

Table 5.13. U.S. Average Vehicle-Miles Traveled by Vehicle Fuel Efficiency Category, 1994
(Thousand Miles per Vehicle)

1993 Household and 1994 Vehicle Characteristics	All Fuel-Efficiency Categories	Fuel Efficiency (miles per gallon)								RSE Row Factor:
		10.9 or Less	11 to 12.9	13 to 15.9	16 to 18.9	19 to 21.9	22 to 24.9	25 to 25.9	30 or More	
RSE Column Factor:	0.4	2.7	2.5	1.3	0.9	0.7	0.7	0.7	1.2	
<i>Household Characteristics</i>										
Total	11.4	5.6	8.8	9.7	10.5	12.0	12.8	13.0	14.7	3.9
Census Region and Division										
Northeast	11.3	Q	8.8	8.9	9.7	11.5	12.5	12.4	14.0	8.0
New England	11.1	Q	Q	Q	10.3	11.8	12.4	Q	Q	17.1
Middle Atlantic	11.3	Q	Q	8.8	9.4	11.4	12.5	12.6	Q	8.5
Midwest	11.6	6.2	8.2	9.3	10.3	12.2	13.3	13.6	15.0	6.6
East North Central	11.6	6.1	7.7	9.3	10.5	12.0	13.3	13.3	Q	8.8
West North Central	11.8	Q	9.1	9.5	9.8	12.7	13.3	14.4	Q	10.3
South	11.7	5.3	8.7	10.1	11.0	12.5	13.1	13.4	15.4	6.6
South Atlantic	12.1	Q	8.7	10.1	11.4	12.3	13.6	13.5	16.0	8.7
East South Central	10.9	Q	Q	8.8	9.8	12.5	11.9	13.2	Q	18.2
West South Central	11.6	4.7	Q	10.6	11.2	12.8	12.8	13.5	Q	11.9
West	10.9	5.2	9.4	9.9	10.4	11.4	11.8	12.3	Q	9.7
Mountain	10.7	Q	Q	10.7	11.1	10.7	11.4	13.5	Q	14.4
Pacific	10.9	4.6	9.5	9.5	10.1	11.7	12.0	12.0	Q	13.2
Largest Populated States										
California	11.1	Q	Q	9.2	10.2	12.2	12.3	12.2	Q	17.9
Florida	11.8	Q	Q	Q	11.3	12.8	13.4	Q	Q	7.8
New York	11.4	Q	Q	Q	9.3	11.4	13.4	12.6	Q	13.9
Texas	11.3	Q	Q	10.9	11.1	11.8	Q	12.8	Q	12.9
Urban Status										
Urban	11.4	5.4	9.0	9.5	10.5	12.0	12.5	12.7	14.6	4.8
Central City	10.8	5.6	8.4	8.9	10.1	11.4	11.6	12.3	13.0	8.1
Suburban	11.7	5.2	9.2	9.7	10.7	12.2	13.0	12.9	15.4	5.6
Rural	11.6	6.0	8.6	10.2	10.5	12.2	14.0	14.5	Q	6.7
Household Size										
1 Person	10.1	5.0	Q	6.9	8.9	10.5	11.3	12.4	Q	12.3
2 Persons	10.9	5.0	8.6	8.5	9.7	11.4	12.7	13.0	15.5	6.5
3 Persons	11.9	5.2	8.8	11.0	11.2	12.1	13.2	13.3	15.2	7.9
4 Persons	12.0	5.5	9.6	11.4	11.4	13.1	13.1	12.3	Q	9.3
5 Persons	12.2	Q	8.6	10.5	11.8	12.9	13.7	13.2	Q	11.9
6 or More Persons	13.3	Q	Q	Q	Q	13.8	Q	15.3	Q	16.3
Household Composition										
Households with Children	12.3	6.4	9.2	11.3	11.6	13.2	13.5	13.3	14.5	5.7
Age of Oldest Child										
Under 7 Years	12.1	Q	Q	11.4	12.0	12.7	13.2	12.4	Q	11.5
7 to 15 Years	12.3	5.7	9.0	11.7	11.7	13.2	13.9	13.3	14.7	7.9
16 or 17 Years	12.5	Q	Q	10.5	10.9	13.7	13.0	14.4	Q	10.8
Households Without Children	10.8	5.0	8.6	8.6	9.8	11.2	12.4	12.8	14.9	5.4
One Adult	10.1	5.0	Q	6.9	8.9	10.5	11.3	12.4	Q	12.3
Age of Householder										
Under 35 Years	13.0	Q	Q	Q	Q	Q	Q	14.3	Q	22.7
35 to 59 Years	11.2	Q	Q	Q	10.5	10.7	12.5	13.3	Q	17.7
60 Years or More	7.6	Q	Q	4.0	7.2	8.4	9.7	Q	Q	15.9

See footnotes at end of table.

Table 5.13. U.S. Average Vehicle-Miles Traveled by Vehicle Fuel Efficiency Category, 1994 (Continued)
(Thousand Miles per Vehicle)

1993 Household and 1994 Vehicle Characteristics	All Fuel-Efficiency Categories	Fuel Efficiency (miles per gallon)								RSE Row Factor:
		10.9 or Less	11 to 12.9	13 to 15.9	16 to 18.9	19 to 21.9	22 to 24.9	25 to 25.9	30 or More	
RSE Column Factor:	0.4	2.7	2.5	1.3	0.9	0.7	0.7	0.7	1.2	
Household Composition										
Two or More Adults	11.0	5.1	8.7	9.0	10.0	11.4	12.7	12.9	15.2	5.9
Age of Householder										
Under 35 Years	12.7	Q	Q	Q	10.9	12.3	13.0	14.2	Q	15.7
35 to 59 Years	11.6	6.5	10.4	9.4	10.9	11.7	13.2	13.0	15.3	7.8
60 Years or More	9.3	3.1	7.0	7.9	8.3	10.5	11.8	11.0	Q	9.8
Race of Householder										
White	11.5	5.6	8.8	9.7	10.5	12.1	12.9	13.1	14.9	4.1
Black	11.2	Q	Q	Q	10.2	11.6	12.1	13.6	Q	15.2
Other	10.9	Q	Q	Q	Q	Q	Q	11.1	Q	16.9
Hispanic Descent										
Yes	11.4	Q	Q	Q	10.3	11.9	12.0	Q	Q	18.4
No	11.4	5.5	8.9	9.6	10.5	12.0	12.9	13.0	14.8	4.0
1993 family Income										
Less than \$5,000	11.5	Q	Q	Q	Q	Q	Q	Q	Q	22.4
\$5,000 to \$9,999	9.9	Q	Q	7.7	9.3	Q	Q	Q	Q	22.4
\$10,000 to \$14,999	10.2	5.3	Q	7.4	9.3	11.5	11.3	13.2	Q	13.9
\$15,000 to \$19,999	10.7	Q	Q	9.0	9.5	11.4	12.0	12.2	Q	14.4
\$20,000 to \$24,999	11.0	Q	8.2	8.7	11.0	10.9	11.9	13.5	Q	14.7
\$25,000 to \$34,999	11.9	4.7	10.8	10.6	10.8	12.6	12.5	14.2	Q	8.8
\$35,000 to \$49,999	11.6	4.5	9.4	10.7	10.4	11.8	13.1	12.8	14.9	7.6
\$50,000 to \$74,999	11.8	Q	6.4	9.3	11.2	12.7	13.6	13.2	14.1	8.4
\$75,000 or More	12.3	Q	Q	11.4	10.8	12.8	13.9	12.7	Q	10.7
Below Poverty Line										
100 Percent	10.7	Q	Q	8.8	10.2	10.9	12.0	Q	Q	18.6
125 Percent	10.9	Q	8.3	9.2	10.3	11.3	12.2	12.6	Q	12.3
150 Percent	11.1	7.1	8.6	9.4	10.3	11.6	12.3	12.9	Q	11.0
Eligible for Federal Assistance ¹	10.9	6.6	8.4	8.9	10.2	11.4	12.1	12.8	15.5	10.4
Number of Drivers² (Fall 1993)										
1	10.3	5.2	8.1	7.2	8.9	11.2	11.4	13.0	Q	9.3
2	11.6	5.4	8.9	10.2	10.8	12.2	13.2	12.9	15.1	5.0
3	12.0	Q	10.7	11.1	10.9	12.3	13.1	12.8	15.2	10.0
4 or More	12.8	Q	Q	Q	12.4	12.4	14.1	14.6	Q	15.8
Age of Primary Driver										
16 to 17 Years	9.6	Q	Q	Q	Q	Q	Q	Q	Q	56.2
18 to 22 Years	12.9	Q	Q	Q	Q	Q	12.1	14.7	Q	16.6
23 to 29 Years	13.3	Q	Q	Q	8.4	14.5	13.6	16.7	Q	12.5
30 to 39 Years	12.2	6.1	8.6	11.7	11.2	12.6	13.9	13.2	16.1	8.1
40 to 49 Years	12.4	3.8	9.6	10.8	11.5	13.6	13.8	13.4	Q	7.6
50 to 59 Years	11.6	6.1	10.4	8.6	9.8	12.0	15.3	13.8	Q	11.0
60 to 69 Years	9.3	3.7	4.5	10.0	8.4	10.7	11.5	10.7	Q	12.4
70 to 79 Years	7.9	2.7	Q	4.9	7.4	9.8	9.1	11.8	Q	13.4
80 Years and Over	6.1	Q	Q	2.9	Q	Q	Q	Q	Q	26.7
Don't Know	11.5	Q	9.0	10.6	11.3	11.7	12.1	12.3	Q	10.5

See footnotes at end of table.

Table 5.13. U.S. Average Vehicle-Miles Traveled by Vehicle Fuel Efficiency Category, 1994 (Continued)
(Thousand Miles per Vehicle)

1993 Household and 1994 Vehicle Characteristics	All Fuel-Efficiency Categories	Fuel Efficiency (miles per gallon)								RSE Row Factor:
		10.9 or Less	11 to 12.9	13 to 15.9	16 to 18.9	19 to 21.9	22 to 24.9	25 to 25.9	30 or More	
RSE Column Factor:	0.4	2.7	2.5	1.3	0.9	0.7	0.7	0.7	1.2	
Sex of Primary Driver										
Female	11.7	Q	6.2	8.0	9.6	11.5	13.2	13.7	16.3	6.3
Male	11.1	4.7	9.4	9.7	10.2	13.0	13.4	13.4	15.6	5.4
Don't Know	11.5	Q	9.0	10.6	11.4	11.7	12.2	12.3	Q	10.4
Average Number of Vehicles per Household During the Year										
Part-Year Vehicle	Q	Q	Q	Q	Q	Q	Q	Q	Q	100.0
Only 1	10.7	Q	Q	6.9	9.5	11.4	11.8	12.7	Q	9.9
Between 1 and 2	12.6	Q	Q	11.9	11.0	13.7	14.1	13.3	Q	14.8
Only 2	11.6	6.0	8.9	10.2	10.6	11.9	12.9	12.7	14.6	6.5
Between 2 and 3	12.0	Q	8.2	10.3	11.7	12.4	13.8	14.8	Q	10.2
Only 3	10.9	5.2	9.4	9.8	9.4	12.1	12.9	12.5	Q	9.0
Between 3 and 4	12.7	Q	Q	Q	14.2	12.1	13.5	Q	Q	18.1
4 or More	11.4	Q	Q	10.0	10.3	12.4	12.7	14.6	Q	12.0
Vehicle Characteristics										
Model Year										
1994 to 1995	14.3	Q	Q	12.0	13.3	14.2	15.8	15.1	Q	12.1
1993	13.7	Q	Q	11.4	12.5	13.8	14.5	14.7	Q	12.1
1992	13.1	Q	Q	Q	12.3	12.8	14.5	13.7	Q	10.2
1989 to 1991	12.4	Q	11.6	10.6	11.0	12.2	13.3	13.3	Q	7.3
1986 to 1988	11.3	Q	5.4	9.4	9.0	11.6	12.0	12.4	15.1	8.7
1983 to 1985	10.6	Q	5.9	8.7	9.8	11.6	10.5	12.5	Q	10.4
1980 to 1982	9.8	Q	Q	8.4	10.1	10.0	Q	Q	Q	17.6
1977 to 1979	9.3	4.2	9.8	10.7	Q	Q	Q	Q	Q	10.7
1976 or Earlier	8.2	6.5	10.5	8.2	Q	Q	Q	Q	Q	12.2
Type of Vehicle										
Passenger Car	11.3	4.9	7.4	7.2	8.6	11.2	12.7	12.9	14.8	5.3
Minivan	13.4	Q	Q	Q	11.2	15.2	Q	Q	Q	7.1
Sport Utility	12.7	4.1	Q	12.5	13.5	15.8	Q	Q	Q	9.9
Large Van	11.7	Q	Q	12.5	Q	Q	Q	Q	Q	11.7
Pickup Truck	11.1	5.6	9.8	11.1	12.5	12.1	13.1	15.0	Q	8.1
Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	100.0
Engine Size (liters)										
2.49 or Less	11.7	Q	Q	2.8	6.2	9.3	11.3	12.9	14.7	7.2
2.50 to 3.49	12.1	Q	Q	5.1	9.7	12.3	14.5	Q	Q	7.4
3.50 to 4.49	11.7	Q	4.9	8.1	11.4	12.9	17.0	Q	Q	9.4
4.50 or Greater	10.5	5.8	9.6	11.1	11.3	14.3	Q	Q	Q	5.5
Number of Cylinders										
4	11.6	Q	Q	3.3	6.8	9.2	11.3	13.0	14.8	6.7
6	12.1	3.6	6.5	7.7	11.2	12.7	15.5	Q	Q	6.9
8	10.5	5.9	9.4	11.2	10.8	14.1	Q	Q	Q	5.6
Other	10.6	Q	Q	Q	Q	Q	Q	Q	Q	51.8

See footnotes at end of table.

Table 5.13. U.S. Average Vehicle-Miles Traveled by Vehicle Fuel Efficiency Category, 1994 (Continued)
(Thousand Miles per Vehicle)

1993 Household and 1994 Vehicle Characteristics	All Fuel-Efficiency Categories	Fuel Efficiency (miles per gallon)								RSE Row Factor:
		10.9 or Less	11 to 12.9	13 to 15.9	16 to 18.9	19 to 21.9	22 to 24.9	25 to 25.9	30 or More	
RSE Column Factor:	0.4	2.7	2.5	1.3	0.9	0.7	0.7	0.7	1.2	
Type of Transmission										
Automatic	11.4	5.6	8.7	9.8	10.5	12.2	13.1	13.0	Q	4.4
Manual Shift	11.6	5.5	9.2	9.3	10.2	11.3	11.7	13.0	14.6	8.6
Type of Drive										
Front-Wheel	11.9	Q	Q	6.0	7.9	11.3	12.8	12.9	14.4	5.4
Rear-Wheel	10.8	5.9	8.7	9.8	10.4	12.7	12.9	13.2	Q	6.6
4-Wheel	11.9	4.5	10.0	12.2	13.1	13.1	Q	Q	Q	7.0
Type of Fuel System										
Carburetor	10.5	5.4	9.3	9.5	10.3	11.5	11.8	12.3	14.2	6.2
Fuel Injection	12.4	Q	6.3	9.9	10.7	12.4	13.3	13.6	15.6	5.1
Diesel Engine	11.5	Q	Q	Q	Q	Q	Q	Q	Q	28.8
Type of Fuel Purchased										
Motor Gasoline	11.4	5.5	8.7	9.5	10.5	12.0	12.8	13.0	14.8	4.1
Unleaded	11.5	5.4	8.7	9.5	10.5	12.0	12.8	13.0	14.8	4.1
Regular Grade	11.5	5.6	9.1	9.7	10.5	11.9	12.8	13.0	15.1	5.0
Intermediate Grade	11.5	Q	6.6	8.6	11.3	12.1	12.7	13.1	Q	9.0
Premium Grade	11.2	4.6	8.7	9.6	10.0	12.3	12.7	12.9	Q	9.2
Leaded	Q	Q	Q	Q	Q	Q	Q	Q	Q	100.0
Gasohol	11.7	Q	Q	Q	Q	Q	Q	Q	Q	26.7
Diesel Fuel	12.0	Q	Q	Q	Q	Q	Q	Q	Q	31.6
Type of Primary Service										
Full-Service Pumps	9.9	Q	Q	7.0	8.8	10.2	11.9	11.8	Q	16.4
Self or Mini-Service Pumps	11.6	5.5	9.2	10.0	10.7	12.2	12.9	13.1	14.8	4.2
Both Equally	10.3	Q	Q	Q	Q	Q	Q	Q	Q	36.3
Bulk Sales/Other	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q
Vehicle Use for Commuting to and from Work										
Yes	12.3	6.6	10.0	10.9	11.4	12.6	13.4	13.4	15.1	4.6
No	10.0	4.8	7.8	8.2	9.3	11.1	11.8	12.1	13.9	7.0

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

² 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.