing Unit Characteristics by Type of Rented Housing Unit, Million 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	2.1	
<b>Total Number of Rooms (Excluding Bathrooms)</b>						
1 or 2 .....	2.8	0.3	0.3	2.1	Q	18.9
3 .....	8.0	1.0	1.5	5.3	Q	11.5
4 .....	10.9	3.4	1.6	5.3	0.6	10.4
5 .....	6.3	3.6	0.8	1.6	0.2	12.2
6 .....	3.3	2.5	0.4	0.4	Q	16.8
7 .....	1.2	1.1	Q	Q	Q	18.3
8 .....	0.4	0.4	Q	Q	Q	33.7
9 or More .....	0.3	0.3	Q	Q	Q	40.9
<b>Bedrooms</b>						
None or 1 .....	11.2	1.5	2.0	7.7	Q	9.2
2 .....	14.1	5.3	2.1	6.1	0.7	9.5
3 .....	6.2	4.5	0.5	0.8	0.3	12.9
4 or More .....	1.6	1.3	Q	Q	Q	19.5
<b>Other Rooms (Excluding Bathrooms)</b>						
None or 1 .....	3.8	0.7	0.4	2.5	0.2	15.5
2 .....	20.2	6.1	3.1	10.2	0.8	7.8
3 .....	7.1	4.2	1.1	1.8	Q	11.9
4 .....	1.6	1.3	Q	0.2	Q	24.8
5 or More .....	0.4	0.4	Q	Q	Q	34.6
<b>Full Bathrooms</b>						
None or 1 .....	27.7	9.6	4.4	12.7	0.9	6.8
2 .....	5.1	2.8	0.3	1.9	0.2	16.2
3 or More .....	0.2	0.2	Q	Q	Q	47.7
<b>Half Bathrooms</b>						
None .....	28.3	10.0	4.4	13.0	0.9	6.5
1 .....	4.5	2.4	0.3	1.6	0.2	16.8
2 or More .....	Q	Q	Q	Q	Q	NF
<b>Number of Stories</b>						
Single-Family Homes .....	12.6	12.6	--	--	--	7.1
1 Story .....	7.8	7.8	--	--	--	8.9
2 Stories .....	4.1	4.1	--	--	--	11.7
3 Stories .....	0.5	0.5	--	--	--	31.4
Split-Level .....	0.2	0.2	--	--	--	71.1
Other .....	Q	Q	--	--	--	NF
Mobile Homes .....	1.1	Q	--	--	1.1	14.2
<b>Number of Floors in Apartment Buildings</b>						
1 or 2 Floors .....	10.0	--	3.5	6.5	--	9.9
3 or 4 Floors .....	4.9	--	0.6	4.3	--	19.6
5 to 10 Floors .....	1.8	--	Q	1.8	--	17.2
11 to 20 Floors .....	0.7	--	Q	0.7	--	30.8
More than 20 Floors .....	0.2	--	Q	0.2	--	40.1
Don't Know/No Answer .....	1.6	--	0.5	1.1	--	25.3

See footnotes at end of table.

**Table HC1-6a. Housing Unit Characteristics by Type of Rented Housing Unit, Million 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	2.1	
<b>Foundation/Basement of Single-Family Homes (More than one may apply)</b>						
Basement .....	4.3	4.3	--	--	--	10.9
Crawlspace .....	4.3	4.3	--	--	--	14.2
Concrete Slab .....	4.5	4.5	--	--	--	11.5
Not Asked (Mobile Homes and Multi-Family Units) .....	20.4	--	4.7	14.6	1.1	6.9
<b>Garage/Carport</b>						
Yes .....	6.0	5.9	--	--	0.1	11.8
1-Car Garage .....	2.8	2.7	--	--	Q	17.5
2-Car Garage .....	2.3	2.3	--	--	Q	15.6
3-Car Garage .....	Q	Q	--	--	Q	NF
Covered Carport .....	0.9	0.9	--	--	Q	23.0
No .....	7.7	6.7	--	--	0.9	8.1
Not Asked (Apartments) .....	19.3	--	4.7	14.6	--	6.8
<b>Fuels Used For Any Use (more than one often used)</b>						
Electricity .....	33.0	12.6	4.7	14.6	1.1	6.3
Natural Gas .....	20.0	8.5	3.0	8.2	0.3	9.3
Wood .....	1.9	1.5	Q	0.2	Q	23.1
Fuel Oil .....	3.0	0.8	0.4	1.7	Q	17.1
LPG .....	1.3	0.8	Q	Q	0.4	21.8
Kerosene .....	0.8	0.5	Q	Q	0.1	28.1
Solar .....	Q	Q	Q	Q	Q	NF
<b>Main Heating Fuel</b>						
Natural Gas .....	15.7	7.6	2.7	5.1	0.3	10.7
Electricity .....	12.3	3.1	1.5	7.3	0.3	11.4
Fuel Oil .....	2.9	0.8	0.4	1.6	Q	17.4
LPG .....	0.9	0.6	Q	Q	0.2	24.8
Wood .....	0.4	0.3	Q	Q	Q	34.3
Kerosene .....	0.3	0.1	Q	Q	Q	57.5
Solar .....	Q	Q	Q	Q	Q	NF
Other/None .....	0.7	0.1	Q	0.5	Q	NF

<sup>1</sup> 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.

<sup>2</sup> Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

<sup>3</sup> 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.

<sup>4</sup> Based on the household respondent's description rather than the Federal Government definition.

-- = Data not applicable.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC1-7a. Housing Unit Characteristics by Four Most Populated States,  
Million U.S. Households, 1997**

Housing Unit Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	<b>0.4</b>	<b>1.1</b>	<b>1.1</b>	<b>1.2</b>	<b>1.6</b>	
<b>Total</b> .....	101.5	6.8	11.5	7.0	5.9	NF
<b>Census Region and Division</b>						
Northeast .....	19.7	6.8	--	--	--	NF
New England .....	5.3	Q	--	--	--	NF
Middle Atlantic .....	14.4	6.8	--	--	--	NF
Midwest .....	24.1	--	--	--	--	NF
East North Central .....	16.9	--	--	--	--	NF
West North Central .....	7.2	--	--	--	--	NF
South .....	35.9	--	--	7.0	5.9	NF
South Atlantic .....	18.7	--	--	Q	5.9	NF
East South Central .....	6.3	--	--	Q	Q	NF
West South Central .....	10.8	--	--	7.0	Q	NF
West .....	21.8	--	11.5	--	--	NF
Mountain .....	6.2	--	Q	--	--	NF
Pacific .....	15.6	--	11.5	--	--	NF
<b>Metropolitan Statistical Area</b>						
Urban .....	78.6	6.2	11.0	5.8	5.4	1.2
Central City .....	36.8	3.4	4.5	3.2	2.6	10.7
Suburban .....	41.9	2.8	6.5	2.6	2.9	10.1
Rural .....	22.8	0.6	0.5	1.2	0.5	10.5
<b>Climate Zone<sup>1</sup></b>						
Fewer than 2,000 CDD and--						
More than 7,000 HDD .....	9.3	0.5	Q	Q	Q	20.3
5,500 to 7,000 HDD .....	28.0	2.4	Q	Q	Q	11.2
4,000 to 5,499 HDD .....	22.5	3.9	0.6	Q	Q	9.1
Fewer than 4,000 HDD .....	19.5	Q	9.9	Q	Q	4.9
2,000 CDD or More and --						
Fewer than 4,000 HDD .....	22.2	Q	1.0	6.4	5.9	10.1
<b>Estimated Heated Floorspace Category (square feet)<sup>2</sup></b>						
Fewer than 600 .....	7.9	0.9	1.4	0.5	0.3	14.4
600 to 999 .....	21.5	1.6	2.7	1.4	0.8	9.8
1,000 to 1,599 .....	30.4	1.7	3.0	2.0	2.5	7.0
1,600 to 1,999 .....	15.3	0.7	1.5	1.1	0.9	11.9
2,000 to 2,399 .....	7.9	0.4	1.0	0.7	0.4	16.0
2,400 to 2,999 .....	5.3	0.3	0.6	0.4	0.3	19.3
3,000 or More .....	4.1	0.2	0.2	Q	0.3	28.1
No Estimate Provided .....	9.1	1.0	1.0	0.4	0.4	18.2
<b>Ownership of Unit</b>						
Owned .....	68.5	3.8	6.2	4.5	4.4	4.1
Rented .....	33.0	3.1	5.3	2.5	1.5	7.1

See footnotes at end of table.

**Table HC1-7a. Housing Unit Characteristics by Four Most Populated States, Million U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Total	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
		0.4	1.1	1.1	1.2	
<b>Type and Ownership of Housing Unit</b>						
Single-Family Detached .....	63.8	3.0	6.5	5.0	3.7	4.3
Owned .....	55.6	2.8	5.2	4.1	3.4	4.8
Rented .....	8.1	0.2	1.4	0.9	0.3	16.2
Single-Family Attached .....	9.9	0.9	1.3	0.2	0.8	21.8
Owned .....	5.5	0.5	0.5	Q	0.7	25.1
Rented .....	4.5	0.3	0.8	0.2	Q	25.4
Multifamily (2 to 4 units) .....	5.6	0.5	0.5	0.3	Q	24.5
Owned .....	0.9	0.1	Q	Q	Q	40.8
Rented .....	4.7	0.4	0.5	0.3	Q	23.5
Multifamily (5 or more units) .....	15.8	2.3	2.7	1.2	1.0	12.1
Owned .....	1.2	0.2	Q	Q	Q	24.6
Rented .....	14.6	2.1	2.6	1.2	0.8	12.5
Mobile Home .....	6.3	Q	0.5	0.3	Q	28.6
Owned .....	5.3	Q	0.4	0.3	0.1	27.7
Rented .....	1.1	Q	Q	Q	Q	36.5
<b>Year of Construction</b>						
1939 or Before .....	18.7	2.5	1.1	0.6	0.3	11.4
1940 to 1949 .....	9.2	0.7	1.7	0.7	0.1	14.9
1950 to 1959 .....	12.5	1.1	1.7	0.7	0.7	11.3
1960 to 1969 .....	14.4	0.9	1.9	1.4	0.5	11.9
1970 to 1979 .....	19.6	0.7	2.2	1.5	1.6	10.8
1980 to 1989 .....	17.3	0.4	2.1	1.2	2.0	16.5
1990 to 1997 <sup>3</sup> .....	9.7	0.6	0.8	0.9	0.7	21.0
<b>Urban/Rural Location<sup>4</sup></b>						
City .....	48.2	3.1	8.0	3.8	3.3	6.1
Town .....	18.2	0.9	1.5	1.2	0.6	20.2
Suburbs .....	18.6	1.8	1.2	1.2	1.5	15.9
Rural or Open Country .....	16.5	1.0	0.7	0.8	0.6	14.9
<b>Total Number of Rooms (Excluding Bathrooms)</b>						
1 or 2 .....	3.1	0.3	0.9	0.3	Q	18.5
3 .....	9.2	1.1	1.7	0.9	0.3	12.3
4 .....	18.3	1.5	2.3	0.9	0.9	13.5
5 .....	21.3	0.9	2.2	1.6	1.4	8.7
6 .....	20.0	1.3	2.0	1.3	1.2	7.5
7 .....	14.2	0.7	1.3	0.9	1.1	13.1
8 .....	8.4	0.5	0.6	0.4	0.4	19.5
9 or More .....	7.0	0.5	0.5	0.6	0.4	17.3
<b>Bedrooms</b>						
None or 1 .....	13.2	1.5	2.4	1.2	0.5	12.0
2 .....	28.8	1.9	3.4	1.4	1.9	9.6
3 .....	41.0	2.2	3.6	3.0	2.8	6.2
4 or More .....	18.6	1.2	2.0	1.3	0.8	12.2

See footnotes at end of table.



**Table HC1-7a. Housing Unit Characteristics by Four Most Populated States, Million U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Four Most Populated States					RSE Row Factors
	Total	New York	California	Texas	Florida	
	0.4	1.1	1.1	1.2	1.6	
<b>Other Rooms (Excluding Bathrooms)</b>						
None or 1 .....	5.1	0.5	1.3	0.5	Q	17.5
2 .....	38.6	2.8	5.0	2.8	1.7	6.4
3 .....	31.0	2.0	3.3	2.0	2.3	6.6
4 .....	17.6	1.0	1.3	1.1	1.2	10.5
5 or More .....	9.2	0.6	0.6	0.6	0.6	13.7
<b>Full Bathrooms</b>						
None or 1 .....	59.4	5.0	6.2	3.7	2.0	5.0
2 .....	35.9	1.7	4.2	2.7	3.3	7.7
3 or More .....	6.2	0.2	1.1	Q	0.6	20.4
<b>Half Bathrooms</b>						
None .....	73.0	4.7	9.0	5.4	4.7	3.2
1 .....	26.5	2.0	2.4	1.5	1.2	9.0
2 or More .....	Q	Q	Q	Q	Q	NF
<b>Number of Stories</b>						
Single-Family Homes .....	73.7	3.8	7.8	5.2	4.6	4.5
1 Story .....	41.1	1.1	5.4	4.1	3.9	6.9
2 Stories .....	26.9	2.4	2.2	1.1	0.6	14.2
3 Stories .....	3.2	0.3	0.1	Q	Q	26.5
Split-Level .....	2.4	0.1	Q	Q	Q	24.5
Other .....	Q	Q	Q	Q	Q	NF
Mobile Homes .....	6.3	Q	0.5	0.3	Q	28.6
<b>Number of Floors in Apartment Buildings</b>						
1 or 2 Floors .....	10.9	Q	2.1	1.2	0.8	14.9
3 or 4 Floors .....	5.4	0.7	0.6	Q	Q	21.7
5 to 10 Floors .....	2.1	1.2	Q	Q	0.1	16.4
11 to 20 Floors .....	0.8	0.3	Q	Q	Q	14.2
More than 20 Floors .....	0.2	Q	(*)	Q	Q	21.9
Don't Know/No Answer .....	2.0	0.3	0.2	0.1	Q	25.3
<b>Foundation/Basement of Single-Family Homes (More than one may apply)</b>						
Basement .....	33.2	3.3	0.6	Q	Q	9.0
Crawlspace .....	22.5	0.3	3.5	1.8	0.6	15.8
Concrete Slab .....	23.0	0.5	4.0	3.4	3.9	8.5
Not Asked (Mobile Homes and Multi-Family Units) .....	27.7	3.0	3.7	1.8	1.4	10.6
<b>Garage/Carport</b>						
Yes .....	54.5	2.8	6.8	4.1	3.1	5.1
1-Car Garage .....	16.2	1.2	1.5	0.7	1.0	11.5
2-Car Garage .....	29.7	1.4	4.5	2.5	1.7	6.7
3-Car Garage .....	2.8	0.2	0.5	0.1	Q	23.2
Covered Carport .....	6.4	0.1	0.3	0.8	0.4	17.6
No .....	25.6	1.2	1.5	1.4	1.7	11.2
Not Asked (Apartments) .....	21.4	2.8	3.2	1.5	1.2	10.4

See footnotes at end of table.

**Table HC1-7a. Housing Unit Characteristics by Four Most Populated States, Million 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	
<b>Fuels Used For Any Use (more than one often used)</b>						
Electricity .....	101.4	6.8	11.5	7.0	5.9	NF
Natural Gas .....	61.9	5.1	9.7	4.7	1.2	5.9
Wood .....	15.0	0.8	2.1	0.9	0.7	15.8
Fuel Oil .....	10.0	2.9	Q	Q	Q	17.6
LPG .....	8.1	0.6	0.4	0.3	0.4	21.4
Kerosene .....	3.5	Q	0.1	Q	Q	26.0
Solar .....	0.7	Q	0.1	Q	Q	46.3
<b>Main Heating Fuel</b>						
Natural Gas .....	53.5	3.4	7.8	3.8	0.7	8.6
Electricity .....	29.6	0.4	2.9	2.9	4.7	10.7
Fuel Oil .....	9.5	2.7	Q	Q	Q	16.5
LPG .....	4.6	Q	0.2	0.3	0.1	22.7
Wood .....	2.2	0.2	0.3	Q	Q	24.2
Kerosene .....	1.0	0.1	0.1	Q	Q	34.2
Solar .....	Q	Q	Q	Q	Q	NF
Other/None .....	1.2	(*)	Q	Q	Q	22.4

<sup>1</sup> 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.

<sup>2</sup> Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

<sup>3</sup> 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.

<sup>4</sup> Based on the household respondent's description rather than the Federal Government definition.

(\*) = Value rounds to zero in the units displayed.

-- = Data not applicable.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC1-8a. Housing Unit Characteristics by Urban/Rural Location,  
Million U.S. Households, 1997**

Housing Unit Characteristics	Total	Urban/Rural Location <sup>1</sup>				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	<b>0.5</b>	<b>0.8</b>	<b>1.4</b>	<b>1.3</b>	<b>1.3</b>	
<b>Total</b> .....	101.5	48.2	18.2	18.6	16.5	4.1
<b>Census Region and Division</b>						
Northeast .....	19.7	6.9	5.2	4.3	3.4	8.9
New England .....	5.3	2.0	2.1	0.4	0.8	13.6
Middle Atlantic .....	14.4	4.9	3.1	3.9	2.6	10.7
Midwest .....	24.1	11.4	4.5	4.5	3.6	7.4
East North Central .....	16.9	8.9	2.5	3.1	2.4	8.5
West North Central .....	7.2	2.5	2.0	1.4	1.2	14.3
South .....	35.9	16.4	5.3	6.9	7.2	7.1
South Atlantic .....	18.7	8.3	2.3	4.4	3.7	10.4
East South Central .....	6.3	2.1	1.1	0.9	2.3	14.2
West South Central .....	10.8	6.0	1.9	1.6	1.3	13.2
West .....	21.8	13.5	3.2	2.9	2.2	9.6
Mountain .....	6.2	3.9	1.0	0.6	0.7	13.2
Pacific .....	15.6	9.6	2.3	2.3	1.5	11.8
<b>Metropolitan Statistical Area</b>						
Urban .....	78.6	42.4	10.1	17.6	8.6	4.8
Central City .....	36.8	27.8	2.4	4.6	1.9	9.3
Suburban .....	41.9	14.6	7.6	13.0	6.7	7.3
Rural .....	22.8	5.8	8.1	1.0	7.9	9.0
<b>Climate Zone<sup>2</sup></b>						
Fewer than 2,000 CDD and--						
More than 7,000 HDD .....	9.3	3.7	2.4	0.9	2.2	20.5
5,500 to 7,000 HDD .....	28.0	12.3	5.6	5.9	4.3	12.3
4,000 to 5,499 HDD .....	22.5	8.5	4.3	5.7	4.0	12.7
Fewer than 4,000 HDD .....	19.5	11.4	3.2	2.1	2.8	16.0
2,000 CDD or More and --						
Fewer than 4,000 HDD .....	22.2	12.3	2.7	3.9	3.2	11.4
<b>Estimated Heated Floorspace Category (square feet)<sup>3</sup></b>						
Fewer than 600 .....	7.9	5.0	1.4	0.6	0.8	11.5
600 to 999 .....	21.5	12.4	4.1	2.4	2.6	7.5
1,000 to 1,599 .....	30.4	14.5	5.2	5.7	4.9	6.3
1,600 to 1,999 .....	15.3	6.0	2.9	3.4	3.0	7.8
2,000 to 2,399 .....	7.9	2.9	1.2	2.3	1.5	9.4
2,400 to 2,999 .....	5.3	1.5	0.9	1.7	1.1	13.4
3,000 or More .....	4.1	1.3	0.7	1.3	0.9	15.9
No Estimate Provided .....	9.1	4.6	1.6	1.2	1.7	12.1
<b>Ownership of Unit</b>						
Owned .....	68.5	27.4	12.5	14.6	13.9	4.4
Rented .....	33.0	20.8	5.8	3.9	2.5	6.7

See footnotes at end of table.

**Table HC1-8a. Housing Unit Characteristics by Urban/Rural Location, Million U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Total	Urban/Rural Location <sup>1</sup>				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.5	0.8	1.4	1.3	1.3	
<b>Type and Ownership of Housing Unit</b>						
Single-Family Detached .....	63.8	25.8	12.1	13.3	12.6	4.6
Owned .....	55.6	21.6	10.4	12.2	11.4	5.0
Rented .....	8.1	4.1	1.7	1.1	1.2	10.1
Single-Family Attached .....	9.9	5.6	1.7	2.1	0.5	13.1
Owned .....	5.5	2.9	0.9	1.4	0.2	17.7
Rented .....	4.5	2.7	0.8	0.7	0.3	16.4
Multifamily (2 to 4 units) .....	5.6	3.9	1.2	0.4	0.1	16.5
Owned .....	0.9	0.6	0.2	0.1	Q	32.0
Rented .....	4.7	3.2	1.0	0.3	0.1	17.3
Multifamily (5 or more units) .....	15.8	11.2	2.2	2.0	0.4	12.7
Owned .....	1.2	0.8	0.1	0.2	Q	32.7
Rented .....	14.6	10.4	2.1	1.8	0.4	13.2
Mobile Home .....	6.3	1.8	1.0	0.7	2.8	14.6
Owned .....	5.3	1.5	0.8	0.7	2.2	15.4
Rented .....	1.1	0.3	0.2	Q	0.5	26.0
<b>Year of Construction</b>						
1939 or Before .....	18.7	10.5	4.0	1.2	3.0	9.4
1940 to 1949 .....	9.2	5.3	1.8	1.1	1.0	10.3
1950 to 1959 .....	12.5	6.7	1.9	2.8	1.2	8.1
1960 to 1969 .....	14.4	6.7	2.6	2.9	2.2	8.2
1970 to 1979 .....	19.6	8.9	3.2	3.7	3.7	7.1
1980 to 1989 .....	17.3	6.9	3.1	4.4	3.0	9.1
1990 to 1997 <sup>4</sup> .....	9.7	3.2	1.6	2.5	2.4	12.8
<b>Urban/Rural Location<sup>1</sup></b>						
City .....	48.2	48.2	--	--	--	4.2
Town .....	18.2	--	18.2	--	--	7.5
Suburbs .....	18.6	--	--	18.6	--	6.3
Rural or Open Country .....	16.5	--	--	--	16.5	6.6
<b>Total Number of Rooms (Excluding Bathrooms)</b>						
1 or 2 .....	3.1	2.3	0.4	Q	0.2	20.2
3 .....	9.2	6.4	1.4	0.8	0.6	11.7
4 .....	18.3	9.9	3.6	2.6	2.3	8.7
5 .....	21.3	10.2	3.9	3.1	4.0	6.6
6 .....	20.0	8.7	3.8	3.6	3.8	6.7
7 .....	14.2	5.4	2.4	3.5	3.0	8.1
8 .....	8.4	3.2	1.4	2.7	1.1	10.0
9 or More .....	7.0	2.3	1.3	2.0	1.4	10.9
<b>Bedrooms</b>						
None or 1 .....	13.2	9.0	2.1	1.1	0.9	10.3
2 .....	28.8	15.3	5.6	4.1	3.8	6.5
3 .....	41.0	17.3	7.0	8.3	8.3	5.4
4 or More .....	18.6	6.6	3.5	5.1	3.4	7.2

See footnotes at end of table.

**Table HC1-8a. Housing Unit Characteristics by Urban/Rural Location, Million U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Urban/Rural Location <sup>1</sup>					RSE Row Factors
	Total	City	Town	Suburbs	Rural	
	0.5	0.8	1.4	1.3	1.3	
<b>Other Rooms (Excluding Bathrooms)</b>						
None or 1 .....	5.1	3.3	0.7	0.4	0.7	14.9
2 .....	38.6	20.7	7.1	5.2	5.7	5.5
3 .....	31.0	14.4	5.7	5.7	5.2	5.9
4 .....	17.6	6.5	3.1	4.9	3.0	7.6
5 or More .....	9.2	3.4	1.6	2.4	1.9	9.4
<b>Full Bathrooms</b>						
None or 1 .....	59.4	31.5	11.4	7.8	8.6	4.6
2 .....	35.9	14.6	5.9	8.5	6.9	5.6
3 or More .....	6.2	2.1	0.9	2.2	1.0	14.0
<b>Half Bathrooms</b>						
None .....	73.0	37.1	13.3	10.8	11.9	4.4
1 .....	26.5	10.4	4.7	7.1	4.3	5.9
2 or More .....	Q	Q	Q	Q	Q	NF
<b>Number of Stories</b>						
Single-Family Homes .....	73.7	31.4	13.8	15.4	13.2	4.3
1 Story .....	41.1	18.6	7.4	7.3	7.7	6.0
2 Stories .....	26.9	10.6	5.4	6.1	4.9	7.1
3 Stories .....	3.2	1.4	0.6	1.0	0.2	15.9
Split-Level .....	2.4	0.7	0.4	1.0	0.3	20.6
Other .....	Q	Q	Q	Q	Q	NF
Mobile Homes .....	6.3	1.8	1.0	0.7	2.8	14.6
<b>Number of Floors in Apartment Buildings</b>						
1 or 2 Floors .....	10.9	7.5	2.0	1.1	0.3	13.3
3 or 4 Floors .....	5.4	4.0	0.7	0.7	Q	21.5
5 to 10 Floors .....	2.1	1.5	0.1	Q	Q	21.4
11 to 20 Floors .....	0.8	0.8	Q	Q	Q	33.5
More than 20 Floors .....	0.2	0.2	Q	Q	Q	43.4
Don't Know/No Answer .....	2.0	1.1	0.5	0.3	0.1	27.6
<b>Foundation/Basement of Single-Family Homes (More than one may apply)</b>						
Basement .....	33.2	12.2	6.9	7.5	6.5	6.9
Crawlspace .....	22.5	9.4	4.6	3.4	5.2	8.2
Concrete Slab .....	23.0	11.1	3.4	5.7	2.8	8.0
Not Asked (Mobile Homes and Multi-Family Units) .....	27.7	16.9	4.4	3.2	3.3	7.8
<b>Garage/Carport</b>						
Yes .....	54.5	22.5	10.0	12.7	9.2	5.1
1-Car Garage .....	16.2	7.2	3.6	3.4	2.1	8.7
2-Car Garage .....	29.7	11.9	4.9	7.7	5.1	6.9
3-Car Garage .....	2.8	0.9	0.5	0.6	0.8	16.6
Covered Carport .....	6.4	2.8	1.2	1.1	1.3	12.1
No .....	25.6	10.7	4.8	3.4	6.7	7.2
Not Asked (Apartments) .....	21.4	15.1	3.4	2.5	0.5	10.7

See footnotes at end of table.

**Table HC1-8a. Housing Unit Characteristics by Urban/Rural Location, Million U.S. Households, 1997 (Continued)**

Housing Unit Characteristics	Total	Urban/Rural Location <sup>1</sup>				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	<b>0.5</b>	<b>0.8</b>	<b>1.4</b>	<b>1.3</b>	<b>1.3</b>	
<b>Fuels Used For Any Use (more than one often used)</b>						
Electricity .....	101.4	48.2	18.2	18.6	16.4	4.1
Natural Gas .....	61.9	35.4	10.5	12.2	3.8	5.7
Wood .....	15.0	3.5	2.8	3.7	5.0	8.9
Fuel Oil .....	10.0	3.2	2.4	1.6	2.8	11.7
LPG .....	8.1	0.9	1.4	0.6	5.1	14.8
Kerosene .....	3.5	1.0	0.6	0.5	1.4	16.2
Solar .....	0.7	0.2	Q	0.1	0.3	34.5
<b>Main Heating Fuel</b>						
Natural Gas .....	53.5	29.7	9.5	11.0	3.3	6.2
Electricity .....	29.6	13.9	5.0	5.5	5.2	7.2
Fuel Oil .....	9.5	3.1	2.3	1.5	2.6	11.6
LPG .....	4.6	0.4	0.9	0.2	3.1	19.1
Wood .....	2.2	0.3	0.3	0.1	1.5	21.2
Kerosene .....	1.0	0.2	0.2	Q	0.6	26.8
Solar .....	Q	Q	Q	Q	Q	NF
Other/None .....	1.2	0.7	Q	0.2	0.2	23.8

<sup>1</sup> Based on the household respondent's description rather than the Federal Government definition.

<sup>2</sup> 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.

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

<sup>4</sup> 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.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC1-9a. Housing Unit Characteristics by Northeast Census Region,  
Million 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	
<b>Total</b> .....	101.5	19.7	14.4	5.3	NF
<b>Census Region and Division</b>					
Northeast .....	19.7	19.7	14.4	5.3	NF
New England .....	5.3	5.3	Q	5.3	NF
Middle Atlantic .....	14.4	14.4	14.4	Q	NF
Midwest .....	24.1	--	--	--	NF
East North Central .....	16.9	--	--	--	NF
West North Central .....	7.2	--	--	--	NF
South .....	35.9	--	--	--	NF
South Atlantic .....	18.7	--	--	--	NF
East South Central .....	6.3	--	--	--	NF
West South Central .....	10.8	--	--	--	NF
West .....	21.8	--	--	--	NF
Mountain .....	6.2	--	--	--	NF
Pacific .....	15.6	--	--	--	NF
<b>Metropolitan Statistical Area</b>					
Urban .....	78.6	16.3	13.7	2.5	2.9
Central City .....	36.8	6.0	4.8	1.2	9.4
Suburban .....	41.9	10.3	8.9	1.4	5.0
Rural .....	22.8	3.5	0.7	2.8	7.9
<b>Climate Zone<sup>1</sup></b>					
Fewer than 2,000 CDD and--					
More than 7,000 HDD .....	9.3	2.0	0.5	1.5	21.1
5,500 to 7,000 HDD .....	28.0	9.6	5.7	3.9	7.5
4,000 to 5,499 HDD .....	22.5	8.1	8.1	Q	4.8
Fewer than 4,000 HDD .....	19.5	--	--	--	17.9
2,000 CDD or More and --					
Fewer than 4,000 HDD .....	22.2	--	--	--	13.1
<b>Estimated Heated Floorspace Category (square feet)<sup>2</sup></b>					
Fewer than 600 .....	7.9	1.9	1.5	0.4	10.7
600 to 999 .....	21.5	4.4	3.1	1.3	4.9
1,000 to 1,599 .....	30.4	5.1	3.7	1.4	7.0
1,600 to 1,999 .....	15.3	2.4	1.7	0.7	9.7
2,000 to 2,399 .....	7.9	1.4	1.0	0.3	12.5
2,400 to 2,999 .....	5.3	1.0	0.7	0.3	17.5
3,000 or More .....	4.1	0.7	0.4	0.2	19.3
No Estimate Provided .....	9.1	2.9	2.3	0.7	11.7

See footnotes at end of table.

**Table HC1-9a. Housing Unit Characteristics by Northeast Census Region,  
Million 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	
<b>Ownership of Unit</b>					
Owned .....	68.5	12.8	9.1	3.6	3.3
Rented .....	33.0	7.0	5.3	1.7	6.4
<b>Type and Ownership of Housing Unit</b>					
Single-Family Detached .....	63.8	10.7	7.3	3.3	4.0
Owned .....	55.6	9.9	6.8	3.1	4.8
Rented .....	8.1	0.8	0.6	0.2	13.6
Single-Family Attached .....	9.9	3.1	2.7	0.4	12.7
Owned .....	5.5	1.9	1.7	0.2	16.7
Rented .....	4.5	1.2	1.0	0.2	15.2
Multifamily (2 to 4 units) .....	5.6	1.7	1.0	0.7	13.4
Owned .....	0.9	0.3	0.2	0.1	29.5
Rented .....	4.7	1.4	0.8	0.6	11.8
Multifamily (5 or more units) .....	15.8	3.8	3.1	0.7	9.3
Owned .....	1.2	0.3	0.2	Q	23.3
Rented .....	14.6	3.5	2.9	0.6	8.8
Mobile Home .....	6.3	0.5	0.4	0.1	22.7
Owned .....	5.3	0.4	0.3	Q	23.2
Rented .....	1.1	Q	Q	Q	29.6
<b>Year of Construction</b>					
1939 or Before .....	18.7	6.4	4.7	1.7	9.2
1940 to 1949 .....	9.2	1.9	1.4	0.5	13.3
1950 to 1959 .....	12.5	2.7	2.0	0.7	10.0
1960 to 1969 .....	14.4	2.6	1.7	0.9	10.1
1970 to 1979 .....	19.6	2.6	1.9	0.7	6.6
1980 to 1989 .....	17.3	2.3	1.8	0.6	13.2
1990 to 1997 <sup>3</sup> .....	9.7	1.2	0.9	0.2	13.4
<b>Urban/Rural Location<sup>4</sup></b>					
City .....	48.2	6.9	4.9	2.0	6.7
Town .....	18.2	5.2	3.1	2.1	11.9
Suburbs .....	18.6	4.3	3.9	0.4	11.4
Rural or Open Country .....	16.5	3.4	2.6	0.8	11.0
<b>Total Number of Rooms (Excluding Bathrooms)</b>					
1 or 2 .....	3.1	0.6	0.4	0.2	14.9
3 .....	9.2	2.2	1.8	0.4	9.0
4 .....	18.3	3.6	2.6	1.0	9.3
5 .....	21.3	3.4	2.4	1.0	6.7
6 .....	20.0	3.9	2.9	1.0	7.0
7 .....	14.2	2.8	2.1	0.7	8.0
8 .....	8.4	1.7	1.3	0.5	12.7
9 or More .....	7.0	1.5	1.0	0.5	11.0

See footnotes at end of table.



**Table HC1-9a. Housing Unit Characteristics by Northeast Census Region, Million 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	
<b>Bedrooms</b>					
None or 1 .....	13.2	3.3	2.6	0.7	9.4
2 .....	28.8	5.6	3.9	1.7	5.7
3 .....	41.0	7.1	5.2	1.9	4.4
4 or More .....	18.6	3.8	2.7	1.0	7.8
<b>Other Rooms (Excluding Bathrooms)</b>					
None or 1 .....	5.1	1.0	0.7	0.3	15.2
2 .....	38.6	7.0	5.2	1.8	4.6
3 .....	31.0	6.3	4.6	1.7	6.0
4 .....	17.6	3.7	2.7	1.0	7.1
5 or More .....	9.2	1.8	1.3	0.6	9.1
<b>Full Bathrooms</b>					
None or 1 .....	59.4	14.2	10.3	3.9	3.3
2 .....	35.9	5.0	3.7	1.3	7.6
3 or More .....	6.2	0.5	0.4	0.1	23.1
<b>Half Bathrooms</b>					
None .....	73.0	13.1	9.2	3.9	2.3
1 .....	26.5	6.1	4.8	1.3	3.9
2 or More .....	Q	Q	Q	Q	NF
<b>Number of Stories</b>					
Single-Family Homes .....	73.7	13.8	10.0	3.8	3.2
1 Story .....	41.1	3.8	2.8	1.0	8.1
2 Stories .....	26.9	8.4	6.1	2.4	4.7
3 Stories .....	3.2	1.1	0.9	0.2	17.8
Split-Level .....	2.4	0.3	0.2	0.1	24.9
Other .....	Q	Q	Q	Q	NF
Mobile Homes .....	6.3	0.5	0.4	0.1	22.7
<b>Number of Floors in Apartment Buildings</b>					
1 or 2 Floors .....	10.9	1.6	1.0	0.6	16.2
3 or 4 Floors .....	5.4	1.5	1.0	0.5	23.5
5 to 10 Floors .....	2.1	1.4	1.3	Q	10.6
11 to 20 Floors .....	0.8	0.5	0.4	Q	24.0
More than 20 Floors .....	0.2	Q	Q	Q	54.9
Don't Know/No Answer .....	2.0	0.5	0.4	Q	20.0
<b>Foundation/Baseament of Single-Family Homes (More than one may apply)</b>					
Basement .....	33.2	11.3	8.0	3.2	5.6
Crawlspace .....	22.5	1.4	1.0	0.4	12.4
Concrete Slab .....	23.0	1.9	1.5	0.4	14.4
Not Asked (Mobile Homes and Multi-Family Units) .....	27.7	6.0	4.4	1.5	7.6
<b>Garage/Carport</b>					
Yes .....	54.5	9.4	7.1	2.3	4.3
1-Car Garage .....	16.2	4.5	3.4	1.1	8.1
2-Car Garage .....	29.7	4.2	3.1	1.1	6.1
3-Car Garage .....	2.8	0.4	0.3	Q	18.5
Covered Carport .....	6.4	0.3	0.2	Q	16.5
No .....	25.6	4.9	3.3	1.6	7.6
Not Asked (Apartments) .....	21.4	5.5	4.1	1.4	8.5

See footnotes at end of table.

**Table HC1-9a. Housing Unit Characteristics by Northeast Census Region, Million 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	
<b>Fuels Used For Any Use (more than one often used)</b>					
Electricity .....	101.4	19.7	14.4	5.3	NF
Natural Gas .....	61.9	11.8	9.9	1.9	7.4
Wood .....	15.0	2.5	1.6	0.9	11.3
Fuel Oil .....	10.0	7.5	4.6	2.9	10.1
LPG .....	8.1	1.6	1.0	0.6	18.1
Kerosene .....	3.5	1.0	0.6	0.4	20.4
Solar .....	0.7	Q	Q	Q	48.4
<b>Main Heating Fuel</b>					
Natural Gas .....	53.5	9.2	7.7	1.5	9.5
Electricity .....	29.6	2.3	1.7	0.6	12.3
Fuel Oil .....	9.5	7.1	4.4	2.7	10.1
LPG .....	4.6	0.2	Q	Q	29.1
Wood .....	2.2	0.4	0.2	0.1	22.8
Kerosene .....	1.0	0.4	0.2	Q	32.4
Solar .....	Q	Q	Q	Q	NF
Other/None .....	1.2	0.1	Q	Q	34.9

<sup>1</sup> 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.

<sup>2</sup> Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

<sup>3</sup> 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.

<sup>4</sup> Based on the household respondent's description rather than the Federal Government definition.

-- = Data not applicable.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC1-10a. Housing Unit Characteristics by Midwest Census Region,  
Million 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	
<b>Total</b> .....	101.5	24.1	16.9	7.2	NF
<b>Census Region and Division</b>					
Northeast .....	19.7	--	--	--	NF
New England .....	5.3	--	--	--	NF
Middle Atlantic .....	14.4	--	--	--	NF
Midwest .....	24.1	24.1	16.9	7.2	NF
East North Central .....	16.9	16.9	16.9	Q	NF
West North Central .....	7.2	7.2	Q	7.2	NF
South .....	35.9	--	--	--	NF
South Atlantic .....	18.7	--	--	--	NF
East South Central .....	6.3	--	--	--	NF
West South Central .....	10.8	--	--	--	NF
West .....	21.8	--	--	--	NF
Mountain .....	6.2	--	--	--	NF
Pacific .....	15.6	--	--	--	NF
<b>Metropolitan Statistical Area</b>					
Urban .....	78.6	17.8	13.2	4.5	2.5
Central City .....	36.8	8.7	6.6	2.1	8.2
Suburban .....	41.9	9.1	6.6	2.4	7.8
Rural .....	22.8	6.3	3.7	2.6	6.5
<b>Climate Zone<sup>1</sup></b>					
Fewer than 2,000 CDD and--					
More than 7,000 HDD .....	9.3	5.4	2.7	2.7	28.9
5,500 to 7,000 HDD .....	28.0	14.7	12.4	Q	14.1
4,000 to 5,499 HDD .....	22.5	3.9	Q	2.1	22.1
Fewer than 4,000 HDD .....	19.5	--	--	--	19.3
2,000 CDD or More and --					
Fewer than 4,000 HDD .....	22.2	--	--	--	14.1
<b>Estimated Heated Floorspace Category (square feet)<sup>2</sup></b>					
Fewer than 600 .....	7.9	1.7	1.3	0.4	12.7
600 to 999 .....	21.5	5.1	3.6	1.5	8.7
1,000 to 1,599 .....	30.4	6.9	4.8	2.1	6.5
1,600 to 1,999 .....	15.3	4.2	2.9	1.3	6.5
2,000 to 2,399 .....	7.9	1.8	1.2	0.6	9.4
2,400 to 2,999 .....	5.3	1.4	1.0	0.4	14.6
3,000 or More .....	4.1	1.0	0.7	0.3	18.3
No Estimate Provided .....	9.1	1.9	1.4	0.5	16.4

See footnotes at end of table.

**Table HC1-10a. Housing Unit Characteristics by Midwest Census Region,  
Million 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	
<b>Ownership of Unit</b>					
Owned .....	68.5	17.3	11.8	5.5	3.3
Rented .....	33.0	6.8	5.1	1.7	8.2
<b>Type and Ownership of Housing Unit</b>					
Single-Family Detached .....	63.8	16.6	11.2	5.4	3.0
Owned .....	55.6	14.9	10.0	4.8	3.8
Rented .....	8.1	1.8	1.2	0.6	10.4
Single-Family Attached .....	9.9	1.8	1.3	0.5	14.3
Owned .....	5.5	0.9	0.7	0.2	19.3
Rented .....	4.5	0.9	0.6	0.3	18.1
Multifamily (2 to 4 units) .....	5.6	1.7	1.5	0.3	12.8
Owned .....	0.9	0.4	0.3	Q	36.5
Rented .....	4.7	1.3	1.1	0.2	17.1
Multifamily (5 or more units) .....	15.8	2.8	2.2	0.6	15.3
Owned .....	1.2	Q	Q	Q	40.6
Rented .....	14.6	2.7	2.1	0.6	16.0
Mobile Home .....	6.3	1.1	0.7	0.4	23.2
Owned .....	5.3	1.0	0.7	0.3	23.6
Rented .....	1.1	0.1	Q	Q	38.9
<b>Year of Construction</b>					
1939 or Before .....	18.7	7.2	4.9	2.3	9.9
1940 to 1949 .....	9.2	2.1	1.6	0.5	11.6
1950 to 1959 .....	12.5	2.7	2.0	0.7	9.3
1960 to 1969 .....	14.4	3.2	2.3	0.8	11.1
1970 to 1979 .....	19.6	4.0	3.0	1.0	10.4
1980 to 1989 .....	17.3	2.9	1.9	1.0	14.0
1990 to 1997 <sup>3</sup> .....	9.7	2.0	1.2	0.8	12.0
<b>Urban/Rural Location<sup>4</sup></b>					
City .....	48.2	11.4	8.9	2.5	5.3
Town .....	18.2	4.5	2.5	2.0	11.4
Suburbs .....	18.6	4.5	3.1	1.4	8.5
Rural or Open Country .....	16.5	3.6	2.4	1.2	13.5
<b>Total Number of Rooms (Excluding Bathrooms)</b>					
1 or 2 .....	3.1	0.6	0.4	Q	26.6
3 .....	9.2	1.5	1.3	0.2	15.5
4 .....	18.3	4.3	2.9	1.4	8.9
5 .....	21.3	4.8	3.3	1.6	4.7
6 .....	20.0	4.8	3.4	1.4	5.8
7 .....	14.2	3.6	2.5	1.1	7.4
8 .....	8.4	2.6	1.9	0.7	11.6
9 or More .....	7.0	1.9	1.3	0.6	9.3

See footnotes at end of table.

**Table HC1-10a. Housing Unit Characteristics by Midwest Census Region, Million 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	
<b>Bedrooms</b>					
None or 1 .....	13.2	2.7	2.2	0.5	9.7
2 .....	28.8	6.7	4.6	2.1	5.5
3 .....	41.0	9.8	6.7	3.0	3.7
4 or More .....	18.6	4.9	3.4	1.5	6.9
<b>Other Rooms (Excluding Bathrooms)</b>					
None or 1 .....	5.1	0.7	0.6	Q	19.1
2 .....	38.6	8.4	6.0	2.4	4.7
3 .....	31.0	7.3	4.9	2.5	4.9
4 .....	17.6	4.8	3.5	1.3	7.2
5 or More .....	9.2	2.8	1.9	0.9	10.1
<b>Full Bathrooms</b>					
None or 1 .....	59.4	15.5	11.1	4.5	3.2
2 .....	35.9	7.3	5.1	2.2	5.4
3 or More .....	6.2	1.3	0.8	0.5	18.8
<b>Half Bathrooms</b>					
None .....	73.0	16.5	11.7	4.9	1.8
1 .....	26.5	7.0	4.9	2.1	4.9
2 or More .....	Q	Q	Q	Q	NF
<b>Number of Stories</b>					
Single-Family Homes .....	73.7	18.4	12.5	5.9	2.1
1 Story .....	41.1	8.1	5.4	2.7	5.7
2 Stories .....	26.9	8.3	5.9	2.5	7.3
3 Stories .....	3.2	0.9	0.7	0.2	12.3
Split-Level .....	2.4	1.1	0.6	0.6	20.0
Other .....	Q	Q	Q	Q	NF
Mobile Homes .....	6.3	1.1	0.7	0.4	23.2
<b>Number of Floors in Apartment Buildings</b>					
1 or 2 Floors .....	10.9	2.2	1.7	0.5	17.1
3 or 4 Floors .....	5.4	1.3	1.0	0.3	26.0
5 to 10 Floors .....	2.1	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	0.6	Q	Q	40.9
<b>Foundation/Baseament of Single-Family Homes (More than one may apply)</b>					
Basement .....	33.2	14.1	9.4	4.7	6.1
Crawlspace .....	22.5	3.9	3.1	0.8	12.5
Concrete Slab .....	23.0	2.3	1.6	0.7	11.4
Not Asked (Mobile Homes and Multi-Family Units) .....	27.7	5.6	4.4	1.2	6.8
<b>Garage/Carport</b>					
Yes .....	54.5	14.9	10.1	4.8	3.3
1-Car Garage .....	16.2	4.2	2.4	1.8	11.2
2-Car Garage .....	29.7	9.2	6.5	2.6	6.7
3-Car Garage .....	2.8	1.1	0.9	0.3	15.7
Covered Carport .....	6.4	0.6	0.4	Q	16.5
No .....	25.6	4.6	3.1	1.5	10.0
Not Asked (Apartments) .....	21.4	4.5	3.6	0.9	10.0

See footnotes at end of table.

**Table HC1-10a. Housing Unit Characteristics by Midwest Census Region, Million 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	
<b>Fuels Used For Any Use (more than one often used)</b>					
Electricity .....	101.4	24.1	16.9	7.2	NF
Natural Gas .....	61.9	18.5	13.7	4.9	5.0
Wood .....	15.0	2.6	1.7	0.9	12.2
Fuel Oil .....	10.0	1.1	0.6	0.4	17.5
LPG .....	8.1	2.3	1.2	1.2	20.8
Kerosene .....	3.5	0.4	0.4	Q	17.5
Solar .....	0.7	Q	Q	Q	51.9
<b>Main Heating Fuel</b>					
Natural Gas .....	53.5	17.9	13.2	4.7	5.4
Electricity .....	29.6	2.7	1.9	0.8	15.6
Fuel Oil .....	9.5	1.0	0.6	0.4	17.1
LPG .....	4.6	1.8	0.9	0.9	21.8
Wood .....	2.2	0.4	Q	Q	32.2
Kerosene .....	1.0	Q	Q	Q	34.8
Solar .....	Q	Q	Q	Q	NF
Other/None .....	1.2	Q	Q	Q	34.0

<sup>1</sup> 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.

<sup>2</sup> Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

<sup>3</sup> 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.

<sup>4</sup> Based on the household respondent's description rather than the Federal Government definition.

-- = Data not applicable.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC1-11a. Housing Unit Characteristics by South Census Region,  
Million 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	
<b>Total</b> .....	101.5	35.9	18.7	6.3	10.8	NF
<b>Census Region and Division</b>						
Northeast .....	19.7	--	--	--	--	NF
New England .....	5.3	--	--	--	--	NF
Middle Atlantic .....	14.4	--	--	--	--	NF
Midwest .....	24.1	--	--	--	--	NF
East North Central .....	16.9	--	--	--	--	NF
West North Central .....	7.2	--	--	--	--	NF
South .....	35.9	35.9	18.7	6.3	10.8	NF
South Atlantic .....	18.7	18.7	18.7	Q	Q	NF
East South Central .....	6.3	6.3	Q	6.3	Q	NF
West South Central .....	10.8	10.8	Q	Q	10.8	NF
West .....	21.8	--	--	--	--	NF
Mountain .....	6.2	--	--	--	--	NF
Pacific .....	15.6	--	--	--	--	NF
<b>Metropolitan Statistical Area</b>						
Urban .....	78.6	25.3	14.1	3.2	8.0	1.6
Central City .....	36.8	12.2	6.1	1.5	4.6	10.2
Suburban .....	41.9	13.1	8.1	1.7	3.4	8.8
Rural .....	22.8	10.5	4.6	3.2	2.8	4.0
<b>Climate Zone<sup>1</sup></b>						
Fewer than 2,000 CDD and--						
More than 7,000 HDD .....	9.3	--	--	--	--	35.3
5,500 to 7,000 HDD .....	28.0	--	--	--	--	NC
4,000 to 5,499 HDD .....	22.5	8.0	5.7	2.3	Q	11.5
Fewer than 4,000 HDD .....	19.5	9.2	5.2	Q	Q	11.1
2,000 CDD or More and --						
Fewer than 4,000 HDD .....	22.2	18.7	7.8	Q	9.4	7.2
<b>Estimated Heated Floorspace Category (square feet)<sup>2</sup></b>						
Fewer than 600 .....	7.9	2.1	1.0	0.4	0.6	13.4
600 to 999 .....	21.5	6.8	3.3	1.4	2.1	6.6
1,000 to 1,599 .....	30.4	11.8	6.5	1.9	3.4	6.7
1,600 to 1,999 .....	15.3	5.7	2.9	1.0	1.8	8.8
2,000 to 2,399 .....	7.9	3.0	1.4	0.5	1.1	10.6
2,400 to 2,999 .....	5.3	1.8	0.9	0.3	0.6	14.5
3,000 or More .....	4.1	1.8	0.8	0.3	0.7	21.2
No Estimate Provided .....	9.1	2.9	1.8	0.5	0.7	17.0

See footnotes at end of table.

**Table HC1-11a. Housing Unit Characteristics by South Census Region,  
Million 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	
<b>Ownership of Unit</b>						
Owned .....	68.5	25.4	13.0	5.0	7.4	2.7
Rented .....	33.0	10.5	5.7	1.4	3.4	6.7
<b>Type and Ownership of Housing Unit</b>						
Single-Family Detached .....	63.8	23.9	11.6	4.4	7.9	2.8
Owned .....	55.6	20.7	10.1	3.9	6.6	3.2
Rented .....	8.1	3.2	1.5	0.5	1.2	11.7
Single-Family Attached .....	9.9	2.7	2.0	0.4	0.4	18.8
Owned .....	5.5	1.7	1.5	Q	Q	21.7
Rented .....	4.5	1.0	0.5	0.2	0.3	19.0
Multifamily (2 to 4 units) .....	5.6	1.4	0.7	0.3	0.4	21.3
Owned .....	0.9	Q	Q	Q	Q	39.4
Rented .....	4.7	1.3	0.6	0.3	0.4	22.4
Multifamily (5 or more units) .....	15.8	4.8	2.9	0.4	1.5	12.7
Owned .....	1.2	0.4	Q	Q	Q	41.1
Rented .....	14.6	4.5	2.7	0.4	1.4	12.9
Mobile Home .....	6.3	3.0	1.5	0.8	0.7	15.4
Owned .....	5.3	2.5	1.1	0.7	0.7	16.7
Rented .....	1.1	0.5	0.4	Q	Q	26.2
<b>Year of Construction</b>						
1939 or Before .....	18.7	3.1	1.6	0.7	0.9	12.1
1940 to 1949 .....	9.2	2.8	1.3	0.5	1.0	9.5
1950 to 1959 .....	12.5	4.2	2.2	0.8	1.2	8.7
1960 to 1969 .....	14.4	5.1	2.2	0.9	2.0	8.1
1970 to 1979 .....	19.6	7.8	4.0	1.5	2.3	8.1
1980 to 1989 .....	17.3	8.2	5.1	1.1	2.0	11.1
1990 to 1997 <sup>3</sup> .....	9.7	4.6	2.4	0.9	1.3	15.3
<b>Urban/Rural Location<sup>4</sup></b>						
City .....	48.2	16.4	8.3	2.1	6.0	6.8
Town .....	18.2	5.3	2.3	1.1	1.9	15.5
Suburbs .....	18.6	6.9	4.4	0.9	1.6	12.0
Rural or Open Country .....	16.5	7.2	3.7	2.3	1.3	9.3
<b>Total Number of Rooms (Excluding Bathrooms)</b>						
1 or 2 .....	3.1	0.6	0.3	Q	0.3	24.8
3 .....	9.2	2.8	1.2	0.4	1.2	11.8
4 .....	18.3	5.8	3.2	1.2	1.4	8.3
5 .....	21.3	8.7	3.9	1.7	3.1	7.1
6 .....	20.0	7.4	4.1	1.4	1.9	6.6
7 .....	14.2	5.4	3.1	0.7	1.5	8.3
8 .....	8.4	2.7	1.5	0.5	0.7	13.7
9 or More .....	7.0	2.5	1.3	0.4	0.7	12.8

See footnotes at end of table.



**Table HC1-11a. Housing Unit Characteristics by South Census Region, Million 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	
<b>Bedrooms</b>						
None or 1 .....	13.2	3.5	1.5	0.4	1.5	10.8
2 .....	28.8	9.8	5.3	2.1	2.5	5.3
3 .....	41.0	16.5	8.9	2.8	4.8	5.2
4 or More .....	18.6	6.0	3.0	1.1	2.0	8.6
<b>Other Rooms (Excluding Bathrooms)</b>						
None or 1 .....	5.1	1.3	0.6	0.2	0.5	18.0
2 .....	38.6	13.7	6.4	2.7	4.6	4.0
3 .....	31.0	11.2	6.1	1.8	3.3	5.9
4 .....	17.6	6.5	3.8	1.0	1.7	7.3
5 or More .....	9.2	3.1	1.8	0.6	0.8	12.0
<b>Full Bathrooms</b>						
None or 1 .....	59.4	18.1	8.7	3.7	5.8	2.8
2 .....	35.9	15.2	8.5	2.4	4.3	4.7
3 or More .....	6.2	2.5	1.5	0.3	0.8	18.4
<b>Half Bathrooms</b>						
None .....	73.0	26.6	13.4	5.0	8.2	2.2
1 .....	26.5	8.8	5.0	1.3	2.5	7.0
2 or More .....	Q	Q	Q	Q	Q	NF
<b>Number of Stories</b>						
Single-Family Homes .....	73.7	26.7	13.6	4.8	8.2	2.8
1 Story .....	41.1	19.0	8.8	3.5	6.7	5.2
2 Stories .....	26.9	6.2	3.6	1.1	1.5	10.3
3 Stories .....	3.2	0.8	0.8	Q	Q	14.3
Split-Level .....	2.4	0.6	0.4	Q	Q	20.9
Other .....	Q	Q	Q	Q	Q	NF
Mobile Homes .....	6.3	3.0	1.5	0.8	0.7	15.4
<b>Number of Floors in Apartment Buildings</b>						
1 or 2 Floors .....	10.9	4.1	2.0	0.6	1.5	13.8
3 or 4 Floors .....	5.4	1.3	1.1	Q	Q	35.6
5 to 10 Floors .....	2.1	0.2	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	0.4	Q	Q	Q	30.2
<b>Foundation/Basement of Single-Family Homes (More than one may apply)</b>						
Basement .....	33.2	4.9	3.2	1.3	0.4	13.5
Crawlspace .....	22.5	10.8	5.1	2.4	3.3	6.3
Concrete Slab .....	23.0	12.3	6.0	1.3	4.9	6.7
Not Asked (Mobile Homes and Multi-Family Units) .....	27.7	9.2	5.1	1.6	2.6	8.1
<b>Garage/Carport</b>						
Yes .....	54.5	17.3	8.1	2.8	6.4	3.8
1-Car Garage .....	16.2	4.7	2.6	0.7	1.4	8.5
2-Car Garage .....	29.7	8.7	3.8	1.3	3.6	7.6
3-Car Garage .....	2.8	0.4	Q	Q	Q	21.6
Covered Carport .....	6.4	3.9	1.8	0.8	1.4	11.4
No .....	25.6	12.3	7.0	2.8	2.6	7.5
Not Asked (Apartments) .....	21.4	6.2	3.6	0.8	1.9	10.9

See footnotes at end of table.

**Table HC1-11a. Housing Unit Characteristics by South Census Region, Million 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	
<b>Fuels Used For Any Use (more than one often used)</b>						
Electricity .....	101.4	35.9	18.7	6.3	10.8	NF
Natural Gas .....	61.9	16.4	6.4	2.7	7.3	7.1
Wood .....	15.0	5.7	3.3	1.1	1.3	9.1
Fuel Oil .....	10.0	1.2	1.1	Q	Q	27.7
LPG .....	8.1	3.2	1.6	1.1	0.5	18.3
Kerosene .....	3.5	1.9	1.3	0.4	Q	15.3
Solar .....	0.7	0.3	0.3	Q	Q	47.5
<b>Main Heating Fuel</b>						
Natural Gas .....	53.5	13.7	5.4	2.3	6.1	7.5
Electricity .....	29.6	17.5	10.4	2.9	4.2	7.2
Fuel Oil .....	9.5	1.1	1.1	Q	Q	27.1
LPG .....	4.6	2.1	0.8	0.8	0.4	18.1
Wood .....	2.2	0.7	0.4	0.2	Q	20.6
Kerosene .....	1.0	0.4	0.4	Q	Q	20.5
Solar .....	Q	Q	Q	Q	Q	NF
Other/None .....	1.2	0.4	0.3	Q	Q	39.2

<sup>1</sup> 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.

<sup>2</sup> Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

<sup>3</sup> 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.

<sup>4</sup> Based on the household respondent's description rather than the Federal Government definition.

-- = Data not applicable.

NC = No cases in sample.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.

**Table HC1-12a. Housing Unit Characteristics by West Census Region,  
Million 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	
<b>Total</b> .....	101.5	21.8	6.2	15.6	NF
<b>Census Region and Division</b>					
Northeast .....	19.7	--	--	--	NF
New England .....	5.3	--	--	--	NF
Middle Atlantic .....	14.4	--	--	--	NF
Midwest .....	24.1	--	--	--	NF
East North Central .....	16.9	--	--	--	NF
West North Central .....	7.2	--	--	--	NF
South .....	35.9	--	--	--	NF
South Atlantic .....	18.7	--	--	--	NF
East South Central .....	6.3	--	--	--	NF
West South Central .....	10.8	--	--	--	NF
West .....	21.8	21.8	6.2	15.6	NF
Mountain .....	6.2	6.2	6.2	Q	NF
Pacific .....	15.6	15.6	Q	15.6	NF
<b>Metropolitan Statistical Area</b>					
Urban .....	78.6	19.3	4.8	14.4	3.9
Central City .....	36.8	9.9	3.3	6.6	9.1
Suburban .....	41.9	9.4	1.5	7.8	9.4
Rural .....	22.8	2.5	1.3	1.2	12.4
<b>Climate Zone<sup>1</sup></b>					
Fewer than 2,000 CDD and--					
More than 7,000 HDD .....	9.3	1.8	0.9	0.9	9.1
5,500 to 7,000 HDD .....	28.0	3.7	2.7	Q	18.3
4,000 to 5,499 HDD .....	22.5	2.4	Q	2.4	27.5
Fewer than 4,000 HDD .....	19.5	10.3	Q	9.9	4.3
2,000 CDD or More and --					
Fewer than 4,000 HDD .....	22.2	3.5	2.1	1.4	7.2
<b>Estimated Heated Floorspace Category (square feet)<sup>2</sup></b>					
Fewer than 600 .....	7.9	2.2	0.5	1.7	11.2
600 to 999 .....	21.5	5.1	1.4	3.7	8.2
1,000 to 1,599 .....	30.4	6.5	2.1	4.5	5.3
1,600 to 1,999 .....	15.3	3.0	0.8	2.2	7.2
2,000 to 2,399 .....	7.9	1.7	0.5	1.2	11.9
2,400 to 2,999 .....	5.3	1.2	0.3	0.8	10.6
3,000 or More .....	4.1	0.6	0.3	0.4	20.2
No Estimate Provided .....	9.1	1.4	0.3	1.1	14.3
<b>Ownership of Unit</b>					
Owned .....	68.5	13.1	4.2	8.9	3.6
Rented .....	33.0	8.8	2.0	6.8	6.1

See footnotes at end of table.

**Table HC1-12a. Housing Unit Characteristics by West Census Region, Million 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	
<b>Type and Ownership of Housing Unit</b>					
Single-Family Detached .....	63.8	12.6	3.7	8.8	4.7
Owned .....	55.6	10.2	3.2	7.0	5.4
Rented .....	8.1	2.3	0.5	1.8	9.0
Single-Family Attached .....	9.9	2.3	0.7	1.6	14.8
Owned .....	5.5	0.9	0.3	0.6	22.6
Rented .....	4.5	1.4	0.4	1.0	15.1
Multifamily (2 to 4 units) .....	5.6	0.8	0.2	0.6	21.1
Owned .....	0.9	Q	Q	Q	37.9
Rented .....	4.7	0.8	0.2	0.6	23.2
Multifamily (5 or more units) .....	15.8	4.4	0.8	3.5	11.3
Owned .....	1.2	0.4	Q	0.3	36.4
Rented .....	14.6	4.0	0.8	3.2	10.5
Mobile Home .....	6.3	1.7	0.7	1.1	16.1
Owned .....	5.3	1.5	0.5	0.9	18.6
Rented .....	1.1	0.3	Q	0.2	29.3
<b>Year of Construction</b>					
1939 or Before .....	18.7	2.1	0.7	1.4	10.5
1940 to 1949 .....	9.2	2.3	0.4	1.9	10.3
1950 to 1959 .....	12.5	2.9	0.8	2.1	8.1
1960 to 1969 .....	14.4	3.6	1.1	2.5	8.3
1970 to 1979 .....	19.6	5.1	1.6	3.5	6.8
1980 to 1989 .....	17.3	3.9	1.0	2.8	11.1
1990 to 1997 <sup>3</sup> .....	9.7	1.9	0.6	1.4	18.4
<b>Urban/Rural Location<sup>4</sup></b>					
City .....	48.2	13.5	3.9	9.6	5.4
Town .....	18.2	3.2	1.0	2.3	12.7
Suburbs .....	18.6	2.9	0.6	2.3	13.0
Rural or Open Country .....	16.5	2.2	0.7	1.5	12.9
<b>Total Number of Rooms (Excluding Bathrooms)</b>					
1 or 2 .....	3.1	1.3	0.2	1.1	15.3
3 .....	9.2	2.6	0.6	2.1	10.6
4 .....	18.3	4.6	1.3	3.3	9.3
5 .....	21.3	4.3	1.3	3.0	7.4
6 .....	20.0	3.9	1.1	2.8	5.9
7 .....	14.2	2.5	0.8	1.7	11.3
8 .....	8.4	1.4	0.5	0.8	10.4
9 or More .....	7.0	1.3	0.4	0.9	13.0
<b>Bedrooms</b>					
None or 1 .....	13.2	3.7	0.7	3.0	8.3
2 .....	28.8	6.7	2.0	4.8	7.1
3 .....	41.0	7.5	2.3	5.2	5.8
4 or More .....	18.6	3.9	1.2	2.7	8.7

See footnotes at end of table.

**Table HC1-12a. Housing Unit Characteristics by West Census Region, Million 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	
<b>Other Rooms (Excluding Bathrooms)</b>					
None or 1 .....	5.1	2.0	0.4	1.6	12.3
2 .....	38.6	9.6	2.7	6.9	4.1
3 .....	31.0	6.1	1.7	4.5	5.5
4 .....	17.6	2.5	0.8	1.7	10.2
5 or More .....	9.2	1.5	0.6	0.9	10.4
<b>Full Bathrooms</b>					
None or 1 .....	59.4	11.5	3.3	8.3	3.8
2 .....	35.9	8.5	2.4	6.0	4.0
3 or More .....	6.2	1.8	0.5	1.3	15.9
<b>Half Bathrooms</b>					
None .....	73.0	16.8	4.8	12.0	2.1
1 .....	26.5	4.7	1.3	3.4	6.3
2 or More .....	Q	Q	Q	Q	NF
<b>Number of Stories</b>					
Single-Family Homes .....	73.7	14.9	4.5	10.4	3.6
1 Story .....	41.1	10.1	3.3	6.8	5.5
2 Stories .....	26.9	3.9	0.9	3.1	9.8
3 Stories .....	3.2	0.4	0.2	0.3	18.2
Split-Level .....	2.4	0.4	Q	0.3	30.2
Other .....	Q	Q	Q	Q	NF
Mobile Homes .....	6.3	1.7	0.7	1.1	16.1
<b>Number of Floors in Apartment Buildings</b>					
1 or 2 Floors .....	10.9	3.0	0.6	2.4	11.4
3 or 4 Floors .....	5.4	1.3	0.4	1.0	21.7
5 to 10 Floors .....	2.1	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	0.5	Q	0.4	21.0
<b>Foundation/Basement of Single-Family Homes (More than one may apply)</b>					
Basement .....	33.2	2.9	1.6	1.3	9.8
Crawlspace .....	22.5	6.4	1.4	5.0	9.9
Concrete Slab .....	23.0	6.5	1.8	4.6	9.5
Not Asked (Mobile Homes and Multi-Family Units) .....	27.7	6.9	1.7	5.2	8.3
<b>Garage/Carport</b>					
Yes .....	54.5	12.9	3.5	9.4	4.0
1-Car Garage .....	16.2	2.9	0.9	2.0	7.8
2-Car Garage .....	29.7	7.6	1.9	5.7	7.6
3-Car Garage .....	2.8	0.8	0.2	0.7	15.5
Covered Carport .....	6.4	1.7	0.6	1.1	14.3
No .....	25.6	3.8	1.7	2.1	7.5
Not Asked (Apartments) .....	21.4	5.2	1.0	4.1	10.5

See footnotes at end of table.

**Table HC1-12a. Housing Unit Characteristics by West Census Region, Million 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	
<b>Fuels Used For Any Use (more than one often used)</b>					
Electricity .....	101.4	21.8	6.2	15.6	NF
Natural Gas .....	61.9	15.1	4.4	10.7	2.5
Wood .....	15.0	4.2	1.1	3.1	9.2
Fuel Oil .....	10.0	0.3	Q	0.2	25.2
LPG .....	8.1	1.0	0.4	0.6	18.2
Kerosene .....	3.5	0.2	Q	Q	20.8
Solar .....	0.7	0.2	Q	Q	31.3
<b>Main Heating Fuel</b>					
Natural Gas .....	53.5	12.7	4.0	8.7	3.6
Electricity .....	29.6	7.1	1.7	5.4	7.0
Fuel Oil .....	9.5	0.2	Q	Q	23.8
LPG .....	4.6	0.5	0.3	0.3	24.9
Wood .....	2.2	0.7	0.2	0.5	18.4
Kerosene .....	1.0	Q	Q	Q	33.0
Solar .....	Q	Q	Q	Q	NF
Other/None .....	1.2	0.5	Q	0.5	18.0

<sup>1</sup> 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.

<sup>2</sup> Estimates provided by the household interview respondents, who were asked which category best described the total heated floorspace in the home.

<sup>3</sup> 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.

<sup>4</sup> Based on the household respondent's description rather than the Federal Government definition.

-- = Data not applicable.

NF = No applicable RSE row factor.

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

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals.

• See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A, B, C of the 1997 Residential Energy Consumption Survey.