

**Table 5.11. U.S. Vehicles by Household Composition, 1994**  
(Million Vehicles)

1993 Household and 1994 Vehicle Characteristics	Households with Children				Households Without Children							RSE Row Factor:
	Total	Age of Oldest Child			Total	One Adult-- Age of Householder			Two or More Adults-- Age of Householder			
		Under 7 Years	7 to 15 Years	16 or 17 Years		Under 35 Years	35 to 59 Years	60 Years or Over	Under 35 Years	35 to 59 Years	60 Years or Over	
RSE Column Factor:	0.6	1.0	0.8	1.3	0.5	1.8	1.4	1.2	1.3	0.9	1.0	
Household Characteristics												
Total .....	64.6	17.1	32.3	15.2	92.2	4.1	7.6	7.9	13.8	33.9	24.9	5.6
Census Region and Division												
Northeast .....	10.9	3.2	4.9	2.7	15.7	0.7	1.3	1.3	2.1	5.7	4.6	11.6
New England .....	3.3	1.1	1.6	0.6	4.3	Q	Q	0.6	0.7	1.4	1.3	23.4
Middle Atlantic .....	7.6	2.1	3.3	2.2	11.4	0.6	1.0	0.7	1.4	4.3	3.3	12.9
Midwest .....	17.1	4.3	8.5	4.3	24.0	1.3	1.8	2.3	3.6	8.1	6.9	12.3
East North Central .....	12.2	2.9	5.9	3.4	16.8	0.8	1.3	1.6	2.4	6.4	4.3	14.3
West North Central .....	4.9	1.4	2.6	0.9	7.2	0.5	0.5	0.6	1.2	1.7	2.7	22.3
South .....	23.2	5.9	11.6	5.7	32.8	1.3	2.7	2.8	5.1	12.3	8.5	9.6
South Atlantic .....	10.6	3.1	4.8	2.7	17.9	0.5	1.5	1.4	3.0	6.9	4.5	14.6
East South Central .....	4.5	0.6	2.8	1.1	6.6	Q	0.5	0.5	1.1	2.3	2.0	18.0
West South Central .....	8.1	2.2	4.0	2.0	8.3	0.6	0.7	1.0	0.9	3.0	2.0	14.6
West .....	13.4	3.6	7.3	2.5	19.7	0.7	1.8	1.5	3.0	7.8	4.9	12.7
Mountain .....	4.5	1.3	2.7	0.5	5.3	Q	0.3	0.6	1.0	1.7	1.5	23.0
Pacific .....	8.9	2.3	4.6	2.0	14.4	0.5	1.5	0.9	2.0	6.2	3.4	14.9
Largest Populated States												
California .....	7.0	1.9	3.5	1.5	10.0	Q	0.9	0.5	1.3	4.1	2.8	18.4
Florida .....	3.5	1.3	1.4	0.7	5.3	Q	0.4	0.5	0.9	1.9	1.5	23.9
New York .....	3.2	1.0	1.4	0.8	4.6	Q	0.6	0.3	0.5	1.6	1.4	18.6
Texas .....	5.1	1.3	2.5	1.3	5.9	0.5	0.5	0.6	0.6	2.1	1.7	17.8
Urban Status												
Urban .....	49.1	13.6	24.1	11.5	70.3	3.3	6.4	5.0	11.7	25.9	17.9	6.8
Central City .....	15.8	5.3	7.7	2.8	24.2	1.6	2.4	1.9	4.3	8.2	6.0	11.9
Suburban .....	33.3	8.2	16.4	8.7	46.0	1.7	4.0	3.2	7.4	17.8	12.0	9.5
Rural .....	15.5	3.5	8.2	3.8	21.9	0.8	1.2	2.9	2.1	8.0	7.0	12.1
Household Size												
1 Person .....	Q	Q	Q	Q	19.5	4.1	7.6	7.9	Q	Q	Q	5.4
2 Persons .....	2.0	0.5	1.1	0.5	53.3	Q	Q	Q	11.4	21.3	20.6	12.6
3 Persons .....	18.6	7.7	7.2	3.6	13.2	Q	Q	Q	1.0	8.7	3.4	13.1
4 Persons .....	25.0	6.2	13.2	5.6	4.5	Q	Q	Q	0.7	3.0	0.8	17.4
5 Persons .....	13.0	1.8	8.1	3.0	1.4	Q	Q	Q	0.6	0.7	Q	24.2
6 or More Persons .....	6.1	0.8	2.7	2.6	Q	Q	Q	Q	Q	Q	Q	23.2
Race of Householder												
White .....	54.8	14.4	27.6	12.8	83.7	3.2	6.7	7.2	12.5	31.0	23.2	6.1
Black .....	5.8	1.5	3.0	1.3	5.4	0.5	0.5	0.5	0.7	1.7	1.4	21.5
Other .....	4.0	1.1	1.8	1.1	3.1	0.4	0.4	Q	0.6	1.2	Q	24.9
Hispanic Descent												
Yes .....	6.2	1.9	2.8	1.5	4.5	0.3	0.3	Q	1.0	1.7	0.9	22.2
No .....	58.5	15.2	29.5	13.7	87.6	3.7	7.2	7.7	12.8	32.2	24.0	5.9

See footnotes at end of table.

**Table 5.11. U.S. Vehicles by Household Composition, 1994 (Continued)**  
(Million Vehicles)

1993 Household and 1994 Vehicle Characteristics	Households with Children				Households Without Children							RSE Row Factor:
	Total	Age of Oldest Child			Total	One Adult-- Age of Householder			Two or More Adults-- Age of Householder			
		Under 7 Years	7 to 15 Years	16 or 17 Years		Under 35 Years	35 to 59 Years	60 Years or Over	Under 35 Years	35 to 59 Years	60 Years or Over	
RSE Column Factor:	0.6	1.0	0.8	1.3	0.5	1.8	1.4	1.2	1.3	0.9	1.0	
1993 Family Income												
Less than \$5,000 .....	1.0	0.4	0.3	Q	2.0	Q	Q	0.3	1.0	Q	Q	32.7
\$5,000 to \$9,999 .....	1.9	0.4	1.2	0.4	5.9	0.3	0.8	2.0	1.2	0.6	1.1	24.2
\$10,000 to \$14,999 .....	4.4	1.0	2.8	0.6	8.0	0.4	0.6	1.8	0.9	1.4	3.0	16.9
\$15,000 to \$19,999 .....	5.1	1.5	2.4	1.1	9.1	0.5	0.8	1.1	1.1	2.1	3.5	18.6
\$20,000 to \$24,999 .....	4.3	1.4	1.9	1.0	10.1	0.7	1.4	0.7	1.4	2.7	3.1	17.4
\$25,000 to \$34,999 .....	10.7	2.2	6.1	2.5	13.3	1.2	1.5	1.3	1.5	4.1	3.9	14.8
\$35,000 to \$49,999 .....	15.6	4.3	7.1	4.1	18.1	0.6	1.5	0.4	3.1	7.8	4.7	13.4
\$50,000 to \$74,999 .....	14.0	3.7	7.3	2.9	14.1	Q	0.7	Q	2.2	8.1	2.6	15.2
\$75,000 or More .....	7.6	2.1	3.3	2.2	11.5	Q	Q	Q	1.4	6.9	2.8	18.8
Below Poverty Line												
100 Percent .....	6.6	1.6	3.6	1.3	5.8	0.3	0.7	1.1	1.5	0.9	1.4	17.2
125 Percent .....	9.6	2.1	5.4	2.2	8.6	0.3	0.8	1.9	1.7	1.7	2.1	15.3
150 Percent .....	13.7	3.1	7.5	3.1	11.9	0.5	1.1	2.3	2.7	2.5	2.9	13.9
Eligible for Federal Assistance <sup>1</sup> .....	15.8	3.7	9.0	3.1	16.0	0.8	1.3	3.5	2.8	3.0	4.7	12.1
Number of Drivers <sup>2</sup> (Fall 1993)												
1 .....	6.6	1.6	3.9	1.2	25.7	4.0	7.4	7.6	0.7	2.0	4.1	10.2
2 .....	41.5	14.1	24.1	3.4	50.1	Q	Q	Q	11.1	21.0	17.9	7.3
3 .....	11.6	0.9	3.7	7.0	10.7	Q	Q	Q	0.9	7.8	2.0	18.7
4 or More .....	4.7	Q	0.6	3.7	4.9	Q	Q	Q	1.0	3.1	0.8	30.2
Age of Primary Driver												
16 to 17 Years .....	1.1	Q	0.4	0.7	Q	Q	Q	Q	Q	Q	Q	29.3
18 to 22 Years .....	2.2	Q	0.3	1.7	2.2	Q	Q	Q	0.7	1.3	Q	23.5
23 to 29 Years .....	2.8	1.6	1.1	Q	5.6	1.2	Q	Q	2.5	1.4	0.4	19.1
30 to 39 Years .....	15.7	4.9	9.6	1.2	6.9	0.9	0.7	Q	2.7	1.9	0.7	15.1
40 to 49 Years .....	13.8	1.6	7.6	4.7	8.4	Q	1.8	Q	Q	5.8	0.4	14.3
50 to 59 Years .....	3.0	0.4	1.4	1.2	12.0	Q	1.5	Q	Q	9.3	0.9	19.1
60 to 69 Years .....	0.7	Q	0.4	Q	9.9	Q	Q	1.6	Q	1.2	6.9	22.0
70 to 79 Years .....	0.3	Q	Q	Q	8.3	Q	Q	2.2	Q	Q	5.8	17.6
80 Years and Over .....	Q	Q	Q	Q	2.5	Q	Q	0.8	Q	Q	1.7	20.5
Don't Know .....	25.0	8.4	11.4	5.3	36.3	1.7	3.4	2.9	7.5	12.8	8.1	8.3
Sex of Primary Driver												
Female .....	18.3	3.8	9.8	4.8	25.1	0.6	2.0	3.7	2.6	9.6	6.5	8.5
Male .....	21.3	4.9	11.3	5.1	30.9	1.7	2.1	1.4	3.6	11.6	10.5	9.3
Don't Know .....	25.0	8.4	11.3	5.3	36.1	1.7	3.4	2.8	7.5	12.8	8.0	8.3
Average Number of Vehicles per Household During the Year												
Part-Year Vehicle .....	0.3	0.1	0.1	Q	1.0	Q	0.3	0.2	0.2	0.2	0.1	33.6
Only 1 .....	7.4	2.1	3.9	1.4	21.2	2.5	5.1	5.4	1.4	2.6	4.2	8.7
Between 1 and 2 .....	3.7	1.1	2.2	0.4	4.7	0.3	0.6	0.5	1.0	1.3	1.0	21.2
Only 2 .....	25.3	8.9	13.3	3.1	31.5	0.6	1.0	1.2	6.6	10.6	11.5	10.9
Between 2 and 3 .....	6.6	1.6	3.6	1.3	7.0	Q	Q	Q	1.3	3.3	1.9	18.9
Only 3 .....	10.4	1.8	4.8	3.8	14.8	Q	Q	Q	1.7	8.0	4.6	17.1
Between 3 and 4 .....	2.9	Q	1.4	1.3	5.0	Q	Q	Q	Q	3.4	0.8	30.8
4 or More .....	7.9	1.2	2.9	3.8	6.9	Q	Q	Q	0.9	4.7	0.9	27.8

See footnotes at end of table.

**Table 5.11. U.S. Vehicles by Household Composition, 1994 (Continued)**  
(Million Vehicles)

1993 Household and 1994 Vehicle Characteristics	Households with Children				Households Without Children							RSE Row Factor:
	Total	Age of Oldest Child			Total	One Adult-- Age of Householder			Two or More Adults-- Age of Householder			
		Under 7 Years	7 to 15 Years	16 or 17 Years		Under 35 Years	35 to 59 Years	60 Years or Over	Under 35 Years	35 to 59 Years	60 Years or Over	
RSE Column Factor:	0.6	1.0	0.8	1.3	0.5	1.8	1.4	1.2	1.3	0.9	1.0	
Vehicle Characteristics												
Model Year												
1994 to 1995 .....	3.0	0.8	1.5	0.7	4.2	Q	0.3	0.3	0.9	1.5	0.9	19.7
1993 .....	4.5	1.3	2.3	0.9	5.9	0.4	0.5	0.6	0.9	2.2	1.2	15.7
1992 .....	4.8	1.4	2.5	0.9	6.5	Q	0.4	0.5	0.9	2.8	1.8	15.3
1989 to 1991 .....	13.2	3.6	6.6	3.0	21.8	1.0	1.9	1.8	3.8	7.6	5.7	9.7
1986 to 1988 .....	14.5	3.7	7.0	3.8	21.8	1.0	2.3	1.6	3.1	7.9	5.9	9.5
1983 to 1985 .....	11.4	2.9	5.7	2.8	14.2	0.5	1.0	1.2	2.0	5.5	3.9	11.3
1980 to 1982 .....	5.0	1.2	2.6	1.2	5.9	Q	0.4	0.7	0.8	2.1	1.7	14.4
1977 to 1979 .....	4.0	1.0	2.0	0.9	5.5	Q	0.4	0.6	0.7	1.8	1.8	17.6
1976 or Earlier .....	4.2	1.2	2.1	0.9	6.4	Q	Q	0.5	0.8	2.4	2.0	20.3
Type of Vehicle												
Passenger Car .....	39.9	11.2	18.9	9.8	66.6	3.0	5.6	7.0	10.2	22.6	18.1	6.0
Minivan .....	6.1	1.3	3.8	1.1	2.0	Q	Q	Q	Q	0.7	0.8	16.8
Sport Utility .....	4.8	1.5	2.5	0.9	4.7	Q	Q	Q	1.2	2.2	0.8	15.8
Large Van .....	1.7	Q	1.0	0.4	1.7	Q	Q	Q	Q	0.7	0.6	25.6
Pickup Truck .....	12.0	2.9	6.0	3.0	16.8	0.7	1.2	0.8	2.1	7.6	4.5	10.5
Other .....	Q	Q	Q	Q	0.4	Q	Q	Q	Q	Q	Q	74.5
Fuel Efficiency (miles per gallon)												
10.9 or Less .....	2.8	0.8	1.5	0.5	4.3	Q	Q	0.5	0.3	1.6	1.4	20.1
11 to 12.9 .....	3.4	0.7	1.9	0.7	5.5	Q	Q	0.4	0.5	2.1	2.1	19.1
13 to 15.9 .....	7.7	2.1	3.8	1.8	11.1	0.3	0.9	1.3	0.9	3.9	3.9	12.5
16 to 18.9 .....	10.7	2.2	5.9	2.6	15.8	0.5	1.3	1.4	2.1	6.0	4.6	11.4
19 to 21.9 .....	14.8	3.7	7.5	3.6	20.4	0.6	1.5	1.5	2.8	7.7	6.3	10.0
22 to 24.9 .....	11.7	3.4	5.6	2.8	16.5	0.8	1.7	1.6	2.6	5.8	4.0	10.3
25 to 29.9 .....	10.6	3.0	5.0	2.7	14.3	1.1	1.5	1.1	3.0	5.2	2.4	10.2
30 or More .....	2.9	1.1	1.1	0.6	4.3	0.4	Q	Q	1.5	1.6	0.3	19.9
Engine Size (liters)												
2.49 or Less .....	24.7	7.5	11.5	5.7	35.1	2.2	3.4	2.8	7.2	12.5	6.9	7.6
2.50 to 3.49 .....	12.9	3.1	6.5	3.2	17.3	0.6	1.3	1.6	2.5	6.7	4.6	10.8
3.50 to 4.49 .....	10.1	2.1	5.5	2.5	14.0	0.4	0.9	1.2	1.7	5.1	4.7	11.7
4.50 or Greater .....	17.0	4.3	8.8	3.8	25.8	0.8	1.9	2.3	2.4	9.6	8.8	9.9
Number of Cylinders												
4 .....	25.8	7.6	12.1	6.1	35.8	2.2	3.5	3.1	7.1	12.6	7.2	7.5
6 .....	22.5	5.1	12.0	5.3	29.8	1.0	2.3	2.5	4.1	11.2	8.6	8.3
8 .....	15.9	4.2	8.1	3.6	25.7	0.8	1.7	2.3	2.3	9.8	8.9	9.9
Other .....	0.4	Q	Q	Q	0.9	Q	Q	Q	Q	0.4	Q	44.8
Type of Transmission												
Automatic .....	47.3	12.2	23.8	11.3	70.2	2.2	5.6	7.1	8.3	25.6	21.4	6.2
Manual Shift .....	17.4	4.9	8.5	4.0	21.9	1.9	1.9	0.8	5.4	8.3	3.6	9.8
Type of Drive												
Front-Wheel .....	31.0	8.8	15.1	7.1	43.8	2.3	3.8	4.3	7.1	15.0	11.3	6.8
Rear-Wheel .....	25.9	6.0	13.1	6.7	38.4	1.1	3.1	3.3	4.7	14.3	11.8	8.1
4-Wheel .....	7.7	2.2	4.1	1.4	9.9	0.7	0.6	Q	2.0	4.6	1.8	13.6

See footnotes at end of table.

**Table 5.11. U.S. Vehicles by Household Composition, 1994 (Continued)**  
(Million Vehicles)

1993 Household and 1994 Vehicle Characteristics	Households with Children				Households Without Children							RSE Row Factor:
	Total	Age of Oldest Child			Total	One Adult-- Age of Householder			Two or More Adults-- Age of Householder			
		Under 7 Years	7 to 15 Years	16 or 17 Years		Under 35 Years	35 to 59 Years	60 Years or Over	Under 35 Years	35 to 59 Years	60 Years or Over	
RSE Column Factor:	0.6	1.0	0.8	1.3	0.5	1.8	1.4	1.2	1.3	0.9	1.0	
Type of Fuel System												
Carburetor .....	32.2	8.5	16.6	7.2	44.2	2.0	3.6	4.1	6.1	15.6	12.8	7.4
Fuel Injection .....	31.6	8.4	15.4	7.7	46.7	2.1	3.9	3.7	7.6	17.4	11.9	7.0
Diesel Engine .....	0.9	Q	0.4	0.3	1.3	Q	Q	Q	Q	0.9	Q	30.3
Type of Fuel Purchased												
Motor Gasoline .....	63.4	16.8	31.7	14.9	90.0	4.0	7.5	7.7	13.7	33.1	24.1	5.7
Unleaded .....	62.5	16.6	31.1	14.8	89.0	3.9	7.4	7.6	13.6	32.7	23.9	5.7
Regular Grade .....	43.1	11.4	21.4	10.3	61.1	2.2	4.7	5.3	9.0	22.6	17.2	6.8
Intermediate Grade .....	8.5	2.0	4.3	2.2	12.1	0.7	1.3	1.1	2.1	4.2	2.8	13.3
Premium Grade .....	10.9	3.2	5.4	2.3	15.8	1.1	1.4	1.2	2.4	5.9	3.9	11.5
Leaded .....	0.9	Q	0.5	Q	1.0	Q	Q	Q	Q	0.4	Q	40.1
Gasohol .....	0.5	Q	Q	Q	1.0	Q	Q	Q	Q	Q	0.6	45.7
Diesel Fuel .....	0.7	Q	0.3	Q	1.1	Q	Q	Q	Q	0.6	Q	36.4
Type of Primary Service												
Full-Service Pumps .....	4.2	1.5	1.8	0.9	9.6	Q	0.7	2.6	0.4	3.0	2.8	21.0
Self or Mini-Service Pumps .....	59.4	15.3	30.2	13.9	80.4	3.9	6.7	5.0	13.2	30.3	21.4	6.3
Both Equally .....	0.9	Q	0.3	Q	2.0	Q	Q	0.3	Q	0.6	0.6	34.7
Bulk Sales/Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vehicle Used for Commuting to and from Work												
Yes .....	44.5	12.1	22.1	10.3	50.8	3.3	5.5	1.6	10.8	22.7	6.8	7.3
No .....	20.1	5.0	10.2	4.9	41.4	0.7	2.1	6.3	2.9	11.2	18.1	8.2

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

<sup>2</sup> Approximately .5 percent of the vehicle stock was owned by households that had no drivers as of fall 1993.

NF = No applicable RSE row factor.

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

Notes: • "Households with Children" category includes members under age 18 unless the member is the householder or spouse. • 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. • Data in this table are for households with vehicles for personal use. • 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, Form EIA-457 A of the 1993 Residential Energy Consumption Survey and Forms EIA-876 A, B, C, and D for the 1994 Residential Transportation Energy Consumption Survey.