

**Save fuel. \$ave money.**

# Fuel Economy Guide

MODEL YEAR  
**2022**

**[fuel economy.gov](https://fuel economy.gov)**



U.S. DEPARTMENT OF  
**ENERGY**

U.S. Department of Energy  
Office of Energy Efficiency and Renewable Energy  
U.S. Environmental Protection Agency



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We hope you find the *Fuel Economy Guide* easy to use! Fuel economy and annual fuel cost data are organized by vehicle class (see page 1 for a list of classes). Within each class, vehicles are listed alphabetically by manufacturer and model.

Vehicle models with different features, such as engine size or transmission type, are listed separately. Engine and transmission attributes are shown in the first column under the model name.

Additional attributes needed to distinguish among vehicles (e.g., fuel type or suggested fuel grade) are listed in the "Notes" column. A legend for abbreviations is provided on page 10.

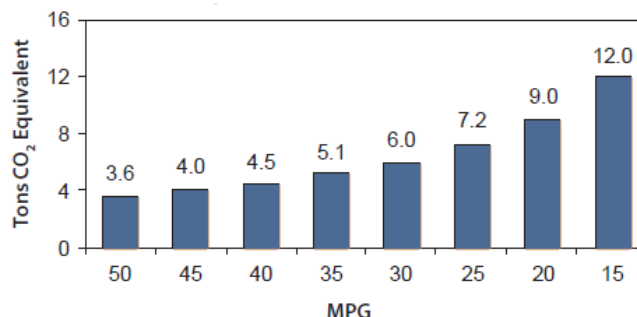
A "P" in the "Notes" column indicates that the manufacturer *recommends* that the vehicle be fueled with premium-grade gasoline, and a "PR" indicates that the manufacturer *requires* premium. The higher price of premium fuel is reflected in the annual fuel cost of these vehicles.

The most fuel-efficient vehicles in each class and alternative fuel vehicles are indicated with special markings (see the diagram below). Vehicles that can use more than one kind of fuel have an entry for each fuel type. Interior passenger and cargo volumes are located in the index at the back of the *Guide*.

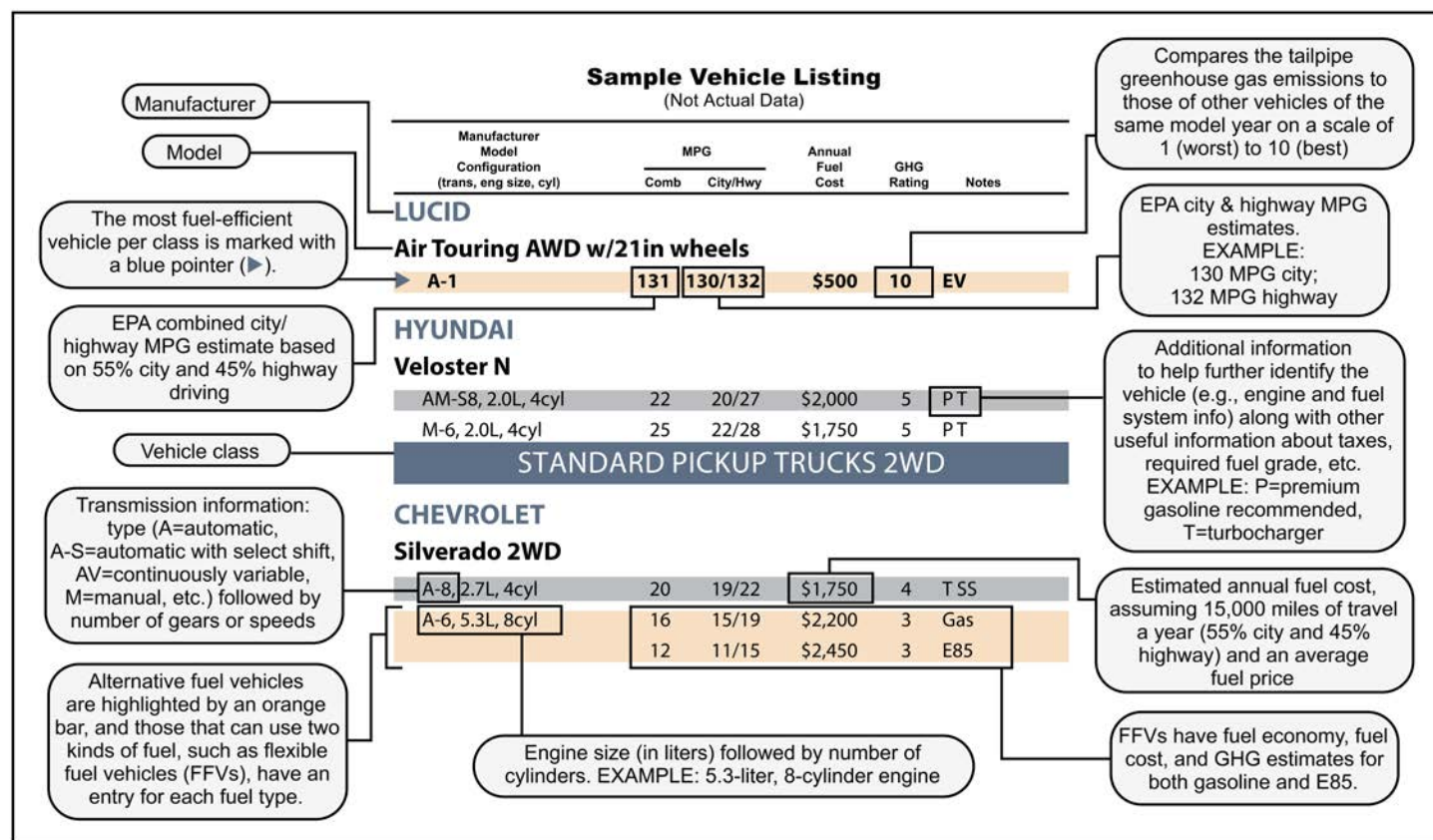
Each vehicle listing includes a greenhouse gas (GHG) rating on a scale of 1 (worst) to 10 (best). This rating is a comparison of the tailpipe GHG emissions of the vehicle to those of other vehicles of the same model year.

Highway vehicles account for about 24% (1.6 billion tons) of U.S. greenhouse gas emissions each year. The average recent-model vehicle causes the release of 6 to 9 tons of GHGs each year. Switching from a vehicle that gets 20 miles per gallon (MPG) to one that gets 25 MPG can reduce GHG emissions by 1.7 tons per year. Switching to an electric vehicle could reduce your GHG emissions even more. Check out EPA and DOE's Beyond Tailpipe Emissions Calculator to estimate the GHG emissions from owning a plug-in electric vehicle where you live ([fuelconomy.gov/feg/Find.do?action=bt2](http://fuelconomy.gov/feg/Find.do?action=bt2)).

**Annual Greenhouse Gas Emissions  
by Vehicle MPG  
(gasoline vehicles)\***



\*Includes both tailpipe and upstream emissions





# 2022 MODEL YEAR VEHICLES

This section contains the fuel economy values for 2022 model year vehicles. Additional information for alternative fuel vehicles can be found on pages 38–51. Alternative fuel vehicles are highlighted

with an orange bar, and those that can use two kinds of fuel, such as flexible fuel vehicles, have an entry for each fuel type. The most fuel-efficient vehicles in each class are marked with a blue pointer (▶).



**ABBREVIATIONS USED IN THIS GUIDE:**

▶..... Highest MPG in Class	E85.....85% Ethanol/15% Gasoline	Mode..... Multimode Transmission
2WD..... Two-Wheel Drive	Eng Size..... Engine Volume in Liters	MPG..... Miles per Gallon
4WD..... Four-Wheel Drive	EV.....Electric Vehicle	NA.....Not Available
A..... Automatic Transmission	FFV..... Flexible Fuel Vehicle	Ni-MH..... Nickel-Metal Hydride
A-S..... Automatic Transmission-Select Shift	FWD..... Front-Wheel Drive	P..... Premium Gasoline Recommended
AM..... Automated Manual	Gas..... Regular Gasoline	PHEV..... Plug-in Hybrid Electric Vehicle
AM-S.....Automated Manual-Selectable	GHG..... Greenhouse Gas	PR.....Premium Gasoline Required
AV.....Continuously Variable Transmission	GPF.....Gasoline Particulate Filter	PT4..... Part-time 4WD
AV-S..... Continuously Variable Transmission with Select Shift	GVWR..... Gross Vehicle Weight Rating	RWD.....Rear Wheel Drive
AWD..... All-Wheel Drive	HP.....Horsepower	S..... Supercharger
CD ..... With Cylinder Deactivation	HEV.....Hybrid-Electric Vehicle	S-Mode..... Transmission with Sport Mode
City..... MPG on City Test Procedure	Hwy.....MPG on Highway Test Procedure	Spt Pkg.....Sport Package
Cyl..... Cylinders	Li-ion.....Lithium ion	SS.....Stop-Start Technology
Comb..... Combined	LWB..... Long Wheelbase	T..... Turbocharger
D..... Ultra-Low Sulfur Diesel	M..... Manual Transmission	Tax..... Subject to Gas Guzzler Tax
	MDPV..... Medium-Duty Passenger Vehicle	Trans..... Transmission
	Mid..... Midgrade Gasoline	XFE..... Optional Technology Package
	MHEV.....Mild Hybrid-Electric Vehicle	