

Table 5.4. U.S. Vehicles by Model Year, 1994
(Million Vehicles)

1993 Household and 1994 Vehicle Characteristics	All Model Years	Model Year									RSE Row Factor:
		1994 to 1995	1993	1992	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979	1976 or Earlier	
		0.3	1.6	1.4	1.2	0.7	0.7	0.9	1.2	1.4	
<i>Household Characteristics</i>											
Total	156.8	7.2	10.4	11.4	35.0	36.3	25.6	10.9	9.5	10.6	4.0
Census Region and Division											
Northeast	26.6	1.3	1.8	2.3	6.1	6.9	4.7	1.5	1.2	0.8	10.1
New England	7.6	Q	Q	0.8	1.5	2.2	1.4	Q	Q	Q	11.7
Middle Atlantic	19.0	0.9	1.4	1.5	4.6	4.7	3.2	1.1	0.9	0.6	12.4
Midwest	41.1	2.3	2.6	3.1	8.7	9.7	7.2	2.9	2.6	2.0	7.5
East North Central	29.0	1.7	1.6	2.2	6.4	7.1	4.9	1.9	1.8	1.3	9.3
West North Central	12.1	0.6	1.0	1.0	2.2	2.7	2.2	1.0	0.8	0.7	12.1
South	56.0	2.8	3.8	4.0	13.6	12.1	8.5	3.7	3.5	4.2	6.4
South Atlantic	28.4	1.6	2.2	2.0	7.5	5.9	4.2	1.7	1.7	1.7	8.5
East South Central	11.1	0.5	0.5	0.7	2.2	2.7	1.8	0.8	0.8	1.1	10.5
West South Central	16.4	0.7	1.1	1.3	3.9	3.5	2.4	1.1	1.0	1.4	13.1
West	33.1	0.9	2.2	2.0	6.7	7.5	5.3	2.8	2.2	3.5	8.3
Mountain	9.8	Q	0.7	0.8	2.1	1.5	1.6	0.7	0.6	1.5	13.7
Pacific	23.3	0.7	1.5	1.2	4.6	6.0	3.6	2.2	1.5	2.0	9.9
Largest Populated States											
California	17.0	Q	1.0	0.9	3.6	4.5	2.7	1.5	1.1	1.3	10.9
Florida	8.8	0.6	0.7	0.9	1.8	2.1	1.3	0.5	0.6	Q	13.9
New York	7.8	0.4	0.7	0.6	1.6	2.4	1.3	Q	Q	Q	15.1
Texas	11.0	0.4	0.8	0.8	2.5	2.2	1.9	0.8	0.7	1.0	15.8
Urban Status											
Urban	119.4	5.9	8.5	8.8	27.2	28.3	18.9	8.1	6.2	7.6	4.9
Central City	40.1	1.5	2.5	3.0	9.2	9.4	6.9	2.8	2.3	2.5	9.9
Suburban	79.3	4.4	6.0	5.8	18.0	18.9	12.0	5.3	3.9	5.1	6.9
Rural	37.4	1.3	1.9	2.6	7.8	8.0	6.7	2.8	3.2	3.0	9.0
Household Size											
1 Person	19.5	0.9	1.6	1.1	4.7	4.9	2.8	1.3	1.2	1.1	11.4
2 Persons	55.4	2.6	3.3	4.5	12.6	12.4	9.1	3.4	3.4	4.2	7.3
3 Persons	31.7	1.4	2.1	2.2	6.8	7.8	4.8	2.3	2.0	2.3	10.1
4 Persons	29.5	1.4	2.2	2.0	6.8	6.9	5.1	2.0	1.6	1.4	10.6
5 Persons	14.4	0.8	0.8	1.1	3.1	3.0	2.4	1.3	0.7	1.2	16.1
6 or More Persons	6.3	Q	Q	Q	1.1	1.3	1.3	0.5	0.6	Q	23.4
Household Composition											
Households with Children	64.6	3.0	4.5	4.8	13.2	14.5	11.4	5.0	4.0	4.2	7.0
Age of Oldest Child											
Under 7 Years	17.1	0.8	1.3	1.4	3.6	3.7	2.9	1.2	1.0	1.2	13.0
7 to 15 Years	32.3	1.5	2.3	2.5	6.6	7.0	5.7	2.6	2.0	2.1	10.5
16 or 17 Years	15.2	0.7	0.9	0.9	3.0	3.8	2.8	1.2	0.9	0.9	15.5
Households Without Children	92.2	4.2	5.9	6.5	21.8	21.8	14.2	5.9	5.5	6.4	5.5
One Adult	19.5	0.9	1.6	1.1	4.7	4.9	2.8	1.3	1.2	1.1	11.4
Age of Householder											
Under 35 Years	4.1	Q	Q	Q	1.0	1.0	0.5	Q	Q	Q	27.9
35 to 59 Years	7.6	Q	Q	Q	1.9	2.3	1.0	Q	Q	Q	19.1
60 Years or More	7.9	Q	0.6	0.5	1.8	1.6	1.2	0.7	0.6	0.5	18.3
Two or More Adults	72.6	3.3	4.3	5.5	17.1	17.0	11.4	4.6	4.3	5.2	6.3
Age of Householder											
Under 35 Years	13.8	0.9	0.9	0.9	3.8	3.1	2.0	0.8	0.7	0.8	16.5
35 to 59 Years	33.9	1.5	2.2	2.8	7.6	7.9	5.5	2.1	1.8	2.4	9.7
60 Years or More	24.9	0.9	1.2	1.8	5.7	5.9	3.9	1.7	1.8	2.0	11.8

See footnotes at end of table.

Table 5.4. U.S. Vehicles by Model Year, 1994 (Continued)
(Million Vehicles)

1993 Household and 1994 Vehicle Characteristics	All Model Years	Model Year									RSE Row Factor:
		1994 to 1995	1993	1992	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979	1976 or Earlier	
		0.3	1.6	1.4	1.2	0.7	0.7	0.9	1.2	1.4	
RSE Column Factor:											
Race of Householder											
White	138.6	6.6	9.4	10.3	31.7	32.0	22.2	9.4	7.8	9.2	4.4
Black	11.2	Q	0.5	0.7	1.9	2.5	2.2	0.9	1.2	0.9	17.5
Other	7.0	Q	Q	Q	1.4	1.8	1.2	0.6	Q	Q	21.2
Hispanic Descent											
Yes	10.7	Q	0.6	0.7	1.9	2.4	2.1	1.2	0.6	0.8	17.6
No	146.1	6.7	9.8	10.6	33.2	33.9	23.5	9.7	8.9	9.8	4.3
1993 Family Income											
Less than \$5,000	3.1	Q	Q	Q	0.8	Q	0.6	Q	Q	Q	30.3
\$5,000 to \$9,999	7.8	Q	Q	Q	1.4	1.7	1.6	0.8	0.8	1.0	18.5
\$10,000 to \$14,999	12.5	Q	Q	0.9	1.9	2.5	2.2	1.4	1.4	1.4	13.7
\$15,000 to \$19,999	14.2	Q	Q	0.7	2.8	3.2	2.9	1.4	1.3	1.0	14.5
\$20,000 to \$24,999	14.4	0.7	0.8	0.6	2.9	3.7	2.5	1.0	0.8	1.3	15.4
\$25,000 to \$34,999	24.1	1.0	1.3	1.5	5.0	5.6	4.1	1.7	1.9	2.0	11.6
\$35,000 to \$49,999	33.6	1.9	2.6	2.5	7.9	8.0	5.5	2.2	1.5	1.5	10.0
\$50,000 to \$74,999	28.0	1.4	2.3	2.5	7.4	6.8	3.9	1.3	1.1	1.3	11.4
\$75,000 or More	19.1	1.4	2.0	2.2	5.0	4.4	2.1	0.6	Q	0.9	14.3
Below Poverty Line											
100 Percent	12.4	Q	Q	0.6	2.1	2.1	2.4	1.7	1.5	1.5	14.3
125 Percent	18.2	Q	0.5	0.9	3.0	3.7	3.5	2.4	2.0	2.0	12.8
150 Percent	25.7	0.5	0.7	1.3	4.5	5.0	5.2	3.0	2.8	2.7	11.1
Eligible for Federal Assistance ¹	31.8	0.6	1.0	1.7	5.5	6.4	6.7	3.5	3.3	3.2	10.3
Number of Drivers ² (Fall 1993)											
1	32.4	1.3	2.2	1.9	7.0	7.6	5.1	2.5	2.5	2.3	8.9
2	91.6	4.5	6.1	7.3	20.3	20.9	15.0	6.2	5.1	6.1	5.4
3	22.2	0.9	1.4	1.6	5.4	5.2	3.3	1.4	1.2	1.6	13.0
4 or More	9.7	Q	0.6	0.6	2.2	2.4	2.0	0.7	Q	Q	21.2
Age of Primary Driver											
16 to 17 Years	1.1	Q	Q	Q	Q	Q	Q	Q	Q	Q	55.7
18 to 22 Years	4.4	Q	Q	Q	1.0	1.2	0.8	Q	Q	Q	25.0
23 to 29 Years	8.4	0.7	0.8	0.6	2.4	1.9	1.0	Q	Q	Q	18.2
30 to 39 Years	22.6	1.3	2.1	1.5	5.5	5.8	2.8	1.1	1.0	1.4	12.3
40 to 49 Years	22.3	1.5	1.9	1.8	4.9	5.0	3.8	1.1	1.1	1.1	12.2
50 to 59 Years	14.9	0.8	1.2	1.3	3.4	3.4	2.4	0.7	0.8	0.9	14.3
60 to 69 Years	10.6	0.5	0.6	0.8	2.4	2.7	1.5	0.7	0.7	0.6	18.1
70 to 79 Years	8.6	Q	0.6	0.7	2.1	1.7	1.4	0.5	0.6	0.6	17.4
80 Years and Over	2.6	Q	Q	Q	0.6	Q	Q	Q	Q	Q	35.2
Don't Know	61.3	1.7	3.0	4.3	12.7	13.6	11.0	5.8	4.4	4.8	6.8
Sex of Primary Driver											
Female	43.4	2.8	4.3	3.9	11.7	10.9	6.0	1.6	1.4	0.8	8.4
Male	52.2	2.7	3.1	3.2	10.6	11.9	8.5	3.6	3.6	5.0	7.6
Don't Know	61.2	1.7	3.0	4.3	12.7	13.5	11.0	5.8	4.4	4.8	6.9

See footnotes at end of table.

Table 5.4. U.S. Vehicles by Model Year, 1994 (Continued)
(Million Vehicles)

1993 Household and 1994 Vehicle Characteristics	All Model Years	Model Year									RSE Row Factor:
		1994 to 1995	1993	1992	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979	1976 or Earlier	
		0.3	1.6	1.4	1.2	0.7	0.7	0.9	1.2	1.4	
RSE Column Factor:											
Average Number of Vehicles per Household During the Year											
Part-Year Vehicle	1.3	Q	Q	Q	Q	0.3	0.3	Q	Q	Q	34.4
Only 1	28.6	0.8	1.8	2.1	6.5	6.9	5.0	2.0	1.9	1.5	9.6
Between 1 and 2	8.4	0.9	0.8	0.5	1.7	1.4	1.4	0.6	0.6	0.6	17.1
Only 2	56.9	1.7	3.9	4.9	13.1	14.8	8.6	3.7	3.0	3.2	7.7
Between 2 and 3	13.5	1.7	1.0	0.7	2.9	2.8	1.9	0.8	0.9	0.9	15.3
Only 3	25.2	0.8	1.2	1.7	6.1	5.4	4.0	2.1	1.5	2.2	12.1
Between 3 and 4	7.9	0.6	0.6	0.6	1.6	1.9	1.5	0.4	0.5	Q	21.6
4 or More	14.8	0.6	1.0	0.7	2.8	2.9	2.8	1.1	1.0	2.0	17.6
<i>Vehicle Characteristics</i>											
Type of Vehicle											
Passenger Car	106.4	4.1	6.9	7.8	23.6	26.1	18.2	8.1	5.6	6.0	4.8
Minivan	8.1	0.8	1.0	0.8	2.9	1.9	0.5	Q	Q	Q	15.4
Sport Utility	9.5	0.8	1.0	1.0	2.5	2.0	1.1	Q	Q	0.6	15.6
Large Van	3.4	Q	Q	Q	0.7	0.7	0.8	Q	Q	Q	29.5
Pickup Truck	28.8	1.5	1.4	1.6	5.2	5.6	4.7	2.1	3.2	3.5	9.1
Other	0.6	Q	Q	Q	Q	Q	Q	Q	Q	Q	96.7
Fuel Efficiency (miles per gallon)											
10.9 or Less	7.0	Q	Q	Q	Q	Q	Q	Q	1.7	4.0	10.6
11 to 12.9	8.9	Q	Q	Q	1.0	1.1	1.2	0.6	2.2	2.6	16.3
13 to 15.9	18.9	0.9	0.7	0.8	2.9	3.0	2.9	2.0	3.3	2.3	11.6
16 to 18.9	26.5	1.4	1.8	2.2	5.3	4.8	6.0	2.6	1.5	0.9	10.4
19 to 21.9	35.2	1.8	3.2	3.0	8.7	9.6	5.6	2.3	Q	Q	8.4
22 to 24.9	28.2	1.5	2.2	2.6	9.1	8.0	3.3	1.2	Q	Q	10.0
25 to 29.9	24.9	1.0	1.5	2.1	6.4	7.5	4.7	1.6	Q	Q	10.0
30 or More	7.2	Q	0.8	0.6	1.5	2.1	1.4	Q	Q	Q	18.8
Engine Size (liters)											
2.49 or Less	59.8	2.1	3.7	4.3	14.7	17.6	11.0	4.5	1.0	0.9	7.8
2.50 to 3.49	30.1	1.7	3.2	3.3	8.7	7.7	3.6	1.1	0.5	Q	10.0
3.50 to 4.49	24.0	1.6	2.0	2.3	5.6	4.5	3.5	2.3	1.3	1.0	11.1
4.50 or Greater	42.8	1.7	1.4	1.5	6.1	6.5	7.5	3.0	6.6	8.4	8.1
Number of Cylinders											
4	61.5	2.1	3.7	4.4	15.3	18.3	11.0	4.4	1.0	1.3	7.4
6	52.3	3.4	5.2	5.5	13.3	11.3	6.7	2.9	1.8	2.1	6.9
8	41.6	1.6	1.3	1.4	6.1	6.4	7.6	3.4	6.7	7.1	8.2
Other	1.3	Q	Q	Q	Q	Q	Q	Q	Q	Q	60.0
Type of Transmission											
Automatic	117.5	5.6	8.1	8.9	27.5	27.0	18.7	7.1	7.4	7.1	4.6
Manual Shift	39.3	1.6	2.2	2.5	7.5	9.3	6.9	3.8	2.0	3.5	8.7
Type of Drive											
Front-Wheel	74.9	4.3	6.2	7.2	21.0	19.9	11.0	3.3	0.8	1.1	6.4
Rear-Wheel	64.3	1.7	2.4	2.7	9.9	12.7	12.0	6.7	7.6	8.6	6.7
4-Wheel	17.6	1.2	1.8	1.4	4.1	3.6	2.6	0.9	1.0	0.9	12.5
Type of Fuel System											
Carburetor	76.4	1.1	1.4	1.7	7.1	17.8	18.7	9.7	8.8	10.1	6.3
Fuel Injection	78.2	5.9	8.8	9.6	27.7	18.3	6.2	0.7	0.6	Q	6.9
Diesel Engine	2.2	Q	Q	Q	Q	Q	0.7	0.5	Q	Q	27.8

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		1994 to 1995	1993	1992	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979	1976 or Earlier	
	RSE Column Factor:	0.3	1.6	1.4	1.2	0.7	0.7	0.9	1.2	1.4	
Type of Fuel Purchased											
Motor Gasoline	153.4	6.9	10.1	11.2	34.6	35.9	24.7	10.3	9.3	10.4	4.0
Unleaded	151.5	6.9	10.1	11.2	34.5	35.9	24.6	10.2	9.1	9.1	4.0
Regular Grade	104.2	4.3	6.5	7.2	22.9	24.4	17.6	7.7	6.6	7.0	5.0
Intermediate Grade	20.6	0.9	1.6	1.7	5.8	4.8	3.1	1.3	0.9	0.6	12.6
Premium Grade	26.7	1.6	2.0	2.2	5.9	6.7	3.9	1.3	1.6	1.6	10.2
Leaded	1.9	Q	Q	Q	Q	Q	Q	Q	Q	1.3	28.1
Gasohol	1.4	Q	Q	Q	Q	Q	Q	Q	Q	Q	82.0
Diesel Fuel	1.8	Q	Q	Q	Q	Q	0.7	Q	Q	Q	38.2
Type of Primary Service											
Full-Service Pumps	13.8	0.7	0.8	1.0	3.1	3.3	2.5	0.9	0.8	0.7	18.4
Self or Mini-Service Pumps	139.8	6.2	9.4	10.2	31.3	32.4	22.6	9.8	8.4	9.5	4.5
Both Equally	2.9	Q	Q	Q	0.6	0.6	0.5	Q	Q	Q	36.7
Bulk Sales/Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	NF
Vehicle Used for Commuting to and from Work											
Yes	95.3	4.8	6.7	7.3	22.5	22.7	15.3	6.1	5.1	4.9	5.2
No	61.5	2.3	3.7	4.1	12.6	13.6	10.3	4.8	4.4	5.7	7.1

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

² Approximately 0.5 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 years old unless the member is the householder or spouse. • To obtain the Relative Standard Error (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 transportation. • 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 of the 1994 Residential Transportation Energy Consumption Survey.