

Fueleconomy.gov Website: Overview of Tools and Information

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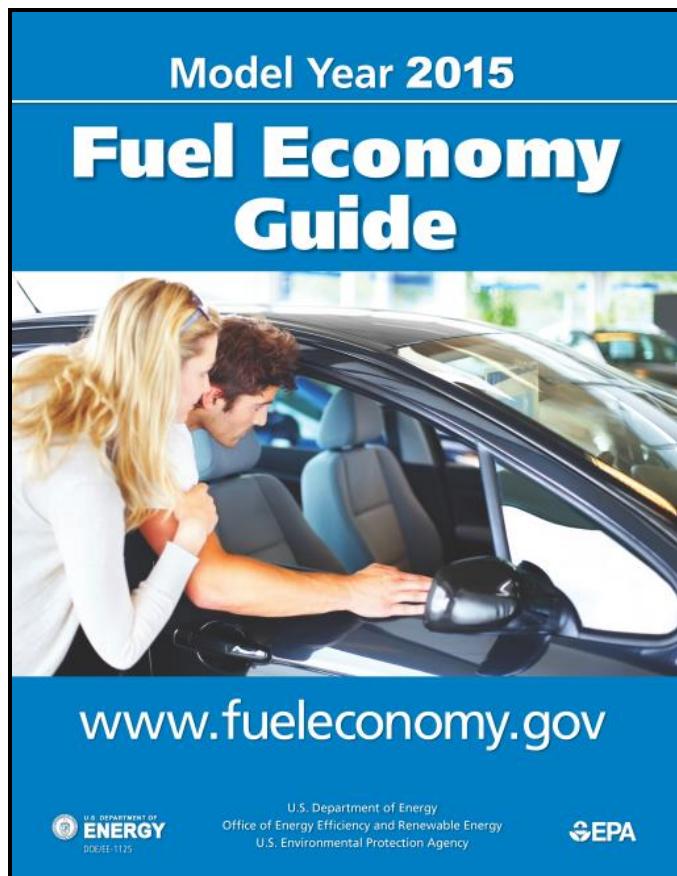
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August 6, 2015



The Clean Cities Fuel Economy Information Project meets DOE's statutory requirement to provide fuel economy information to the public, and then some.

(Energy Policy and Conservation Act of 1975 - 49 USC 32908, 2006)



U.S. DEPARTMENT OF ENERGY Energy Efficiency & Renewable Energy
Office of Transportation & Air Quality U.S. ENVIRONMENTAL PROTECTION AGENCY
www.fueleconomy.gov
the official U.S. government source for fuel economy information
Mobile Español Site Map Links FAQ Videos

Find a Car Save Money & Fuel Benefits My MPG Advanced Cars & Fuels About EPA Ratings More...

Want to know more about hybrid and electric car options?
We can help.

Find & Compare Cars
Compare Side-by-Side
Power Search
Mobile Find-a-Car

My MPG
Calculate or Share Your MPG
Estimates from Drivers Like You
Enter Your MPG at the Pump

Save Money
Gas Mileage Tips
Fuel Cost Calculator
Find the Cheapest Gas

Hybrids & Electrics
Hybrids
Plug-in Hybrids
All-Electric Vehicles

Calculators and Other Tools
Fuel Savings Calculator
Trip Calculator
Can a Hybrid Save Me Money?
My Plug-in Hybrid Calculator
Used Car Label Tool
Developer Tools
Find a Car Widget

New on fueleconomy.gov...
2015 Fuel Economy Data Updated
2015 Fuel Economy Guide
2015 Best and Worst Fuel Economy
2015 Top 10 Most Efficient Vehicles

Quick Picks
Can a Hybrid Save Me Money? Video - How Plug-in Hybrids Save Money
Extreme MPG
Motorweek Videos
Top 10 - Most Efficient Vehicles, Myths and More
My Plug-in Hybrid Calculator

Related Links
Clean Cities
Alternative Fuels Data Center
Vehicle Cost Calculator
Station Locator
EPA Climate Change Website
EV Explorer

Contacts | Download EPA's MPG Ratings | Find and Compare Cars | USA.gov | Info for Auto Dealers | Privacy/Security | Feedback

This site last modified Tuesday July 28 2015

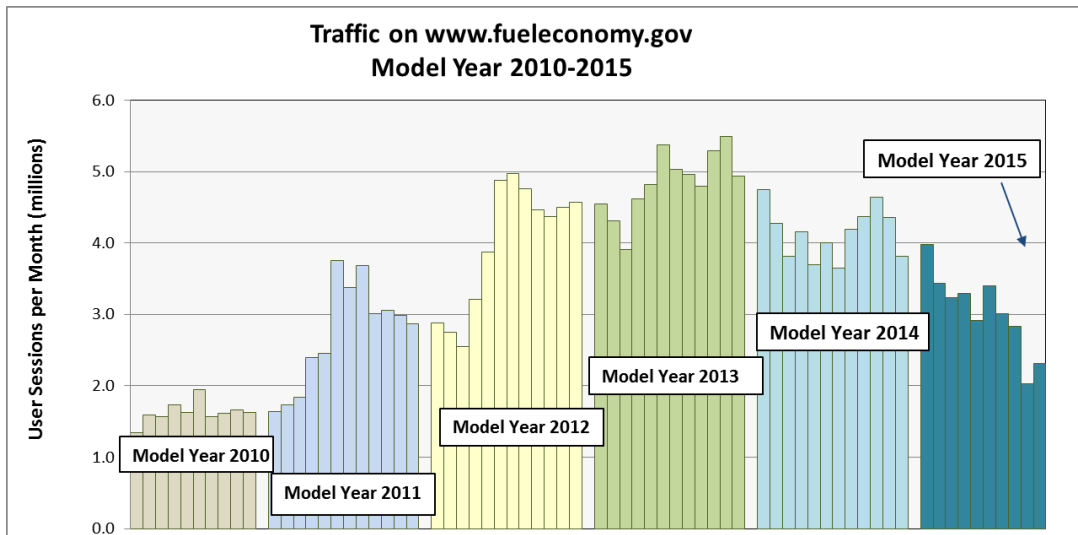
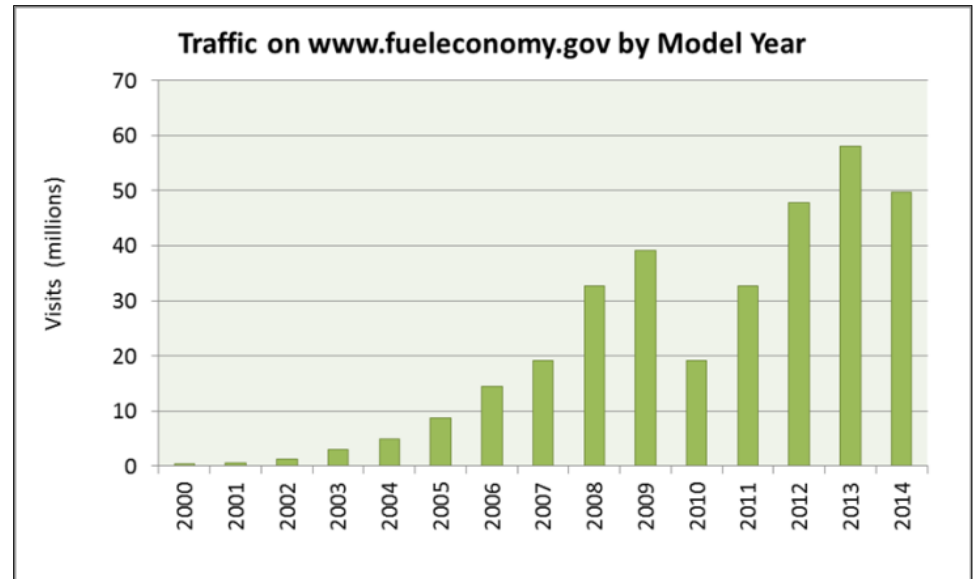
Fuel Economy Guide

- The electronic version of the Guide is updated weekly with new vehicle data and up-to-date fuel prices.
- You may also order copies of the printed Guide from the Government Printing Office at no charge.

The screenshot shows the homepage of www.fueleconomy.gov, which is the official U.S. government source for fuel economy information. The navigation menu includes links for 'Find a Car', 'Save Money & Fuel', 'Benefits', 'My MPG', 'Advanced Cars & Fuels', and 'About EPA Rating'. The main content area features a prominent section titled 'Print the Fuel Economy Guide' with a thumbnail image of the 2015 Fuel Economy Guide cover. The cover includes the text 'Model Year 2015 Fuel Economy Guide' and the website URL. Below the thumbnail is a link to 'Adobe Acrobat (PDF)'. To the right of the thumbnail is a 'Select a Model Year' dropdown menu currently set to '2016 (Preliminary)' with a 'Go' button. Below this is a section titled 'Find and Compare Cars from 1984 to the Present' with a description of the 'Find-a-Car' feature and a 'Go to Find a Car' button. At the bottom right, there is a box titled 'Updated Weekly!' stating that the website's content is updated weekly with new vehicle data and fuel cost estimates.

Fueleconomy.gov Traffic Remains High

- MY14 was our second best year with >49.7 million user sessions.
- Since 1999, >360 million user sessions.



- So far in MY15, >30 million user sessions.
- Low gas prices are taking a toll.

FE.gov: "Find and Compare Cars" is most popular section

- Provides fuel economy estimates and other data for light duty vehicles 1984-2016
- Users compared over 200 million vehicles in 2014
- 36% of Find a Car searches in MY14 were for new cars (2013-2015), but 64% were for older vehicles.



The screenshot shows the 'Compare Side-by-Side' page on www.fueleconomy.gov. It compares four vehicles: 2015 Nissan Leaf (Electric Vehicle), 2015 Toyota Prius c (Hybrid Vehicle Gasoline), 2015 Chevrolet Volt (Plug-in Hybrid Vehicle Gasoline-Electricity), and 2015 Dodge Dart (Gasoline Vehicle). The page displays various metrics including EPA Fuel Economy, unofficial MPG estimates, and cost comparisons.




Vehicle	2015 Nissan Leaf	2015 Toyota Prius c	2015 Chevrolet Volt	2015 Dodge Dart
EPA Fuel Economy 1 gallon of gasoline = 33.7 kWh	Electricity 114 MPGe combined city/highway 30 kWh/100 mi	Regular Gasoline 50 MPG combined city/highway 2.0 gal/100mi	Electricity 98 MPGe combined city/highway 35 kWh/100mi	Regular Gasoline 27 MPG combined city/highway 3.7 gal/100mi
Unofficial MPG Estimates from Vehicle Owners	Average based on 1 vehicle 151.7 mpg	User MPG estimates are not yet available for this vehicle	Average based on 1 vehicle 74.0 mpg	Average based on 1 vehicle 27.4 mpg
You Save or Spend*	You SAVE \$5,000 in fuel costs over 5 years compared to the average new vehicle	You SAVE \$4,000 in fuel costs over 5 years compared to the average new vehicle	You SAVE \$3,750 in fuel costs over 5 years compared to the average new vehicle	You SAVE \$1,000 in fuel costs over 5 years compared to the average new vehicle
Annual Fuel Cost*	\$550	\$750	Electricity + Gasoline: \$800	\$1,350
Cost to Drive 25 Miles	\$0.89	\$1.22	\$1.05 (driving on elec only) \$1.91 (driving on gas only)	\$2.27
Cost to Fill the Tank		\$23	\$26 (gas only)	\$35
Tank Size		9.5 gallons	9.3 gallons	14.2 gallons

*Based on 45% highway, 55% city driving, 15,000 annual miles and current fuel prices. [Personalize](#). MSRP and tank size data provided by Edmunds.com, Inc. Range on a tank and refueling costs assume 100% of fuel in tank will be used before refueling.

Data for MY16 Vehicles Now Available

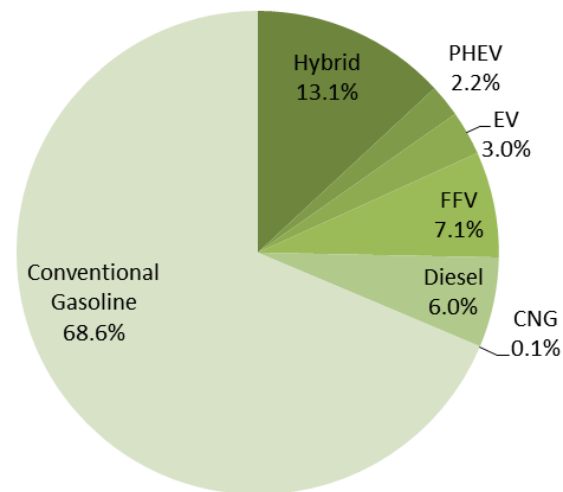
- First MY16 vehicles added in January 2015
- Currently have data for nearly 700 MY16 vehicles, including 36 flex fuels, four plug-in hybrids, two all-electrics, and two fuel cell
- New vehicles are added each week

2016 Hyundai Tucson Fuel Cell			2016 Toyota Mirai		
					
Economy and Related Estimates					
50	49	51	66	66	66
comb	city	hwy	comb	city	hwy
265			312		
\$1,700			\$1,250		
Vehicle Characteristics					
Small SUV			Subcompact Car		
AC Induction (100kW)					
180 V Lithium Ion			245 V NiMH		
Select dealers in California (lease only)			Select dealers in California initially (sale or lease)		

Fuel Economy		Energy and Environment				View 10	
Sorted by Combined MPG. Click on column headings to resort.							
Compare up to 4 vehicles		EPA Fuel Economy (MPG)		Our User's Average MPG		Fuel Cost	
Vehicle Name		City	Comb	Hwy			
<input type="checkbox"/>	2016 Ford Fusion Energi Plug-in Hybrid 2.0 L, 4 cyl, Automatic (variable gear ratios), Gas and Electricity		88		Not Available		\$900 per year
Compare		Elec + Gas		Combined (MPGe)			
				.0 gal/100 mi of gas plus 37 kW-hrs/100 mi			
		Gas Only	40	38	36		
		City	Combined	Highway			
MSRP: \$33,900 - \$35,730							
<input type="checkbox"/>	2016 Porsche Panamera S E-Hybrid 3.0 L, 6 cyl, Auto(AM-S8), Supercharger, Gas and Electricity		51		Not Available		\$1,600 per year
Compare		Elec + Gas		Combined (MPGe)			
				.5 gal/100 mi of gas plus 51 kW-hrs/100 mi			
		Gas Only	23	25	29		
		City	Combined	Highway			
<input type="checkbox"/>	2016 Porsche Cayenne S e-Hybrid 3.0 L, 6 cyl, Auto(AM8), Supercharger, Premium Gas or Electricity		47		Not Available		\$1,800 per year
Compare		Elec		Combined (MPGe)			
				69 kW-hrs/100 mi			
		Gas Only	21	22	24		
		City	Combined	Highway			

Electric drive vehicles are quite popular on Fueleconomy.gov

Compare Side-by-Side New Cars Searches Only	
Hybrid	5,715,719
PHEV	952,130
EV	1,292,966
FFV	3,090,252
Diesel	2,621,671
CNG	30,313
Conventional Gasoline	29,946,240
Total	43,649,291



MY 2013-2015 vehicles

Total Electric Drive Market Share in 2014: 3.5% (*Electric Drive Transportation Association*)
EDTA data is for conventional hybrid and plug-in electric drive vehicles

Improving our information on electric drive vehicles

About Hybrid and Electric Cars

With all of the new hybrid and electric-drive technologies now on the market, it can be hard to tell them apart. Here are some guidelines to help you understand the differences between the major hybrid and electric car types.



Hybrids

Hybrid cars are fueled with gasoline only. They recapture some energy during braking and store it as electricity which can help power the car. These hybrids cannot be plugged in and charged, but they can be very fuel efficient.

[More about hybrids...](#)



Plug-in Hybrids

Plug-in hybrids can be fueled with both gasoline and electricity from an outlet or charger. Some can go over 70 miles on electricity alone, and all can operate solely on gasoline—like a regular hybrid—when necessary. Some types of plug-in hybrids are called extended range electric vehicles (EREVs).

[More about plug-in hybrids...](#)



All-Electric Cars

All-electric cars use only electricity and must be plugged in to charge.

[More about all-electric cars...](#)

You are here: [Find a Car Home](#) > [Side-by-Side Select](#) > Compare Side-by-Side

Compare Side-by-Side

[Fuel Economy](#) [Energy and Environment](#) [Safety](#) [Specs](#)

[Personalize](#)

2014 BMW i3 BEV	2015 Chevrolet Volt
 Electric Vehicle	 Plug-in Hybrid Vehicle Gasoline-Electricity
Automatic (A1)	1.4 L, 4 cyl, Automatic (variable gear ratios)
MSRP: \$41,350	MSRP: \$34,170
	Plug-in Hybrid Calculator
EPA Fuel Economy 1 gallon of gasoline=33.7 kWh Show electric charging stations near me	Electricity 124 MPGe combined city/highway 27 kWh/100 mi
	Electricity 98 MPGe combined city/highway 35 kWh/100mi
	Prem. Gas 37 MPG combined city/highway 2.7 gal/100mi
 81 miles Total Range	 38 miles Electricity 380 miles Total Range
About All-Electric Cars	About Plug-in Hybrid Cars

- Created new electric drive splash page using pump and plug icons from AFDC
- Added links from Find a Car to
 - more information about electric drive vehicles
 - embedded version of the AFDC station locator presorted to EV stations
- More changes are in the works

Did you know? There is a Spanish-language version of Fueleconomy.gov

U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy | Office of Transportation & Air Quality | U.S. ENVIRONMENTAL PROTECTION AGENCY

www.ahorremosgasolina.org
el Sitio Oficial del Gobierno para Información en el Ahorro de Combustible

Móvil | Inglés | Mapa del Sitio | Enlaces | Preguntas Frecuentes | Vídeos | Contactos

Encuentre un Auto | Ahorre Dinero y Gasolina | Beneficios | Mis MPG | Vehículos y Combustibles Avanzados | Los Estimados de la EPA | Más...

Estimados de Ahorro de Combustible para más de 30,000 Vehículos Nuevos y Usados
Incluyendo híbridos enchufables y vehículos eléctricos
[Compare y Encuentre Autos En Línea](#)
[Listas de los vehículos más eficientes](#)

Encuentre y Compare Autos
Estimados de MPG para autos nuevos y usados
[Compare Lado a Lado](#)
[Búsqueda Avanzada](#)

Mis MPG en inglés
Calcule y Comparta Sus MPG
Estimados de Conductores Como Usted
Regístre sus MPG en la bomba de despacho de gasolina

Ahorre Dinero
Consejos para Aprovechar su Combustible
Calculador de Costo de Combustible
Encuentre la Gasolina Más Barata

Híbridos y Eléctricos
Híbridos
Híbridos Enchufables
Vehículos Eléctricos

Calculadores y Herramientas
Calculador Ahorro Combustible
Calculador de Viajes [en inglés](#)
Mi Calculador Híbrido Enchufable [en inglés](#)
Herramienta: Engomado Para Carros Usados
Herramientas de Desarrollo [en inglés](#)

Novedades en ahorremosgasolina.org...
Estimados de Ahorro de Combustible del 2015
Los Vehículos Más y Menos Eficientes del 2015
Guía 2015 de Ahorremos Gasolina
Top 10 - Los Autos Más Eficientes del 2015, Mitos y más

Selección Rápida
Busque por Marca
MPG Extremo
Vídeos de MotorWeek
Top 10 - Los Autos Más Eficientes, Mitos y más
Mi Calculador de Híbrido Enchufable [en inglés](#)

Enlaces Relacionados
Ciudades Limpias [en inglés](#)
EPA Sitio Web [en inglés](#)
Centro de Datos de Combustibles Alternativos [en inglés](#)
Localizador de Estaciones de Combustibles Alternativos [en inglés](#)

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www.ahorremosgasolina.org
el Sitio Oficial del Gobierno para Información en el Ahorro de Combustible

Móvil | Inglés | Mapa del Sitio | Enlaces | Preguntas Frecuentes | Vídeos | Contactos

Encuentre un Auto | Ahorre Dinero y Gasolina | Beneficios | Mis MPG | Vehículos y Combustibles Avanzados | Los Estimados de la EPA | Más...

Usted está aquí: Encuentre un Auto - Inicio

Encuentre y Compare Autos

Busque por Modelo
Seleccione Año
Seleccione Marca
Seleccione Modelo
[Vamos](#)

¿Necesita ayuda para escoger un auto?
Búsqueda por MPG, precio, marca, carrocería, y mucho más
[Búsqueda Avanzada](#)

Quiero...
[Compare Lado a Lado](#)
[Encuentre los Mejores y los Peores Autos](#)
[Busque por Marca](#)
[Encuentre Autos Híbridos, Diesels y de Combustible Alternativo](#)
[Comparta mis MPG en inglés](#)

Los Más Buscados
Todos | Autos Familiares | Camionetas
Camionetas de Carga

- 2012 Tesla Model S
- 2015 Ram 1500 4WD
- 2015 Honda Accord
- 2015 Toyota Prius
- 2015 Ford F150 Pickup 4WD

[Más](#)

Busque por Clase
2015
Autos Pequeños
MPG Combinado >=
[Vamos](#)

Véa Autos Nuevos

Pequeños	Sedans	Coupes	Tres Puertas	Deportivos
Autos Lujosos	Vagonetas	Minivans	Camiones	Camionetas Deportivas
Híbridos	Vehículos Diesel	Vehículos de Combustible Flexible	Vehículos Eléctricos	Híbridos Enchufables

Vehículos Nuevos por MSRP

Menos de \$15,000	\$25,000 - \$30,000	\$40,000 - \$45,000	\$55,000 - \$60,000	\$70,000 - \$75,000
\$15,000 - \$20,000	\$30,000 - \$35,000	\$45,000 - \$50,000	\$60,000 - \$65,000	\$75,000 - \$80,000
\$20,000 - \$25,000	\$35,000 - \$40,000	\$50,000 - \$55,000	\$65,000 - \$70,000	Más de \$80,000

[Descargue Índices de MPG de la EPA](#) | [Encuentre y Compare autos](#) | [USA.gov](#) | [Privacidad/Seguridad](#) | [Retroalimentación](#)
Este sitio se actualizó el miércoles 29 de julio de 2015

We are moving to a mobile-friendly template.

On your computer or tablet you will see this...

U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy | Office of Transportation & Air Quality | U.S. ENVIRONMENTAL PROTECTION AGENCY

www.fueleconomy.gov
the official U.S. government source for fuel economy information

Mobile Español Site Map Links FAQ Videos

Find a Car | Save Money & Fuel | Benefits | My MPG | Advanced Cars & Fuels | About EPA Ratings | More...

Driving More Efficiently

Personalize Fuel Prices ▾ | Share

Drive Sensibly

Aggressive driving (speeding, rapid acceleration and braking) wastes gas. It can lower your gas mileage by 33% at highway speeds and by 5% around town. Sensible driving is also safer for you and others, so you may save more than gas money.¹

Driver feedback devices can help you drive more efficiently. A recent study suggests that they can help the average driver improve fuel economy by about 3% and that those using them to save fuel can improve gas mileage by about 10%.²

That's like saving about \$0.08 to \$0.28 per gallon.

Fuel Economy Benefit: 5%–33%
Equivalent Gasoline Savings: \$0.14–\$0.93/gallon

Observe the Speed Limit

While each vehicle reaches its optimal fuel economy at a different speed (or range of speeds), gas mileage usually decreases rapidly at speeds above 50 mph.

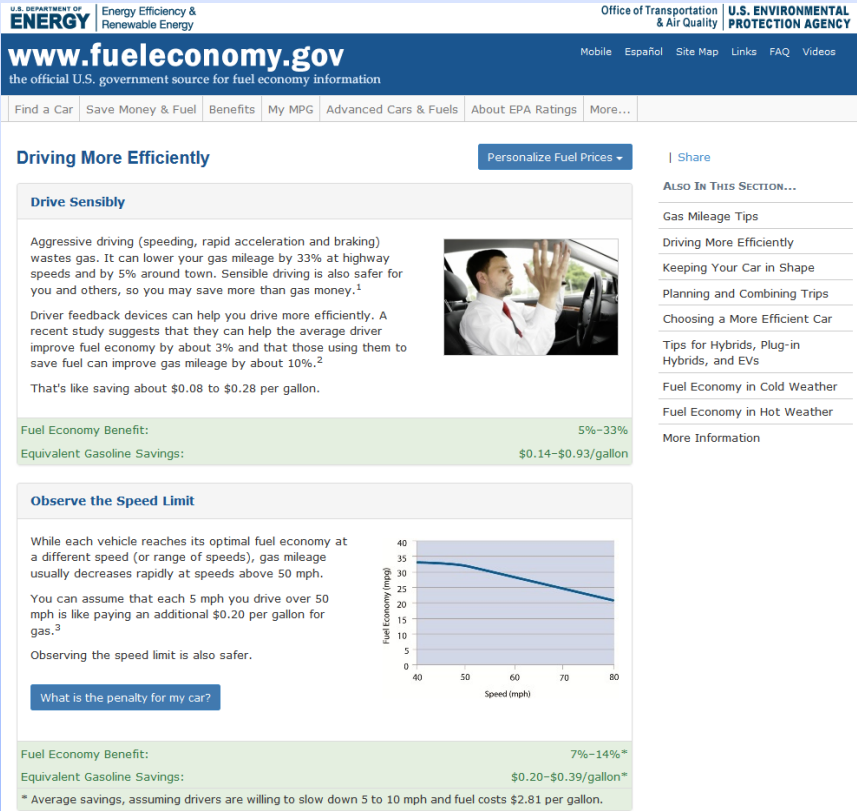
You can assume that each 5 mph you drive over 50 mph is like paying an additional \$0.20 per gallon for gas.³

Observing the speed limit is also safer.

What is the penalty for my car?

Fuel Economy Benefit: 7%–14%
Equivalent Gasoline Savings: \$0.20–\$0.39/gallon*

* Average savings, assuming drivers are willing to slow down 5 to 10 mph and fuel costs \$2.81 per gallon.



On your smartphone you will see this...

fueleconomy.gov

Driving More Efficiently

Personalize Fuel Prices ▾

Drive Sensibly



Aggressive driving (speeding, rapid acceleration and braking) wastes gas. It can lower your gas mileage by 33% at highway speeds and by 5% around town. Sensible driving is also safer for you and others, so you may

Some of you helped us by testing prototypes of the new template. Thank you!

- Most of the site is now mobile friendly!
 - Gas Mileage Tips
 - Advanced Vehicles and Fuels
 - Tax Incentives
 - Gas Prices
 - Benefits
 - About the Ratings

Benefits | My MPG | Advanced Cars & Fuels | About EPA Ratings | More...

Why is fuel economy important?

- Save Money
- Climate Change
- Oil Dependence Costs
- Sustainability

Sources of CO₂ Emissions for a Typical Household

- Vehicles 51%
- Appliances 9%
- Heating and Cooling 18%
- Waste 5%

Vehicles produce about half of the greenhouse gases from a typical U.S. household.

Find a Car | Save Money & Fuel | Benefits | My MPG | Advanced Cars & Fuels | **About EPA Ratings** | More...

<p>New Window Sticker</p> <ul style="list-style-type: none"> About the New Label Beyond Tailpipe Emissions Sample Labels: <ul style="list-style-type: none"> Gasoline Vehicles Plug-in Hybrid Vehicles Electric Vehicles QR Codes 	<p>New vs. Old Ratings</p> <ul style="list-style-type: none"> 2008 Ratings Changes Compare Old and New MPG <p>Fuel Economy Tests</p> <ul style="list-style-type: none"> How Vehicles Are Tested Which Vehicles Are Tested Detailed Test Information 	<p>Your Mileage Will Still Vary</p> <ul style="list-style-type: none"> Your Mileage Will Still Vary Factors That Affect MPG
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Find a Car | Save Money & Fuel | Benefits | My MPG | **Advanced Cars & Fuels** | About EPA Ratings | More...

<p>About Hybrid and Electric Cars</p> <p>A quick guide to the different kinds of hybrids and electric vehicles.</p> <p>Hybrids</p> <ul style="list-style-type: none"> Compare Side by Side How Hybrids Work Can a Hybrid Can Save Me Money? New & Upcoming Links 	<p>All-Electric Vehicles</p> <ul style="list-style-type: none"> Compare Side by Side About Electrics New & Upcoming Tax Incentives Links <p>Plug-In Hybrids</p> <ul style="list-style-type: none"> Compare Side by Side About Plug-in Hybrids How Plug-in Hybrids Save Money My Plug-in Hybrid Calculator New & Upcoming Tax Incentives Links 	<p>Diesels</p> <ul style="list-style-type: none"> Compare Side by Side About Diesels New & Upcoming Ultra-Low Sulfur Diesel Biodiesel Diesel Links <p>Flex-Fuel Vehicles</p> <ul style="list-style-type: none"> Flex-Fuel Vehicles Links 	<p>Alternative Fuels</p> <ul style="list-style-type: none"> Alternative Fuels Ethanol Biodiesel Natural Gas Hydrogen Propane <p>Fuel Cell Vehicles</p> <ul style="list-style-type: none"> Compare Side by Side How They Work Benefits and Challenges Videos Fuel Cell Links
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Coming Soon...

- Find and Compare Cars
- Trip Calculator
- Today's Most Viewed
- Extreme MPG
- The update of My MPG will be more extensive:
 - Improved data collection for PHEVs and EVs
 - Mobile Friendly
 - Report generation for users
 - Ability to share your data

Coming Soon: Fueleconomy.gov Site Search

The new search will support a simple key word search and also allow users to search for vehicles by typing in year, make and model.

Search FuelEconomy.gov

Enter a vehicle or topic.

Found 2 results

2015 Toyota Prius

<http://fegtest.extranet.ornl.gov/feg/Find.do?action=sbs&id=35556>

Fuel Economy of the 2015 Toyota Prius. Compare the gas mileage and greenhouse gas emissions of the 2015 Toyota Prius side-by-side with other cars and trucks

2015 Toyota Prius v

<http://fegtest.extranet.ornl.gov/feg/Find.do?action=sbs&id=35782>

Fuel Economy of the 2015 Toyota Prius v. Compare the gas mileage and greenhouse gas emissions of the 2015 Toyota Prius v side-by-side with other cars and trucks

You are here: [Find a Car Home](#) > Compare Side-by-Side


Compare Side-by-Side

Fuel Economy | Energy and Environment | Safety | Specs

Personalize

2015 Toyota Prius X

Hybrid Vehicle
Gasoline




1.8 L, 4 cyl, Automatic (variable gear ratios)
MSRP: \$24,200 - \$30,005

Add a Vehicle

EPA Fuel Economy

Regular Gasoline

50 MPG
combined city highway
2.0 gal/100mi

Gasoline 
595 miles
Total Range

Unofficial MPG Estimates from Vehicle Owners

[Learn more about "My MPG"](#)
[Disclaimer](#)

User MPG estimates are not yet available for this vehicle

You save or spend*

Note: The average 2015 vehicle gets 24 MPG

You SAVE **\$4,500**
in fuel costs over 5 years compared to the average new vehicle

Annual Fuel Cost*	\$850
Cost to Drive 25 Miles	\$1.40
Cost to Fill the Tank	\$33
Tank Size	11.9 gallons

*Based on 45% highway, 55% city driving, 15,000 annual miles and current fuel prices. [Personalize](#). MSRP and tank size data provided by Edmunds.com, Inc. Range on a tank and refueling costs assume 100% of fuel in tank will be used before refueling.

Coming Soon: Fuel Economy Toolkit for Clean Cities Coordinators

- Possible options:
 - PowerPoints
 - Fact Sheets
 - Gas Saving Tips
 - Traditional Media Announcements
 - Social Media Posts
 - Infographics
 - Pledge Forms
 - Fuel Economy Guide
 - Templates:
 - Email
 - Letter
 - Presentations

U.S. DEPARTMENT OF ENERGY | Energy Efficiency & Renewable Energy | **VEHICLE TECHNOLOGIES OFFICE**

Gas-Saving Tips

Some consumers believe fuel economy ratings are a fixed number, like engine size or cargo volume. However, a vehicle's fuel economy can vary significantly due to several factors, including how the vehicle is driven, the vehicle's mechanical condition, and the environment in which it is driven.

That's good news. It means you may be able to improve your vehicle's gas mileage through proper maintenance and driving habits. In fact, studies suggest the average driver can improve his/her fuel economy by roughly 10 percent.

Here are a few simple tips to help you get the best possible fuel economy from your vehicle and reduce your fuel costs.

Adopt Good Driving Habits

Drive Sensibly

Aggressive driving (speeding, rapid acceleration and braking) can lower your gas mileage by 33 percent at highway speeds and by 5 percent around town. Anticipate traffic situations and maintain adequate spacing between vehicles to avoid unnecessary braking and acceleration. When you do accelerate, accelerate smoothly at a moderate rate. Sensible driving is also safer, so you may save more than gas money.

Fuel Economy Benefit: 5-33%
Fuel Cost Savings: \$0.18-\$1.19/gallon

Remove Excess Weight

Avoid keeping unnecessary items in your vehicle, especially heavy ones. An extra 100 pounds in your vehicle could reduce your MPG by up to 2 percent. The reduction is based on the percentage of extra weight relative to the vehicle's weight and affects smaller vehicles more than larger ones.

Fuel Economy Benefit: 1-2%/100 lbs
Fuel Cost Savings: \$0.04-\$0.07/gallon

Avoid Excessive Idling

Idling can use a quarter to a half gallon of fuel per hour, depending on engine size and air conditioner (AC) use. Turn off your engine when your vehicle is parked. It only takes a few seconds worth of fuel to restart your vehicle. Turning your engine on and off excessively, however, may increase starter wear.

Fuel Cost Savings: \$0.01-0.03/min. (AC off)
\$0.02-0.04/min. (AC on)

Observe the Speed Limit

While each vehicle reaches its optimal fuel economy at a different speed (or range of speeds), gas mileage usually decreases rapidly as speeds climb above 50 mph. You can assume that each 5 mph you drive over 50 mph is the same as paying an additional \$0.25 per gallon for gas. Observing the speed limit is also safer.

Fuel Economy Benefit: 7-14%
Fuel Cost Savings: \$0.25-\$0.51/gallon

Use Cruise Control
Using cruise control on the highway helps you maintain a constant speed and, in most cases, will save gas.

Lose the Roof Rack
A loaded roof rack can decrease your fuel economy by around 5 percent. Reduce aerodynamic drag and improve your fuel economy by placing items inside the trunk whenever possible.

Use Overdrive Gears
When you use overdrive gearing, your car's engine speed decreases. Using overdrive saves fuel and reduces engine wear.

Photo: Ron Glock/526725

Graph: Fuel Economy (mpg) vs. Speed (mph). The graph shows a downward trend in fuel economy as speed increases. A box indicates: "Average based on laboratory tests on 67 light-duty vehicles."

Clean Cities
U.S. Department of Energy

What would you like to see in the toolkit?

Web Site Demo

U.S. DEPARTMENT OF **ENERGY** Energy Efficiency & Renewable Energy


Office of Transportation & Air Quality | U.S. ENVIRONMENTAL PROTECTION AGENCY

www.fueleconomy.gov

the official U.S. government source for fuel economy information

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2016 Fuel Cell Vehicles Hit the Market!


Find out more about these new vehicles!

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Compare Side-by-Side
Power Search
Mobile Find-a-Car

My MPG




Calculate or Share Your MPG
Estimates from Drivers Like You
Enter Your MPG at the Pump

Save Money



Gas Mileage Tips
Fuel Cost Calculator
Find the Cheapest Gas

Hybrids & Electrics



Hybrids
Plug-in Hybrids
All-Electric Vehicles

Calculators and Other Tools

Fuel Savings Calculator
Trip Calculator
Can a Hybrid Save Me Money?
My Plug-in Hybrid Calculator
Used Car Label Tool
Developer Tools
Find a Car Widget

New on fueleconomy.gov...

2016 Fuel Economy Data Updated
Preliminary 2016 Fuel Economy Guide
2016 Fuel Cell Vehicles
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