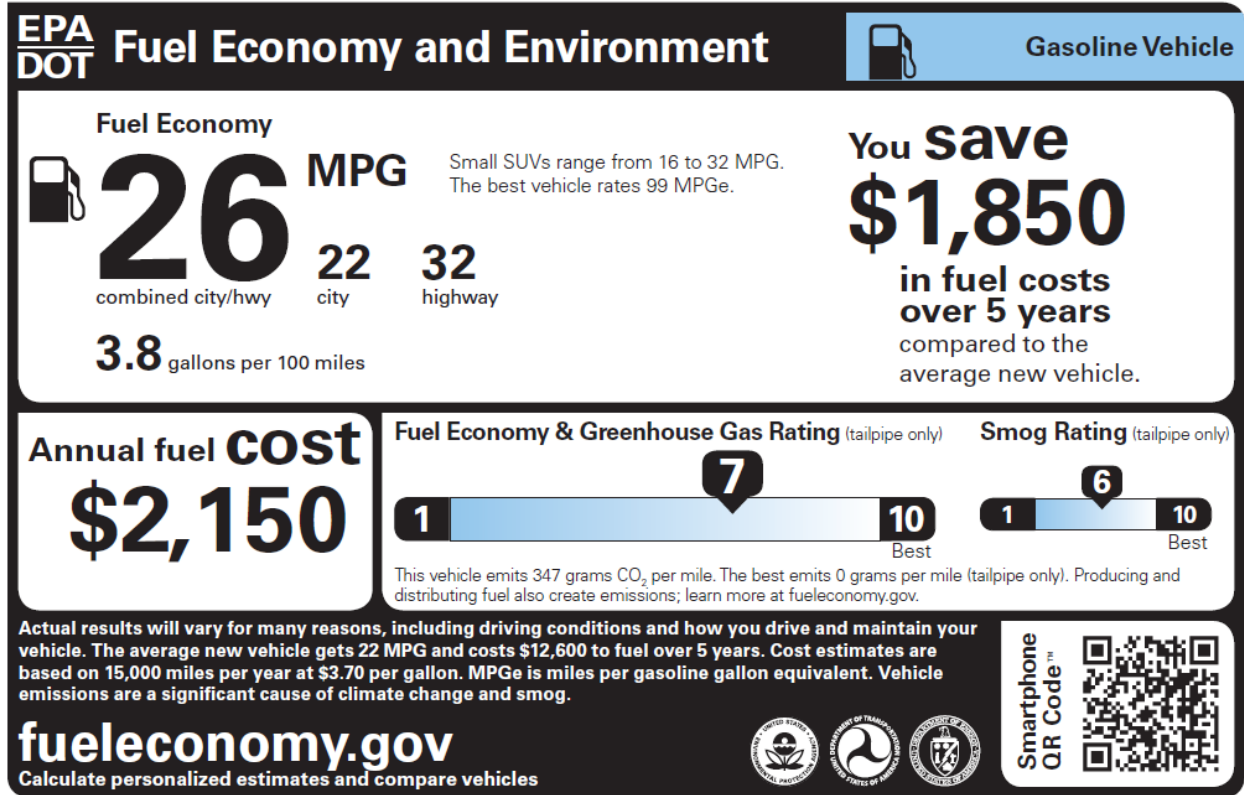


## **Fuel Economy Labels in EPA and DOT Final Rulemaking “Revisions and Additions to Motor Vehicle Fuel Economy Label”**


This document replicates in color the label designs that are published in the Final Rulemaking “Revisions and Additions to Motor Vehicle Fuel Economy Label.” The use of color is integral to the label, and because the Federal Register is not published in color, EPA is making the color versions available via this document, which is available both in the public docket and directly from the EPA website at <http://epa.gov/otaq/carlabel/basicinformation.htm>. For ease of use, the figure numbers correspond to those appearing in the Final Rulemaking.

Please note that these labels are examples and do not represent real automobiles. The sample labels are intended to illustrate the elements on the label that would be associated with each vehicle technology/fuel type. They are not meant to represent the actual values that any particular vehicle type could achieve.

Gasoline Label  
 (Figure IV-1. In Federal Register Notice)



Flexible Fuel Vehicle: Gasoline-Ethanol (E85) Without Driving Range  
 (Figure IV-2. in Federal Register Notice)




## Fuel Economy and Environment

E85

Flexible-Fuel Vehicle  
Gasoline-Ethanol (E85)

**Fuel Economy**



# 24

MPG

Large cars range from 14 to 28 mpg.  
The best vehicle rates 99 MPGe. Values are based on gasoline and do not reflect performance and ratings based on E85.

21

city

29

highway

4.2 gallons per 100 miles

**You save**

# \$1,100

**in fuel costs over 5 years**  
compared to the average new vehicle.

**Annual fuel cost**

# \$2,300

**Fuel Economy & Greenhouse Gas Rating** (tailpipe only)

1

7

10

Best

**Smog Rating** (tailpipe only)

1

6

10

Best

This vehicle emits 371 grams CO<sub>2</sub> per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel also create emissions; learn more at [fuel economy.gov](http://fuel economy.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. This is a dual fueled automobile. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

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Flexible Fuel Vehicle: Gasoline-Ethanol (E85) with Optional Driving Range  
 (Figure IV-3. in Federal Register Notice)



## Fuel Economy and Environment

E85

Flexible-Fuel Vehicle  
Gasoline-Ethanol (E85)

### Fuel Economy

24

MPG

Large cars range from 14 to 28 mpg. The best vehicle rates 99 MPGe. Values are based on gasoline and do not reflect performance and ratings based on E85.

21  
city

29  
highway

4.2  
gallons per 100 miles

**Driving Range**

Gasoline: 390 miles

Ethanol (E85): 270 miles

## You save

# \$1,100

**in fuel costs over 5 years**  
 compared to the average new vehicle.

### Annual fuel cost

# \$2,300

### Fuel Economy & Greenhouse Gas Rating (tailpipe only)

1

7

10  
Best

This vehicle emits 371 grams CO<sub>2</sub> per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel also create emissions; learn more at [fuel economy.gov](http://fuel economy.gov).

### Smog Rating (tailpipe only)

1

6

10  
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. This is a dual fueled automobile. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

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Diesel Vehicle  
 (Figure IV-4. in Federal Register Notice)



## Fuel Economy and Environment


Diesel Vehicle

**Fuel Economy**



# 35

MPG

combined city/hwy

Compact cars range from 14 to 41 MPG.  
The best vehicle rates 99 MPGe.

30

city

45

highway

2.9

gallons per 100 miles

You save

# \$4,350

in fuel costs  
over 5 years

compared to the  
average new vehicle.

Annual fuel cost

# \$1,650

**Fuel Economy & Greenhouse Gas Rating** (tailpipe only)

MPG

9

CO<sub>2</sub>

8

Best

10

This vehicle emits 292 grams CO<sub>2</sub> per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel also create emissions; learn more at [fuelconomy.gov](http://fuelconomy.gov).

**Smog Rating** (tailpipe only)

Best

10

6

1

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 \$3.90 per gallon. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

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Compressed Natural Gas Vehicle  
 (Figure IV-5. in Federal Register Notice)




## Fuel Economy and Environment



**Compressed  
Natural Gas Vehicle**

**Fuel Economy**



# 29

combined city/hwy

## MPGe

Small station wagons range from 19 to 34 MPG. The best vehicle rates 99 MPGe.

25

city

35

highway

3.4

equivalent gallons per 100 miles

**Driving Range**  
When fully fueled, vehicle can travel about...

0


35

70

105

140

175



175 miles

**You save**

# \$7,350

**in fuel costs over 5 years**

compared to the average new vehicle.

**Annual fuel COST**

# \$1,050

**Fuel Economy & Greenhouse Gas Rating** (tailpipe only)

1

10

8

MPG

CO<sub>2</sub>

This vehicle emits 220 grams CO<sub>2</sub> per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel also create emissions; learn more at [fuel-economy.gov](http://fuel-economy.gov).

**Smog Rating** (tailpipe only)

1

10




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 \$2.05 per gasoline gallon equivalent. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

**fuel-economy.gov**

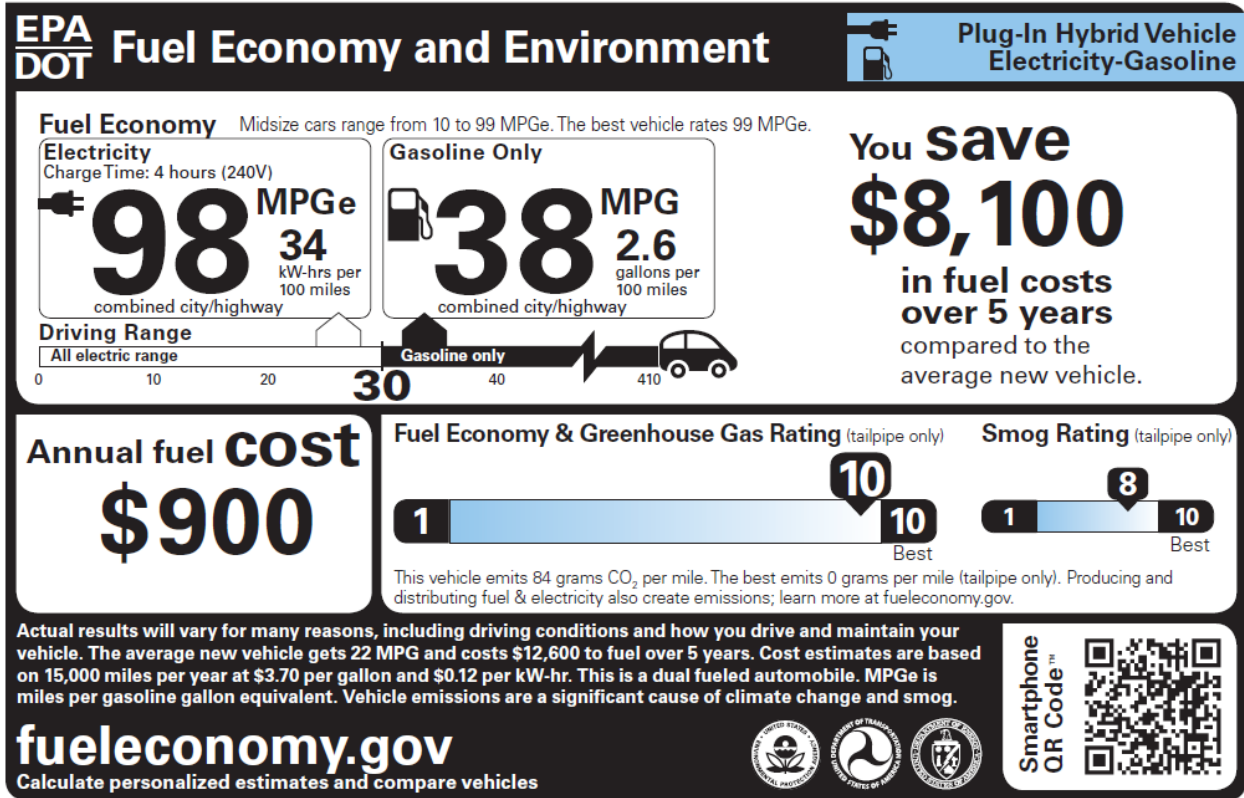
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Plug-In Hybrid Vehicle: Electricity Gasoline (Series PHEV)  
 (Figure IV-6. in Federal Register Notice)



Plug-In Hybrid Vehicle: Electricity Gasoline (Blended PHEV)  
 (Figure IV-7. in Federal Register Notice)

**EPA DOT**

**Fuel Economy and Environment**

**Plug-In Hybrid Vehicle  
Electricity-Gasoline**

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

**Electricity + Gasoline**  
Charge Time: 4 hours (240V)

**65 MPGe**  
combined city/highway

1.0 gallons per 100 miles  
17 kW-hrs per 100 miles

**Gasoline Only**

**41 MPG**  
combined city/highway

2.4 gallons per 100 miles

**Driving Range**

Electricity + Gasoline: 0 to 50 miles (All Electric Range = 0 miles)

Gasoline only: 0 to 440 miles

**You save**

**\$7,350**

**in fuel costs over 5 years**  
compared to the average new vehicle.

---

**Annual fuel COST**

**\$1,050**

**Fuel Economy & Greenhouse Gas Rating** (tailpipe only)

**10** Best

This vehicle emits 131 grams CO<sub>2</sub> per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel & electricity also create 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.**

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Electric Vehicle  
 (Figure IV-8. in Federal Register Notice)



# Fuel Economy and Environment


Electric Vehicle

**Fuel Economy**



# 99

combined city/hwy

## MPGe

city: 103 highway: 95

## 34

kW-hrs per 100 miles

Midsized cars range from 10 to 99 MPGe. The best vehicle rates 99 MPGe.

**Driving Range**

When fully charged, vehicle can travel about...

0


20

40

60

80

99



Charge Time: 8 hours (240V)

**You save**

# \$9,600

in fuel costs over 5 years compared to the average new vehicle.

**Annual fuel cost**

# \$600

**Fuel Economy & Greenhouse Gas Rating** (tailpipe only)

1

10

10

Best

**Smog Rating** (tailpipe only)

1

10

10

Best

This vehicle emits 0 grams CO<sub>2</sub> per mile. The best emits 0 grams per mile (tailpipe only). Does not include emissions from generating electricity; learn more at [fuel economy.gov](http://fuel economy.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 \$0.12 per kW-hr. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.**

[fuel economy.gov](http://fuel economy.gov)

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Hydrogen Fuel Cell Vehicle  
 (Figure IV-9. in Federal Register Notice)

## Fuel Economy and Environment

# H<sub>2</sub>

Hydrogen Fuel Cell Vehicle

**Fuel Economy**

H<sub>2</sub>
56
MPGe

Midsize station wagons range from 19 to 56 MPGe. The best vehicle rates 99 MPGe.

**53**

city

**61**

highway

**1.8**

kg H<sub>2</sub> per 100 miles

**Driving Range**  
 When fully fueled, vehicle can travel about...

0

40

80

120

160

210

miles

**You save**

**\$5,350**

in fuel costs over 5 years compared to the average new vehicle.

Annual fuel cost

\$1,450

Fuel Economy & Greenhouse Gas Rating (tailpipe only)

1

10

10

Best

This vehicle emits 0 grams CO<sub>2</sub> per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel also create emissions; learn more at fueleconomy.gov.

Smog Rating (tailpipe only)

1

10

10

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 \$5.55 per kilogram of hydrogen. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

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Gasoline Vehicle with Gas Guzzler Tax  
 (Figure IV-10. in Federal Register Notice)




## Fuel Economy and Environment



Gasoline Vehicle

**Fuel Economy**



# 11

MPG

combined city/hwy

Two seaters range from 10 to 37 MPG.  
The best vehicle rates 99 MPGe.

9

city

15

highway

9.1

gallons per 100 miles

\$7,700

gas guzzler tax

You spend

# \$14,400

more in fuel costs over 5 years compared to the average new vehicle.

Annual fuel cost

# \$5,400

**Fuel Economy & Greenhouse Gas Rating** (tailpipe only)

1

10

Best

This vehicle emits 810 grams CO<sub>2</sub> per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel also create emissions; learn more at [fuel economy.gov](http://fuel economy.gov).

**Smog Rating** (tailpipe only)

5




10

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 \$3.95 per gallon. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

fuel economy.gov

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