

**Table 11. Fuel Economy, Selected Survey Years (Miles Per Gallon)**

	Survey Years					
	1983	1985	1988	1991	1994	2001
<b>Total</b> .....	15.1	16.1	18.3	19.3	19.8	20.2
<i>Household Characteristics</i>						
<b>Census Region and Division</b>						
Northeast.....	15.6	NA	19.6	20.9	20.7	20.9
New England.....	16.5	NA	19.7	21.1	20.4	21.0
Middle Atlantic.....	15.3	NA	19.6	20.8	20.8	20.8
Midwest.....	14.8	NA	18.2	19.0	20.1	20.2
East North Central.....	14.9	NA	18.4	19.4	20.1	20.3
West North Central.....	14.5	NA	17.8	17.9	20.0	20.0
South.....	15.0	NA	18.0	19.2	19.6	20.2
South Atlantic.....	15.6	NA	19.0	20.2	20.2	20.6
East South Central.....	15.0	NA	17.6	18.6	19.0	19.7
West South Central.....	14.2	NA	16.8	18.0	18.9	19.7
West.....	15.4	NA	18.0	18.9	19.1	19.9
Mountain.....	15.1	NA	17.7	17.8	17.9	19.1
Pacific.....	15.4	NA	18.0	19.3	19.7	20.3
<b>Urban Status</b>						
Urban.....	15.3	NA	18.7	19.8	20.1	20.5
Rural.....	14.8	NA	17.2	18.0	18.8	19.5
<b>Household Size</b>						
1 Person.....	15.6	NA	18.4	19.1	20.5	20.6
2 Persons.....	15.4	NA	18.1	19.3	19.7	19.8
3 Persons.....	15.2	NA	18.8	20.1	20.1	20.6
4 Persons.....	15.4	NA	18.6	19.4	19.6	20.3
5 or More Persons.....	14.1	NA	17.9	18.3	19.6	20.1

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	1983	1985	1988	1991	1994	2001
<b>Household Composition</b>						
Households With Children.....	NA	NA	18.5	19.4	19.7	20.3
Age of Oldest Child						
Under 7 Years.....	NA	NA	19.1	20.0	20.0	20.6
7 to 15 Years.....	NA	NA	17.9	19.2	19.5	20.2
16 to 17 Years.....	NA	NA	19.0	19.1	19.9	20.4
Households Without Children.....	NA	NA	18.2	19.3	19.9	20.2
One Adult.....	NA	NA	18.4	19.1	20.5	20.6
Age of Householder						
Under 35 Years.....	NA	NA	20.3	20.7	21.6	21.3
35 to 59 Years.....	NA	NA	18.1	19.4	20.5	20.6
60 Years or More.....	NA	NA	16.7	17.5	19.7	20.3
Two or More Adults.....	NA	NA	18.1	19.4	19.7	20.0
Age of Householder						
Under 35 Years.....	NA	NA	19.7	21.1	21.6	21.7
35 to 59 Years.....	NA	NA	18.0	19.3	19.5	20.0
60 Years or More.....	NA	NA	17.1	18.3	18.8	19.2
<b>Race of Householder<sup>1</sup></b>						
White.....	15.3	NA	18.3	19.3	19.8	20.0
Black .....	13.3	NA	18.5	19.4	19.8	21.4
Other .....	16.0	NA	18.6	19.3	20.5	20.8
<b>Hispanic Descent</b>						
Yes .....	13.9	NA	17.8	18.3	19.7	20.8
No.....	15.2	NA	18.4	19.4	19.8	20.2

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	1983	1985	1988	1991	1994	2001
<b>Family Income (nominal)<sup>2,3,4</sup></b>						
Less than \$5,000.....	14.2	NA	NA	18.4	20.0	21.4
\$5,000 to \$9,999.....	13.9	NA	16.8	17.7	19.3	20.9
\$10,000 to \$14,999 .....	14.7	NA	17.0	18.2	19.4	20.5
\$15,000 to \$19,999 .....	14.0	NA	18.0	18.6	19.0	20.7
\$20,000 to \$24,999 .....	15.3	NA	18.2	17.9	19.8	20.6
\$25,000 to \$34,999.....	15.6	NA	18.2	19.0	19.6	20.6
\$35,000 to \$49,999.....	16.1	NA	19.0	20.3	20.0	20.2
\$50,000 to \$74,999 .....	NA	NA	19.2	20.1	20.4	20.2
\$75,000 or More .....	NA	NA	19.7	20.3	19.8	20.0
Don't Know.....	NA	NA	NA	NA	NA	19.9
<b>Number of Drivers</b>						
1.....	15.0	NA	18.3	19.1	20.2	20.8
2.....	15.2	NA	18.3	19.3	19.6	19.9
3 or More.....	15.2	NA	18.7	19.9	20.4	20.7
None/No Answer.....	15.7	NA	NA	NA	NA	NA
<b>Age of Primary Driver</b>						
16 to 17 Years.....	NA	NA	NA	20.7	21.2	22.0
18 to 22 Years.....	NA	NA	NA	21.9	22.1	22.4
23 to 29 Years.....	NA	NA	NA	20.9	22.0	21.8
30 to 39 Years.....	NA	NA	NA	20.6	19.7	20.3
40 to 49 Years.....	NA	NA	NA	19.4	19.7	20.0
50 to 59 Years.....	NA	NA	NA	18.7	19.2	19.9
60 to 69 Years.....	NA	NA	NA	18.5	18.7	19.4
70 to 79 Years.....	NA	NA	NA	17.5	18.5	19.3
80 Years and Over.....	NA	NA	NA	17.5	17.7	19.3
Don't Know.....	NA	NA	NA	18.9	19.9	19.6

**Table 11. Fuel Economy, Selected Survey Years (Miles Per Gallon)**

	Survey Years					
	1983	1985	1988	1991	1994	2001
<i>Vehicle Characteristics</i>						
<b>Type of Vehicle<sup>5</sup></b>						
Passenger Car .....	NA	17.2	19.7	21.1	21.9	23.4
Vans (Large and Minivans).....	NA	13.2	17.0	16.7	16.8	19.1
Sport Utility Vehicle .....	NA	12.7	15.4	16.2	16.3	17.0
Pickup Truck .....	NA	13.5	15.3	15.8	16.3	17.2
Recreational Vehicle.....	NA	NA	NA	NA	NA	5.3
Other.....	NA	9.6	8.3	Q	Q	NA
<b>Type of Fuel Purchased</b>						
Motor Gasoline.....	NA	15.3	18.3	19.3	19.8	NA
Unleaded .....	NA	17.1	19.1	19.6	19.9	NA
Regular Grade .....	NA	NA	18.9	19.4	20.0	NA
Intermediate Grade.....	NA	NA	19.6	20.3	20.3	NA
Premium Grade .....	NA	NA	19.6	19.6	19.3	NA
Leaded .....	NA	13.5	13.1	13.3	Q	NA
Gasohol .....	NA	NA	NA	20.5	17.7	NA
Diesel Fuel .....	NA	NA	21.5	22.0	17.8	NA

<sup>1</sup> = The "Other" Race of Householder category in the 2001 survey year was collapsed from 14 different race categories.

<sup>2</sup> = Family Income is nominal income for the previous year.

<sup>3</sup> = For 1983 and 1985, the \$35,000 to \$49,999 category includes all family incomes \$35,000 or more.

<sup>4</sup> = For 1988, the \$5,000 to \$9,999 category includes all family incomes less than \$10,000.

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<sup>5</sup> = The "Other" Type of Vehicle category was used in the survey years of 1985, 1988, 1991 and 1994. In the 2001 National Household Travel Survey (NHTS), the term "vehicle" included autos, passenger vans, sport utility vehicles, pickups and other light trucks, RV's, motorcycles and mopeds owned or available to the household. In the 2001 *Household Vehicles Energy Use: Latest Data & Trends* report, only light-duty vehicles and recreational vehicles are included. The Energy Information Administration excluded motorcycles, mopeds, large trucks, and buses in an effort to maintain consistency with its past residential transportation series, which was discontinued after 1994.

NA = Data is not available.

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

**Source:** Energy Information Administration, Office of Energy Markets and End Use, 1983, 1985, 1988, 1991 and 1994 Residential Transportation Energy Consumption Surveys and *Household Vehicles Energy Use: Latest Data & Trends*, DOE/EIA-464(2005).