

DOE's Fuel Economy Outreach

(a cooperative effort with the EPA since 1999)



DAVID L. GREENE
OAK RIDGE NATIONAL LABORATORY

MOBILE SOURCES TECHNICAL REVIEW SUBCOMMITTEE
APRIL 19, 2012
WASHINGTON, DC

The Fuel Economy Information Program's two primary products are the annual Fuel Economy Guide and [fueleconomy.gov](http://www.fueleconomy.gov), but research on fuel economy issues is also an important product.

Fuel Economy Guide

www.fueleconomy.gov

fueleconomy.gov/m for your mobile device

Model Year 2012

Now includes plug-in vehicles!

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

EPA U.S. DEPARTMENT OF ENERGY DOE/EE-0603

U.S. DEPARTMENT OF ENERGY Energy Efficiency & Renewable Energy 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 | Contacts

Find a Car | Tips | Save Money | Benefits | Your MPG | Hybrids & Electrics | Diesels | Alternative Fuels | More... | New Window Sticker

2012 Fuel Economy Guide

2012 Fuel Economy Estimates Now Available!

- Official EPA estimates for over 950 vehicles
- Includes plug-in hybrid and electric vehicles
- Lists of the most and least fuel efficient vehicles

[Find and Compare Cars Online](#)
[View the 2012 Fuel Economy Guide](#)

Find and Compare Cars
MPG ratings for new and used cars and trucks
Compare Side-by-Side
Power Search

Your 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 and Electrics
Hybrids
Plug-in Hybrids
Electric Vehicles

In the news...
Hyundai Says Its Cars Will Average 50 M.P.G. by 2025 - The New York Times
Mitsubishi i-MiEV a preview of automotive future - The Detroit News
Report: General Motors bringing back mild hybrids next year - Autoblog
[Disclaimer](#) [More News >](#)

New on fueleconomy.gov...
Gas Mileage Tips Widget
Updated Mobile Web Site
Your MPG - Enter your MPG at the pump
2012 Fuel Economy Estimates

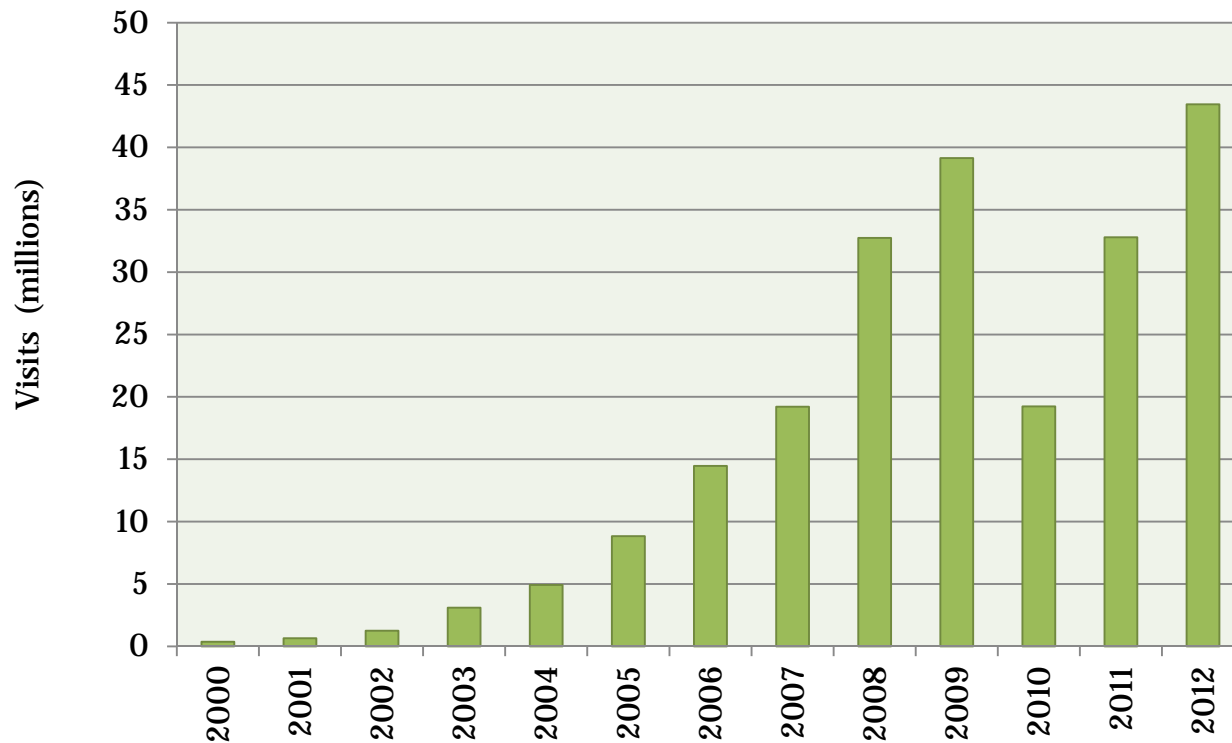
Quick Picks
Extreme MPG
Motorweek Videos
Best and Worst Fuel Economy
Top 10 - Most Efficient Vehicles, Myths and more

Related Links
Clean Cities
Alternative Fuels Data Center
Alternative Fuels Station Locator

Fueleconomy.gov hosts tens of millions of user sessions each year. Until this year, “Cash for Clunkers” helped drive our highest traffic on record.

Model Year 2012		
	Average (daily)	Model Year 2012 (Projected)
Visits	118,725	43,334,644
Page Views	931,774	340,097,459
Hits	4,279,363	1,561,967,674

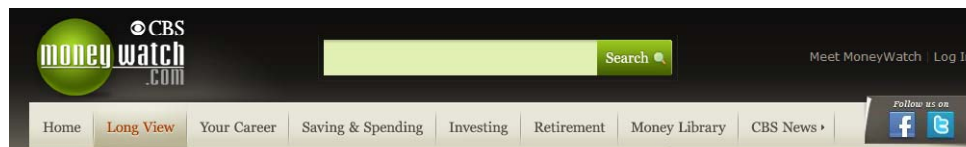
Traffic on www.fueleconomy.gov



data projected for MY2012

Averaging 160,000+ visits per day over the past six weeks

We believe our success is due to a focus on the consumer, innovation and continuous improvement.



Carla Fried
The Daily Money

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moneywatch.com / Long View / The Daily Money

5 Best Government Apps for Saving Time and Money

By Carla Fried | Feb 10, 2011 | Comments



The federal government is clearly getting comfy with communicating 21st Century style. This week the White House launched its new Advise the Advisor program on YouTube that encourages us to send our best ideas on the topic du jour to the White House's big thinkers (2,500 character limit.) And just last week the new Consumer Financial Protection Bureau launched the hippest government website to date. Twitter and YouTube are the recommended ways to send Elizabeth Warren and her merry band of consumer advocates suggestions, gripes, and pleas, and there's even an animated welcome video directed by Ron "Opie" Howard that channels Arrested

Still, this is the big sclerotic federal government we're dealing with, so I am not going to assume that just because Washington has learned how to use social media, they are going to really listen to what we have to say (though I am rooting mightily that the CFPB becomes everything Warren fought for).

For now, what's most compelling tech-wise coming out of Washington are a handful of helpful apps produced by various federal agencies that can save you both time and money. Pair these Uncle Sam apps with Farnosh Torabi's list of 16 great money saving iPhone apps and you're good to go.



1. **My TSA.gov** As you're nearing the airport, check to see the wait time in the security line at various checkpoints throughout the airport and start plotting your survival strategy. The TSA is even trying out crowd sourcing, allowing users to report their real-time wait times as well. The TSA app is available for the iPhone, as well as on the web. If you're headed outside the country, you might want to keep the web-based Find Your Embassy app handy in case you lose your passport or find yourself in the midst of a local uprising. And for those of you jetting to warmer climes who are wondering how much sunscreen to slather on, there's the UV Index app courtesy of the Environmental Protection Agency, which is available for Android, Blackberry and the web.
2. **IRS2go** Come on, you know what your life has been missing is a live Twitter feed from the IRS. Well, wait no more. In addition to giving you access to the IRSNews Twitter feed, this iPhone app connects you to daily tax tips from the IRS (they are actually pretty good) and even allows e-filers to check on the status of their refund.
3. **FuelEconomy.gov** If you're out shopping for a car and wondering how many barrels of oil a particular model will run through in a year on average (it breaks it down into imported and domestic barrels), the carbon footprint and yes, the mpg, the Department of Energy gives you this info, alas only in a web-based app. In addition, the Alternative Fueling Station Locator, also from the Department of Energy, is handy for anyone who has made the switch over to biodiesel, ethanol, or an electric car, and needs to find a place to fuel up or plug in.
4. **USAJobs** Granted, given the tenor in Washington, there's not likely to be a WPA-like flood of new federal jobs coming anytime soon, but this app keeps you up to speed on the latest government job

3. fueleconomy.gov
If you're out shopping for a car and wondering how many barrels of oil a particular model will run through in a year on average (it breaks it down into imported and domestic barrels), the carbon footprint and yes, the mpg, the Department of Energy gives you this info...

Source: CBS News –
Moneywatch.com
Feb, 2011

Over 1500 newspaper, TV, radio and magazine articles featured fueleconomy.gov last year.

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NEW CARS USED CARS COLLECTIBLE CARS SELL YOUR CAR ALL CLASSIFIEDS

GREENTECH
Paying the Dealer to Save at the Pump
 By CHRISTOPHER JENSEN
 Published: July 15, 2011

ALTHOUGH the 40 miles per gallon highway rating of the **Ford Focus** with the SFE (Super Fuel Economy) option seems alluring, the economics don't work for penny pinchers: it could take 13 years to get your money back.

Enlarge This Image

BIG NUMBER The 2012 Ford Focus SFE achieves 40 miles per gallon on the highway.

Related
 Greentech: G.M. Said to Consider Diesel Cruze (July 17, 2011)

The least expensive Focus with the 5-speed manual transmission is rated at 26 m.p.g. in the city and 36 on the highway. It costs \$17,295.

To get the SFE package, one must first buy the more expensive SE with the automatic transmission and then add the \$495 SFE package. That comes to \$19,785.

The SFE is rated at 28 m.p.g. in town.

To figure out the savings, I went to the government Web site fueleconomy.gov, operated by the Environmental Protection Agency. The site provides not only fuel-economy ratings, but it includes a feature for calculating the cost of driving.

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Money Worries I Am Frustrated By Gas Prices

CONQUERING YOUR FINANCIAL FEARS - LIGHTEN YOUR LOAD, EMPTY THE TRUNK OF YOUR CAR

Today Show Today Show

Link: TODAYshow.com home page

03:14 / 05:36

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Find a Car: New Used Choose a make Choose a model Find By Category Choose a category

Business / The Simple Dollar All Business Topics

The Simple Dollar

Fuel efficiency: How to maximize yours

Fuel efficiency can add up to big savings over time. In December and January, The Simple Dollar is posting a daily series focusing on specific activities you can do right now to set the stage for a great 2011.


32 MILES PER GALLON

A Saturn dealer in Warren, Mich., advertises good gas mileage to try to sell cars in this 2008 file photo. If you maximize your car's fuel efficiency, you'll save only a few cents per gallon, but over a year, that can add up to hundreds of dollars.

Melanie Stetson Freeman / The Christian Science Monitor / File

Gas Mileage Myths

We identify and discredit six misconceptions about fuel economy.

By Jim Motavalli of The Daily Green **Like** 18 likes. Sign Up to see what your friends like.

Regular Gasoline	399 ⁹ / ₁₀
Plus Gasoline	414 ⁹ / ₁₀
Premium Gasoline	426 ⁹ / ₁₀

Gas price sign

Do Americans care about fuel economy as the average price for a gallon of gasoline hovers at \$3.50 and tops \$4 in some parts of the country? You bet they do, though they also have a fair number of misconceptions about how to squeeze a few more miles out of every drop.

The Consumer Federation of America's most recent survey says that if we had a 50 mile-per-gallon car fleet today, we'd save more oil than there the

the daily green

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- 10 Worst Values in CPO Cars These vehicles offer added assurance, but at a price.
- 2011 Audi R8 Spyder 5.2 FSI Quattro
- Nissan Takes On Detroit with New Cargo Van
- Gas Mileage Myths
- Driven to Distraction

advertisement

The All-New 2011 Kia Optima.
 Starting at \$19,690¹ Optima SX shown \$26,690¹




A new section was added to fueleconomy.gov to explain the new fuel economy and environment label.

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

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A New Fuel Economy and Environmental Label for a New Generation of Cars

Beginning model year 2013: compare cars, save money at the pump, reduce air pollution



Learn More


Find and Compare Cars



MPG and environmental ratings for new and used cars

Compare Side-by-Side Power Search

Your 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 and Electrics



Hybrids

Plug-in Hybrids

Electric Vehicles

In the news...

Fuel Economy Tops 24 MPG for First Time, Study Says - The Wallstreet Journal

Tesla On Ice: Model S Cold Weather Testing [VIDEO] - Translogic

In California, a Fast-Charging First - The New York Times

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New on fueleconomy.gov...

Find and Compare Cars

2012 Top 10 Most Efficient Vehicles

2012 Best in Class

2012 Fuel Economy Guide

2012 Electric Vehicles

Fuel Economy: Where the Energy Goes

Quick Picks

Extreme MPG

Motorweek Videos

Best and Worst Fuel Economy

Top 10 - Most Efficient Vehicles, Myths and more

Related Links

Clean Cities

EPA Climate Change Web Site

Alternative Fuels Data Center

Alternative Fuels Station Locator

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Learn About the New Label

Greenhouse gas emissions from vehicles are an important contributor to climate change.

[Visit EPA's climate change page for more details.](#)

Click on a tab to view the new labels for various vehicle/fuel types. Move the cursor over parts of the label to learn more.

Gasoline Vehicle | Plug-in Hybrid Electric Vehicle (PHEV) | Electric Vehicle

EPA DOT Fuel Economy and Environment

Gasoline Vehicle

Fuel Economy

26 MPG
combined city/highway

22 city
32 highway

3.8 gallons per 100 miles

You save \$1,850
in fuel costs over 5 years compared to the average new vehicle.

Annual fuel cost **\$2,150**

Fuel Economy & Greenhouse Gas Rating (tailpipe only) | Smog Rating (tailpipe only)

1 | 10 | 7 | 6 | 10

Best | Worst

This vehicle emits 347 grams CO₂ per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel also creates emissions. Learn more at fueleconomy.gov

Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets 22 MPG and costs \$12,600 to fuel over 5 years. Cost estimates are based on 15,000 miles per year at \$3.70 per gallon. MPG is miles per gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

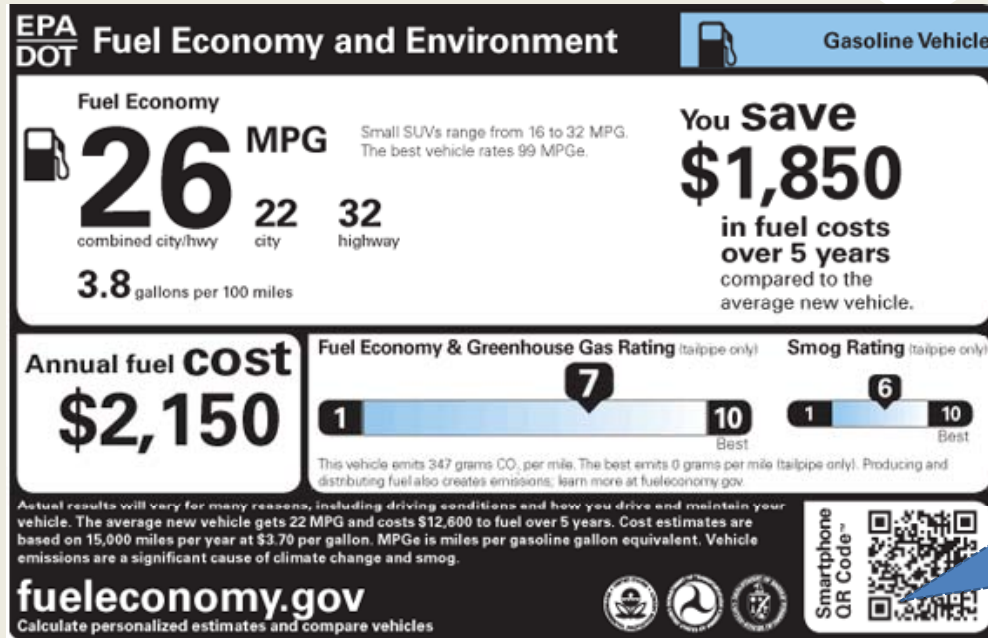
fueleconomy.gov
Calculate personalized estimates and compare vehicles

See all the labels, including diesel, FFV, CNG, and fuel cell: [All Labels \(PDF\)](#) (10 pp, 236 kB) [About PDF](#)

[Visit EPA's website for more information on the new label regulations.](#)

[View Video About QR Codes.](#)

Beginning with Model Year 2013, the window sticker on **all** new cars will contain a QR code linked directly to fueleconomy.gov's mobile site



fueleconomy.gov/m

Find a Car

2012 Toyota Prius

1.8 L, 4 cyl, Auto (variable gear ratios), Regular Gasoline

MSRP: \$23,015 - \$29,805

EPA Fuel Economy
City: 51 MPG
Highway: 48 MPG
Combined: 50 MPG

Reported by Drivers Like You >>

Fuel Economics >>

Annual Petroleum Use >>

Greenhouse Gas Emissions >>

EPA Smog Score >>

Add a Car Personalize Help

- Car shoppers can scan the QR code on the label to find more information about vehicles they are interested in
- Results can be personalized to use their fuel prices, annual miles and city vs. highway driving

The new label brings a new emphasis on environmental information.



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New Window Sticker
Beyond Tailpipe Emissions
About the Label
Gasoline Vehicles
Plug-in Hybrid Vehicles
Electric Vehicles
QR Codes

Greenhouse Gas Emissions for Electric and Plug-In Hybrid Electric Vehicles

If you drive a plug-in hybrid electric vehicle, there will be tailpipe greenhouse gas (GHG) emissions from gasoline combustion, as well as fuel production emissions associated with both gasoline and electricity. Shown below are the grams of carbon dioxide (CO₂) per mile for your region of the country.

Try another vehicle:
Zip Code: 37934 Year: 2012 Vehicle: Chevrolet Volt, PHEV

[See your results](#)

Your CO₂ Emissions Rates

Vehicle: Chevrolet Volt
Zip Code: 37934 (Knoxville, TN)
Tailpipe: 87 g/mile
Total: 290 g/mile

Category	CO ₂ Emissions Rate (g/mile)
Aver. New Vehicle	500
U.S. Aver.	260
Your Region	290

GHG emissions vary based on how the electricity is produced. For example, electricity produced from coal will likely result in significantly higher GHG emissions than electricity produced from renewable sources like wind. The total CO₂ emissions rate for this vehicle in your region is 290 grams per mile. The national average for this vehicle is 260 grams per mile. The total CO₂ emissions rate for the average gasoline car is 500 grams per mile.

*Total emissions rate includes tailpipe emissions and the emissions associated with the production and distribution of fuel. Emissions associated with electric operation are estimated using recent electricity generation data regardless of the model year of the vehicle selected.

The calculations above assume that 64% of the plug-in hybrid electric vehicle's operation is powered by electricity and the rest is powered from gasoline. In the future, you will be able to customize these estimates based on your driving habits.

[Learn more](#) about these calculations.

[Download EPA's MPG Ratings](#) | [Find and Compare Cars](#) | [USA.gov](#) | [Info for Auto Dealers](#) | [Privacy/Security](#) | [Feedback](#)

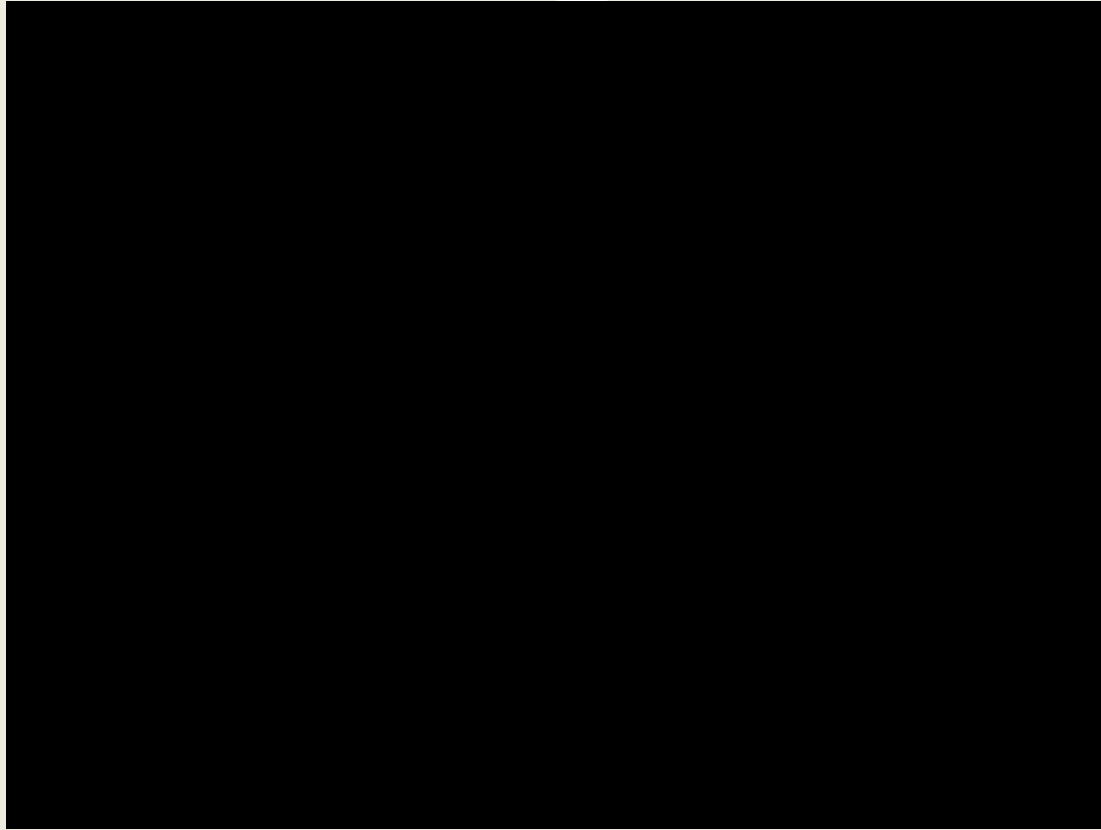
The Beyond Tailpipe Emissions Calculator allows consumers to calculate upstream and tailpipe greenhouse gas emissions for Electric and Plug-in Hybrid Vehicles based on their zip code.

MotorWeek



Window's Media Player Version

MotorWeek



Quicktime Version

Find and Compare Cars is our most popular feature

- Accounts for more than 75% of the page views and page visits
- A new version was launched last fall

The screenshot displays the homepage of www.fueleconomy.gov, the official U.S. government source for fuel economy information. The site is part of the U.S. Department of Energy's Energy Efficiency & Renewable Energy division and the U.S. Environmental Protection Agency. The main navigation bar includes links for 'Find a Car', 'Tips', 'Save Money', 'Benefits', 'Your MPG', 'Hybrids & Electrics', 'Diesels', 'Alternative Fuels', 'More...', and 'New Window Sticker'. The 'Find and Compare Cars' section is highlighted, featuring a 'Browse by Model' form with dropdown menus for Year, Make, and Model, and a 'Go' button. Below this is a 'Search by Class' form with dropdowns for Year (2012), Class (Small Cars), and Combined MPG (>=), also with a 'Go' button. The 'Browse New Cars' section displays a grid of car categories: Small Cars, Sedans, Coupes, Hatchbacks, Sporty Cars, Luxury Cars, Wagons, Minivans, Trucks, SUVs, Hybrid Vehicles, Diesel Vehicles, Flex-Fuel Vehicles, Electric Vehicles, and Plug-in Hybrid Vehicles. A 'Need help choosing a car?' section offers a 'Power Search' button. The 'I want to...' section provides links for 'Compare Side-by-Side', 'Find the Best and Worst Vehicles', 'Search by Make', 'Find Hybrid, Diesel and Alt. Fuel Vehicles', and 'Share my MPG'. The 'Today's Most Viewed' section lists five popular models: 2012 Toyota Camry, 2012 Toyota Prius, 2011 Toyota Corolla, 2012 Chevrolet Cruze, and 2012 Honda Civic. The 'Related Information' section includes links for 'Print the Fuel Economy Guide', 'MPG Estimates from Drivers Like You', and 'Top 10 Lists'. The 'New Vehicles by MSRP' section shows a grid of price ranges from Under \$15,000 to Over \$80,000. The footer contains links for 'Download EPA's MPG Ratings', 'Find and Compare Cars', 'USA.gov', 'Info for Auto Dealers', 'Privacy/Security', and 'Feedback', along with the text 'This site last modified Tuesday June 14 2011'.

Fuel Economy tab includes EPA fuel economy estimates, real-world estimates from other consumers, and fuel economics

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

Compare Side-by-Side


Fuel Economy | Energy and Environment | Safety | Specs

2011 Chevrolet Cruze Eco



1.4 L, 4 cyl, Automatic (S6)
MSRP: \$18,425

2011 Ford Fusion Hybrid FWD



Hybrid Vehicle
2.5 L, 4 cyl, Automatic (gear ratios)
MSRP: \$28,600

Personalize

How many miles do you drive in a year?

0 10 20 30 40 50

Miles (1,000)

What fraction of your miles are in stop and go traffic?

0 20 40 60 80 100

City (percent)

How much do you pay for fuel?

Gasoline Diesel Other Fuels

Fuel Prices (\$ per gallon)

Regular	Midgrade	Premium
<input type="text" value="3.57"/>	<input type="text" value="3.70"/>	<input type="text" value="3.83"/>

Select fuel economy units.

Miles per Gallon	REGULAR GASOLINE	REGULAR GASOLINE
	30	39
	Combined	Combined
	26 City 37 Highway	41 City 49 Highway
MPG Estimates from Drive		
	Average based on 3 vehicles	Average based on 5 vehicles
	34.8	36.7
	33 Lo → Hi 36	33 Lo → Hi 40
	View Individual Estimates	View Individual Estimates
Fuel Economics		
Cost to Drive 25 Miles	\$2.85	\$2.19
Fuel to Drive 25 Miles	0.83 gallons	0.64 gallons
Cost to Fill the Tank	\$39	\$52
Miles on a Tank	340 miles	597 miles
Tank Size	12.6 gallons	17.0 gallons
Annual Fuel Cost*	\$1,710	\$1,315

*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.

You can personalize your results...



Energy and Environment Tab shows petroleum consumption, greenhouse gas emissions, smog rating, and EPA's SmartWay certification level.

Greenhouse gas emissions are shown in grams per mile, but the units can be changed using the personalize feature.

You can choose to show total greenhouse gas emissions.

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

Fuel Economy | **Energy and Environment** | Safety | Specs

Personalize | Edit Vehicles

Vehicle	2011 Chevrolet Cruze Eco	2011 Ford Fusion Hybrid FWD	2011 Volkswagen Jetta	2011 Toyota Prius
Vehicle Type	Eco	Hybrid Vehicle	Diesel Vehicle	Hybrid Vehicle
Engine	1.4 L, 4 cyl, Automatic (S6)	2.5 L, 4 cyl, Automatic (variable gear ratios)	2.0 L, 4 cyl, Automatic (S6)	1.8 L, 4 cyl, Automatic (variable gear ratios)
MSRP	\$18,425	\$28,600	\$24,095	\$22,120
Annual Petroleum Consumption	11.4 barrels	8.8 barrels	11.6 barrels	6.9 barrels
Greenhouse Gas Emissions (Grams per mile)	296	228	299	178
EPA Smog Score	6 (BIN 4 BGMXV01.8011)	7 (BIN 3 BFMXV02.5VZH)	5 (BIN 5 BVWXV02.0U5N)	7 (BIN 3 BTYXV01.8HC3)

Units: Grams per mile
Show: Tailpipe CO2
For model years 2012 and earlier, tailpipe CO2 is estimated using an EPA emissions factor and does not reflect direct test results.

State of purchase: Tennessee

*Based on 45% highway, 55% city driving, 15,000 annual miles and current fuel prices. [Personalize](#).

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Fuel Economy | **Energy and Environment** | Safety | Specs

Personalize | Edit Vehicles

Vehicle	2011 Chevrolet Cruze Eco	2011 Ford Fusion Hybrid FWD	2011 Volkswagen Jetta	2011 Toyota Prius
Vehicle Type	Eco	Hybrid Vehicle	Diesel Vehicle	Hybrid Vehicle
Engine	1.4 L, 4 cyl, Automatic (S6)	2.5 L, 4 cyl, Automatic (variable gear ratios)	2.0 L, 4 cyl, Automatic (S6)	1.8 L, 4 cyl, Automatic (variable gear ratios)
MSRP	\$18,425	\$28,600	\$24,095	\$22,120
Annual Petroleum Consumption	11.4 barrels	8.8 barrels	11.6 barrels	6.9 barrels
Greenhouse Gas Emissions (Grams per mile)	296 (Tailpipe), 73 (Upstream)	228 (Tailpipe), 56 (Upstream)	299 (Tailpipe), 80 (Upstream)	178 (Tailpipe), 44 (Upstream)
EPA Smog Score	6 (BIN 4 BGMXV01.8011)	7 (BIN 3 BFMXV02.5VZH)	5 (BIN 5 BVWXV02.0U5N)	7 (BIN 3 BTYXV01.8HC3)

Units: Grams per mile
Show: Tailpipe & upstream GHG
For model years 2012 and earlier, tailpipe CO2 is estimated using an EPA emissions factor and does not reflect direct test results.

State of purchase: Tennessee

Explaining Plug-in Hybrid Vehicles to consumers is a challenge...

Click on a tab to view the new labels for various vehicle/fuel types. Move the cursor over parts of the label to learn more.

Gasoline Vehicle | **Plug-In Hybrid Electric Vehicle (PHEV)** | Electric Vehicle

EPA DOT Fuel Economy and Environment Plug-In Hybrid Vehicle Electricity-Gasoline

Fuel Economy Midsize cars range from 10 to 99 MPGe. The best vehicle rates 99 MPGe.

Electricity Charge Time: 4 hours (240V)
98 MPGe
 34 kW-hrs per 100 miles
 combined city/highway

Gasoline Only
38 MPG
 2.6 gallons per 100 miles
 combined city/highway

You save \$8,100 in fuel costs over 5 years compared to the average new vehicle.

Driving Range
 All electric range: 0 to 30 miles
 Gasoline only: 0 to 410 miles

Annual fuel COST \$900

Fuel Economy & Greenhouse Gas Rating (tailpipe only) **10** Best
 This vehicle emits 84 grams CO₂ per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel & electricity also creates emissions. Learn more at fueleconomy.gov

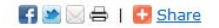
Smog Rating (tailpipe only) **8** Best

Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets 22 MPG and costs \$12,600 to fuel over 5 years. Cost estimates are based on 15,000 miles per year at \$3.70 per gallon and \$0.12 per kW-hr. This is a dual fueled automobile. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

fueleconomy.gov
 Calculate personalized estimates and compare vehicles

Smartphone QR Code

New Plug-in Hybrids



Fuel Economy

Specs

	2011 Chevrolet Volt Plug-in Hybrid Vehicle	2012 Chevrolet Volt Plug-in Hybrid Vehicle	2012 Toyota Prius Plug-in Hybrid Vehicle
Configuration	Engine: 4 cyl, 1.4 L; Motor: 111 kw; Battery: 16 kw-hr; Trans: Automatic (CVT)	Engine: 4 cyl, 1.4 L; Motor: 111 kw; Battery: 16 kw-hr; Trans: Automatic (CVT)	Engine: 4 cyl, 1.8 L; Motor: 18 kw; Battery: 4.5 kw-hr; Trans: Automatic (CVT)
Manufacturer's Suggested Retail Price (MSRP)	\$40,280	\$39,145	\$32,000-\$39,525

	EPA Fuel Economy		
	ELECTRICITY ONLY Driving Range: 35 miles	ELECTRICITY ONLY Driving Range: 35 miles	ELECTRICITY AND GASOLINE Driving Range: 11 miles ¹
Miles per Gallon of Gasoline Equivalent (mpge) <small>1 gallon of gasoline=33.7 kw-hr</small>	93 Combined 95 City 90 Hwy	94 Combined 95 City 93 Hwy	95 Combined 90 City 102 Hwy
kw-hrs/100 miles	36 Combined 36 City 37 Hwy	36 Combined 36 City 37 Hwy	
Miles per Gallon (MPG)	PREMIUM GAS ONLY 37 Combined 35 City 40 Hwy	PREMIUM GAS ONLY 37 Combined 35 City 40 Hwy	REGULAR GAS ONLY 50 Combined 51 City 49 Hwy

	Fuel Economics		
	ELECTRICITY ONLY	ELECTRICITY ONLY	GASOLINE AND ELECTRICITY
Cost to Drive 25 Miles	\$1.08	\$1.08	\$1.57
Miles on a Full Charge	35 miles	35 miles	11 miles††
Time to Charge Battery	240v charging time: 4 hrs	240v charging time: 4 hrs	240v charging time: 1.5 hrs
	GASOLINE ONLY		
Cost to Drive 25 Miles	\$2.78	\$2.78	\$1.97
Cost to Fill the Tank†	\$34	\$34	\$38
Miles on a Tank†	310 miles	310 miles	477 miles

Coming Soon: My Plug-in Hybrid Calculator

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My Plug-in Hybrid Calculator

Vehicle | **Driving** | Charging | Prices | My Results

Step 2. My Driving Distances.

On a typical day, I drive... miles

Per year, I drive about... miles

Back Next

The typical daily distance is the one that occurs most often; in this example, 15 miles per day.

Day	Miles
Sun	10
Mon	15
Tues	15
Wed	15
Thur	25
Fri	40
Sat	30

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My Plug-in Hybrid Calculator

Vehicle | Driving | **Charging** | Prices | My Results

Chevrolet Volt

Annual

	Gasoline	Electricity	Total
Fuel Costs	\$635	\$401	\$1,036
Miles	5,833	9,167	15,000
Fuel Used	157 gallons	3,341 kWh	—

Average number of gas station visits per year: **18.8**.
Average number of days between gas station visits: **19**.

My Selections

Miles

On a typical day, I drive... miles

Annual miles...

Charging >>

Prices >>

Recalculate Start Over

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- With a few simple questions about driving patterns and charger availability, we can estimate:
 - How much gasoline and electricity you will consume
 - How much it will cost and
 - How many trips to the gas station you will make in a year



THANK YOU.