

Table A5. U.S. Vehicle Fuel Economy by Model Year, 2001 (Miles per Gallon)

2001 Household and Vehicle Characteristics	All Model Years	Model Year														
		2001 to 2002	2000	1999	1998	1997	1996	1995	1992 to 1994	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979	1976 or earlier	Don't Know
<i>Household Characteristics</i>																
Total	20.2	20.1	20.3	20.3	20.6	20.9	20.7	21.0	20.5	20.7	20.1	19.5	18.0	14.4	19.6	13.7
Census Region and Division																
Northeast.....	20.9	20.6	20.6	21.0	21.2	21.1	21.1	21.8	21.2	21.2	20.2	19.5	17.7	14.8	19.1	13.9
New England.....	21.0	20.4	21.4	20.8	21.2	20.9	21.1	22.5	21.0	21.2	20.1	20.8	16.7	15.2	20.2	15.5
Middle Atlantic	20.8	20.6	20.3	21.1	21.2	21.3	21.1	21.4	21.2	21.2	20.3	19.0	18.1	14.5	18.6	13.3
Midwest	20.1	20.4	20.2	19.8	20.5	20.8	20.7	20.8	20.4	21.0	20.3	18.4	17.7	14.3	19.9	13.7
East North Central.....	20.2	20.5	20.3	19.8	20.5	20.7	20.8	21.0	20.4	20.7	20.5	18.1	17.3	14.7	20.0	14.0
West North Central	20.1	20.1	19.9	19.8	20.3	21.1	20.5	20.5	20.3	21.6	19.8	18.7	18.3	13.9	19.6	13.5
South.....	20.2	19.8	20.4	20.3	20.4	20.8	20.6	20.8	20.6	20.3	19.9	18.6	18.4	15.1	19.2	14.5
South Atlantic.....	20.6	20.6	20.7	21.0	20.6	21.1	20.8	21.1	21.0	21.1	20.0	18.4	18.5	16.0	19.5	14.0
East South Central.....	19.6	19.4	20.7	19.7	19.7	19.9	20.4	19.4	19.9	19.3	20.4	19.0	19.0	15.1	20.2	14.7
West South Central.....	19.8	18.9	19.8	19.6	20.4	20.8	20.3	21.0	20.4	19.3	19.2	18.9	18.0	13.7	17.9	15.1
West.....	19.9	19.6	19.8	20.4	20.7	21.2	20.3	20.8	20.1	20.7	20.4	21.1	17.8	13.8	20.1	13.2
Mountain	18.9	19.5	19.0	19.1	20.5	20.0	19.6	20.6	19.7	20.1	20.0	21.7	18.7	13.2	19.4	10.7
Pacific	20.4	19.7	20.1	20.9	20.8	21.8	20.7	21.0	20.3	20.9	20.5	20.9	17.2	14.1	20.5	15.4
Urban Status																
Urban	20.5	20.4	20.6	20.6	20.8	21.3	21.0	21.2	20.8	20.9	20.5	20.2	18.5	14.2	19.7	13.4
Rural	19.5	19.1	19.5	19.5	20.0	19.9	19.8	20.3	19.8	20.3	19.4	18.0	16.9	14.8	19.2	14.5
Household Size																
1 Person	20.7	20.5	20.9	20.4	21.7	21.5	21.0	22.1	20.8	20.8	20.5	19.7	18.3	15.1	20.1	13.6
2 Persons	19.8	20.1	20.0	20.2	20.2	20.8	20.6	20.5	20.0	20.2	19.6	18.8	17.6	14.1	19.7	12.2
3 Persons	20.6	20.2	20.6	20.6	21.2	21.4	21.1	21.7	21.0	20.9	20.7	18.8	16.9	13.8	19.6	15.6
4 Persons.....	20.4	19.6	20.1	20.3	20.7	20.6	20.6	20.9	21.0	21.0	19.9	20.8	19.0	15.1	18.9	15.0
5 Persons.....	20.2	20.4	20.6	20.2	20.3	20.8	20.0	20.3	20.4	21.2	21.0	19.4	17.6	14.3	19.5	15.3
6 or More Persons	19.6	21.2	18.7	19.3	18.6	20.1	21.1	18.9	22.0	20.7	20.3	18.9	16.3	13.4	20.3	12.8
Household Composition (EIA)¹																
Households With Children.....	20.3	19.9	20.4	20.1	20.4	20.8	20.5	20.9	20.8	21.0	20.3	20.4	18.4	14.3	19.2	14.8
Age of Oldest Child																
Under 7 Years.....	20.7	19.9	20.6	20.3	20.9	21.2	20.4	21.3	21.2	21.7	19.8	20.9	19.0	14.9	20.8	14.5
7 to 15 Years.....	20.1	19.7	20.0	19.9	20.1	20.6	20.6	20.6	20.7	20.7	20.3	20.4	18.4	13.2	19.4	14.6
16 to 17 Years.....	20.3	20.2	20.9	20.1	20.7	21.1	20.5	21.0	20.4	21.3	20.7	19.8	18.1	16.7	17.4	15.6
Households Without Children.....	20.2	20.2	20.2	20.5	20.8	21.1	20.8	21.1	20.3	20.4	20.0	18.7	17.5	14.5	19.9	13.0
One Adult.....	20.7	20.6	20.9	20.5	21.7	21.4	21.5	22.2	21.0	21.1	20.6	20.1	18.2	15.0	20.1	13.8
Age of Householder																
Under 35 Years.....	20.9	20.2	20.7	20.5	22.1	21.3	22.5	23.4	22.3	22.2	21.0	21.7	17.9	14.8	19.8	14.6
35 to 59 Years.....	20.7	20.2	20.7	20.2	21.5	21.8	20.4	22.5	20.8	20.9	20.3	19.9	18.4	15.2	21.3	13.6
60 Years or More.....	20.5	21.4	21.3	20.7	21.6	21.2	21.5	20.7	19.9	20.2	20.6	18.7	18.3	15.1	19.1	13.1
Two or More Adults.....	20.0	20.4	20.2	20.7	20.9	21.4	20.8	21.1	20.5	20.5	20.1	18.5	17.0	14.2	20.0	13.0

Table A5. U.S. Vehicle Fuel Economy by Model Year, 2001 (Miles per Gallon)
(Continued)

2001 Household and Vehicle Characteristics	All Model Years	Model Year														
		2001 to 2002	2000	1999	1998	1997	1996	1995	1992 to 1994	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979	1976 or earlier	Don't Know
Age of Householder																
Under 35 Years.....	21.6	21.7	20.7	21.5	22.1	23.2	21.3	23.4	22.0	22.1	21.2	19.2	16.9	14.3	21.6	13.2
35 to 59 Years.....	19.9	19.8	20.0	20.6	20.1	20.3	21.0	20.7	20.1	20.1	20.0	19.3	18.2	14.6	19.2	14.1
60 Years or More.....	19.3	19.7	19.9	20.0	20.6	20.6	20.1	19.3	19.3	19.4	19.1	16.9	15.8	13.8	19.1	11.8
Household Composition (NHTS)²																
One adult, no children	20.9	20.5	20.9	20.4	21.7	21.7	21.3	22.5	21.2	21.1	20.5	20.4	19.5	15.1	20.2	14.1
2+ adults, no children	20.4	20.4	20.0	20.8	20.6	21.4	21.0	21.4	20.5	20.7	19.8	19.3	17.7	14.6	20.6	13.6
One adult, youngest child 0-5 ...	22.7	21.2	23.5	22.8	23.9	22.1	21.8	21.7	21.2	22.9	22.9	23.1	10.4	12.2	22.4	14.2
2+ adults, youngest child 0-5 ...	20.4	19.8	20.2	20.0	20.2	20.9	20.5	21.0	21.0	21.7	20.0	20.0	18.3	14.5	20.0	14.1
One adult, youngest child 6-15 ..	21.4	20.2	21.6	20.9	20.5	22.4	21.6	21.2	22.0	22.4	23.0	21.4	19.5	15.0	22.6	16.4
2+ adults, youngest child 6-15 ..	20.0	19.8	20.3	20.0	20.3	20.4	20.2	20.6	20.4	20.1	19.9	20.5	18.6	13.5	18.7	15.0
One adult, youngest child 16-21 .	22.0	21.8	20.7	22.2	23.4	22.3	21.4	22.2	22.5	21.6	21.8	19.2	18.8	15.4	18.8	17.5
2+ adults, youngest child 16-21 .	20.7	20.3	21.0	20.8	21.2	21.5	20.9	21.5	20.8	21.1	20.8	19.8	18.9	16.5	18.3	15.0
One adult, retired, no children .	19.7	20.9	21.0	20.1	20.9	21.0	19.9	20.5	19.5	20.0	20.7	18.4	16.8	15.1	20.0	12.8
2+ adults, retired, no children .	19.1	19.4	19.9	19.8	20.4	20.1	20.6	19.5	19.4	19.4	19.4	16.9	16.1	13.7	18.7	11.8
Race of Householder																
White.....	20.0	19.9	20.1	20.1	20.5	20.7	20.6	20.7	20.4	20.4	20.0	19.0	17.6	14.2	19.3	13.4
Black	21.3	21.1	22.1	21.6	21.4	22.2	21.7	22.4	21.4	21.9	21.0	19.3	18.3	15.8	21.3	15.2
Other	20.7	19.9	21.3	21.8	21.5	21.7	21.4	21.6	20.8	22.0	20.5	21.1	19.6	17.0	20.5	16.0
Hispanic Descent																
Yes	20.6	20.3	20.9	20.0	20.2	22.2	21.2	22.0	21.2	21.2	20.0	21.3	20.6	15.3	20.1	15.3
No.....	20.2	20.0	20.3	20.3	20.7	20.8	20.6	20.9	20.5	20.7	20.2	19.2	17.8	14.4	19.5	13.6
Family Income																
Less than \$5,000.....	20.9	25.5	21.2	19.3	22.5	24.2	26.7	22.8	21.6	22.5	21.9	20.4	9.0	13.5	19.4	14.7
\$5,000 to \$9,999.....	21.2	20.7	21.4	19.6	21.4	21.5	21.5	23.5	21.3	22.0	20.6	19.0	19.0	14.6	21.4	14.4
\$10,000 to \$14,999	20.7	21.4	20.5	20.6	20.3	22.9	21.4	21.9	21.0	21.0	20.9	16.2	20.3	16.0	21.8	12.5
\$15,000 to \$19,999	20.8	21.0	22.4	20.0	22.6	21.6	23.1	21.5	20.9	21.5	20.4	20.0	16.0	15.7	19.7	14.9
\$20,000 to \$24,999	20.7	19.6	22.3	20.9	21.7	21.1	20.7	22.3	19.9	21.5	19.9	21.7	20.3	12.8	20.7	14.6
\$25,000 to \$34,999.....	20.6	19.8	20.9	20.5	21.2	21.9	20.9	21.4	20.7	21.1	20.3	19.7	17.6	15.1	20.8	14.6
\$35,000 to \$49,999.....	20.2	20.3	20.7	21.0	20.8	20.8	20.4	20.4	20.5	20.3	19.8	19.4	17.0	14.0	18.2	15.2
\$50,000 to \$74,999	20.2	20.2	20.5	20.6	20.5	20.4	20.7	20.9	20.7	20.4	20.3	20.0	17.7	14.9	19.3	11.1
\$75,000 or More	19.9	19.9	19.7	19.8	20.1	20.8	20.4	20.8	20.4	20.3	19.5	19.6	19.2	12.3	20.0	14.4
Don't Know.....	19.6	19.8	20.2	20.8	20.5	21.8	20.1	20.6	19.6	20.3	20.6	18.9	19.0	15.2	18.1	13.0
Income Relative to Poverty Line																
Below 100 Percent.....	20.7	21.5	21.5	19.7	22.0	21.8	23.0	21.9	21.4	21.7	20.9	17.5	18.2	15.0	20.6	15.0
100 to 150 Percent	20.7	19.0	21.3	21.2	21.0	21.8	21.6	21.4	20.9	22.0	20.6	21.3	17.4	15.6	21.1	15.5
Above 150 Percent	20.2	20.1	20.3	20.3	20.6	20.8	20.6	20.9	20.5	20.5	20.0	19.6	17.9	14.2	19.5	13.6
Don't Know.....	19.8	19.8	20.2	20.8	20.5	21.8	20.1	20.6	19.6	20.3	20.6	18.9	19.0	15.2	18.1	13.0
Number of Drivers																
1.....	20.3	21.0	21.0	20.3	21.5	21.5	21.0	21.9	20.7	21.1	20.8	20.3	16.7	15.1	21.5	14.3

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		2001 to 2002	2000	1999	1998	1997	1996	1995	1992 to 1994	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979	1976 or earlier	Don't Know
2.....	19.9	19.7	19.9	20.1	20.1	20.6	20.5	20.6	20.4	20.5	19.6	19.0	18.2	13.8	18.6	12.9
3.....	20.7	20.1	20.8	20.4	21.7	21.4	21.1	21.3	21.0	20.5	20.7	19.7	18.1	15.3	20.4	15.4
4 or More	21.8	20.0	21.7	20.9	20.1	22.5	20.3	19.3	22.7	21.0	20.5	19.2	20.8	16.2	20.9	13.7
Age of Primary Driver																
16 to 17 Years.....	20.9	20.5	22.2	21.9	22.8	22.2	23.1	23.4	22.4	22.1	24.5	20.7	17.4	13.7	19.0	17.3
18 to 22 Years.....	21.4	20.4	23.3	22.5	22.7	23.5	23.2	24.1	22.4	23.1	23.1	20.5	18.5	17.0	20.9	16.1
23 to 29 Years.....	20.6	20.9	21.3	21.5	22.0	22.8	22.2	23.1	22.6	22.5	20.9	23.2	18.5	14.9	20.7	12.2
30 to 39 Years.....	19.5	20.1	20.2	20.0	20.3	20.7	20.4	20.6	20.8	21.1	20.6	20.1	18.0	15.0	19.6	14.9
40 to 49 Years.....	19.4	20.0	19.9	20.2	20.3	20.9	20.3	20.6	20.0	20.4	20.1	19.8	19.2	14.9	19.2	14.5
50 to 59 Years.....	19.0	20.0	19.9	20.2	20.9	20.5	20.4	20.6	19.9	20.4	19.5	19.2	16.8	13.8	19.1	14.2
60 to 69 Years.....	18.6	19.6	19.9	19.9	20.9	20.3	20.3	19.5	19.9	19.2	19.5	18.1	18.1	14.6	19.4	9.8
70 to 79 Years.....	18.8	19.7	20.0	20.1	21.0	20.5	19.6	19.8	19.1	19.4	19.1	15.2	21.0	14.7	18.5	14.3
80 Years and Over.....	19.0	22.1	21.0	20.7	21.1	20.6	20.9	19.6	20.2	19.7	18.2	18.2	16.5	14.8	22.1	10.0
Don't Know.....	19.0	19.4	20.7	19.9	19.3	19.9	20.5	20.8	20.2	20.2	19.7	19.4	17.4	13.3	19.4	14.8
Sex of Householder																
Male.....	20.0	19.9	20.3	20.1	20.8	20.8	20.4	20.5	20.5	20.3	20.0	19.8	17.7	14.8	20.1	12.9
Female	20.4	20.2	20.3	20.4	20.5	21.1	20.9	21.3	20.6	21.1	20.3	19.2	18.2	14.1	19.4	14.6
Vehicle Characteristics																
Type of Vehicle																
Passenger Car	23.4	24.0	23.9	24.2	24.1	24.2	23.9	24.2	23.5	23.1	22.9	22.0	20.1	15.4	22.8	15.1
Vans (Large and Minivans).....	19.1	19.5	19.9	19.8	19.9	19.4	19.2	19.0	18.7	18.4	18.0	17.2	19.6	16.6	19.4	17.0
Sport Utility Vehicle	17.0	17.6	17.3	16.9	17.2	17.3	17.2	16.5	16.7	16.7	16.9	17.5	14.8	14.4	16.7	14.3
Pickup Truck	17.2	16.9	17.3	17.1	17.1	17.5	17.4	17.9	17.3	16.9	17.8	17.7	18.0	15.4	17.3	14.9
Recreational Vehicle.....	5.0	5.9	6.6	6.0	8.5	5.4	5.1	5.2	5.3	4.8	4.6	5.0	4.6	4.4	5.0	5.2

1 = "Household Composition (EIA)" represents an equivalent category with previous household transportation studies conducted by the Energy Information Administration (EIA).

2 = "Household Composition (NHTS)" represents an equivalent category in the National Household Travel Survey (NHTS) conducted by the U.S. Department of Transportation.

underlined = Estimate, when rounded, displays as a zero value.

in red, italic format = Data withheld either because the relative standard error was greater than 50 percent or fewer than 10 reporting units were sampled.

Notes: ■ "Gallons" and "Miles Per Gallon" are displayed in Gallon of Gasoline Equivalent (GGE) units due to the non-gasoline and diesel vehicles in the augmented NHTS data. ■ Data in this table are for households with passenger vehicles operated for residential transportation. ■ See glossary for definitions used in this table. ■ "Income Relative to Poverty Line" category was calculated by evaluating the categorical average of household with Poverty Thresholds for 2001 by Size of Family and Number of Related Children Under 18 Years (<http://www.census.gov/hhes/poverty/threshld.html>), as published by the U.S. Department of Commerce, U.S. Census Bureau. ■ Because of independent rounding, data may not sum to totals. ■ "Householder" is defined as the person identified as the household respondent by the NHTS.

Sources: ■ Energy Information Administration (EIA), Office of Oil and Gas, Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report," Form EIA-782B, "Resellers'/Retailers' Monthly Petroleum Product Sales Report," Form EIA-888, "On-Highway Diesel Fuel Price Survey," Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," ■ EIA, Office of Coal, Nuclear, Electric, and Alternate Fuels, Form EIA-

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(Continued)**

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		2001 to 2002	2000	1999	1998	1997	1996	1995	1992 to 1994	1989 to 1991	1986 to 1988	1983 to 1985	1980 to 1982	1977 to 1979	1976 or earlier	Don't Know

826, "Monthly Electric Utility Sales and Revenue Report with State Distributions." U.S. Department of Transportation, 2001 National Household Travel Survey (NHTS), January 2004 public-use file augmented by EIA. See http://www.eia.doe.gov/emeu/rtecs/nhts_survey/2001/index.html for details on augmentations to NHTS public-use data.