

**Table 5.15. U.S. Average Vehicle-Miles Traveled by Vehicle Type, 1994**  
(Thousand Miles per Vehicle)

1993 Household and 1994 Vehicle Characteristics	All Vehicle Types	Type of Vehicle								RSE Row Factor:
		Passenger Cars			Mini- van	Sport Utility	Large Van	Pickup Truck	Other	
		All	Sedan	Station Wagon						
RSE Column Factor:	0.3	0.4	0.4	1.4	0.9	1.2	2.4	0.8	5.4	
Household Characteristics										
Total .....	11.4	11.3	11.2	12.1	13.4	12.7	11.7	11.1	7.1	4.2
Census Region and Division										
Northeast .....	11.3	11.0	10.9	12.2	12.5	12.5	Q	11.4	Q	8.1
New England .....	11.1	10.5	10.4	11.1	Q	12.0	Q	12.3	Q	10.3
Middle Atlantic .....	11.3	11.2	11.1	12.9	12.5	12.7	Q	10.9	Q	10.0
Midwest .....	11.6	11.6	11.6	11.6	14.0	11.0	13.1	10.8	Q	6.2
East North Central .....	11.6	11.5	11.5	10.8	13.9	10.7	13.1	10.9	Q	7.1
West North Central .....	11.8	12.0	11.9	13.0	14.5	Q	Q	10.6	Q	9.5
South .....	11.7	11.4	11.4	12.5	13.8	14.7	11.4	11.4	Q	7.5
South Atlantic .....	12.1	11.9	11.8	13.6	12.7	15.0	10.6	12.1	Q	10.1
East South Central .....	10.9	10.7	10.7	Q	14.4	13.9	Q	10.2	Q	20.9
West South Central .....	11.6	11.0	11.0	Q	15.6	14.6	Q	11.4	Q	14.1
West .....	10.9	10.8	10.7	12.0	12.6	11.3	9.4	10.8	Q	11.0
Mountain .....	10.7	10.5	10.3	Q	Q	11.0	Q	10.7	Q	19.4
Pacific .....	10.9	10.9	10.9	11.6	12.4	11.5	Q	10.9	Q	12.6
Largest Populated States										
California .....	11.1	11.1	11.0	13.0	12.6	11.2	Q	11.5	Q	15.3
Florida .....	11.8	11.0	10.9	Q	12.2	15.5	Q	13.8	Q	13.3
New York .....	11.4	11.4	11.2	13.4	Q	Q	Q	10.7	Q	11.6
Texas .....	11.3	10.6	10.7	Q	Q	14.6	Q	11.0	Q	11.7
Urban Status										
Urban .....	11.4	11.2	11.1	12.3	13.2	12.5	11.5	11.2	Q	4.7
Central City .....	10.8	10.7	10.6	11.7	12.1	12.4	10.7	10.5	Q	9.3
Suburban .....	11.7	11.5	11.4	12.6	13.7	12.6	12.0	11.5	Q	5.6
Rural .....	11.6	11.5	11.6	11.1	14.3	13.3	12.3	10.9	Q	7.6
Household Size										
1 Person .....	10.1	9.9	10.0	9.5	Q	12.0	Q	10.6	Q	16.2
2 Persons .....	10.9	10.8	10.7	12.7	12.8	12.4	10.1	10.7	Q	7.9
3 Persons .....	11.9	12.0	11.9	12.5	13.0	13.8	12.5	11.0	Q	9.0
4 Persons .....	12.0	11.6	11.7	11.0	14.0	12.3	11.5	12.5	Q	9.7
5 Persons .....	12.2	12.2	11.9	14.6	13.4	12.0	14.4	11.2	Q	13.0
6 or More Persons .....	13.3	14.1	14.3	Q	14.4	Q	Q	10.1	Q	18.8
Household Composition										
Households with Children .....	12.3	12.3	12.2	12.7	13.8	12.7	12.5	11.6	Q	6.1
Age of Oldest Child										
Under 7 Years .....	12.1	12.0	12.0	12.2	12.7	12.7	Q	12.0	Q	12.2
7 to 15 Years .....	12.3	12.1	12.1	12.9	14.4	13.0	12.3	11.4	Q	8.4
16 or 17 Years .....	12.5	12.8	12.7	12.9	13.3	11.8	Q	11.5	Q	12.9
Households Without Children .....	10.8	10.7	10.6	11.5	12.1	12.7	10.8	10.8	Q	6.2
One Adult .....	10.1	9.9	10.0	9.5	Q	12.0	Q	10.6	Q	16.2
Age of Householder										
Under 35 Years .....	13.0	13.2	13.2	Q	Q	Q	Q	11.5	Q	25.8
35 to 59 Years .....	11.2	11.2	11.2	Q	Q	Q	Q	12.0	Q	17.7
60 Years or More .....	7.6	7.6	7.6	Q	Q	Q	Q	7.7	Q	18.6

See footnotes at end of table.

**Table 5.15. U.S. Average Vehicle-Miles Traveled by Vehicle Type, 1994 (Continued)**  
(Thousand Miles per Vehicle)

1993 Household and 1994 Vehicle Characteristics	All Vehicle Types	Type of Vehicle								RSE Row Factor:
		Passenger Cars			Mini- van	Sport Utility	Large Van	Pickup Truck	Other	
		All	Sedan	Station Wagon						
RSE Column Factor:	0.3	0.4	0.4	1.4	0.9	1.2	2.4	0.8	5.4	
Household Composition										
Two or More Adults .....	11.0	10.9	10.9	12.2	12.5	12.8	10.8	10.8	Q	6.5
Age of Householder										
Under 35 Years .....	12.7	12.5	12.5	Q	Q	13.1	Q	12.6	Q	17.8
35 to 59 Years .....	11.6	11.5	11.5	11.4	12.7	12.6	11.9	11.5	Q	10.0
60 Years or More .....	9.3	9.3	9.2	12.2	11.3	12.7	9.1	8.8	Q	10.7
Race of Householder										
White .....	11.5	11.3	11.3	12.1	13.6	12.5	12.1	11.2	7.1	4.3
Black .....	11.2	11.1	11.1	Q	Q	Q	Q	10.7	Q	18.5
Other .....	10.9	11.0	10.8	Q	Q	Q	Q	10.0	Q	24.3
Hispanic Descent										
Yes .....	11.4	11.4	11.2	Q	11.5	12.4	Q	11.1	Q	19.2
No .....	11.4	11.3	11.2	11.9	13.5	12.7	11.7	11.1	7.3	4.3
1993 Family Income										
Less than \$5,000 .....	11.5	11.7	11.6	Q	Q	Q	Q	Q	Q	26.1
\$5,000 to \$9,999 .....	9.9	9.8	9.7	Q	Q	Q	Q	9.5	Q	29.9
\$10,000 to \$14,999 .....	10.2	10.3	10.3	10.8	Q	Q	Q	9.6	Q	13.1
\$15,000 to \$19,999 .....	10.7	10.6	10.6	11.1	Q	10.8	Q	11.0	Q	16.8
\$20,000 to \$24,999 .....	11.0	11.1	11.0	12.4	12.7	11.1	Q	10.6	Q	17.1
\$25,000 to \$34,999 .....	11.9	11.9	11.8	12.2	14.9	12.8	11.7	11.4	Q	9.5
\$35,000 to \$49,999 .....	11.6	11.3	11.3	12.3	13.8	12.5	12.6	11.3	Q	7.9
\$50,000 to \$74,999 .....	11.8	11.7	11.7	13.0	13.0	13.9	10.4	11.0	Q	8.9
\$75,000 or More .....	12.3	11.8	11.8	12.5	13.5	13.2	Q	13.3	Q	11.9
Below Poverty Line										
100 Percent .....	10.7	10.8	10.8	11.9	Q	Q	Q	9.5	Q	18.7
125 Percent .....	10.9	11.0	11.0	11.4	12.5	10.7	Q	9.9	Q	14.5
150 Percent .....	11.1	11.2	11.2	11.5	13.1	10.5	11.2	10.3	Q	13.0
Eligible for Federal Assistance <sup>1</sup> .....	10.9	11.1	11.0	11.7	12.6	10.0	11.2	10.2	Q	12.4
Number of Drivers <sup>2</sup> (Fall 1993)										
1 .....	10.3	10.2	10.2	10.6	10.8	11.8	10.8	10.3	Q	13.1
2 .....	11.6	11.4	11.3	12.5	13.8	12.9	10.7	11.2	Q	5.1
3 .....	12.0	12.0	11.9	13.3	14.9	12.8	15.4	10.7	Q	10.8
4 or More .....	12.8	12.9	12.9	Q	Q	11.3	Q	13.6	Q	16.4
Age of Primary Driver										
16 to 17 Years .....	9.6	10.1	10.1	Q	Q	Q	Q	Q	Q	64.0
18 to 22 Years .....	12.9	12.8	12.9	Q	Q	Q	Q	14.0	Q	17.0
23 to 29 Years .....	13.3	13.0	13.0	Q	Q	15.9	Q	12.8	Q	13.5
30 to 39 Years .....	12.2	12.3	12.3	12.5	12.6	12.4	Q	11.6	Q	8.4
40 to 49 Years .....	12.4	12.2	12.1	12.8	15.6	12.7	13.6	11.6	Q	8.4
50 to 59 Years .....	11.6	11.9	11.7	Q	12.4	11.7	Q	11.1	Q	12.1
60 to 69 Years .....	9.3	9.1	9.1	Q	Q	Q	Q	9.1	Q	14.1
70 to 79 Years .....	7.9	8.2	8.0	Q	Q	Q	Q	6.0	Q	17.1
80 Years and Over .....	6.1	5.4	5.4	Q	Q	Q	Q	Q	Q	32.6
Don't Know .....	11.5	11.4	11.4	11.7	12.8	12.9	11.8	11.4	Q	11.5

See footnotes at end of table.

**Table 5.15. U.S. Average Vehicle-Miles Traveled by Vehicle Type, 1994 (Continued)**  
(Thousand Miles per Vehicle)

1993 Household and 1994 Vehicle Characteristics	All Vehicle Types	Type of Vehicle								RSE Row Factor:
		Passenger Cars			Mini- van	Sport Utility	Large Van	Pickup Truck	Other	
		All	Sedan	Station Wagon						
RSE Column Factor:	0.3	0.4	0.4	1.4	0.9	1.2	2.4	0.8	5.4	
Sex of Primary Driver										
Female .....	11.7	11.2	11.2	12.2	14.1	14.0	15.4	11.0	Q	6.4
Male .....	11.1	11.1	11.0	12.5	12.7	11.8	10.3	10.9	Q	6.3
Don't Know .....	11.5	11.4	11.4	11.7	12.8	12.9	11.8	11.4	Q	11.5
Average Number of Vehicles per Household During the Year										
Part-Year Vehicle .....	10.9	10.9	11.0	Q	Q	Q	Q	Q	Q	80.4
Only 1 .....	10.7	10.5	10.4	11.3	12.5	12.6	Q	11.7	Q	12.0
Between 1 and 2 .....	12.6	12.5	12.5	12.8	15.6	12.4	Q	12.7	Q	17.3
Only 2 .....	11.6	11.3	11.3	11.9	13.7	12.9	13.3	11.0	Q	6.8
Between 2 and 3 .....	12.0	11.9	11.7	14.5	14.3	14.7	Q	11.1	Q	12.3
Only 3 .....	10.9	10.8	10.7	13.1	13.9	12.2	10.5	10.4	Q	11.9
Between 3 and 4 .....	12.7	12.5	12.5	Q	Q	12.6	Q	13.7	Q	22.2
4 or More .....	11.4	12.0	12.1	10.9	11.3	10.1	Q	10.3	Q	14.1
Vehicle Characteristics										
Model Year										
1994 to 1995 .....	14.3	13.9	13.8	Q	16.3	13.2	Q	14.8	Q	12.6
1993 .....	13.7	13.3	13.4	13.0	16.0	14.1	Q	13.9	Q	11.4
1992 .....	13.1	13.0	12.8	Q	15.9	13.6	Q	12.5	Q	11.5
1989 to 1991 .....	12.4	11.8	11.8	12.6	13.2	14.6	16.0	13.3	Q	7.2
1986 to 1988 .....	11.3	11.3	11.2	11.7	11.2	13.0	11.0	11.2	Q	9.1
1983 to 1985 .....	10.6	10.5	10.4	11.8	10.0	10.9	11.8	10.6	Q	12.2
1980 to 1982 .....	9.8	10.1	10.0	11.9	Q	Q	Q	8.8	Q	22.4
1977 to 1979 .....	9.3	9.6	9.7	Q	Q	Q	Q	8.9	Q	31.1
1976 or Earlier .....	8.2	8.3	8.1	Q	Q	Q	Q	8.4	Q	26.5
Fuel Efficiency (miles per gallon)										
10.9 or Less .....	5.6	4.9	4.8	Q	Q	4.1	Q	5.6	7.1	21.4
11 to 12.9 .....	8.8	7.4	7.1	Q	Q	11.0	Q	9.8	Q	27.3
13 to 15.9 .....	9.7	7.2	7.3	Q	Q	12.5	12.5	11.1	Q	12.1
16 to 18.9 .....	10.5	8.6	8.4	11.8	11.2	13.5	Q	12.5	Q	8.8
19 to 21.9 .....	12.0	11.2	11.1	12.6	15.2	15.8	Q	12.1	Q	7.6
22 to 24.9 .....	12.8	12.7	12.8	12.0	15.8	Q	Q	13.1	Q	7.0
25 to 29.9 .....	13.0	12.9	12.9	13.6	Q	Q	Q	15.0	Q	8.2
30 or More .....	14.7	14.8	14.8	Q	Q	Q	Q	Q	Q	12.8
Engine Size (liters)										
2.49 or Less .....	11.7	11.7	11.6	12.2	11.6	13.3	Q	11.5	Q	8.6
2.50 to 3.49 .....	12.1	11.6	11.6	12.3	13.9	12.5	Q	11.7	Q	8.2
3.50 to 4.49 .....	11.7	11.1	11.2	10.7	13.3	13.4	Q	11.6	Q	11.1
4.50 or Greater .....	10.5	10.1	10.0	12.3	Q	11.6	11.7	10.7	6.8	8.2
Number of Cylinders										
4 .....	11.6	11.6	11.5	12.2	11.8	11.9	Q	11.5	Q	7.9
6 .....	12.1	11.6	11.6	12.3	13.9	13.1	11.3	11.6	Q	7.4
8 .....	10.5	10.1	10.1	11.2	Q	11.9	11.8	10.6	6.7	8.4
Other .....	10.6	10.6	10.6	Q	Q	Q	Q	Q	Q	50.1

See footnotes at end of table.

**Table 5.15. U.S. Average Vehicle-Miles Traveled by Vehicle Type, 1994 (Continued)**  
(Thousand Miles per Vehicle)

1993 Household and 1994 Vehicle Characteristics	All Vehicle Types	Type of Vehicle								RSE Row Factor:
		Passenger Cars			Mini- van	Sport Utility	Large Van	Pickup Truck	Other	
		All	Sedan	Station Wagon						
	RSE Column Factor:	0.3	0.4	0.4	1.4	0.9	1.2	2.4	0.8	
Type of Transmission										
Automatic .....	11.4	11.1	11.0	12.1	13.5	13.2	11.8	11.1	7.4	4.8
Manual Shift .....	11.6	12.0	12.0	12.0	12.5	11.3	Q	11.1	Q	9.2
Type of Drive										
Front-Wheel .....	11.9	11.8	11.7	12.5	13.7	Q	Q	11.8	Q	5.4
Rear-Wheel .....	10.8	10.4	10.4	11.5	12.4	13.4	11.8	11.0	6.6	7.5
4-Wheel .....	11.9	11.6	11.4	11.9	Q	12.4	Q	11.3	Q	12.4
Type of Fuel System										
Carburetor .....	10.5	10.6	10.4	11.8	10.9	11.0	10.6	10.3	Q	7.6
Fuel Injection .....	12.4	11.9	11.9	12.6	14.0	13.8	15.0	12.7	Q	4.7
Diesel Engine .....	11.5	11.3	11.3	Q	Q	Q	Q	11.6	Q	32.8
Type of Fuel Purchased										
Motor Gasoline .....	11.4	11.3	11.2	12.1	13.4	12.7	11.7	11.0	7.0	4.3
Unleaded .....	11.5	11.3	11.2	12.1	13.4	12.8	11.9	11.1	6.9	4.2
Regular Grade .....	11.5	11.5	11.4	12.0	13.4	12.8	11.9	10.8	Q	5.3
Intermediate Grade .....	11.5	11.2	11.0	12.9	13.0	12.4	Q	12.3	Q	10.1
Premium Grade .....	11.2	10.8	10.8	11.8	13.4	13.0	Q	11.4	Q	10.9
Leaded .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	100.0
Gasohol .....	11.7	12.3	12.3	Q	Q	Q	Q	Q	Q	32.5
Diesel Fuel .....	12.0	10.4	10.5	Q	Q	Q	Q	13.4	Q	40.6
Type of Primary Service										
Full-Service Pumps .....	9.9	9.9	9.9	10.5	10.4	11.0	Q	8.7	Q	19.9
Self or Mini-Service Pumps .....	11.6	11.5	11.4	12.3	13.8	12.8	11.6	11.3	7.1	4.3
Both Equally .....	10.3	10.2	10.1	Q	Q	Q	Q	Q	Q	36.1
Bulk Sales/Other .....	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vehicle Use for Commuting to and from Work										
Yes .....	12.3	12.2	12.2	12.8	14.2	13.1	13.0	11.9	Q	4.8
No .....	10.0	9.9	9.8	10.9	12.2	11.6	10.2	9.8	7.1	7.4

<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.