

**Table 3.20a. Light Usage by Census Region and Climate Zone,
Million U.S. Households, 1993**

Light Usage	Total	Census Region				Climate Zone					RSE Row Factors
		Northeast	Midwest	South	West	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	Few- er than 4,000 HDD		
RSE Column Factor:	0.4	0.8	0.8	0.6	0.8	2.4	1.4	1.3	1.4	1.1	
Total	96.6	19.5	23.3	33.5	20.4	8.7	26.5	22.5	17.8	21.2	6.6
Indoor Electric Lights											
Total Number Lights											
1 to 4 Hours											
None	9.6	2.1	1.5	3.6	2.4	0.7	2.3	1.9	2.2	2.5	10.9
1	22.1	4.2	5.5	8.0	4.4	2.2	6.2	4.7	4.2	4.9	7.8
2	27.4	5.7	6.2	9.5	6.1	2.3	7.4	6.5	5.2	6.1	7.0
3	16.8	3.6	4.4	5.5	3.3	1.7	5.0	3.8	2.6	3.6	8.8
4	9.2	1.7	2.2	3.3	1.9	0.8	2.2	2.6	1.7	1.9	10.8
5 or More	11.5	2.3	3.4	3.5	2.3	1.0	3.5	3.0	1.8	2.2	11.1
4 to 12 Hours											
None	13.4	2.0	2.2	5.9	3.3	0.9	2.5	2.6	3.4	4.1	10.2
1	20.8	4.4	5.2	7.0	4.2	1.8	6.0	5.1	3.7	4.3	6.9
2	26.4	5.7	6.8	8.3	5.6	2.5	8.1	6.4	4.7	4.8	5.9
3	16.7	3.5	4.5	5.5	3.3	2.0	4.7	3.8	2.4	3.8	7.2
4	9.2	1.8	2.1	3.1	2.1	0.8	2.6	2.1	1.7	2.0	8.9
5 or More	10.0	2.0	2.5	3.7	1.9	0.7	2.7	2.6	1.9	2.2	10.1
More than 12 Hours per Day											
None	66.4	14.0	16.1	20.9	15.3	6.5	18.5	14.9	12.6	14.0	4.7
1	16.6	3.2	3.7	6.8	3.0	1.2	4.3	4.4	2.9	3.9	9.0
2	7.6	1.4	2.0	3.2	1.0	0.6	2.2	1.9	1.2	1.8	11.4
3	3.3	0.5	0.8	1.5	0.5	0.2	0.9	0.8	0.6	0.9	14.8
4	1.5	0.3	0.4	0.6	0.3	0.1	0.4	0.4	0.3	0.3	23.1
5 or More	1.2	0.2	0.3	0.5	0.2	Q	0.3	0.2	0.3	0.3	26.8
Incandescent Lights Used											
1 to 4 Hours per Day											
None	14.8	3.1	2.8	5.4	3.4	1.1	3.7	2.9	3.3	3.8	9.0
1	24.4	4.7	5.7	9.0	5.0	2.4	6.6	5.5	4.5	5.5	7.6
2	25.3	5.1	5.9	8.7	5.6	2.3	7.0	5.7	4.6	5.7	6.7
3	15.3	3.2	4.1	5.1	3.0	1.5	4.4	3.8	2.6	3.1	9.0
4	7.5	1.5	1.7	2.6	1.7	0.7	1.7	2.1	1.6	1.4	11.1
5 or More	9.4	2.0	3.0	2.7	1.7	0.8	3.1	2.5	1.3	1.7	12.4
4 to 12 Hours per Day											
None	17.4	3.0	3.1	7.0	4.3	1.4	3.5	3.5	4.1	4.9	8.6
1	24.5	5.1	6.0	8.5	5.0	2.2	6.8	5.8	4.3	5.5	6.9
2	25.8	5.5	6.6	8.6	5.2	2.4	7.7	6.2	4.4	5.2	5.8
3	13.9	2.9	4.1	4.1	2.7	1.6	4.3	3.4	2.2	2.4	8.2
4	7.4	1.6	1.6	2.6	1.6	0.6	2.1	1.7	1.3	1.7	10.9
5 or More	7.5	1.4	1.9	2.7	1.5	0.6	2.2	1.9	1.4	1.5	11.5
More than 12 Hours per Day											
None	70.4	14.6	17.2	22.6	16.0	6.9	19.6	15.6	13.3	15.1	4.3
1	15.7	3.2	3.2	6.7	2.6	1.0	3.9	4.4	2.7	3.7	9.6
2	6.3	1.0	2.0	2.4	1.0	0.5	1.9	1.5	1.1	1.4	11.2
3	2.4	0.5	0.5	1.1	0.4	0.1	0.6	0.6	0.4	0.7	17.7
4	1.0	Q	0.3	0.3	0.2	Q	0.2	0.2	0.2	0.2	25.8
5 or More	0.8	Q	0.2	0.3	Q	Q	0.2	0.2	0.2	0.2	26.9

See footnotes at end of table.

**Table 3.20b. Light Usage by Census Region and Climate Zone,
Percent of U.S. Households, 1993**

Light Usage	Total	Census Region				Climate Zone					RSE Row Factors
		Northeast	Midwest	South	West	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	Few- er than 4,000 HDD		
RSE Column Factor:	0.5	1.1	1.1	0.8	1.0	1.4	1.1	1.1	1.1	1.1	
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Indoor Electric Lights											
Total Number Lights											
1 to 4 Hours											
None	10.0	10.7	6.5	10.9	11.8	8.4	8.6	8.5	12.5	11.9	9.9
1	22.9	21.5	23.5	24.0	21.6	24.8	23.2	20.9	23.7	23.1	5.8
2	28.4	29.1	26.6	28.4	29.8	26.2	27.8	29.0	29.2	28.8	4.7
3	17.4	18.3	19.1	16.4	16.1	19.5	18.9	17.0	14.8	17.2	6.9
4	9.5	8.8	9.5	9.9	9.5	9.2	8.5	11.4	9.6	8.8	9.4
5 or More	11.9	11.6	14.7	10.4	11.2	11.8	13.1	13.2	10.3	10.3	9.1
4 to 12 Hours											
None	13.9	10.5	9.4	17.5	16.2	9.9	9.3	11.5	18.9	19.5	8.6
1	21.6	22.7	22.3	20.8	20.8	20.7	22.5	22.6	20.7	20.4	5.0
2	27.4	29.3	29.2	24.9	27.4	28.2	30.6	28.4	26.6	22.5	3.6
3	17.3	17.7	19.4	16.4	16.0	23.1	17.7	16.8	13.7	17.9	5.0
4	9.5	9.5	9.2	9.4	10.2	9.5	9.6	9.3	9.6	9.5	6.8
5 or More	10.4	10.3	10.5	11.0	9.3	8.6	10.2	11.4	10.5	10.2	8.2
More than 12 Hours per Day											
None	68.7	71.8	69.2	62.5	75.3	74.8	69.8	66.2	70.6	65.8	2.4
1	17.2	16.2	15.7	20.3	14.7	13.5	16.1	19.4	16.1	18.5	7.4
2	7.9	7.0	8.8	9.5	5.1	6.6	8.1	8.3	6.8	8.7	9.5
3	3.5	2.8	3.5	4.4	2.5	2.9	3.2	3.4	3.3	4.2	13.4
4	1.5	1.3	1.5	1.7	1.5	1.6	1.4	1.7	1.7	1.3	22.8
5 or More	1.2	0.9	1.2	1.6	1.0	Q	1.3	0.9	1.5	1.5	25.0
Incandescent Lights Used											
1 to 4 Hours per Day											
None	15.3	16.0	12.2	16.1	16.8	13.0	13.8	12.8	18.6	17.8	7.7
1	25.2	24.0	24.7	26.8	24.4	27.1	24.9	24.3	25.0	25.9	5.4
2	26.2	26.3	25.3	26.0	27.5	26.0	26.3	25.5	25.8	27.1	4.7
3	15.9	16.3	17.5	15.2	14.8	17.1	16.7	16.9	14.4	14.5	6.6
4	7.8	7.5	7.5	7.8	8.3	7.8	6.5	9.2	9.0	6.8	9.5
5 or More	9.7	10.0	12.9	8.1	8.2	9.0	11.7	11.3	7.1	8.0	10.4
4 to 12 Hours per Day											
None	18.0	15.3	13.3	20.9	21.2	15.7	13.2	15.5	23.1	23.2	7.0
1	25.4	26.4	25.6	25.2	24.6	25.3	25.6	25.7	24.2	25.8	4.9
2	26.7	28.0	28.1	25.7	25.5	27.2	29.0	27.4	24.9	24.4	3.8
3	14.4	15.1	17.8	12.4	13.4	18.6	16.0	15.3	12.6	11.3	6.2
4	7.7	8.0	7.0	7.7	8.1	6.7	7.9	7.5	7.4	8.2	8.9
5 or More	7.8	7.3	8.2	8.1	7.4	6.5	8.1	8.5	7.8	7.1	9.8
More than 12 Hours per Day											
None	72.9	75.0	73.7	67.5	78.7	79.4	74.1	69.2	74.5	71.2	2.1
1	16.3	16.3	13.8	20.0	13.0	11.6	14.7	19.7	15.1	17.5	8.2
2	6.6	5.1	8.4	7.2	4.7	5.3	7.3	6.6	6.2	6.4	9.4
3	2.5	2.4	2.0	3.2	1.9	1.7	2.2	2.8	2.0	3.1	16.5
4	1.0	Q	1.1	1.0	1.1	Q	0.8	0.9	1.3	0.9	24.8
5 or More	0.8	Q	0.9	1.0	Q	Q	0.9	0.7	0.9	0.8	26.5

See footnotes at end of table.

Table 3.20a. Light Usage by Census Region and Climate Zone, Million U.S. Households, 1993 (Continued)

Light Usage	Total	Census Region				Climate Zone					RSE Row Factors
		Northeast	Midwest	South	West	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:	0.4	0.8	0.8	0.6	0.8	2.4	1.4	1.3	1.4	1.1	
Fluorescent Lights Used											
1 to 4 Hours per Day											
None	75.5	15.4	18.2	26.2	15.8	6.8	20.9	18.0	14.0	15.9	4.1
1	16.1	3.2	3.8	5.5	3.5	1.4	4.2	3.6	2.9	4.0	8.4
2	3.8	0.7	0.9	1.4	0.8	0.4	1.0	0.7	0.6	1.0	12.9
3 or More	1.2	0.2	0.3	0.4	0.2	0.1	0.4	0.3	0.2	0.3	24.5
4 to 12 Hours per Day											
None	75.1	14.7	18.7	25.7	15.9	6.5	21.3	17.8	13.8	15.8	4.1
1	15.9	3.7	3.1	5.6	3.5	1.6	3.9	3.5	3.1	3.8	8.3
2	4.3	0.8	1.1	1.7	0.7	0.5	1.0	0.8	0.7	1.2	12.8
3 or More	1.4	0.3	0.4	0.5	0.2	0.1	0.3	0.4	0.2	0.4	22.6
More than 12 Hours per Day											
None	88.2	18.0	21.3	29.7	19.2	8.1	24.2	20.8	16.3	18.9	3.7
1	6.7	1.2	1.6	3.0	0.9	0.5	1.9	1.3	1.2	1.9	14.6
2	1.1	0.2	0.3	0.5	Q	Q	0.3	0.2	0.2	0.3	25.8
3 or More	0.6	Q	Q	0.3	Q	Q	Q	Q	0.1	0.2	32.4
Compact Fluorescent Light Bulbs Used											
Yes	8.6	2.1	2.2	2.3	2.0	1.1	2.5	1.8	1.5	1.6	10.2
No	88.1	17.4	21.1	31.2	18.3	7.6	24.0	20.6	16.2	19.6	4.5
Halogen Light Bulbs Used											
Yes	11.2	2.6	2.3	3.5	2.8	0.9	3.0	2.6	2.1	2.6	8.8
No	85.4	16.9	21.0	30.0	17.6	7.8	23.4	19.8	15.7	18.6	3.9
Outdoor Lights											
Yes (more than one may apply)											
Evening Only	25.9	5.4	6.3	8.8	5.5	2.6	7.1	5.6	4.9	5.8	8.3
All Night	16.6	1.6	3.9	6.9	4.2	0.7	4.5	3.5	3.0	4.9	8.7
Automatic Control	18.2	3.0	4.9	6.6	3.7	1.7	5.4	3.9	2.9	4.3	8.6
High Intensity	3.2	0.6	0.8	1.4	0.5	0.2	0.7	0.7	0.6	0.9	24.2
All Wattage Less than 150	31.5	5.6	7.4	10.8	7.7	4.0	7.2	6.6	6.6	7.0	9.8
Gas Light ¹	0.5	Q	Q	0.3	Q	Q	Q	Q	Q	0.2	37.3
No	33.1	8.7	7.8	10.6	6.0	2.2	9.9	9.3	5.7	6.0	8.5

¹ Gas includes LPG and natural gas.

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 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

Table 3.20b. Light Usage by Census Region and Climate Zone, Percent of U.S. Households, 1993 (Continued)

Light Usage	Total	Census Region				Climate Zone					RSE Row Factors
		Northeast	Midwest	South	West	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:	0.5	1.1	1.1	0.8	1.0	1.4	1.1	1.1	1.1	1.1	
Fluorescent Lights Used											
1 to 4 Hours per Day											
None	78.2	78.8	78.1	78.1	77.7	78.2	78.8	80.0	78.9	74.9	1.6
1	16.6	16.5	16.5	16.5	17.2	15.8	15.8	15.8	16.5	18.9	6.4
2	3.9	3.4	4.0	4.1	4.1	4.7	3.9	3.1	3.4	4.9	12.0
3 or More	1.3	1.3	1.4	1.3	1.0	1.4	1.5	1.1	1.1	1.3	24.1
4 to 12 Hours per Day											
None	77.7	75.7	80.4	76.7	78.0	74.2	80.3	79.1	77.7	74.3	1.7
1	16.4	18.8	13.4	16.7	17.1	18.2	14.7	15.6	17.3	18.1	6.9
2	4.4	4.0	4.6	5.0	3.7	6.2	3.7	3.5	4.0	5.9	11.2
3 or More	1.5	1.5	1.5	1.6	1.2	1.3	1.3	1.8	1.1	1.7	21.8
More than 12 Hours per Day											
None	91.3	92.4	91.5	88.6	94.3	92.6	91.4	92.6	91.5	89.1	1.1
1	6.9	6.0	6.7	9.0	4.6	5.5	7.0	5.9	6.7	8.8	12.7
2	1.1	1.2	1.2	1.5	Q	Q	1.0	1.1	1.0	1.3	24.5
3 or More	0.6	Q	Q	0.9	Q	Q	Q	Q	0.8	0.8	31.3
Compact Fluorescent Light Bulbs Used											
Yes	8.9	10.5	9.2	7.0	9.9	13.0	9.4	8.1	8.7	7.4	9.5
No	91.1	89.5	90.8	93.0	90.1	87.0	90.6	91.9	91.3	92.6	1.2
Halogen Light Bulbs Used											
Yes	11.6	13.3	9.9	10.6	13.8	10.7	11.5	11.6	11.5	12.4	8.1
No	88.4	86.7	90.1	89.4	86.2	89.3	88.5	88.4	88.5	87.6	1.1
Outdoor Lights											
Yes (more than one may apply)											
Evening Only	26.9	27.6	26.9	26.2	27.2	29.7	26.8	24.8	27.6	27.2	6.0
All Night	17.2	8.1	16.9	20.6	20.5	8.6	17.0	15.5	16.6	23.1	7.2
Automatic Control	18.8	15.4	21.0	19.7	18.3	19.3	20.5	17.5	16.0	20.4	6.8
High Intensity	3.3	2.9	3.2	4.1	2.3	2.6	2.7	3.2	3.6	4.1	22.9
All Wattage Less than 150	32.6	28.7	31.8	32.2	37.8	46.3	27.2	29.3	37.3	33.1	8.1
Gas Light ¹	0.6	Q	Q	0.9	Q	Q	Q	Q	Q	0.9	31.9
No	34.2	44.7	33.5	31.6	29.5	25.4	37.4	41.4	31.8	28.4	6.7

¹ Gas includes LPG and natural gas.

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 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

**Table 3.21a. Light Usage by Type and Ownership of Housing Unit,
Million U.S. Households, 1993**

Light Usage	Type and Ownership of Housing Unit													RSE Row Factors
	Total	Single-Family						Multifamily			Mobile Home			
		Total	Own	Rent	Two to Four Units			Five or More Units			Total	Own	Rent	
					Total	Own	Rent	Total	Own	Rent				
RSE Column Factor:	0.3	0.3	0.4	0.8	1.2	2.1	1.3	0.9	3.0	0.9	1.3	1.5	2.3	
Total	96.6	66.8	55.8	11.0	8.0	1.5	6.5	16.2	1.6	14.7	5.6	4.4	1.2	5.8
Indoor Electric Lights														
Total Number Lights														
1 to 4 Hours														
None	9.6	6.4	5.4	0.9	0.8	Q	0.6	1.8	0.2	1.6	0.7	0.5	0.2	15.6
1	22.1	13.2	10.4	2.8	2.4	0.4	2.0	4.9	0.4	4.5	1.6	1.2	0.4	9.2
2	27.4	18.4	15.0	3.3	2.3	0.4	1.9	5.1	0.5	4.6	1.7	1.3	0.4	9.3
3	16.8	11.9	10.1	1.8	1.3	0.3	1.0	2.6	0.2	2.4	1.0	0.8	0.2	12.1
4	9.2	7.4	6.4	1.0	0.6	0.1	0.4	0.9	Q	0.8	0.4	0.3	0.1	15.9
5 or More	11.5	9.6	8.4	1.2	0.6	0.2	0.5	1.0	Q	0.9	0.2	0.2	Q	18.4
4 to 12 Hours														
None	13.4	8.2	6.3	1.9	1.4	0.2	1.2	2.9	0.2	2.7	0.9	0.7	0.3	12.5
1	20.8	12.1	9.5	2.6	2.4	0.4	1.9	4.9	0.4	4.6	1.4	1.1	0.3	9.4
2	26.4	18.1	15.1	3.0	2.0	0.3	1.6	4.8	0.5	4.3	1.6	1.2	0.4	8.6
3	16.7	12.4	10.6	1.8	1.5	0.3	1.2	1.9	0.2	1.7	0.9	0.8	0.2	10.8
4	9.2	7.4	6.5	0.9	0.5	0.2	0.3	0.9	Q	0.8	0.3	0.3	Q	14.4
5 or More	10.0	8.6	7.7	0.9	0.3	Q	0.2	0.8	Q	0.6	0.4	0.3	Q	18.1
More than 12 Hours per Day														
None	66.4	44.6	36.9	7.7	5.7	1.1	4.6	12.3	1.2	11.1	3.8	2.9	0.8	6.6
1	16.6	11.7	9.9	1.7	1.5	0.2	1.2	2.5	0.2	2.3	1.0	0.8	0.2	12.0
2	7.6	5.8	4.8	1.0	0.5	Q	0.4	0.9	Q	0.8	0.5	0.4	Q	16.0
3	3.3	2.7	2.4	0.3	0.2	Q	0.1	0.3	Q	0.2	0.2	0.2	Q	24.9
4	1.5	1.2	1.0	0.2	Q	Q	Q	0.2	Q	0.2	Q	Q	Q	35.6
5 or More	1.2	1.0	0.8	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	43.7
Incandescent Lights Used														
1 to 4 Hours per Day														
None	14.8	10.1	8.5	1.6	1.1	0.2	0.9	2.6	0.4	2.2	0.9	0.7	0.2	12.6
1	24.4	14.9	12.1	2.8	2.5	0.5	2.0	5.4	0.3	5.0	1.6	1.3	0.3	9.1
2	25.3	16.9	13.8	3.2	2.3	0.4	1.9	4.4	0.4	4.0	1.7	1.3	0.4	9.3
3	15.3	11.2	9.7	1.6	1.1	0.2	0.9	2.2	0.2	2.0	0.8	0.7	0.2	12.7
4	7.5	5.9	4.9	1.0	0.5	Q	0.4	0.7	Q	0.6	0.3	0.3	Q	17.8
5 or More	9.4	7.7	6.8	1.0	0.5	Q	0.4	0.9	Q	0.8	0.2	0.2	Q	19.8
4 to 12 Hours per Day														
None	17.4	10.7	8.4	2.3	1.9	0.3	1.7	3.6	0.3	3.3	1.1	0.9	0.3	11.3
1	24.5	15.2	12.4	2.7	2.4	0.4	2.0	5.5	0.4	5.1	1.5	1.1	0.4	9.4
2	25.8	18.2	15.0	3.2	1.8	0.3	1.4	4.2	0.5	3.7	1.6	1.2	0.3	9.1
3	13.9	10.4	9.1	1.3	1.3	0.3	1.0	1.5	Q	1.4	0.8	0.6	0.1	11.9
4	7.4	5.8	5.0	0.7	0.5	Q	0.3	0.8	Q	0.7	0.3	0.3	Q	17.2
5 or More	7.5	6.5	5.8	0.7	0.2	Q	0.2	0.5	Q	0.5	0.3	0.3	Q	21.3
More than 12 Hours per Day														
None	70.4	47.8	39.8	8.0	5.9	1.1	4.8	12.8	1.3	11.5	3.9	3.0	0.9	6.4
1	15.7	11.0	9.3	1.7	1.3	0.2	1.1	2.4	0.2	2.2	1.0	0.8	0.2	12.8
2	6.3	4.7	3.9	0.8	0.5	Q	0.4	0.7	Q	0.6	0.4	0.3	Q	16.1
3	2.4	1.9	1.7	0.2	0.2	Q	Q	0.2	Q	0.2	0.2	0.2	Q	29.4
4	1.0	0.7	0.6	Q	Q	Q	Q	0.1	Q	Q	Q	Q	Q	42.0
5 or More	0.8	0.6	0.5	0.2	Q	Q	Q	Q	Q	Q	Q	Q	Q	48.8

See footnotes at end of table.

**Table 3.21b. Light Usage by Type and Ownership of Housing Unit,
Percent of U.S. Households, 1993**

Light Usage	Type and Ownership of Housing Unit													RSE Row Factors	
	Total	Single-Family						Multifamily			Mobile Home				
		Total	Own	Rent	Two to Four Units		Five or More Units	Total	Own	Rent	Total	Own	Rent		
					Total	Own	Rent								Total
RSE Column Factor:	0.3	0.4	0.4	0.9	1.1	2.2	1.3	0.8	2.6	0.9	1.2	1.4	2.3		
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0
Indoor Electric Lights															
Total Number Lights															
1 to 4 Hours															
None	10.0	9.5	9.7	8.4	9.6	Q	9.7	11.2	14.8	10.9	12.2	11.7	14.0	14.5	
1	22.9	19.8	18.7	25.2	30.0	27.7	30.6	30.0	23.5	30.7	29.0	28.3	31.9	7.4	
2	28.4	27.5	26.9	30.3	29.3	27.2	29.8	31.3	31.5	31.3	29.6	29.3	31.0	7.0	
3	17.4	17.8	18.2	16.0	16.3	17.3	16.1	15.9	13.5	16.1	17.9	18.8	14.6	10.7	
4	9.5	11.0	11.5	8.8	7.2	8.4	6.9	5.3	Q	5.2	7.0	6.6	8.2	15.1	
5 or More	11.9	14.4	15.0	11.3	7.6	10.1	7.0	6.3	Q	5.8	4.3	5.3	Q	17.6	
4 to 12 Hours															
None	13.9	12.2	11.2	17.3	17.3	11.4	18.6	18.1	14.6	18.5	16.3	14.9	21.6	11.0	
1	21.6	18.1	17.1	23.3	29.4	28.5	29.6	30.5	25.1	31.0	25.6	24.8	28.5	7.4	
2	27.4	27.1	27.0	27.5	24.5	21.0	25.3	29.2	31.5	29.0	28.7	28.2	30.7	6.8	
3	17.3	18.5	19.0	15.9	18.8	21.8	18.1	11.9	12.1	11.9	16.4	17.1	13.5	9.0	
4	9.5	11.1	11.7	8.1	6.5	13.0	5.1	5.6	Q	5.3	6.0	7.0	Q	14.0	
5 or More	10.4	12.9	13.9	7.8	3.5	Q	3.3	4.6	Q	4.3	7.0	7.9	Q	16.7	
More than 12 Hours per Day															
None	68.7	66.7	66.2	69.5	71.1	71.4	71.0	75.8	76.5	75.7	68.0	66.9	72.2	3.3	
1	17.2	17.4	17.8	15.7	18.3	16.6	18.7	15.2	13.0	15.4	18.4	18.8	17.0	10.6	
2	7.9	8.6	8.6	9.0	6.4	Q	6.8	5.4	Q	5.2	9.0	9.1	Q	15.1	
3	3.5	4.0	4.3	2.5	2.8	Q	2.3	1.6	Q	1.6	3.1	3.5	Q	24.6	
4	1.5	1.8	1.8	1.4	Q	Q	Q	1.3	Q	1.3	Q	Q	Q	34.2	
5 or More	1.2	1.5	1.4	1.9	Q	Q	Q	Q	Q	Q	Q	Q	Q	39.4	
Incandescent Lights Used															
1 to 4 Hours per Day															
None	15.3	15.1	15.3	14.4	14.0	12.8	14.3	16.3	27.3	15.1	15.8	15.1	18.5	11.1	
1	25.2	22.2	21.7	25.1	31.1	31.0	31.1	33.1	22.5	34.2	29.1	28.9	29.5	7.4	
2	26.2	25.4	24.7	28.7	28.2	25.6	28.8	27.3	25.2	27.5	30.2	29.3	33.4	6.9	
3	15.9	16.8	17.3	14.1	13.7	14.9	13.4	13.4	12.7	13.5	15.1	15.5	13.5	11.3	
4	7.8	8.9	8.9	9.1	6.6	Q	5.9	4.4	Q	4.4	5.9	6.2	Q	16.9	
5 or More	9.7	11.6	12.2	8.6	6.4	Q	6.5	5.5	Q	5.2	4.0	4.9	Q	19.0	
4 to 12 Hours per Day															
None	18.0	16.1	15.1	21.0	24.1	17.6	25.6	22.0	20.5	22.1	20.3	19.6	22.8	9.5	
1	25.4	22.7	22.3	24.8	29.7	26.9	30.3	34.1	27.6	34.8	26.2	24.5	32.5	7.4	
2	26.7	27.3	26.9	29.2	22.3	23.4	22.0	26.0	32.8	25.3	28.4	28.1	29.3	7.3	
3	14.4	15.5	16.3	11.9	16.0	21.2	14.8	9.4	Q	9.7	13.8	14.6	10.9	10.3	
4	7.7	8.7	9.1	6.7	5.7	Q	4.9	5.2	Q	4.8	5.6	6.7	Q	16.7	
5 or More	7.8	9.7	10.4	6.3	2.3	Q	2.4	3.4	Q	3.3	5.8	6.5	Q	19.9	
More than 12 Hours per Day															
None	72.9	71.5	71.4	72.3	74.1	75.5	73.8	78.7	80.8	78.4	70.3	69.1	74.5	3.0	
1	16.3	16.5	16.7	15.5	16.6	14.6	17.1	14.7	9.8	15.2	18.0	18.9	14.6	11.3	
2	6.6	7.1	7.0	7.5	6.1	Q	6.2	4.3	Q	3.9	7.5	7.2	Q	15.4	
3	2.5	2.8	3.0	1.9	2.1	Q	Q	1.1	Q	1.1	3.1	3.4	Q	29.2	
4	1.0	1.1	1.1	Q	Q	Q	Q	0.8	Q	Q	Q	Q	Q	39.0	
5 or More	0.8	0.9	0.8	1.6	Q	Q	Q	Q	Q	Q	Q	Q	Q	44.1	

See footnotes at end of table.

**Table 3.21a. Light Usage by Type and Ownership of Housing Unit,
Million U.S. Households, 1993 (Continued)**

Light Usage	Type and Ownership of Housing Unit												RSE Row Factors	
	Total	Single-Family			Multifamily			Mobile Home						
		Total	Own	Rent	Two to Four Units		Five or More Units		Total	Own	Rent			
					Total	Own	Rent	Total				Own		Rent
RSE Column Factor:	0.3	0.3	0.4	0.8	1.2	2.1	1.3	0.9	3.0	0.9	1.3	1.5	2.3	
Fluorescent Lights Used														
1 to 4 Hours per Day														
None	75.5	50.7	41.8	8.9	6.7	1.1	5.6	13.2	1.1	12.1	4.9	3.9	1.0	6.5
1	16.1	11.9	10.2	1.7	1.0	0.3	0.7	2.6	0.3	2.2	0.6	0.4	0.1	12.3
2	3.8	3.1	2.7	0.4	0.2	Q	0.2	0.4	Q	0.3	Q	Q	Q	24.9
3 or More	1.2	1.1	1.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	40.8
4 to 12 Hours per Day														
None	75.1	50.1	40.9	9.2	6.6	1.2	5.4	13.5	1.2	12.3	4.9	3.9	1.1	6.1
1	15.9	11.9	10.5	1.4	1.1	0.2	0.9	2.3	0.3	2.0	0.5	0.4	Q	12.3
2	4.3	3.6	3.2	0.4	0.2	Q	Q	0.3	Q	0.3	0.2	0.1	Q	23.6
3 or More	1.4	1.2	1.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	37.7
More than 12 Hours per Day														
None	88.2	60.1	49.8	10.3	7.6	1.4	6.2	15.2	1.4	13.8	5.3	4.2	1.1	6.0
1	6.7	5.2	4.6	0.6	0.4	Q	0.3	0.9	Q	0.8	0.2	0.2	Q	20.9
2	1.1	0.9	0.8	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	44.5
3 or More	0.6	0.5	0.5	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	57.0
Compact Fluorescent Light Bulbs Used														
Yes	8.6	7.1	6.4	0.7	0.4	Q	0.2	0.9	0.2	0.7	0.2	0.2	Q	16.3
No	88.1	59.7	49.4	10.3	7.6	1.4	6.3	15.3	1.4	13.9	5.3	4.2	1.2	5.9
Halogen Light Bulbs Used														
Yes	11.2	8.6	7.6	1.0	0.7	0.3	0.4	1.6	0.2	1.4	0.3	0.2	Q	14.7
No	85.4	58.2	48.2	10.0	7.3	1.2	6.1	14.6	1.4	13.3	5.3	4.2	1.1	6.0
Outdoor Lights														
Yes (more than one may apply)	63.5	50.5	42.9	7.6	4.7	1.2	3.6	4.5	0.3	4.1	3.8	3.1	0.7	7.3
Evening Only	25.9	21.5	18.4	3.2	1.7	0.5	1.1	1.1	Q	1.0	1.6	1.3	0.3	10.6
All Night	16.6	13.1	10.9	2.2	1.1	0.2	0.9	1.6	Q	1.5	0.8	0.7	0.1	13.2
Automatic Control	18.2	15.6	14.5	1.1	0.9	0.4	0.5	0.8	Q	0.7	1.0	0.9	Q	13.1
High Intensity	3.2	2.8	2.6	0.2	Q	Q	Q	Q	Q	Q	0.2	0.2	Q	32.8
All Wattage Less than 150	31.5	23.9	19.7	4.2	3.1	0.5	2.6	2.6	0.2	2.3	1.9	1.4	0.5	11.0
Gas Light ¹	0.5	0.5	0.5	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	58.3
No	33.1	16.3	12.9	3.4	3.3	0.3	3.0	11.8	1.2	10.6	1.7	1.3	0.4	10.0

¹ Gas includes LPG and natural gas.

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 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

Table 3.21b. Light Usage by Type and Ownership of Housing Unit, Percent of U.S. Households, 1993 (Continued)

Light Usage	Type and Ownership of Housing Unit												RSE Row Factors	
	Total	Single-Family			Multifamily			Mobile Home						
		Total	Own	Rent	Two to Four Units		Five or More Units		Total	Own	Rent			
					Total	Own	Rent	Total				Own		Rent
RSE Column Factor:	0.3	0.4	0.4	0.9	1.1	2.2	1.3	0.8	2.6	0.9	1.2	1.4	2.3	
Fluorescent Lights Used														
1 to 4 Hours per Day														
None	78.2	75.9	74.9	80.7	84.0	76.7	85.7	81.5	70.5	82.6	87.9	88.3	86.4	2.3
1	16.6	17.8	18.2	15.6	12.6	21.7	10.5	15.8	22.2	15.2	10.6	10.1	12.4	11.8
2	3.9	4.6	4.9	3.4	3.1	Q	3.4	2.3	Q	2.1	Q	Q	Q	23.9
3 or More	1.3	1.7	2.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	36.4
4 to 12 Hours per Day														
None	77.7	75.0	73.4	83.1	82.1	80.6	82.4	83.2	75.2	84.0	88.1	87.6	89.9	2.1
1	16.4	17.9	18.9	12.7	14.3	13.5	14.5	14.4	19.5	13.8	8.4	8.6	Q	11.3
2	4.4	5.3	5.7	3.4	2.5	Q	Q	2.1	Q	1.9	2.8	3.1	Q	23.3
3 or More	1.5	1.8	2.0	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	32.8
More than 12 Hours per Day														
None	91.3	90.0	89.3	93.6	95.0	92.8	95.5	93.5	92.6	93.6	95.4	94.7	97.7	1.2
1	6.9	7.8	8.3	5.3	4.6	Q	4.5	5.4	Q	5.4	4.0	4.4	Q	20.3
2	1.1	1.4	1.5	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	39.3
3 or More	0.6	0.8	0.9	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	50.9
Compact Fluorescent Light Bulbs Used														
Yes	8.9	10.6	11.4	6.6	4.5	Q	3.5	5.5	10.1	5.1	4.0	5.0	Q	15.4
No	91.1	89.4	88.6	93.4	95.5	91.1	96.5	94.5	89.9	94.9	96.0	95.0	99.5	1.0
Halogen Light Bulbs Used														
Yes	11.6	12.9	13.6	9.4	9.3	20.1	6.9	9.9	10.7	9.8	5.3	5.5	Q	13.8
No	88.4	87.1	86.4	90.6	90.7	79.9	93.1	90.1	89.3	90.2	94.7	94.5	95.2	1.4
Outdoor Lights														
Yes (more than one may apply)	65.8	75.6	76.9	69.2	58.9	77.4	54.7	27.6	22.2	28.2	68.7	70.2	63.0	4.9
Evening Only	26.9	32.3	32.9	28.8	20.9	35.4	17.6	6.8	Q	6.8	29.1	29.1	29.4	8.9
All Night	17.2	19.6	19.6	19.7	13.7	15.1	13.4	9.6	Q	10.1	15.1	16.3	10.7	12.0
Automatic Control	18.8	23.3	25.9	10.1	11.1	24.6	8.0	4.7	Q	4.9	17.5	20.5	Q	12.3
High Intensity	3.3	4.1	4.6	1.5	Q	Q	Q	Q	Q	Q	4.2	5.3	Q	31.8
All Wattage Less than 150	32.6	35.8	35.3	38.2	38.7	36.2	39.2	15.7	15.0	15.8	34.5	32.6	41.7	9.5
Gas Light ¹	0.6	0.8	0.9	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	51.2
No	34.2	24.4	23.1	30.8	41.1	22.6	45.3	72.4	77.8	71.8	31.3	29.8	37.0	6.9

¹ Gas includes LPG and natural gas.

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 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)

**Table 3.22. Light Usage by Type of Bulb,
U.S. Households and Lights, 1993**

Housing Unit and Household Characteristics	Total Households (millions)	Lights Used One or More Hours Per Day								RSE Row Factors
		Total Lights (millions)	Average per Household	Incandescent Lights (millions)			Fluorescent Lights (millions)			
				1 to 4 Hours	4 to 12 Hours	More than 12 Hours	1 to 4 Hours	4 to 12 Hours	More than 12 Hours	
RSE Column Factor:	0.7	0.7	0.4	0.8	0.8	1.4	1.5	1.5	2.4	
Total	96.6	522.6	5.4	212.4	196.6	44.1	28.2	29.9	11.4	2.1
Census Region and Division										
Northeast	19.5	107.5	5.5	44.1	41.7	7.9	5.6	6.3	1.9	4.7
New England	5.1	28.8	5.7	11.0	11.7	2.5	1.3	1.7	0.5	9.5
Middle Atlantic	14.4	78.7	5.5	33.1	30.0	5.4	4.3	4.5	1.4	5.4
Midwest	23.3	132.3	5.7	55.3	49.8	10.7	6.8	6.8	2.8	4.9
East North Central	16.4	95.5	5.8	40.2	35.0	7.7	5.5	5.0	2.1	5.9
West North Central	6.9	36.8	5.3	15.1	14.9	3.0	1.3	1.8	0.7	7.4
South	33.5	180.0	5.4	70.1	65.9	18.0	10.0	10.9	5.1	3.3
South Atlantic	17.4	92.1	5.3	34.6	34.2	8.7	5.6	6.2	2.7	4.5
East South Central	6.0	33.2	5.5	13.3	12.4	3.2	1.5	1.8	0.9	5.8
West South Central	10.1	54.7	5.4	22.1	19.3	6.0	2.9	2.9	1.5	6.8
West	20.4	102.7	5.0	42.8	39.2	7.4	5.8	5.9	1.6	4.3
Mountain	5.4	26.2	4.9	11.0	10.1	1.8	1.5	1.4	0.3	8.3
Pacific	15.0	76.6	5.1	31.8	29.0	5.6	4.3	4.5	1.3	4.9
Climate Zone										
Under 2,000 CDD and--										
Over 7,000 HDD	8.7	46.8	5.4	19.3	17.6	3.2	2.6	3.2	0.9	15.2
5,500 to 7,000 HDD	26.5	148.4	5.6	60.9	57.6	11.8	7.7	7.1	3.2	9.0
4,000 to 5,499 HDD	22.5	127.3	5.7	53.6	47.7	11.1	6.0	6.7	2.2	8.8
Under 4,000 HDD	17.8	89.4	5.0	35.6	33.7	7.8	4.9	5.3	2.1	9.6
2,000 CDD or More and --										
Under 4,000 HDD	21.2	110.7	5.2	42.9	40.0	10.2	7.0	7.6	3.1	7.5
Heated Floorspace Category (square feet)										
Fewer than 600	7.5	25.8	3.4	11.6	9.5	1.7	1.3	1.2	0.4	10.5
600 to 999	21.8	90.5	4.1	39.1	33.6	8.3	4.1	3.9	1.5	4.9
1,000 to 1,599	27.8	141.4	5.1	57.9	52.4	12.5	7.5	7.6	3.4	4.5
1,600 to 1,999	12.4	71.4	5.8	28.1	26.9	6.2	3.8	4.8	1.6	6.0
2,000 to 2,399	9.6	62.4	6.5	24.8	23.4	4.9	3.8	4.1	1.4	6.9
2,400 to 2,999	8.2	54.8	6.7	20.5	21.2	5.4	3.1	3.4	1.2	7.2
3,000 or More	9.3	76.3	8.2	30.3	29.5	5.2	4.6	5.0	1.9	8.2
Observed Location of Household										
City	44.7	226.3	5.1	93.1	84.2	18.6	13.3	12.9	4.3	3.4
Town	15.8	79.4	5.0	32.9	29.7	6.9	3.9	4.3	1.7	7.9
Suburbs	19.9	125.1	6.3	51.0	47.8	10.4	5.7	7.2	3.1	6.1
Rural or Open Country	16.2	91.7	5.6	35.4	35.0	8.2	5.3	5.5	2.3	8.0
Ownership of Unit										
Owned	63.2	373.4	5.9	147.6	141.9	30.6	21.4	23.1	8.8	2.7
Rented	33.4	149.1	4.5	64.7	54.7	13.5	6.9	6.8	2.6	4.3

See footnotes at end of table.

**Table 3.22. Light Usage by Type of Bulb,
U.S. Households and Lights, 1993 (Continued)**

Housing Unit and Household Characteristics	Total Households (millions)	Lights Used One or More Hours Per Day								RSE Row Factors
		Total Lights (millions)	Average per Household	Incandescent Lights (millions)			Fluorescent Lights (millions)			
				1 to 4 Hours	4 to 12 Hours	More than 12 Hours	1 to 4 Hours	4 to 12 Hours	More than 12 Hours	
RSE Column Factor:	0.7	0.7	0.4	0.8	0.8	1.4	1.5	1.5	2.4	
Type and Ownership of Housing Unit										
Single-Family Detached	59.6	356.6	6.0	141.9	134.9	29.8	20.0	21.5	8.5	3.0
Owned	51.3	314.4	6.1	124.1	119.6	25.4	18.1	19.5	7.7	3.2
Rented	8.2	42.2	5.1	17.8	15.3	4.4	1.9	2.0	0.8	8.7
Single-Family Attached	7.2	37.8	5.2	15.7	13.7	3.1	2.4	2.3	0.7	10.8
Owned	4.4	23.8	5.4	9.3	8.4	2.0	1.7	1.8	0.6	13.0
Rented	2.8	14.0	5.0	6.4	5.2	1.1	0.7	0.5	0.1	13.9
Multifamily (2 to 4 units)	8.0	35.1	4.4	15.4	12.6	3.2	1.6	1.8	0.5	9.6
Owned	1.5	7.3	4.9	3.0	2.7	0.6	0.4	0.4	Q	16.5
Rented	6.5	27.8	4.3	12.3	9.9	2.6	1.2	1.4	0.3	10.4
Multifamily (5 or more units)	16.2	68.0	4.2	29.2	25.2	5.3	3.5	3.3	1.5	7.4
Owned	1.6	7.3	4.7	2.9	2.7	0.5	0.6	0.6	Q	26.5
Rented	14.7	60.7	4.1	26.3	22.5	4.9	2.9	2.7	1.4	7.5
Mobile Home	5.6	25.0	4.5	10.2	10.2	2.6	0.8	0.9	0.3	11.3
Owned	4.4	20.6	4.7	8.3	8.5	2.2	0.6	0.7	0.3	12.6
Rented	1.2	4.4	3.8	1.9	1.7	0.5	0.2	0.2	Q	19.3
Year of Construction										
1939 or Before	20.4	104.4	5.1	42.7	38.3	8.7	5.8	6.4	2.4	6.3
1940 to 1949	6.9	35.1	5.1	14.4	12.6	3.8	1.9	1.7	0.8	10.0
1950 to 1959	13.1	72.0	5.5	28.6	27.4	6.4	3.7	3.9	1.9	6.9
1960 to 1969	15.0	79.2	5.3	31.6	30.0	6.6	4.4	4.3	2.2	6.8
1970 to 1979	18.1	99.2	5.5	39.9	38.6	8.0	5.3	5.5	1.9	6.0
1980 to 1984	8.5	48.4	5.7	19.6	17.5	4.7	2.8	2.9	0.8	7.9
1985 to 1987	5.5	30.3	5.5	12.8	11.5	2.0	1.6	2.0	0.4	10.9
1988 to 1990	4.7	27.7	5.9	11.6	10.6	2.3	1.3	1.4	0.6	9.3
1991 to 1993 ¹	4.5	26.3	5.9	11.0	10.0	1.6	1.3	1.8	0.5	11.4
Total Number of Rooms (Excluding Bathrooms)										
1 or 2	3.2	10.2	3.2	4.6	3.8	0.6	0.5	0.5	Q	18.1
3 to 5	47.4	210.3	4.4	88.8	78.0	18.1	11.2	10.2	4.0	3.6
6 to 8	40.2	250.4	6.2	99.4	94.6	21.2	13.6	15.9	5.7	3.6
9 or More	5.8	51.7	8.8	19.6	20.2	4.1	3.0	3.3	1.5	10.1
Bedrooms										
None or 1	12.9	46.5	3.6	21.0	17.1	3.3	2.3	2.0	0.8	8.2
2	30.0	135.2	4.5	55.5	50.3	11.7	7.8	7.4	2.6	4.7
3	38.5	222.5	5.8	89.9	84.3	18.8	11.2	13.6	4.6	3.4
4 or More	15.2	118.3	7.8	46.0	44.9	10.3	7.0	6.9	3.3	6.1
Other Rooms (Excluding Bathrooms)										
None or 1	4.4	16.3	3.7	6.8	6.2	1.2	0.8	1.0	0.3	13.1
2	35.6	160.2	4.5	68.7	59.7	13.9	7.7	7.2	3.0	4.2
3	31.7	168.8	5.3	68.4	63.4	14.2	9.4	9.7	3.7	4.2
4	16.3	106.9	6.6	41.4	41.0	9.1	5.7	6.7	2.9	5.1
5 or More	8.7	70.4	8.1	27.1	26.2	5.7	4.5	5.2	1.6	8.0

See footnotes at end of table.

**Table 3.22. Light Usage by Type of Bulb,
U.S. Households and Lights, 1993 (Continued)**

Housing Unit and Household Characteristics	Total Households (millions)	Lights Used One or More Hours Per Day								RSE Row Factors
		Total Lights (millions)	Average per Household	Incandescent Lights (millions)			Fluorescent Lights (millions)			
				1 to 4 Hours	4 to 12 Hours	More than 12 Hours	1 to 4 Hours	4 to 12 Hours	More than 12 Hours	
RSE Column Factor:	0.7	0.7	0.4	0.8	0.8	1.4	1.5	1.5	2.4	
Full Bathrooms										
None or 1	61.6	287.8	4.7	120.6	107.6	25.5	14.1	14.5	5.6	3.1
2	30.9	196.2	6.3	77.3	74.0	15.4	11.7	12.9	4.8	4.0
3 or More	4.1	38.6	9.4	14.5	15.0	3.2	2.4	2.5	1.0	11.5
Half Bathrooms										
None	71.5	358.4	5.0	148.5	132.3	30.1	19.3	20.3	7.9	2.6
1	23.9	155.6	6.5	60.2	61.5	13.2	8.4	9.0	3.3	5.0
2 or More	1.2	8.6	7.1	3.7	2.7	0.8	0.6	0.5	0.2	18.9
Number of Stories										
Single-Family Homes	66.8	394.4	5.9	157.6	148.6	32.9	22.3	23.9	9.2	2.7
1 Story	40.6	218.1	5.4	86.3	80.7	19.4	12.8	13.5	5.4	3.7
2 Stories	22.4	146.8	6.6	59.4	56.2	11.1	8.2	8.7	3.2	5.2
3 Stories	1.6	14.3	8.8	5.5	5.9	1.3	0.7	0.8	0.2	20.6
Split-Level	2.2	14.8	6.9	6.2	5.6	1.1	0.6	0.9	0.4	15.7
Other	Q	Q	10.6	Q	Q	Q	Q	Q	Q	Q
Mobile Homes	5.6	25.0	4.5	10.2	10.2	2.6	0.8	0.9	0.3	11.3
Multi-Story Apartment Building	24.2	103.1	4.3	44.6	37.8	8.6	5.1	5.1	1.9	5.7
Lighting										
Indoor Light Usage										
1 to 4 Hours a Day										
Yes	87.0	493.3	5.7	212.4	176.8	38.5	28.2	27.0	10.4	2.3
No	9.6	29.3	3.0	Q	19.8	5.6	Q	2.9	1.0	7.6
4 to 12 Hours a Day										
Yes	83.2	487.8	5.9	187.3	196.6	38.8	25.1	29.9	10.2	2.3
No	13.4	34.7	2.6	25.0	Q	5.3	3.1	Q	1.2	6.2
More than 12 Hours a Day										
Yes	30.3	209.4	6.9	67.2	68.5	44.1	8.8	9.5	11.4	3.9
No	66.4	313.1	4.7	145.2	128.1	Q	19.5	20.4	Q	2.7
Compact Fluorescent Light Bulbs Used										
Yes	8.6	55.3	6.5	18.9	17.6	4.1	5.2	7.2	2.4	6.7
No	88.1	467.2	5.3	193.4	179.0	40.0	23.1	22.7	9.0	2.3
Halogen Light Bulbs Used										
Yes	11.2	72.8	6.5	28.3	27.0	5.7	4.9	5.1	1.8	6.1
No	85.4	449.8	5.3	184.1	169.6	38.4	23.3	24.8	9.6	2.3
1993 Family Income Category										
Less than \$5,000	4.1	15.3	3.8	6.1	6.0	1.8	0.6	0.6	0.3	11.6
\$5,000 to \$9,999	10.6	38.8	3.7	17.1	12.9	4.2	2.2	1.6	0.8	7.3
\$10,000 to \$14,999	11.1	47.9	4.3	20.2	17.5	4.7	2.5	2.3	0.8	6.7
\$15,000 to \$19,999	9.6	46.8	4.9	18.6	17.6	4.5	2.4	2.7	1.1	7.5
\$20,000 to \$24,999	8.7	42.3	4.8	16.8	16.1	3.5	2.8	2.3	0.8	7.7
\$25,000 to \$34,999	14.1	77.2	5.5	31.5	28.8	6.7	4.0	4.2	1.9	6.1
\$35,000 to \$49,999	17.5	106.6	6.1	43.5	40.7	8.2	5.3	6.3	2.5	5.0
\$50,000 to \$74,999	12.6	83.3	6.6	34.0	30.9	6.0	4.7	5.8	1.9	5.8
\$75,000 or More	8.3	64.4	7.7	24.6	26.1	4.4	3.8	4.2	1.4	9.1

See footnotes at end of table.

**Table 3.22. Light Usage by Type of Bulb,
U.S. Households and Lights, 1993 (Continued)**

Housing Unit and Household Characteristics	Total Households (millions)	Lights Used One or More Hours Per Day								RSE Row Factors
		Total Lights (millions)	Average per Household	Incandescent Lights (millions)			Fluorescent Lights (millions)			
				1 to 4 Hours	4 to 12 Hours	More than 12 Hours	1 to 4 Hours	4 to 12 Hours	More than 12 Hours	
RSE Column Factor:	0.7	0.7	0.4	0.8	0.8	1.4	1.5	1.5	2.4	
Below Poverty Line										
100 Percent	14.4	59.2	4.1	25.5	20.8	6.9	2.7	2.4	1.0	6.1
125 Percent	19.4	81.9	4.2	34.9	28.9	9.4	3.8	3.4	1.6	5.3
Eligible for Federal Assistance²	30.7	132.1	4.3	55.2	48.2	13.8	6.6	5.8	2.4	4.4
Payment Method for Fuel and Electricity										
All Paid by Household	83.1	464.0	5.6	187.1	174.9	38.9	25.5	27.3	10.2	2.4
Some Paid, Some in Rent	8.3	36.2	4.4	16.0	13.0	3.3	1.6	1.5	0.9	8.8
All Included in Rent	4.1	15.9	3.9	6.9	6.0	1.1	0.8	0.9	0.2	13.0
Other Method	1.1	6.4	5.8	2.3	2.7	0.7	0.4	0.2	Q	33.8
Age of Householder										
Under 25 Years	5.7	25.5	4.5	11.1	9.8	2.2	1.2	0.9	0.3	10.8
25 to 34 Years	19.9	107.5	5.4	46.9	39.9	9.2	4.2	5.1	2.3	4.9
35 to 44 Years	21.4	134.6	6.3	57.2	50.8	10.5	6.6	7.2	2.4	4.3
45 to 59 Years	21.9	125.8	5.8	48.2	48.7	10.6	7.3	8.1	2.9	5.0
60 Years and Over	27.8	129.1	4.6	49.0	47.4	11.5	9.0	8.7	3.5	4.2
Race of Householder										
White	80.2	447.6	5.6	179.7	168.7	37.4	24.9	26.6	10.3	2.5
Black	10.9	47.4	4.3	21.3	17.2	4.6	2.0	1.7	0.6	8.2
Other ³	5.5	27.5	5.0	11.3	10.7	2.0	1.3	1.6	0.5	10.9
Householder of Hispanic Descent										
Yes	7.9	35.3	4.5	16.0	12.9	2.4	1.9	1.6	0.6	9.5
No	88.7	487.2	5.5	196.4	183.7	41.7	26.3	28.2	10.9	2.3
Household Size										
1 Person	23.5	89.2	3.8	38.1	32.8	7.2	4.6	4.9	1.6	4.5
2 Persons	31.7	165.4	5.2	63.5	62.9	13.2	10.9	10.8	4.1	3.5
3 Persons	16.6	96.6	5.8	39.6	36.2	8.4	4.7	5.6	2.2	6.5
4 Persons	14.6	98.1	6.7	39.8	37.3	8.4	5.1	5.5	2.0	5.0
5 Persons	6.8	49.3	7.3	20.6	18.8	4.5	2.0	2.4	1.0	8.4
6 or More Persons	3.5	24.0	6.9	10.8	8.6	2.4	0.9	0.8	0.6	10.8

¹ Does not include all new construction for 1993.

² Below 150 percent of poverty line or 60 percent of median State income.

³ Includes 1.7 million householders who described themselves as Hispanic rather than White, Black, or other.

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 1993 Residential Energy Consumption Survey. (For specific titles of forms, see Appendix D.)