

2001 Housing Characteristics Tables

Home Office Equipment Tables

(Million U.S. Households; 12 pages, 123 kb)

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These data are from the 2001 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 eleventh and most recent survey was conducted in 2001. In the 2001 RECS, data were collected from a sample of 4,822 households in housing units statistically selected to represent the 107.0 million housing units in the United States. The RECS 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 HC7-1a. Home Office Equipment by Climate Zone,
Million U.S. Households, 2001**

Home Office Equipment	Total	Climate Zone ¹					RSE Row Factors
		Fewer than 2,000 CDD and --				2,000 CDD or More and Fewer than 4,000 HDD	
		More than 7,000 HDD	5,500 to 7,000 HDD	4,000 to 5,499 HDD	Fewer than 4,000 HDD		
RSE Column Factor:	0.4	1.9	1.1	1.2	1.1	1.0	
Total	107.0	9.2	28.6	24.0	21.0	24.1	7.9
Households Using Office Equipment	96.2	8.4	26.2	21.1	19.0	21.5	7.8
Personal Computers²	60.0	5.7	16.7	13.1	12.1	12.6	7.4
Number of Desktop PCs							
1	45.1	4.2	12.8	9.6	8.8	9.6	7.8
2 or more	9.1	0.8	2.4	2.3	2.0	1.7	12.1
Number of Laptop PCs							
1	12.0	0.9	3.1	2.6	2.8	2.6	12.3
2 or more	2.2	Q	0.6	0.6	0.3	0.6	27.8
Have Access to Internet	50.7	4.7	14.5	10.9	10.0	10.5	7.6
Hours PCs Turned On Each Week							
Less than 2 hours	10.3	1.0	2.7	2.2	1.9	2.6	13.2
2 to 15 hours	26.3	2.3	7.5	5.7	5.5	5.3	8.9
16 to 40 hours	12.2	1.2	3.3	2.9	2.5	2.3	12.4
More than 40 hours	5.7	0.7	1.7	1.1	1.0	1.2	15.6
On All the time	5.6	0.5	1.5	1.2	1.1	1.2	17.2
How PC is Used							
15 hours a Week or Less	36.6	3.2	10.2	7.9	7.4	7.9	8.4
16 hours a Week or More	23.4	2.4	6.5	5.2	4.6	4.7	9.9
Personal Use Only	14.0	1.6	4.2	2.7	2.6	2.8	12.8
Business Use Only	2.1	0.3	0.4	0.5	0.5	0.4	20.8
Both Personal and Business	7.3	0.5	1.9	1.9	1.5	1.5	13.7
Business Use of PC							
Other Business Use	5.8	0.5	1.3	1.5	1.5	1.0	14.9
Used for Telecommuting	3.6	0.2	1.0	0.9	0.5	0.9	19.4
1 to 4 Days per Week	2.0	Q	0.7	0.6	0.2	0.3	27.1
5 to 7 Days per Week	1.6	Q	0.3	0.3	0.3	0.6	31.1
Printer							
Attached to PC	52.8	5.0	14.9	11.3	10.6	11.0	7.7
With Built-in Fax/Copier	12.6	0.8	3.5	3.2	2.4	2.7	11.4
Without Built-in Fax/Copier	40.2	4.2	11.4	8.1	8.2	8.3	8.7
Other Office Equipment							
Cell/Mobile Telephone	56.8	4.3	15.0	12.5	11.6	13.4	7.2
Cordless Telephone	81.5	7.4	22.4	17.6	16.1	17.9	7.8
Separate Facsimile Machine	11.0	0.6	2.7	2.3	2.8	2.7	12.0
Separate Photocopier	7.4	0.9	2.2	1.7	1.4	1.3	14.8
Telephone Answering Machine	65.7	6.2	19.3	14.9	12.5	12.7	7.0

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

² These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

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

**Table HC7-2a. Home Office Equipment by Year of Construction,
Million U.S. Households, 2001**

Home Office Equipment	Total	Year of Construction						RSE Row Factors
		1990 to 2001 ¹	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1949 or Before	
RSE Column Factor:	0.4	1.4	1.1	1.1	1.2	1.2	1.0	
Total	107.0	15.5	18.2	18.8	13.8	14.2	26.6	4.2
Households Using Office Equipment	96.2	14.9	16.7	17.0	12.2	13.0	22.4	4.4
Personal Computers²	60.0	11.0	11.6	10.3	7.2	7.8	12.0	5.3
Number of Desktop PCs								
1	45.1	8.0	9.0	7.7	5.3	6.1	9.1	5.8
2 or more	9.1	1.8	1.6	2.0	1.1	1.0	1.6	11.8
Number of Laptop PCs								
1	12.0	2.8	2.3	1.8	1.5	1.4	2.2	11.0
2 or more	2.2	0.9	0.5	Q	Q	Q	0.4	23.9
Have Access to Internet	50.7	9.3	10.1	8.8	6.1	6.7	9.7	5.7
Hours PCs Turned On Each Week								
Less than 2 hours	10.3	1.8	1.8	2.1	1.2	1.5	1.9	12.0
2 to 15 hours	26.3	4.6	5.1	4.4	3.3	3.4	5.5	7.5
16 to 40 hours	12.2	2.7	2.7	1.6	1.5	1.5	2.3	11.0
More than 40 hours	5.7	0.8	1.1	1.2	0.7	0.8	1.1	15.4
On All the time	5.6	1.1	0.9	1.0	0.6	0.6	1.3	16.3
How PC is Used								
15 hours a Week or Less	36.6	6.4	6.9	6.5	4.5	4.9	7.4	6.6
16 hours a Week or More	23.4	4.7	4.7	3.8	2.7	2.9	4.6	7.7
Personal Use Only	14.0	2.5	2.7	2.4	1.7	2.0	2.7	9.7
Business Use Only	2.1	0.5	0.4	0.3	0.3	0.2	0.4	23.6
Both Personal and Business	7.3	1.6	1.7	1.1	0.7	0.7	1.5	14.0
Business Use of PC								
Other Business Use	5.8	1.2	1.3	0.9	0.6	0.7	1.2	15.0
Used for Telecommuting	3.6	0.9	0.8	0.5	0.4	0.2	0.7	22.1
1 to 4 Days per Week	2.0	0.6	0.3	0.3	0.3	Q	0.4	27.0
5 to 7 Days per Week	1.6	0.4	0.4	Q	Q	Q	0.4	28.5
Printer								
Attached to PC	52.8	10.0	10.4	9.1	6.3	6.7	10.3	5.7
With Built-in Fax/Copier	12.6	2.6	2.1	2.1	1.6	1.7	2.5	11.0
Without Built-in Fax/Copier	40.2	7.4	8.3	7.0	4.7	5.0	7.8	6.2
Other Office Equipment								
Cell/Mobile Telephone	56.8	10.5	10.7	9.7	7.0	7.5	11.3	5.1
Cordless Telephone	81.5	13.4	14.8	13.8	10.2	10.9	18.4	4.8
Separate Facsimile Machine	11.0	2.2	2.3	2.0	1.5	1.1	2.0	11.0
Separate Photocopier	7.4	1.2	1.4	1.2	0.9	0.9	1.7	13.4
Telephone Answering Machine	65.7	10.5	11.8	11.2	8.5	8.7	15.0	4.9

¹ New construction for 2001 includes only those housing units built and occupied between January and the April-August period when the household interviews were conducted.

² These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

Table HC7-3a. Home Office Equipment by Household Income, Million U.S. Households, 2001

Home Office Equipment	Total	2001 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$14,999	\$15,000 to \$29,999	\$30,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.4	1.9	1.2	1.0	0.6	1.9	0.9	
Total	107.0	18.7	22.9	27.1	38.3	15.0	47.6	3.0
Households Using Office Equipment	96.2	13.2	19.8	25.5	37.7	10.7	38.8	3.2
Personal Computers²	60.0	3.7	8.7	16.0	31.6	3.7	17.4	4.6
Number of Desktop PCs								
1	45.1	2.8	7.1	12.8	22.4	2.8	13.6	5.1
2 or more	9.1	0.6	0.7	1.7	6.2	0.6	2.2	13.0
Number of Laptop PCs								
1	12.0	0.5	1.4	2.5	7.6	0.4	2.6	12.0
2 or more	2.2	Q	0.2	0.3	1.6	Q	0.4	30.7
Have Access to Internet	50.7	2.8	6.6	13.1	28.3	2.7	13.5	5.2
Hours PCs Turned On Each Week								
Less than 2 hours	10.3	0.8	2.1	3.1	4.3	0.7	3.7	10.6
2 to 15 hours	26.3	1.7	4.0	7.4	13.2	1.7	8.0	6.6
16 to 40 hours	12.2	0.5	1.2	3.1	7.4	0.6	3.0	10.9
More than 40 hours	5.7	0.4	0.5	1.4	3.4	0.4	1.4	16.2
On All the time	5.6	0.3	0.9	1.0	3.4	0.3	1.3	17.2
How PC is Used								
15 hours a Week or Less	36.6	2.5	6.1	10.5	17.4	2.4	11.7	5.6
16 hours a Week or More	23.4	1.3	2.6	5.5	14.2	1.3	5.7	8.2
Personal Use Only	14.0	1.0	1.7	3.9	7.4	0.9	4.1	10.0
Business Use Only	2.1	Q	Q	0.3	1.6	Q	0.3	24.4
Both Personal and Business	7.3	Q	0.7	1.3	5.1	0.3	1.4	16.0
Business Use of PC								
Other Business Use	5.8	0.2	0.6	1.0	4.0	0.3	1.2	17.1
Used for Telecommuting	3.6	Q	0.3	0.5	2.8	Q	0.4	25.4
1 to 4 Days per Week	2.0	Q	Q	0.2	1.7	Q	Q	32.6
5 to 7 Days per Week	1.6	Q	Q	0.3	1.1	Q	0.2	35.2
Printer								
Attached to PC	52.8	3.0	7.0	14.1	28.7	3.0	14.7	5.1
With Built-in Fax/Copier	12.6	0.5	1.3	3.0	7.7	0.5	3.1	11.3
Without Built-in Fax/Copier	40.2	2.5	5.6	11.0	21.0	2.4	11.6	5.6
Other Office Equipment								
Cell/Mobile Telephone	56.8	4.4	8.6	14.7	29.1	4.0	17.0	4.6
Cordless Telephone	81.5	10.1	15.7	21.4	34.2	8.4	31.7	3.5
Separate Facsimile Machine	11.0	0.4	1.0	2.6	7.0	0.4	2.3	12.6
Separate Photocopier	7.4	0.4	1.0	1.7	4.2	0.4	2.3	13.5
Telephone Answering Machine	65.7	7.0	11.9	17.6	29.1	5.3	22.7	3.8

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

² These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

**Table HC7-4a. Home Office Equipment by Type of Housing Unit,
Million U.S. Households, 2001**

Home Office Equipment	Total	Type of Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.4	0.5	1.7	1.5	2.2	
Total	107.0	73.7	9.5	17.0	6.8	4.1
Households Using Office Equipment	96.2	68.2	8.5	13.8	5.8	4.5
Personal Computers ¹	60.0	46.4	4.1	6.8	2.7	5.9
Number of Desktop PCs						
1	45.1	34.4	3.3	5.2	2.2	6.3
2 or more	9.1	7.7	0.3	0.8	0.3	15.0
Number of Laptop PCs						
1	12.0	9.4	0.8	1.4	0.3	12.6
2 or more	2.2	1.9	Q	Q	Q	34.5
Have Access to Internet	50.7	39.6	3.3	5.8	2.0	6.4
Hours PCs Turned On Each Week						
Less than 2 hours	10.3	7.4	1.0	1.2	0.7	12.3
2 to 15 hours	26.3	20.8	1.5	2.9	1.1	8.1
16 to 40 hours	12.2	9.6	0.8	1.3	0.5	11.6
More than 40 hours	5.7	4.6	0.3	0.6	Q	18.0
On All the time	5.6	4.0	0.5	0.7	0.4	16.0
How PC is Used						
15 hours a Week or Less	36.6	28.2	2.5	4.1	1.7	7.1
16 hours a Week or More	23.4	18.2	1.6	2.6	1.0	9.3
Personal Use Only	14.0	10.6	1.0	1.7	0.7	10.8
Business Use Only	2.1	1.8	Q	0.2	Q	26.1
Both Personal and Business	7.3	5.9	0.5	0.7	0.2	15.4
Business Use of PC						
Other Business Use	5.8	4.6	0.3	0.8	0.2	17.1
Used for Telecommuting	3.6	3.1	0.3	0.2	Q	24.5
1 to 4 Days per Week	2.0	1.7	Q	Q	Q	36.7
5 to 7 Days per Week	1.6	1.4	Q	Q	Q	41.1
Printer						
Attached to PC	52.8	42.1	3.3	5.2	2.2	6.4
With Built-in Fax/Copier	12.6	10.3	0.7	1.2	0.4	11.5
Without Built-in Fax/Copier	40.2	31.8	2.6	4.0	1.8	7.3
Other Office Equipment						
Cell/Mobile Telephone	56.8	43.0	4.0	7.0	2.8	5.7
Cordless Telephone	81.5	59.6	6.4	10.6	4.8	4.8
Separate Facsimile Machine	11.0	9.4	0.6	0.7	0.3	15.3
Separate Photocopier	7.4	6.2	0.5	0.3	0.3	15.0
Telephone Answering Machine	65.7	48.6	5.2	8.6	3.3	5.1

¹ These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

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

Table HC7-5a. Home Office Equipment by Type of Owner-Occupied Housing Unit, Million U.S. Households, 2001

Home Office Equipment	Total Owner-Occupied Units	Type of Owner-Occupied Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.3	0.3	2.1	3.0	1.6	
Total	72.7	63.2	2.1	1.8	5.7	6.7
Households Using Office Equipment	67.5	59.0	2.0	1.7	4.8	7.0
Personal Computers ¹	45.7	41.1	1.3	0.9	2.4	8.6
Number of Desktop PCs						
1	34.1	30.5	1.0	0.7	1.9	9.7
2 or more	7.4	7.0	Q	Q	0.2	18.4
Number of Laptop PCs						
1	9.1	8.4	Q	0.2	0.3	17.9
2 or more	1.9	1.7	Q	Q	Q	48.1
Have Access to Internet	38.9	35.3	1.0	0.7	1.9	9.1
Hours PCs Turned On Each Week						
Less than 2 hours	7.7	6.6	0.4	Q	0.5	18.7
2 to 15 hours	20.4	18.4	0.4	0.4	1.0	11.8
16 to 40 hours	9.4	8.6	0.2	Q	0.4	16.5
More than 40 hours	4.3	4.0	Q	Q	Q	25.6
On All the time	4.0	3.5	Q	Q	0.3	25.0
How PC is Used						
15 hours a Week or Less	28.0	25.1	0.8	0.6	1.5	10.5
16 hours a Week or More	17.7	16.1	0.4	0.3	0.9	13.3
Personal Use Only	10.2	9.1	0.3	Q	0.6	15.9
Business Use Only	1.8	1.6	Q	Q	Q	35.9
Both Personal and Business	5.7	5.3	Q	Q	Q	24.1
Business Use of PC						
Other Business Use	4.6	4.2	Q	Q	0.2	24.9
Used for Telecommuting	2.9	2.7	Q	Q	Q	38.3
1 to 4 Days per Week	1.6	1.6	Q	Q	Q	39.6
5 to 7 Days per Week	1.3	1.2	Q	Q	Q	62.0
Printer						
Attached to PC	41.6	37.8	1.0	0.7	2.0	9.3
With Built-in Fax/Copier	10.4	9.4	0.4	0.3	0.3	14.9
Without Built-in Fax/Copier	31.2	28.4	0.7	0.5	1.7	11.4
Other Office Equipment						
Cell/Mobile Telephone	41.9	37.8	1.0	0.7	2.4	9.3
Cordless Telephone	58.8	52.0	1.4	1.3	4.1	7.6
Separate Facsimile Machine	9.3	8.5	0.3	Q	0.3	21.1
Separate Photocopier	6.3	5.6	0.3	Q	0.3	18.9
Telephone Answering Machine	48.6	43.3	1.4	1.1	2.8	8.7

¹ These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

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

**Table HC7-6a. Home Office Equipment by Type of Rented Housing Unit,
Million U.S. Households, 2001**

Home Office Equipment	Total Rented Units	Type of Rented Housing Unit				RSE Row Factors
		Single-Family	Apartments in Buildings With		Mobile Home	
			Two to Four Units	Five or More Units		
RSE Column Factor:	0.5	0.8	1.0	0.9	3.0	
Total	34.3	10.5	7.4	15.2	1.1	6.9
Households Using Office Equipment	28.7	9.2	6.5	12.1	0.9	7.5
Personal Computers ¹	14.3	5.3	2.9	5.9	0.3	10.7
Number of Desktop PCs						
1	11.0	4.0	2.4	4.4	0.3	11.4
2 or more	1.7	0.7	0.2	0.7	Q	30.8
Number of Laptop PCs						
1	2.9	1.0	0.6	1.2	Q	20.5
2 or more	0.3	Q	Q	Q	Q	60.7
Have Access to Internet	11.8	4.3	2.3	5.1	Q	11.4
Hours PCs Turned On Each Week						
Less than 2 hours	2.7	0.8	0.6	1.1	Q	20.2
2 to 15 hours	5.9	2.3	1.1	2.5	Q	14.7
16 to 40 hours	2.7	1.0	0.6	1.1	Q	22.7
More than 40 hours	1.4	0.6	0.2	0.5	Q	31.8
On All the time	1.6	0.5	0.4	0.7	Q	27.3
How PC is Used						
15 hours a Week or Less	8.6	3.1	1.7	3.6	Q	12.9
16 hours a Week or More	5.8	2.1	1.2	2.3	Q	16.1
Personal Use Only	3.8	1.4	0.8	1.5	Q	18.5
Business Use Only	0.4	Q	Q	Q	Q	49.8
Both Personal and Business	1.6	0.6	0.3	0.7	Q	26.6
Business Use of PC						
Other Business Use	1.3	0.4	0.2	0.7	Q	30.5
Used for Telecommuting	0.7	0.3	Q	0.2	Q	53.3
1 to 4 Days per Week	0.4	Q	Q	Q	Q	82.3
5 to 7 Days per Week	0.3	Q	Q	Q	Q	54.7
Printer						
Attached to PC	11.2	4.3	2.3	4.4	Q	11.9
With Built-in Fax/Copier	2.3	0.9	0.4	0.9	Q	22.2
Without Built-in Fax/Copier	9.0	3.4	1.9	3.5	Q	12.9
Other Office Equipment						
Cell/Mobile Telephone	14.9	5.2	3.0	6.3	0.4	11.1
Cordless Telephone	22.7	7.7	5.0	9.3	0.7	8.2
Separate Facsimile Machine	1.7	0.9	0.3	0.4	Q	24.4
Separate Photocopier	1.1	0.6	0.2	0.3	Q	32.0
Telephone Answering Machine	17.0	5.3	3.7	7.5	0.5	9.2

¹ These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

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

**Table HC7-7a. Home Office Equipment by Four Most Populated States,
Million U.S. Households, 2001**

Home Office Equipment	Total U.S.	Four Most Populated States				RSE Row Factors
		New York	California	Texas	Florida	
RSE Column Factor:	0.4	1.1	1.0	1.5	1.5	
Total	107.0	7.1	12.3	7.7	6.3	NE
Households Using Office Equipment	96.2	6.2	11.4	6.7	5.9	1.7
Personal Computers¹	60.0	3.4	7.9	4.1	3.8	4.4
Number of Desktop PCs						
1	45.1	2.8	5.6	3.0	2.9	5.2
2 or more	9.1	0.4	1.5	0.5	0.6	15.1
Number of Laptop PCs						
1	12.0	0.7	1.8	1.0	0.9	8.7
2 or more	2.2	Q	0.2	Q	Q	32.7
Have Access to Internet	50.7	3.1	6.8	3.4	3.1	5.2
Hours PCs Turned On Each Week						
Less than 2 hours	10.3	0.7	1.3	0.7	1.0	13.5
2 to 15 hours	26.3	1.5	3.6	1.8	1.3	7.8
16 to 40 hours	12.2	0.7	1.8	0.7	0.6	13.4
More than 40 hours	5.7	0.3	0.6	0.5	0.5	17.8
On All the time	5.6	0.2	0.6	0.5	0.4	25.3
How PC is Used						
15 hours a Week or Less	36.6	2.2	4.9	2.5	2.3	6.7
16 hours a Week or More	23.4	1.2	3.0	1.6	1.5	10.1
Personal Use Only	14.0	0.5	1.7	1.0	0.7	14.5
Business Use Only	2.1	Q	0.3	0.2	0.1	21.0
Both Personal and Business	7.3	0.6	1.0	0.4	0.7	19.1
Business Use of PC						
Other Business Use	5.8	0.4	0.9	0.3	0.4	17.9
Used for Telecommuting	3.6	0.3	0.4	0.3	Q	20.9
1 to 4 Days per Week	2.0	0.2	0.2	0.2	Q	23.9
5 to 7 Days per Week	1.6	Q	0.2	0.2	Q	34.1
Printer						
Attached to PC	52.8	3.0	6.8	3.7	3.2	5.4
With Built-in Fax/Copier	12.6	1.0	1.4	1.1	0.8	11.3
Without Built-in Fax/Copier	40.2	1.9	5.4	2.6	2.4	7.3
Other Office Equipment						
Cell/Mobile Telephone	56.8	3.5	7.1	4.2	3.9	3.7
Cordless Telephone	81.5	5.0	9.4	5.6	4.9	2.5
Separate Facsimile Machine	11.0	0.9	1.9	0.9	1.0	15.9
Separate Photocopier	7.4	0.5	0.8	0.6	0.3	17.1
Telephone Answering Machine	65.7	4.9	8.0	3.8	3.8	4.2

¹ These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

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

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

**Table HC7-8a. Home Office Equipment by Urban/Rural Location,
Million U.S. Households, 2001**

Home Office Equipment	Total	Urban/Rural Location ¹				RSE Row Factors
		City	Town	Suburbs	Rural	
RSE Column Factor:	0.5	0.9	1.3	1.2	1.4	
Total	107.0	49.9	18.0	21.2	17.9	4.1
Households Using Office Equipment	96.2	43.9	16.0	20.2	16.1	4.1
Personal Computers²	60.0	25.6	9.3	15.0	10.1	4.7
Number of Desktop PCs						
1	45.1	19.3	7.3	10.7	7.9	5.3
2 or more	9.1	3.5	1.2	3.2	1.1	9.8
Number of Laptop PCs						
1	12.0	5.4	1.7	3.4	1.6	9.6
2 or more	2.2	0.7	0.3	0.9	0.4	23.4
Have Access to Internet	50.7	21.3	7.9	13.3	8.3	4.9
Hours PCs Turned On Each Week						
Less than 2 hours	10.3	4.4	1.6	2.3	2.0	9.8
2 to 15 hours	26.3	11.6	4.3	6.1	4.3	6.3
16 to 40 hours	12.2	4.9	1.9	3.2	2.2	9.9
More than 40 hours	5.7	2.4	0.7	1.8	0.8	13.2
On All the time	5.6	2.3	0.8	1.5	0.9	13.6
How PC is Used						
15 hours a Week or Less	36.6	16.0	5.9	8.4	6.3	5.5
16 hours a Week or More	23.4	9.6	3.5	6.5	3.9	7.2
Personal Use Only	14.0	5.8	2.1	3.5	2.6	9.6
Business Use Only	2.1	0.7	0.4	0.7	0.3	19.0
Both Personal and Business	7.3	3.0	1.0	2.4	1.0	12.3
Business Use of PC						
Other Business Use	5.8	2.6	0.8	1.5	0.9	12.8
Used for Telecommuting	3.6	1.1	0.5	1.6	0.4	17.5
1 to 4 Days per Week	2.0	0.5	0.3	1.0	0.2	23.7
5 to 7 Days per Week	1.6	0.6	0.3	0.6	0.2	25.6
Printer						
Attached to PC	52.8	22.1	7.9	13.7	9.1	5.0
With Built-in Fax/Copier	12.6	5.2	1.8	3.4	2.2	8.8
Without Built-in Fax/Copier	40.2	16.9	6.1	10.3	6.9	5.6
Other Office Equipment						
Cell/Mobile Telephone	56.8	24.7	8.7	13.9	9.5	4.5
Cordless Telephone	81.5	36.2	13.5	17.9	13.8	4.5
Separate Facsimile Machine	11.0	4.4	1.5	3.2	1.9	9.9
Separate Photocopier	7.4	2.8	1.2	1.7	1.6	11.5
Telephone Answering Machine	65.7	28.4	11.3	14.9	11.0	4.2

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

² These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

**Table HC7-9a. Home Office Equipment by Northeast Census Region,
Million U.S. Households, 2001**

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	1.2	
Total	107.0	20.3	14.8	5.4	NE
Households Using Office Equipment	96.2	17.9	12.8	5.0	1.3
Personal Computers¹	60.0	10.9	7.7	3.3	3.1
Number of Desktop PCs					
1	45.1	8.7	6.2	2.5	3.7
2 or more	9.1	1.4	0.9	0.5	12.9
Number of Laptop PCs					
1	12.0	2.3	1.6	0.7	7.3
2 or more	2.2	0.3	Q	Q	27.7
Have Access to Internet	50.7	9.7	6.8	3.0	3.7
Hours PCs Turned On Each Week					
Less than 2 hours	10.3	1.6	1.2	0.4	9.2
2 to 15 hours	26.3	5.3	3.7	1.6	4.1
16 to 40 hours	12.2	2.3	1.6	0.7	9.0
More than 40 hours	5.7	1.0	0.7	0.4	17.3
On All the time	5.6	0.7	0.5	0.2	19.5
How PC is Used					
15 hours a Week or Less	36.6	6.9	4.9	2.0	3.2
16 hours a Week or More	23.4	4.0	2.7	1.3	8.4
Personal Use Only	14.0	2.2	1.4	0.8	11.9
Business Use Only	2.1	0.4	0.3	0.2	23.6
Both Personal and Business	7.3	1.4	1.1	0.3	13.5
Business Use of PC					
Other Business Use	5.8	1.1	0.8	0.3	15.1
Used for Telecommuting	3.6	0.8	0.6	0.2	19.9
1 to 4 Days per Week	2.0	0.4	0.3	Q	22.7
5 to 7 Days per Week	1.6	0.4	0.3	Q	27.7
Printer					
Attached to PC	52.8	9.4	6.6	2.8	3.9
With Built-in Fax/Copier	12.6	3.0	2.3	0.6	8.3
Without Built-in Fax/Copier	40.2	6.4	4.3	2.2	3.8
Other Office Equipment					
Cell/Mobile Telephone	56.8	10.3	7.4	2.9	3.5
Cordless Telephone	81.5	14.8	10.6	4.2	2.2
Separate Facsimile Machine	11.0	2.3	1.6	0.7	9.8
Separate Photocopier	7.4	1.5	1.2	0.3	14.3
Telephone Answering Machine	65.7	13.9	10.2	3.7	2.4

¹ These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

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

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

Table HC7-10a. Home Office Equipment by Midwest Census Region, Million U.S. Households, 2001

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	1.2	1.6	
Total	107.0	24.5	17.1	7.4	NE
Households Using Office Equipment	96.2	22.4	15.7	6.7	1.3
Personal Computers¹	60.0	14.1	9.9	4.2	3.7
Number of Desktop PCs					
1	45.1	10.4	7.2	3.2	3.7
2 or more	9.1	2.3	1.6	0.7	10.1
Number of Laptop PCs					
1	12.0	2.4	1.8	0.6	15.6
2 or more	2.2	0.4	0.3	Q	24.1
Have Access to Internet	50.7	11.8	8.4	3.4	4.5
Hours PCs Turned On Each Week					
Less than 2 hours	10.3	2.5	1.8	0.7	10.6
2 to 15 hours	26.3	5.8	4.0	1.8	6.3
16 to 40 hours	12.2	2.8	2.2	0.6	10.0
More than 40 hours	5.7	1.4	0.8	0.6	16.5
On All the time	5.6	1.5	1.1	0.5	12.4
How PC is Used					
15 hours a Week or Less	36.6	8.3	5.9	2.5	4.7
16 hours a Week or More	23.4	5.8	4.0	1.7	6.8
Personal Use Only	14.0	4.0	2.8	1.2	8.8
Business Use Only	2.1	0.3	Q	Q	25.4
Both Personal and Business	7.3	1.5	1.0	0.5	13.8
Business Use of PC					
Other Business Use	5.8	1.1	0.8	0.4	16.3
Used for Telecommuting	3.6	0.6	0.4	Q	16.7
1 to 4 Days per Week	2.0	0.4	0.3	Q	17.3
5 to 7 Days per Week	1.6	Q	Q	Q	32.5
Printer					
Attached to PC	52.8	12.3	8.7	3.6	4.3
With Built-in Fax/Copier	12.6	2.4	1.6	0.8	12.1
Without Built-in Fax/Copier	40.2	9.9	7.2	2.8	5.1
Other Office Equipment					
Cell/Mobile Telephone	56.8	12.8	8.8	4.1	4.0
Cordless Telephone	81.5	19.3	13.6	5.8	1.9
Separate Facsimile Machine	11.0	1.5	1.0	0.5	11.3
Separate Photocopier	7.4	2.1	1.5	0.6	12.9
Telephone Answering Machine	65.7	15.8	11.1	4.7	3.1

¹ These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

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

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

**Table HC7-11a. Home Office Equipment by South Census Region,
Million U.S. Households, 2001**

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:	0.5	0.8	1.2	1.3	1.6	
Total	107.0	38.9	20.3	6.8	11.8	NE
Households Using Office Equipment	96.2	34.6	18.4	6.0	10.1	1.2
Personal Computers ¹	60.0	20.7	11.7	3.2	5.8	4.0
Number of Desktop PCs						
1	45.1	15.5	8.6	2.6	4.3	4.9
2 or more	9.1	3.1	2.0	0.4	0.7	9.6
Number of Laptop PCs						
1	12.0	4.2	2.5	0.5	1.2	12.3
2 or more	2.2	1.0	0.5	Q	0.4	29.6
Have Access to Internet	50.7	16.9	9.6	2.6	4.7	4.7
Hours PCs Turned On Each Week						
Less than 2 hours	10.3	3.8	2.2	0.6	0.9	12.4
2 to 15 hours	26.3	8.8	4.9	1.3	2.6	6.6
16 to 40 hours	12.2	3.9	2.1	0.8	1.0	13.6
More than 40 hours	5.7	2.0	1.3	Q	0.6	12.5
On All the time	5.6	2.2	1.1	0.4	0.6	16.5
How PC is Used						
15 hours a Week or Less	36.6	12.6	7.1	1.9	3.6	5.6
16 hours a Week or More	23.4	8.1	4.5	1.3	2.2	7.2
Personal Use Only	14.0	4.5	2.2	0.8	1.4	10.9
Business Use Only	2.1	0.9	0.4	0.2	Q	20.9
Both Personal and Business	7.3	2.7	1.9	0.3	0.5	15.3
Business Use of PC						
Other Business Use	5.8	2.1	1.4	0.3	0.4	14.3
Used for Telecommuting	3.6	1.5	1.0	0.2	0.4	24.7
1 to 4 Days per Week	2.0	0.8	0.6	Q	Q	36.0
5 to 7 Days per Week	1.6	0.7	0.4	Q	Q	36.7
Printer						
Attached to PC	52.8	18.3	10.2	2.9	5.2	4.5
With Built-in Fax/Copier	12.6	4.7	2.9	0.6	1.2	10.3
Without Built-in Fax/Copier	40.2	13.6	7.3	2.2	4.0	5.5
Other Office Equipment						
Cell/Mobile Telephone	56.8	21.4	11.5	3.7	6.2	3.4
Cordless Telephone	81.5	29.5	16.1	5.1	8.3	2.0
Separate Facsimile Machine	11.0	4.1	2.4	0.6	1.1	12.1
Separate Photocopier	7.4	2.2	0.8	0.6	0.8	10.8
Telephone Answering Machine	65.7	21.3	11.9	3.6	5.8	2.9

¹ These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

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

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

**Table HC7-12a. Home Office Equipment by West Census Region,
Million U.S. Households, 2001**

Home Office Equipment	Total U.S.	West Census Region			RSE Row Factors
		Total	Census Division		
			Mountain	Pacific	
RSE Column Factor:	0.5	1.0	1.6	1.2	
Total	107.0	23.3	6.7	16.6	NE
Households Using Office Equipment	96.2	21.4	6.2	15.2	1.0
Personal Computers¹	60.0	14.3	4.0	10.4	3.7
Number of Desktop PCs					
1	45.1	10.5	3.0	7.5	4.1
2 or more	9.1	2.4	0.5	1.9	9.3
Number of Laptop PCs					
1	12.0	3.1	0.9	2.2	9.3
2 or more	2.2	0.5	Q	0.3	23.2
Have Access to Internet	50.7	12.2	3.3	9.0	4.3
Hours PCs Turned On Each Week					
Less than 2 hours	10.3	2.4	0.6	1.8	10.5
2 to 15 hours	26.3	6.3	1.8	4.6	4.7
16 to 40 hours	12.2	3.2	0.8	2.4	10.9
More than 40 hours	5.7	1.3	0.4	0.8	14.0
On All the time	5.6	1.2	0.3	0.8	17.9
How PC is Used					
15 hours a Week or Less	36.6	8.7	2.4	6.3	5.2
16 hours a Week or More	23.4	5.6	1.6	4.0	7.6
Personal Use Only	14.0	3.3	1.0	2.4	9.9
Business Use Only	2.1	0.6	0.2	0.4	18.6
Both Personal and Business	7.3	1.7	0.4	1.2	12.2
Business Use of PC					
Other Business Use	5.8	1.5	0.4	1.1	11.9
Used for Telecommuting	3.6	0.7	0.2	0.5	16.0
1 to 4 Days per Week	2.0	0.4	Q	0.3	21.4
5 to 7 Days per Week	1.6	0.3	Q	0.2	28.0
Printer					
Attached to PC	52.8	12.8	3.7	9.1	4.0
With Built-in Fax/Copier	12.6	2.5	0.7	1.8	8.6
Without Built-in Fax/Copier	40.2	10.2	3.0	7.2	5.3
Other Office Equipment					
Cell/Mobile Telephone	56.8	12.3	3.3	9.0	3.6
Cordless Telephone	81.5	17.8	5.3	12.6	1.3
Separate Facsimile Machine	11.0	3.0	0.7	2.4	12.1
Separate Photocopier	7.4	1.6	0.4	1.2	12.5
Telephone Answering Machine	65.7	14.6	3.9	10.7	3.4

¹ These numbers could include a combination of Desktop and Laptop personal computers.

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

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

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

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

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