

Vehicle Purchase - Buyers Label 3_Copy



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Thank you very much for agreeing to participate in our online survey. As a person who recently purchased a new vehicle or is planning on doing so, your opinions are very important to us.

The auto industry is creating many new and exciting technologies to power our vehicles more efficiently. To help people make the best choices for them, the fuel economy label that appears on all new vehicles sold in the United States is being revised by the United States Environmental Protection Agency and Department of Transportation. These revisions will allow all of us to compare more accurately among all vehicle technologies.

Your participation in our brief (12-15 minutes) online survey is completely voluntary and critical to the label redesign effort. All your responses will be completely anonymous and will only be reported in combination with those of other survey respondents.

The survey is best viewed by maximizing your computer screen. Please be sure to scroll down to the bottom of each page and click the "Next" button to proceed. The bar at the bottom of each page tells you how much of the survey you have completed.

The survey is programmed so that if you need to stop and complete it at a later time you will be brought back to where you left off. (Just click 'Exit this survey' in the top right hand corner if you need to stop before completing the survey.)

Please click "Done" at the end of the survey so that your answers will be saved in our database. Once you have clicked "Done", you will not be able to make any changes.

Please complete the survey by September 22, 2010. Thank you for sharing your opinions!

In this section we are interested in the type of new vehicle (not used, not leased, not a motorcycle) you purchased most recently.

*** 1. Did you purchase a new vehicle (not used, not leased, not a motorcycle) in the last 12 months?**

No

Yes

2. What make and model of new vehicle did you purchase most recently? (Makes are listed alphabetically. Click on the 'drop down box' and scroll down to find your vehicle.)

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3. Are you the primary driver of this vehicle?

- No
- Yes
- Equally share use of this vehicle

4. What is the percent of city and highway driving you do with this vehicle?

(For example: City 25; Highway 75. The city and highway numbers should add up to 100. Enter whole numbers. DO NOT INCLUDE THE PERCENT SIGN.)

City %

Highway %

5. About how many miles is this vehicle driven on a typical day?

- 20 miles or less
- 21-30 miles
- 31-40 miles
- 41-50 miles
- 51-60 miles
- 61-70 miles
- 71-80 miles
- 81-90 miles
- 91-100 miles
- More than 100 miles

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6. Thinking about your vehicle selection process, what actions did you take and in what order did you take them? (ONLY CHECK ACTIONS YOU TOOK.) Do this by checking the first thing you did in the #1 column, checking the second thing you did in the #2 column, etc.

	1st	2nd	3rd	4th	5th	6th
Looked at magazines, newspapers, or other printed sources of information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Looked at dealership internet sites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Looked at other internet sites (such as Edmunds.com, cars.com, vehix.com)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visited a dealership	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Looked at manufacturer internet sites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Discussed with people you know	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other important things you did in your vehicle selection process (please specify here)						

7. Which types of vehicles did you seriously consider when you first started looking for a new vehicle? (Check all that apply.)

- Sports car
- Large car
- Pickup truck
- Subcompact car
- Station wagon
- Minivan
- Compact car
- Sport utility vehicle (SUV)
- Full-size van
- Midsize car
- Crossover
- Other (please specify below)

If chose 'other', please specify here

8. Please identify up to 3 vehicles you seriously considered before making your final decision. (Makes are listed alphabetically. Click on the 'drop down boxes' and scroll down to find your vehicles.)

	Vehicle 1	Vehicle 2	Vehicle 3
Vehicles seriously considered	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>

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9. What were the top 5 primary factors or attributes that drew you to the vehicles you seriously considered? Please rank order these by checking your #1 factor in the #1 column, checking your #2 factor in the #2 column, and so on until your top 5 factors have been ranked. BE SURE TO SCROLL DOWN SO THAT YOU CAN SEE ALL THE FACTORS/ATTRIBUTES.

	#1	#2	#3	#4	#5
Price/affordability	jn	jn	jn	jn	jn
Features/amenities	jn	jn	jn	jn	jn
Styling/appearance/image	jn	jn	jn	jn	jn
Safety	jn	jn	jn	jn	jn
Body style	jn	jn	jn	jn	jn
Warranty	jn	jn	jn	jn	jn
Comfortable to drive/leg/head room	jn	jn	jn	jn	jn
Brand name	jn	jn	jn	jn	jn
Towing capacity	jn	jn	jn	jn	jn
Performance/handling/power	jn	jn	jn	jn	jn
Green/environmentally friendly	jn	jn	jn	jn	jn
All wheel drive or 4-wheel drive	jn	jn	jn	jn	jn
Alternative fuels	jn	jn	jn	jn	jn
Gas mileage/fuel economy	jn	jn	jn	jn	jn
Reliability/repair costs	jn	jn	jn	jn	jn
Cargo space	jn	jn	jn	jn	jn
Seating capacity	jn	jn	jn	jn	jn

Other factors/attributes in your top 5 (please specify here)

Now we're interested in how you thought about fuel economy when you shopped for your most recently purchased new vehicle.

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10. On a scale of 1 to 7, where 1 is 'not important at all' and 7 is 'very important', how important a consideration was fuel economy when choosing your new vehicle?

	1 = Not important at all	2	3	4	5	6	7 = Very important
Level of importance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

*** 11. Before buying your most recent new vehicle, did you search for information about fuel economy/fuel consumption?**

- No
- Yes
- Don't remember

12. Where did you search for information on fuel economy/fuel consumption? (please check all that apply)

- Auto magazines (e.g. Car & Driver, Road & Track, Motor Trend)
- Vehicle Web sites (such as Edmunds.com, cars.com, vehix.com, kbb.com)
- Auto dealers
- Fuel economy label on vehicles
- Television ads
- Newspapers
- Radio ads
- Consumer Reports
- Manufacturers' Web sites
- Government Web sites (e.g. fueleconomy.gov, EPA Green Vehicle Guide)
- Asked others who have similar vehicle
- Environmental organizations

Other (please specify here)

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13. Please rate each of the following on a scale of 1 to 7 (with 1 being 'not compelling at all' and 7 being 'very compelling') in regard to how compelling they are to buying a fuel efficient vehicle.

	1 - not compelling at all	2	3	4	5	6	7 - very compelling
Reduce our dependency on other countries	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Makes our oil supplies last longer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reduces climate change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To save money	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
To reduce the number of trips to the gas station	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Better for the environment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other 'very compelling' factors (please specify here)

We are interested in your thoughts about the fuel economy label as a source of information.

14. Do you remember seeing the fuel economy label on vehicle windows when shopping for your most recent new vehicle?

No

Yes

Don't know

15. On a scale of 1 to 7, where 1 is 'not important at all' and 7 is 'very important', how important was the FUEL ECONOMY LABEL in helping you to choose the make and model of your most recent new vehicle ?

	1 = Not important at all	2	3	4	5	6	7 = Very important
Level of importance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please note that the information in the following paragraphs is not a question but a description of the different types of vehicle technologies. It is important to read the information below for answering questions on the following pages.

Four types of advanced technology vehicles are either already available or will be in the near future:

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- **Hybrid Vehicles** use a gasoline engine as well as an electric motor to propel the vehicle. However, the only fuel a hybrid vehicle uses is gasoline, either to propel the vehicle or to charge the battery.
- **Electric Vehicles** use electricity stored in batteries to propel the vehicle. You charge the battery by plugging your vehicle into an electrical outlet. The vehicle travels until the charge is depleted or you re-charge it. You do not have the option to run it on gasoline.
- **Extended Range Electric Vehicles** have two modes of operation, when the battery is charged and when it isn't. 1) Once charged, the vehicle at first runs on only electricity. 2) When the battery is discharged, it uses gasoline, either to propel the vehicle or to charge the battery. Important: daily driving distance can GREATLY affect amount of gasoline used. Can go all the way from zero gasoline (if shorter commutes and plenty of recharging) to entirely gasoline (if longer drives and no recharging).
- **Plug-in Hybrid Electric Vehicles** work like an Extended Range Electric Vehicle in that it has two modes of operation—when battery is charged and when it isn't, but: 1) When it's charged, the vehicle uses up the charge along with some gasoline. 2) When the battery is discharged, it uses gasoline, either to propel the vehicle or to charge the battery. Important: daily driving distance can GREATLY affect amount of gasoline used.

To help consumers decide whether advanced technology vehicles might be good choices for them, the fuel economy label is being revised. These revisions will allow you to compare more accurately among all vehicle technologies. Your answers to the following questions will help this label redesign effort.

The next 6 questions ask you to look at the labels from two vehicles. YOU SHOULD ASSUME THAT ANY PLUG-IN VEHICLES START FULLY CHARGED AND THERE ARE NO RECHARGING OPPORTUNITIES DURING THE SPECIFIED TRIP.

WHEN ANSWERING QUESTIONS ON THE FOLLOWING PAGES, PLEASE BE SURE TO SCROLL TO THE RIGHT SO THAT YOU CAN SEE ALL OF BOTH LABELS.

Vehicle Purchase - Buyers Label 3_Copy

Vehicle A:

EPA Fuel Economy and DOT Environmental Comparisons

Fuel Economy

30 MPG
combined city highway
27 35

Consumption

\$1,400
annual fuel cost

3.3 gallons used every 100 miles

Gasoline Vehicle

Environment Rating
(among all vehicles)

295 CO₂ grams/mile (tailpipe only)

Other Air Pollutants
★★★★☆
2.5 out of 5 (5 is best)

Fuel Economy & Greenhouse Gas Rating
(among all vehicles)

Worst
1
2
3
4
5
6
7
8
9
10
Best
 Best

midsize cars

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent.

Your actual mileage and costs will vary with fuel cost, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon.

Visit www.fueleconomy.gov

- Calculate personalized driving estimates
- Download the Fuel Economy Guide (also available at dealers)

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.

Vehicle B:

EPA Fuel Economy and DOT Environmental Comparisons

Fuel Economy

98 MPGequivalent
combined city highway
102 94

Consumption

\$616
annual fuel cost

34 kW-hrs per 100 miles

Electric Vehicle

Environment Rating
(among all vehicles)

0 CO₂ grams/mile (tailpipe only)

Other Air Pollutants
★★★★★
5 out of 5 (5 is best)

Fuel Economy & Greenhouse Gas Rating
(among all vehicles)

Worst
1
2
3
4
5
6
7
8
9
10
Best
 Best

midsize cars

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent.

Your actual mileage and costs will vary with electricity cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

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Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.

16. Which vehicle is better for a round-trip of 120 miles?

- Vehicle A
 Vehicle B
 Both are equally good

17. Which vehicle is better for a round-trip of 30 miles?

- Vehicle A
 Vehicle B
 Both are equally good

Vehicle Purchase - Buyers Label 3_Copy

Vehicle A:

EPA Fuel Economy and DOT Environmental Comparisons

All Electric
(when fully charged)

90 MPGequivalent

37 kW-hrs per 100 mi.

Charge takes **4 hours**

Range **30 miles** before switching to Gas Mode

Gas Only
(when battery is empty)

32 MPG

3.1 gallons per 100 mi.

Annual Fuel Cost \$973 All Electric and Gas Only combined

Fuel Economy & Greenhouse Gas Rating
(among all vehicles)

Worst
1
2
3
4
5
6
7
8
9
10
 Best

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent. This vehicle gets 48 MPGequivalent.

Dual Fuel Vehicle: Plug-in Hybrid Electric

Environment Rating
(among all vehicles)

131 CO₂ grams/mile (tailpipe only)

Other Air Pollutants
★
★
★
★
★


4 out of 5 (5 is best)

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Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.



Your actual mileage and costs will vary with fuel cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

Vehicle B:

EPA Fuel Economy and DOT Environmental Comparisons

Blended Electric+Gas
(when fully charged)

65 MPGequivalent

1.5 gallon gas equivalent per 100 miles

Charge takes **4 hours**

Range **30 miles** before switching to Gas Mode

Electric only: first **11 miles**

Gas Only
(when battery is empty)

54 MPG

1.9 gallons per 100 mi.

Annual Fuel Cost \$755 Blended and Gas Only combined

Fuel Economy & Greenhouse Gas Rating
(among all vehicles)

Worst
1
2
3
4
5
6
7
8
9
10
 Best

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent. This vehicle gets 60 MPGequivalent.

Dual Fuel Vehicle: Plug-in Hybrid Electric

Environment Rating
(among all vehicles)

125 CO₂ grams/mile (tailpipe only)

Other Air Pollutants
★
★
★
★
★


3.5 out of 5 (5 is best)

Visit www.fueleconomy.gov

- Calculate personalized driving estimates
- Download the Fuel Economy Guide (also available at dealers)

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.



Your actual mileage and costs will vary with fuel cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

18. Which vehicle is better for a round-trip of 20 miles?

- Vehicle A
 Vehicle B
 Both are equally good

19. Which vehicle is better for a round-trip of 120 miles?

- Vehicle A
 Vehicle B
 Both are equally good

Vehicle Purchase - Buyers Label 3_Copy

Vehicle A:

EPA Fuel Economy and DOT Environmental Comparisons

All Electric (when fully charged)

90 MPGequivalent

37 kW-hrs per 100 mi.

Charge takes **4 hours**

Range **40 miles** before switching to Gas Mode

Gas Only (when battery is empty)

54 MPG

1.9 gallons per 100 mi.

Annual Fuel Cost \$712 All Electric and Gas Only combined

Fuel Economy & Greenhouse Gas Rating (among all vehicles)

Worst 1 2 3 4 5 6 7 8 9 10 Best

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent. This vehicle gets 72 MPGequivalent.

Your actual mileage and costs will vary with fuel cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

Dual Fuel Vehicle: Plug-in Hybrid Electric

Environment Rating (among all vehicles)

62 CO₂ grams/mile (tailpipe only)

Other Air Pollutants **★★★★☆**

4 out of 5 (5 is best)


US EPA SmartWay

Visit www.fueleconomy.gov

- Calculate personalized driving estimates
- Download the Fuel Economy Guide (also available at dealers)

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.



Vehicle B:

EPA Fuel Economy and DOT Environmental Comparisons

Fuel Economy

119 MPGequivalent

125 112

combined city highway

Consumption

\$508

annual fuel cost

28 kW-hrs per 100 miles

Environment Rating (among all vehicles)

0 CO₂ grams/mile (tailpipe only)

Other Air Pollutants **★★★★★**

5 out of 5 (5 is best)

US EPA SmartWay

Charge & Range

Full charge in **12 hours** Vehicle can travel **90 miles**

Fuel Economy & Greenhouse Gas Rating (among all vehicles)


Worst 1 2 3 4 5 6 7 8 9 10 Best

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent.

Your actual mileage and costs will vary with electricity cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.



20. Which vehicle is better for a round-trip of 30 miles?

- Vehicle A
 Vehicle B
 Both are equally good

21. Which vehicle is better for a round-trip of 120 miles?

- Vehicle A
 Vehicle B
 Both are equally good

Vehicle Purchase - Buyers Label 3_Copy

22. What label information did you use in deciding which vehicle was better in the previous questions? (check all that apply)

YOU MAY WANT TO USE THE LABEL BELOW TO ASSIST YOU AS YOU ANSWER THIS QUESTION.

- Vehicle range information
- Rating information
- Environmental impact information
- Fuel economy information
- Gasoline and/or electricity cost information
- Gasoline and/or electricity consumption information

Other (please specify here)

Fuel Consumption (points to Blended Electric+Gas and Gas Only sections)

Fuel Economy (points to 65 MPGe equivalent and 54 MPG)

Range (points to 30 miles before switching to Gas Mode)

Gas and/or Electric Cost (points to Annual Fuel Cost \$755)

Rating (points to Fuel Economy & Greenhouse Gas Rating 9)

Environmental Impact (points to Environment Rating 125 CO₂ grams/mile)

Label Content:

EPA Fuel Economy and DOT Environmental Comparisons

Dual Fuel Vehicle: Plug-in Hybrid Electric

Blended Electric+Gas (when fully charged): **65 MPGe equivalent** (1.5 gallon gas equivalent per 100 miles)

Gas Only (when battery is empty): **54 MPG** (1.9 gallons per 100 mi)

Charge takes: **4 hours** | Range: **30 miles** before switching to Gas Mode | Electric only: first **11 miles**

Annual Fuel Cost \$755 (Blended and Gas Only combined)

Fuel Economy & Greenhouse Gas Rating (among all vehicles): **9** (Worst to Best scale for midsize cars)

Environment Rating (among all vehicles): **125** CO₂ grams/mile (tailpipe only) | **3.5** stars (3.5 out of 5 (5 is best))

Visit www.fueleconomy.gov

Smartphone Interactive (QR code)

Your actual mileage and costs will vary with fuel cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr. MPGe equivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

The next 4 questions ask you to look at the labels for two vehicles and determine which you would purchase. For each question assume that the two vehicles are the same make and model, but

Vehicle Purchase - Buyers Label 3_Copy

that the vehicle technology is different (for example, gasoline vehicle and electric vehicle). AS YOU ANSWER THESE QUESTIONS, PLEASE THINK ABOUT YOUR OWN DAILY DRIVING PATTERNS.

WHEN ANSWERING QUESTIONS ON THE FOLLOWING PAGES, PLEASE BE SURE TO SCROLL TO THE RIGHT SO THAT YOU CAN SEE ALL OF BOTH LABELS.

Vehicle A:

EPA Fuel Economy and DOT Environmental Comparisons

Fuel Economy

46 MPG
combined city highway

Consumption

\$913
annual fuel cost

2.2 gallons used every 100 miles

Fuel Economy & Greenhouse Gas Rating
(among all vehicles)

Worst 1 2 3 4 5 6 7 **8** 9 10 Best
midsize cars

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent.

Your actual mileage and costs will vary with fuel cost, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon.

Visit www.fueleconomy.gov

- Calculate personalized driving estimates
- Download the Fuel Economy Guide (also available at dealers)

Gasoline Vehicle


Environment Rating
(among all vehicles)

195 CO₂ grams/mile (tailpipe only)

Other Air Pollutants
★★★★☆
2.5 out of 5 (5 is best)

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.



Vehicle B:

EPA Fuel Economy and DOT Environmental Comparisons

All Electric
(when fully charged)

98 MPGequivalent
34 kW-hrs per 100 mi.

Charge takes 4 hours

Gas Only
(when battery is empty)

28 MPG
3.6 gallons per 100 mi.

Range 20 miles before switching to Gas Mode

Annual Fuel Cost \$1,146 All Electric and Gas Only combined

Fuel Economy & Greenhouse Gas Rating
(among all vehicles)

Worst 1 2 3 4 5 6 7 **8** 9 10 Best
midsize cars

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent. This vehicle gets 39 MPGequivalent.

Your actual mileage and costs will vary with fuel cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

Dual Fuel Vehicle Plug-in Hybrid E


Environment Rating
(among all vehicles)

193 CO₂ grams/mile (tailpipe only)

Other Air Pollutants
★★★★☆
3.5 out of 5 (5 is best)

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.



23. Assuming the same make and model of vehicle for both labels above and assuming that both vehicles met all your other requirements (including size, reliability, comfort, performance, appearance, and safety) and are identical in purchase price, which vehicle would you purchase when you consider your typical travel pattern?

jn Vehicle A

jn Vehicle B

jn Equally likely to purchase either vehicle

Vehicle Purchase - Buyers Label 3_Copy

Vehicle A:

EPA Fuel Economy and DOT Environmental Comparisons

Fuel Economy

28 MPG
combined 25 city 32 highway

Consumption

\$1,500
annual fuel cost

3.6 gallons used every 100 miles

Gasoline Vehicle

Environment Rating
(among all vehicles)

320 CO₂ grams/mile (tailpipe only)

Other Air Pollutants
 2.5 out of 5 (5 is best)

Fuel Economy & Greenhouse Gas Rating
(among all vehicles)

Worst
1
2
3
4
5
6
7
8
9
10
 Best

midsize cars

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent.

Your actual mileage and costs will vary with fuel cost, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon.

Visit www.fueleconomy.gov

- Calculate personalized driving estimates
- Download the Fuel Economy Guide (also available at dealers)

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.

Vehicle B:

EPA Fuel Economy and DOT Environmental Comparisons

Fuel Economy

123 MPGequivalent
combined 130 city 116 highway

Consumption

\$490
annual fuel cost

27 kW-hrs per 100 miles

Electric Vehicle

Environment Rating
(among all vehicles)

0 CO₂ grams/mile (tailpipe only)

Other Air Pollutants
 5 out of 5 (5 is best)

Fuel Economy & Greenhouse Gas Rating
(among all vehicles)

Worst
1
2
3
4
5
6
7
8
9
10
 Best

midsize cars

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent.

Your actual mileage and costs will vary with electricity cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

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- Calculate personalized driving estimates
- Download the Fuel Economy Guide (also available at dealers)

Charge & Range

Full charge in **12** hours Vehicle can travel **85** mile

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.

24. Assuming the same make and model of vehicle for both labels above and assuming that both vehicles met all your other requirements (including size, reliability, comfort, performance, appearance, and safety) and are identical in purchase price, which vehicle would you purchase when you consider your typical travel pattern?

Vehicle A

Vehicle B

Equally likely to purchase either vehicle

Vehicle Purchase - Buyers Label 3_Copy

Vehicle A:

EPA Fuel Economy and DOT Environmental Comparisons

All Electric (when fully charged)

89 MPGequivalent

38 kW-hrs per 100 mi.

Charge takes **4 hours**

Range **32 miles** before switching to Gas Mode

Gas Only (when battery is empty)

31 MPG

3.2 gallons per 100 mi.

Annual Fuel Cost \$990 All Electric and Gas Only combined

Fuel Economy & Greenhouse Gas Rating (among all vehicles)

Worst 1 2 3 4 5 6 7 8 **9** 10 Best

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent. This vehicle gets 48 MPGequivalent.

Your actual mileage and costs will vary with fuel cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

Dual Fuel Vehicle: Plug-in Hybrid Electric

Environment Rating (among all vehicles)

133 CO₂ grams/mile (tailpipe only)

Other Air Pollutants **★★★★☆** (4 out of 5 (5 is best))


US EPA SmartWay

Visit www.fueleconomy.gov

- Calculate personalized driving estimates
- Download the Fuel Economy Guide (also available at dealers)

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.



Vehicle B:

EPA Fuel Economy and DOT Environmental Comparisons

Fuel Economy

121 MPGequivalent

125 city 116 highway

Consumption

\$501 annual fuel cost

28 kW-hrs per 100 miles

Environment Rating (among all vehicles)

0 CO₂ grams/mile (tailpipe only)

Other Air Pollutants **★★★★★** (5 out of 5 (5 is best))

US EPA SmartWay

Charge & Range

Full charge in **12 hours** Vehicle can travel **80 mile**

Fuel Economy & Greenhouse Gas Rating (among all vehicles)

Worst 1 2 3 4 5 6 7 8 9 **10** Best

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent.


Your actual mileage and costs will vary with electricity cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

Visit www.fueleconomy.gov

- Calculate personalized driving estimates
- Download the Fuel Economy Guide (also available at dealers)

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.



25. Assuming the same make and model of vehicle for both labels above and assuming that both vehicles met all your other requirements (including size, reliability, comfort, performance, appearance, and safety) and are identical in purchase price, which vehicle would you purchase when you consider your typical travel pattern?

Vehicle A

Vehicle B

Equally likely to purchase either vehicle

Vehicle Purchase - Buyers Label 3_Copy

Vehicle A:

EPA Fuel Economy and DOT Environmental Comparisons

All Electric
(when fully charged)

90 MPGequivalent

37 kW-hrs per 100 mi.

Charge takes **4 hours**

Range **30** miles before switching to Gas Mode

Gas Only
(when battery is empty)

32 MPG

3.1 gallons per 100 mi.

Annual Fuel Cost \$973 All Electric and Gas Only combined

Fuel Economy & Greenhouse Gas Rating
(among all vehicles)

Worst
1
2
3
4
5
6
7
8
9
10
 Best

midsize cars

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent. This vehicle gets 48 MPGequivalent.

Your actual mileage and costs will vary with fuel cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

Dual Fuel Vehicle: Plug-in Hybrid Electric

Environment Rating
(among all vehicles)

131 CO₂ grams/mile (tailpipe only)

Other Air Pollutants
★
★
★
★
★

4 out of 5 (5 is best)





US EPA SmartWay

Visit www.fueleconomy.gov

- Calculate personalized driving estimates
- Download the Fuel Economy Guide (also available at dealers)

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.

Vehicle B:

EPA Fuel Economy and DOT Environmental Comparisons

Blended Electric+Gas
(when fully charged)

65 MPGequivalent

1.5 gallon gas equivalent per 100 miles

Charge takes **4 hours**

Range **30** miles before switching to Gas Mode

Electric only: first **11** miles

Gas Only
(when battery is empty)

54 MPG

1.9 gallons per 100 mi.

Annual Fuel Cost \$755 Blended and Gas Only combined

Fuel Economy & Greenhouse Gas Rating
(among all vehicles)

Worst
1
2
3
4
5
6
7
8
9
10
 Best

midsize cars

Fuel economy for all midsize cars ranges from 20 to 123 MPGequivalent. This vehicle gets 60 MPGequivalent.

Your actual mileage and costs will vary with fuel cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

Dual Fuel Vehicle: Plug-in Hybrid Electric

Environment Rating
(among all vehicles)

125 CO₂ grams/mile (tailpipe only)

Other Air Pollutants
★
★
★
★
★

3.5 out of 5 (5 is best)





US EPA SmartWay

Visit www.fueleconomy.gov

- Calculate personalized driving estimates
- Download the Fuel Economy Guide (also available at dealers)

Smartphone Interactive

Scan code for more information about this vehicle or to compare it with others.

26. Assuming the same make and model of vehicle for both labels above and assuming that both vehicles met all your other requirements (including size, reliability, comfort, performance, appearance, and safety) and are identical in purchase price, which vehicle would you purchase when you consider your typical travel pattern?

jn Vehicle A

jn Vehicle B

jn Equally likely to purchase either vehicle

Vehicle Purchase - Buyers Label 3_Copy

27. What label information did you use in deciding which vehicle you would purchase in the previous questions? (check all that apply)
 YOU MAY WANT TO USE THE LABEL BELOW TO ASSIST YOU AS YOU ANSWER THIS QUESTION.

- Fuel economy information
- Rating information
- Vehicle range information

- Gasoline and/or electricity cost information
- Environmental impact information
- Gasoline and/or electricity consumption information

Other (please specify here)

Fuel Consumption (points to Blended Electric+Gas and Gas Only sections)

Fuel Economy (points to 65 MPGe equivalent and 54 MPG)

Range (points to 30 miles before switching to Gas Mode)

Gas and/or Electric Cost (points to Annual Fuel Cost \$755)

Rating (points to Fuel Economy & Greenhouse Gas Rating 9)

Environmental Impact (points to Environment Rating 125 CO₂ grams/mile)

Label Content:

EPA Fuel Economy and DOT Environmental Comparisons

Dual Fuel Vehicle: Plug-in Hybrid Electric

Blended Electric+Gas (when fully charged): **65 MPGe equivalent** (1.5 gallon gas equivalent per 100 miles)

Gas Only (when battery is empty): **54 MPG** (1.9 gallons per 100 mi)

Charge takes: **4 hours** | Range: **30 miles** before switching to Gas Mode | Electric only: first **11 miles**

Annual Fuel Cost \$755 (Blended and Gas Only combined)

Fuel Economy & Greenhouse Gas Rating (among all vehicles): **9** (Worst to Best scale, midsize cars)

Environment Rating (among all vehicles): **125** CO₂ grams/mile (tailpipe only) | **3.5** stars (3.5 out of 5 (5 is best))

Visit www.fueleconomy.gov

Smartphone Interactive (QR code)

Your actual mileage and costs will vary with fuel cost, temperature, driving conditions, and how you drive and maintain your vehicle. Cost estimates are based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr. MPGe equivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

Vehicle Purchase - Buyers Label 3_Copy

28. Please rank order the top *five* things that would motivate you to seriously consider buying an advanced technology vehicle (such as an electric vehicle or a plug-in hybrid electric vehicle)? Do this by checking your #1 motivator in the #1 column, checking your #2 motivator in the #2 column, etc.

	#1 motivator	#2 motivator	#3 motivator	#4 motivator	#5 motivator
Good vehicle range	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vehicle and parts are reliable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental benefits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lower cost of vehicle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Good maintenance costs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduce the number of trips to the gas station	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Better fuel efficiency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduce our dependence on gasoline	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lower fuel costs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other things in your top five that would motivate you (please specify here)

29. The label that you saw for an electric vehicle shows that it emits 0 CO2 grams per mile (tailpipe only); all other vehicles emit some CO2 per mile from their tailpipes. What does it mean that electric vehicles are rated to have 0 CO2 emissions?

- The electricity used to power electric vehicles has no carbon dioxide emissions associated with it.
- The electricity used to power electric vehicles may cause carbon dioxide emissions at a powerplant, but the vehicle does not produce any additional CO2 emissions.
- Other

If 'other', please specify.

Vehicle Purchase - Buyers Label 3_Copy

30. Where would you prefer to see information on the CO2 emissions associated with producing electricity or other fuels which power vehicles?

- On the label, in addition to "tailpipe only" emissions
- On the label, combined with tailpipe emissions, in addition to a "tailpipe only" emissions value
- On a website instead of the label; the label should have "tailpipe only" emissions
- Other (please specify below)
- Information on the emissions associated with producing electricity and other fuels to power a vehicle is not important to me

If 'other', please specify.

In this section we would like to know a little bit about you. Please remember that all of your answers are strictly confidential.

31. On a scale of 1 to 7, where 1 = 'among the first people' and 7 = 'among the last people', how would you rate yourself in regard to when you generally get new gadgets that come on the market?

	1 - among the first	2	3	4	5	6	7 - among the last
I'm generally	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

32. What is your home zip code?

Zip code

33. How many working motorized vehicles does your household have?

- 1
- 2
- 3
- 4
- 5 or more

34. How many licensed drivers in your household?

- 1
- 2
- 3
- 4
- 5 or more

Vehicle Purchase - Buyers Label 3_Copy

35. What is your gender?

Male

Female

36. Which of the following ranges includes your age?

18-24

45-54

25-34

55-64

35-44

65 or over

37. What is the highest level of education you have completed?

Less than high school

College graduate (Bachelor's degree or equivalent)

High school diploma or GED

Postgraduate degree (Masters, Doctorate, Law, Medical)

Some college / AA degree / Technical school degree

38. How many people live in your household? Number of people includes you, your spouse/partner, your children (including full-time students under age 23 even if they do not live at home), and any legal dependents.

1

6

2

7

3

8

4

9

5

10 or more

Vehicle Purchase - Buyers Label 3_Copy

39. Which of the following categories includes your household's total 2009 income (before taxes)?

Less than \$15,000

\$75,000 to less than \$100,000

\$15,000 to less than \$25,000

\$100,000 to less than \$125,000

\$25,000 to less than \$50,000

\$125,000 to less than \$150,000

\$50,000 to less than \$75,000

\$150,000 or more

40. Do you have any comments about the label designs you saw in this survey?

These were all the questions we had for you today. BE SURE TO CLICK THE 'DONE' BUTTON BELOW SO THAT YOUR ANSWERS ARE ENTERED.