

## 1997 Housing Characteristics Tables

### Home Office Equipment Tables

(Percent of U.S. Households; 13 pages, 48 kb)

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These data are from the 1997 Residential Energy Consumption Survey (RECS) which provides information on the use of energy in residential housing units in the United States. The RECS is a national statistical survey that collects energy-related data for occupied primary housing units. RECS was first conducted in 1978; the seventh and most recent survey was conducted in 1997. The data were collected from a sample of 5,900 housing units statistically selected to represent the 101.5 million housing 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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**World Wide Web:** <http://www.eia.doe.gov/emeu/consumption>

**Table HC7-1b. Home Office Equipment by Climate Zone,  
Percent of U.S. Households, 1997**

Home Office Equipment	Total	Climate Zone <sup>1</sup>					RSE Row Factors
		Fewer than 2,000 CDD and --				More than 2,000 CDD 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:	<b>0.5</b>	<b>1.4</b>	<b>0.9</b>	<b>1.1</b>	<b>1.2</b>	<b>1.2</b>	
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	79.3	84.2	83.0	78.6	76.0	76.4	1.6
<b>Personal Computers</b> .....	35.1	40.2	37.3	33.9	34.9	31.4	5.2
<b>Number of PCs</b>							
1 .....	29.2	34.8	31.2	28.6	27.7	26.1	5.9
2 or more .....	5.9	5.4	6.1	5.2	7.1	5.3	12.1
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	24.0	21.5	17.7	21.3	19.4	7.8
<b>PC Uses a Laser Printer</b> .....	12.5	13.0	12.7	12.7	11.9	12.0	9.9
<b>Hours PCs Turned On Each Week</b>							
Less than 2 hours .....	8.1	8.5	8.9	9.7	7.4	5.7	9.5
2 to 15 hours .....	17.1	20.0	17.5	14.9	17.8	17.2	7.5
16 to 40 hours .....	6.6	7.7	8.2	6.3	6.1	4.8	11.4
On All the time .....	3.3	4.0	2.7	3.0	3.6	3.7	16.6
<b>How PC is Used</b>							
15 hours a Week or Less .....	25.2	28.5	26.4	24.6	25.2	22.9	5.8
16 hours a Week or More .....	9.9	11.7	10.9	9.3	9.7	8.5	10.3
Personal Use Only .....	4.7	5.6	5.6	4.1	3.8	4.6	13.9
Business Use Only .....	2.1	2.4	2.5	2.3	2.5	0.9	21.5
Both Personal and Business .....	3.1	3.7	2.8	2.9	3.4	3.0	18.9
<b>Business Use of PC</b>							
Other Business Use .....	3.1	4.1	3.0	3.3	2.9	2.7	19.9
Used for Telecommuting .....	2.1	2.0	2.2	1.9	3.0	1.2	19.2
1 to 4 Days per Week .....	1.1	Q	1.4	Q	1.7	Q	22.5
5 to 7 Days per Week .....	1.0	Q	0.9	1.2	1.2	Q	30.3
<b>Other Office Equipment</b>							
Cordless Telephone .....	61.4	64.3	63.5	60.0	61.0	59.2	2.4
Facsimile Machine .....	6.2	6.0	5.3	6.7	9.2	4.5	13.9
Photocopier .....	3.7	3.7	3.6	4.2	3.7	3.5	15.3
Telephone Answering Machine .....	58.4	61.4	62.7	58.4	55.2	54.6	3.0

<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.

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 HC7-2b. Home Office Equipment by Year of Construction,  
Percent of U.S. Households, 1997**

Home Office Equipment	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	1.4	1.0	1.0	1.2	1.4	1.0	
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	79.3	87.5	85.7	80.3	80.6	75.4	73.1	1.6
<b>Personal Computers</b> .....	35.1	50.4	42.3	37.0	33.0	27.6	28.3	4.9
<b>Number of PCs</b>								
1 .....	29.2	40.9	34.3	30.7	28.7	23.3	23.8	5.5
2 or more .....	5.9	9.5	7.9	6.3	4.3	4.3	4.5	13.9
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	31.4	28.0	20.8	19.8	15.3	14.2	6.8
<b>PC Uses a Laser Printer</b> .....	12.5	23.6	18.5	11.3	9.7	7.9	9.0	8.8
<b>Hours PCs Turned On Each Week</b>								
Less than 2 hours .....	8.1	9.1	6.8	9.0	8.7	6.0	8.4	11.1
2 to 15 hours .....	17.1	26.7	22.7	18.3	14.6	14.6	12.0	7.3
16 to 40 hours .....	6.6	9.6	7.9	6.2	6.5	4.4	5.9	12.1
On All the time .....	3.3	4.9	4.9	3.5	3.2	2.6	1.9	17.9
<b>How PC is Used</b>								
15 hours a Week or Less .....	25.2	35.8	29.4	27.3	23.3	20.6	20.4	6.0
16 hours a Week or More .....	9.9	14.6	12.8	9.7	9.7	7.0	7.9	10.1
Personal Use Only .....	4.7	6.5	5.5	5.1	4.9	3.5	3.8	14.5
Business Use Only .....	2.1	5.0	2.3	1.3	2.2	1.6	1.6	23.5
Both Personal and Business .....	3.1	3.0	5.0	3.3	2.6	1.9	2.5	19.4
<b>Business Use of PC</b>								
Other Business Use .....	3.1	5.1	4.3	2.6	2.5	2.6	2.5	19.9
Used for Telecommuting .....	2.1	2.9	3.0	2.0	2.3	Q	1.6	21.8
1 to 4 Days per Week .....	1.1	Q	1.3	1.1	Q	Q	0.9	28.7
5 to 7 Days per Week .....	1.0	Q	1.7	Q	Q	Q	0.7	29.9
<b>Other Office Equipment</b>								
Cordless Telephone .....	61.4	70.7	68.8	60.6	59.2	58.9	56.3	2.4
Facsimile Machine .....	6.2	14.6	8.5	6.0	4.8	4.0	3.9	15.0
Photocopier .....	3.7	7.7	4.6	3.3	3.3	2.5	3.0	16.0
Telephone Answering Machine .....	58.4	66.6	65.4	61.6	59.4	52.8	51.0	2.8

<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.

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

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

• Percentages are calculated on unrounded numbers. • See "Glossary" for definition of terms used in this report.

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

**Table HC7-3b. Home Office Equipment by Household Income, Percent of U.S. Households, 1997**

Home Office Equipment	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:	0.4	2.3	1.2	0.7	0.5	1.9	1.2	
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	79.3	48.6	71.3	85.6	95.4	53.2	61.7	1.5
<b>Personal Computers</b> .....	35.1	9.7	16.5	36.9	64.5	13.1	15.8	4.9
<b>Number of PCs</b>								
1 .....	29.2	8.0	14.5	32.8	50.7	10.5	13.9	5.6
2 or more .....	5.9	Q	2.0	4.1	13.8	2.6	2.0	16.3
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	5.2	8.6	19.8	40.7	5.9	7.7	8.2
<b>PC Uses a Laser Printer</b> .....	12.5	2.5	4.5	12.8	25.1	3.7	4.5	9.9
<b>Hours PCs Turned On Each Week</b>								
Less than 2 hours .....	8.1	2.8	4.2	9.8	12.5	3.7	4.0	10.5
2 to 15 hours .....	17.1	3.4	8.0	18.3	31.9	5.3	6.9	8.1
16 to 40 hours .....	6.6	3.2	3.1	5.8	12.6	3.1	4.1	12.5
On All the time .....	3.3	Q	1.1	3.0	7.4	1.0	0.9	19.7
<b>How PC is Used</b>								
15 hours a Week or Less .....	25.2	6.3	12.2	28.2	44.4	9.0	10.8	6.2
16 hours a Week or More .....	9.9	3.4	4.2	8.7	20.0	4.1	5.0	11.0
Personal Use Only .....	4.7	2.3	2.3	4.1	9.1	2.9	2.9	14.9
Business Use Only .....	2.1	Q	Q	1.4	5.0	Q	0.7	26.3
Both Personal and Business .....	3.1	Q	1.2	3.3	6.0	Q	1.3	20.9
<b>Business Use of PC</b>								
Other Business Use .....	3.1	Q	1.1	2.7	6.5	Q	1.4	22.9
Used for Telecommuting .....	2.1	Q	0.8	2.0	4.4	Q	0.7	24.2
1 to 4 Days per Week .....	1.1	Q	Q	0.7	2.8	Q	Q	30.4
5 to 7 Days per Week .....	1.0	Q	Q	1.3	1.6	Q	Q	37.0
<b>Other Office Equipment</b>								
Cordless Telephone .....	61.4	35.3	51.5	66.9	77.9	39.5	45.6	2.4
Facsimile Machine .....	6.2	Q	2.5	5.3	13.3	Q	2.1	16.6
Photocopier .....	3.7	Q	1.5	3.9	7.3	Q	1.4	18.7
Telephone Answering Machine .....	58.4	30.2	49.1	62.3	77.2	32.3	39.0	2.7

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

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

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

• Percentages are calculated on unrounded numbers. • See "Glossary" for definition of terms used in this report.

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

**Table HC7-4b. Home Office Equipment by Type of Housing Unit,  
Percent of U.S. Households, 1997**

Home Office Equipment	Total	Type of Housing Unit				Mobile Home	RSE Row Factors
		Single-Family	Multifamily				
			Two to Four Units	Five or More Units			
RSE Column Factor:	0.4	0.5	2.0	1.2	2.1		
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	0.0	
<b>Households Using Office Equipment</b> .....	79.3	83.1	67.9	69.5	70.5	1.9	
<b>Personal Computers</b> .....	35.1	39.6	21.5	26.4	15.5	5.6	
<b>Number of PCs</b>							
1 .....	29.2	32.6	17.5	23.1	14.7	6.3	
2 or more .....	5.9	7.0	4.0	3.3	Q	16.2	
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	22.5	12.3	18.2	8.2	7.8	
<b>PC Uses a Laser Printer</b> .....	12.5	14.6	8.0	7.3	4.8	11.3	
<b>Hours PCs Turned On Each Week</b>							
Less than 2 hours .....	8.1	9.5	3.6	4.8	3.8	13.7	
2 to 15 hours .....	17.1	19.5	11.1	12.2	7.3	8.3	
16 to 40 hours .....	6.6	7.2	5.4	5.5	2.9	13.7	
On All the time .....	3.3	3.5	Q	3.9	Q	19.2	
<b>How PC is Used</b>							
15 hours a Week or Less .....	25.2	29.0	14.7	17.0	11.1	6.7	
16 hours a Week or More .....	9.9	10.7	6.8	9.4	4.4	12.0	
Personal Use Only .....	4.7	5.0	5.2	3.7	3.3	15.5	
Business Use Only .....	2.1	2.3	Q	2.1	Q	25.0	
Both Personal and Business .....	3.1	3.3	Q	3.7	Q	21.5	
<b>Business Use of PC</b>							
Other Business Use .....	3.1	3.5	Q	2.7	Q	23.7	
Used for Telecommuting .....	2.1	2.1	Q	3.1	Q	22.4	
1 to 4 Days per Week .....	1.1	1.1	Q	1.4	Q	31.1	
5 to 7 Days per Week .....	1.0	1.0	Q	1.6	Q	34.3	
<b>Other Office Equipment</b>							
Cordless Telephone .....	61.4	65.9	51.9	47.4	51.5	2.8	
Facsimile Machine .....	6.2	7.1	Q	5.1	2.5	17.3	
Photocopier .....	3.7	4.6	Q	1.0	2.4	19.9	
Telephone Answering Machine .....	58.4	62.1	49.1	50.2	44.6	3.2	

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 HC7-5b. Home Office Equipment by Type of Owner-Occupied Housing Unit, Percent of U.S. Households, 1997**

Home Office Equipment	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:	0.3	0.3	2.7	2.9	1.5	
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	83.5	84.9	76.5	63.2	71.8	2.9
<b>Personal Computers</b> .....	38.8	41.5	Q	20.5	15.9	8.4
<b>Number of PCs</b>						
1 .....	32.0	33.9	Q	20.5	14.9	9.4
2 or more .....	6.8	7.5	Q	Q	Q	24.8
<b>Modem Connecting PC to Telephone Line</b> .....	22.1	23.8	Q	Q	7.8	12.0
<b>PC Uses a Laser Printer</b> .....	14.8	15.8	Q	Q	4.9	17.5
<b>Hours PCs Turned On Each Week</b>						
Less than 2 hours .....	9.4	10.1	Q	Q	4.2	20.4
2 to 15 hours .....	18.9	20.2	Q	Q	6.7	13.5
16 to 40 hours .....	7.1	7.6	Q	Q	3.3	20.4
On All the time .....	3.4	3.6	Q	Q	Q	33.7
<b>How PC is Used</b>						
15 hours a Week or Less .....	28.3	30.3	Q	Q	10.8	10.8
16 hours a Week or More .....	10.6	11.2	Q	Q	5.1	18.2
Personal Use Only .....	5.0	5.2	Q	Q	3.9	24.8
Business Use Only .....	2.4	2.6	Q	Q	Q	40.4
Both Personal and Business .....	3.1	3.4	Q	Q	Q	31.9
<b>Business Use of PC</b>						
Other Business Use .....	3.5	3.8	Q	Q	Q	32.9
Used for Telecommuting .....	2.0	2.2	Q	Q	Q	38.4
1 to 4 Days per Week .....	1.1	1.2	Q	Q	Q	51.1
5 to 7 Days per Week .....	0.9	1.0	Q	Q	Q	66.4
<b>Other Office Equipment</b>						
Cordless Telephone .....	66.8	68.9	65.1	29.2	51.6	4.5
Facsimile Machine .....	7.1	7.6	Q	Q	Q	28.9
Photocopier .....	4.9	5.1	Q	Q	2.8	27.4
Telephone Answering Machine .....	62.0	64.0	43.4	52.6	44.7	4.7

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 HC7-6b. Home Office Equipment by Type of Rented Housing Unit,  
Percent of U.S. Households, 1997**

Home Office Equipment	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:	0.5	0.7	1.3	0.8	2.9	
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	70.8	74.1	66.2	69.9	64.1	3.6
<b>Personal Computers</b> .....	27.2	30.6	22.3	26.9	13.3	9.4
<b>Number of PCs</b>						
1 .....	23.3	26.3	17.4	23.3	13.3	10.4
2 or more .....	3.9	4.3	4.8	3.5	Q	26.2
<b>Modem Connecting PC to Telephone Line</b> .....	16.8	16.5	13.0	18.8	Q	13.4
<b>PC Uses a Laser Printer</b> .....	7.5	8.4	6.5	7.2	Q	18.9
<b>Hours PCs Turned On Each Week</b>						
Less than 2 hours .....	5.2	6.1	4.2	5.0	Q	23.6
2 to 15 hours .....	13.6	16.4	10.8	12.3	Q	13.9
16 to 40 hours .....	5.4	5.3	6.2	5.5	Q	24.3
On All the time .....	3.1	2.9	Q	4.1	Q	31.3
<b>How PC is Used</b>						
15 hours a Week or Less .....	18.8	22.4	15.0	17.3	12.5	11.1
16 hours a Week or More .....	8.4	8.2	7.2	9.6	Q	19.2
Personal Use Only .....	4.0	4.1	5.9	3.6	Q	28.2
Business Use Only .....	1.5	Q	Q	2.3	Q	37.0
Both Personal and Business .....	2.9	3.0	Q	3.7	Q	36.0
<b>Business Use of PC</b>						
Other Business Use .....	2.2	2.2	Q	2.8	Q	40.8
Used for Telecommuting .....	2.2	1.9	Q	3.2	Q	35.7
1 to 4 Days per Week .....	1.0	Q	Q	1.5	Q	48.8
5 to 7 Days per Week .....	1.2	Q	Q	1.6	Q	51.4
<b>Other Office Equipment</b>						
Cordless Telephone .....	50.1	51.7	49.2	48.9	51.3	4.9
Facsimile Machine .....	4.5	4.7	Q	5.0	Q	24.2
Photocopier .....	1.3	2.1	Q	Q	Q	43.6
Telephone Answering Machine .....	50.9	52.8	50.2	50.0	44.0	5.6

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 HC7-7b. Home Office Equipment by Four Most Populated States,  
Percent of U.S. Households, 1997**

Home Office Equipment	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>1.5</b>	<b>1.3</b>	
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	79.3	79.4	77.6	75.1	79.4	1.9
<b>Personal Computers</b> .....	35.1	31.6	39.9	36.7	33.2	5.9
<b>Number of PCs</b>						
1 .....	29.2	27.1	31.0	30.9	26.2	7.9
2 or more .....	5.9	4.5	8.9	5.8	7.0	16.6
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	17.8	25.3	20.6	22.9	7.9
<b>PC Uses a Laser Printer</b> .....	12.5	12.9	12.7	16.0	10.1	11.8
<b>Hours PCs Turned On Each Week</b>						
Less than 2 hours .....	8.1	6.6	6.8	6.6	5.2	17.3
2 to 15 hours .....	17.1	15.5	19.9	18.8	17.4	10.8
16 to 40 hours .....	6.6	7.2	9.1	6.3	6.0	14.3
On All the time .....	3.3	2.3	4.1	5.0	4.6	17.5
<b>How PC is Used</b>						
15 hours a Week or Less .....	25.2	22.1	26.8	25.5	22.6	8.1
16 hours a Week or More .....	9.9	9.5	13.1	11.2	10.5	14.2
Personal Use Only .....	4.7	3.6	5.3	6.8	4.9	16.2
Business Use Only .....	2.1	2.0	3.6	1.0	Q	27.1
Both Personal and Business .....	3.1	3.9	4.2	3.4	5.7	24.8
<b>Business Use of PC</b>						
Other Business Use .....	3.1	3.6	3.5	Q	4.8	28.2
Used for Telecommuting .....	2.1	2.4	4.3	2.2	Q	22.3
1 to 4 Days per Week .....	1.1	1.7	2.5	Q	Q	27.4
5 to 7 Days per Week .....	1.0	Q	1.9	Q	Q	28.7
<b>Other Office Equipment</b>						
Cordless Telephone .....	61.4	60.6	58.8	59.8	63.7	2.9
Facsimile Machine .....	6.2	7.5	10.1	4.8	5.7	13.6
Photocopier .....	3.7	3.7	4.1	4.0	3.9	17.0
Telephone Answering Machine .....	58.4	60.0	59.6	54.4	58.7	4.2

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 HC7-8b. Home Office Equipment by Urban/Rural Location,  
Percent of U.S. Households, 1997**

Home Office Equipment	Total	Urban/Rural Location <sup>1</sup>				RSE Row Factors
		City	Town	Suburbs	Rural	
		0.8	1.5	1.1	1.4	
RSE Column Factor:	0.6	0.8	1.5	1.1	1.4	
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	79.3	75.8	76.8	89.5	81.1	1.4
<b>Personal Computers</b> .....	35.1	32.9	30.9	48.0	31.3	4.1
<b>Number of PCs</b>						
1 .....	29.2	27.2	25.6	40.3	26.5	4.7
2 or more .....	5.9	5.7	5.3	7.8	4.8	11.3
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	19.8	16.3	29.7	16.1	6.1
<b>PC Uses a Laser Printer</b> .....	12.5	10.6	11.6	17.7	12.9	8.2
<b>Hours PCs Turned On Each Week</b>						
Less than 2 hours .....	8.1	7.5	7.8	9.0	8.8	9.3
2 to 15 hours .....	17.1	16.0	14.9	25.5	13.4	6.2
16 to 40 hours .....	6.6	6.3	5.6	8.5	6.2	10.0
On All the time .....	3.3	3.0	2.6	5.0	3.0	14.9
<b>How PC is Used</b>						
15 hours a Week or Less .....	25.2	23.6	22.7	34.5	22.1	5.0
16 hours a Week or More .....	9.9	9.3	8.2	13.5	9.2	8.5
Personal Use Only .....	4.7	4.7	3.8	6.2	4.2	12.3
Business Use Only .....	2.1	1.7	2.1	3.3	1.9	19.0
Both Personal and Business .....	3.1	3.0	2.3	4.0	3.1	16.2
<b>Business Use of PC</b>						
Other Business Use .....	3.1	2.5	3.2	4.4	3.3	15.3
Used for Telecommuting .....	2.1	2.2	1.2	2.9	1.7	19.9
1 to 4 Days per Week .....	1.1	1.1	0.4	1.5	1.3	25.3
5 to 7 Days per Week .....	1.0	1.1	0.8	1.4	Q	29.7
<b>Other Office Equipment</b>						
Cordless Telephone .....	61.4	58.0	57.7	71.5	63.9	2.2
Facsimile Machine .....	6.2	5.3	5.5	9.3	6.3	12.2
Photocopier .....	3.7	2.9	4.1	4.7	4.6	13.0
Telephone Answering Machine .....	58.4	55.6	57.5	66.8	58.2	2.3

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

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 HC7-9b. Home Office Equipment by Northeast Census Region,  
Percent of U.S. Households, 1997**

Home Office Equipment	Total U.S.	Northeast Census Region			RSE Row Factors
		Total	Census Division		
			Middle Atlantic	New England	
RSE Column Factor:	0.5	1.1	1.4	1.3	
<b>Total</b> .....	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	79.3	79.1	78.7	80.0	1.4
<b>Personal Computers</b> .....	35.1	31.9	30.8	35.0	5.2
<b>Number of PCs</b>					
1 .....	29.2	27.2	26.5	29.2	5.6
2 or more .....	5.9	4.7	4.3	5.9	11.6
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	17.8	16.5	21.2	8.2
<b>PC Uses a Laser Printer</b> .....	12.5	11.4	11.9	10.0	8.8
<b>Hours PCs Turned On Each Week</b>					
Less than 2 hours .....	8.1	7.6	7.1	8.9	11.5
2 to 15 hours .....	17.1	14.0	13.4	15.5	5.4
16 to 40 hours .....	6.6	7.9	8.0	7.7	12.3
On All the time .....	3.3	2.5	2.2	3.0	19.7
<b>How PC is Used</b>					
15 hours a Week or Less .....	25.2	21.5	20.5	24.3	6.3
16 hours a Week or More .....	9.9	10.4	10.3	10.7	11.2
Personal Use Only .....	4.7	4.5	4.3	5.0	16.0
Business Use Only .....	2.1	2.3	2.3	2.4	20.6
Both Personal and Business .....	3.1	3.6	3.7	3.3	14.4
<b>Business Use of PC</b>					
Other Business Use .....	3.1	3.6	3.8	2.9	14.6
Used for Telecommuting .....	2.1	2.3	2.2	2.8	19.2
1 to 4 Days per Week .....	1.1	1.2	Q	Q	25.0
5 to 7 Days per Week .....	1.0	1.2	Q	Q	31.2
<b>Other Office Equipment</b>					
Cordless Telephone .....	61.4	59.6	59.5	59.8	2.0
Facsimile Machine .....	6.2	6.5	7.2	4.8	15.5
Photocopier .....	3.7	3.8	4.1	3.2	19.0
Telephone Answering Machine .....	58.4	62.2	61.5	64.1	2.7

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 HC7-10b. Home Office Equipment by Midwest Census Region, Percent of U.S. Households, 1997**

Home Office Equipment	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> .....	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	79.3	82.5	82.7	81.9	1.4
<b>Personal Computers</b> .....	35.1	38.0	38.0	37.9	4.0
<b>Number of PCs</b>					
1 .....	29.2	32.4	32.2	33.0	4.4
2 or more .....	5.9	5.6	5.9	4.9	12.4
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	21.7	21.6	22.0	6.9
<b>PC Uses a Laser Printer</b> .....	12.5	12.9	13.0	12.6	10.0
<b>Hours PCs Turned On Each Week</b>					
Less than 2 hours .....	8.1	9.7	10.1	8.6	9.3
2 to 15 hours .....	17.1	18.1	16.5	21.8	7.1
16 to 40 hours .....	6.6	7.4	8.7	4.2	10.1
On All the time .....	3.3	2.9	2.7	3.4	16.4
<b>How PC is Used</b>					
15 hours a Week or Less .....	25.2	27.7	26.6	30.4	4.8
16 hours a Week or More .....	9.9	10.2	11.4	7.5	9.3
Personal Use Only .....	4.7	5.2	5.7	4.0	13.1
Business Use Only .....	2.1	2.5	3.0	Q	22.0
Both Personal and Business .....	3.1	2.6	2.7	2.3	21.9
<b>Business Use of PC</b>					
Other Business Use .....	3.1	3.3	3.7	2.5	22.6
Used for Telecommuting .....	2.1	1.7	2.0	Q	22.1
1 to 4 Days per Week .....	1.1	Q	Q	Q	25.5
5 to 7 Days per Week .....	1.0	0.9	Q	Q	33.8
<b>Other Office Equipment</b>					
Cordless Telephone .....	61.4	63.8	64.1	63.1	2.2
Facsimile Machine .....	6.2	5.3	5.3	5.2	19.3
Photocopier .....	3.7	3.9	4.2	3.1	18.1
Telephone Answering Machine .....	58.4	61.0	61.9	58.9	2.5

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 HC7-11b. Home Office Equipment by South Census Region,  
Percent of U.S. Households, 1997**

Home Office Equipment	Total U.S.	South Census Region				RSE Row Factors
		Total	Census Division			
			South Atlantic	East South Central	West south Central	
RSE Column Factor:	0.4	0.8	1.0	1.6	1.6	
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	79.3	76.7	78.4	75.7	74.4	1.9
<b>Personal Computers</b> .....	35.1	31.0	32.3	25.2	32.1	5.5
<b>Number of PCs</b>						
1 .....	29.2	25.9	26.6	23.0	26.5	6.8
2 or more .....	5.9	5.1	5.7	2.2	5.6	13.7
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	18.2	19.9	14.7	17.4	7.3
<b>PC Uses a Laser Printer</b> .....	12.5	11.7	11.4	8.6	14.1	10.9
<b>Hours PCs Turned On Each Week</b>						
Less than 2 hours .....	8.1	7.1	7.3	6.3	7.4	10.6
2 to 15 hours .....	17.1	15.9	16.0	14.6	16.5	7.4
16 to 40 hours .....	6.6	4.4	5.1	2.3	4.4	12.1
On All the time .....	3.3	3.6	3.9	2.0	4.0	18.8
<b>How PC is Used</b>						
15 hours a Week or Less .....	25.2	23.0	23.3	21.0	23.8	5.8
16 hours a Week or More .....	9.9	8.0	9.0	4.3	8.3	12.1
Personal Use Only .....	4.7	4.2	4.4	2.2	5.0	15.7
Business Use Only .....	2.1	1.1	1.4	Q	Q	25.4
Both Personal and Business .....	3.1	2.7	3.2	Q	2.4	22.0
<b>Business Use of PC</b>						
Other Business Use .....	3.1	2.6	3.5	Q	Q	21.9
Used for Telecommuting .....	2.1	1.2	1.1	Q	Q	26.2
1 to 4 Days per Week .....	1.1	0.5	Q	Q	Q	30.7
5 to 7 Days per Week .....	1.0	0.6	Q	Q	Q	41.1
<b>Other Office Equipment</b>						
Cordless Telephone .....	61.4	61.5	63.4	61.8	57.9	2.6
Facsimile Machine .....	6.2	5.6	7.3	2.9	4.3	13.1
Photocopier .....	3.7	3.5	3.6	2.8	3.7	14.0
Telephone Answering Machine .....	58.4	54.2	55.8	52.9	52.2	3.4

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 HC7-12b. Home Office Equipment by West Census Region,  
Percent of U.S. Households, 1997**

Home Office Equipment	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.8	1.1	
<b>Total</b> .....	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	79.3	80.4	82.0	79.8	1.6
<b>Personal Computers</b> .....	35.1	41.3	39.8	42.0	5.4
<b>Number of PCs</b>					
1 .....	29.2	32.9	32.4	33.0	6.2
2 or more .....	5.9	8.5	7.4	8.9	13.4
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	24.9	21.6	26.2	8.4
<b>PC Uses a Laser Printer</b> .....	12.5	14.2	13.1	14.6	7.9
<b>Hours PCs Turned On Each Week</b>					
Less than 2 hours .....	8.1	8.2	7.9	8.3	7.1
2 to 15 hours .....	17.1	21.0	22.8	20.3	7.0
16 to 40 hours .....	6.6	8.0	6.7	8.5	12.0
On All the time .....	3.3	4.1	2.3	4.8	15.5
<b>How PC is Used</b>					
15 hours a Week or Less .....	25.2	29.3	30.8	28.7	5.4
16 hours a Week or More .....	9.9	12.1	9.0	13.3	10.5
Personal Use Only .....	4.7	5.3	4.5	5.6	13.6
Business Use Only .....	2.1	3.1	2.5	3.3	21.7
Both Personal and Business .....	3.1	3.7	Q	4.4	17.0
<b>Business Use of PC</b>					
Other Business Use .....	3.1	3.2	2.4	3.5	19.2
Used for Telecommuting .....	2.1	3.6	Q	4.2	14.8
1 to 4 Days per Week .....	1.1	2.1	Q	2.3	19.6
5 to 7 Days per Week .....	1.0	1.6	Q	2.0	23.3
<b>Other Office Equipment</b>					
Cordless Telephone .....	61.4	60.2	62.2	59.4	2.6
Facsimile Machine .....	6.2	8.1	4.4	9.5	13.4
Photocopier .....	3.7	3.9	4.1	3.8	16.8
Telephone Answering Machine .....	58.4	59.1	57.0	59.9	3.6

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 HC7-13b. Home Office Equipment by Census Region,  
Percent of U.S. Households, 1997**

Home Office Equipment	Total	Census Region				RSE Row Factors
		Northeast	Midwest	South	West	
RSE Column Factor:	<b>0.6</b>	<b>1.3</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	
<b>Total</b> .....	100.0	100.0	100.0	100.0	100.0	0.0
<b>Households Using Office Equipment</b> .....	79.3	79.1	82.5	76.7	80.4	1.3
<b>Personal Computers</b> .....	35.1	31.9	38.0	31.0	41.3	4.1
<b>Number of PCs</b>						
1 .....	29.2	27.2	32.4	25.9	32.9	4.9
2 or more .....	5.9	4.7	5.6	5.1	8.5	10.7
<b>Modem Connecting PC to Telephone Line</b> .....	20.4	17.8	21.7	18.2	24.9	6.3
<b>PC Uses a Laser Printer</b> .....	12.5	11.4	12.9	11.7	14.2	7.9
<b>Hours PCs Turned On Each Week</b>						
Less than 2 hours .....	8.1	7.6	9.7	7.1	8.2	8.0
2 to 15 hours .....	17.1	14.0	18.1	15.9	21.0	5.9
16 to 40 hours .....	6.6	7.9	7.4	4.4	8.0	9.2
On All the time .....	3.3	2.5	2.9	3.6	4.1	14.3
<b>How PC is Used</b>						
15 hours a Week or Less .....	25.2	21.5	27.7	23.0	29.3	4.8
16 hours a Week or More .....	9.9	10.4	10.2	8.0	12.1	8.7
Personal Use Only .....	4.7	4.5	5.2	4.2	5.3	12.2
Business Use Only .....	2.1	2.3	2.5	1.1	3.1	19.1
Both Personal and Business .....	3.1	3.6	2.6	2.7	3.7	15.7
<b>Business Use of PC</b>						
Other Business Use .....	3.1	3.6	3.3	2.6	3.2	16.8
Used for Telecommuting .....	2.1	2.3	1.7	1.2	3.6	17.4
1 to 4 Days per Week .....	1.1	1.2	Q	0.5	2.1	21.1
5 to 7 Days per Week .....	1.0	1.2	0.9	0.6	1.6	27.7
<b>Other Office Equipment</b>						
Cordless Telephone .....	61.4	59.6	63.8	61.5	60.2	2.0
Facsimile Machine .....	6.2	6.5	5.3	5.6	8.1	13.4
Photocopier .....	3.7	3.8	3.9	3.5	3.9	13.6
Telephone Answering Machine .....	58.4	62.2	61.0	54.2	59.1	2.5

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.