




Proposed Fuel Economy Labels in EPA and DOT Notice of Proposed Rulemaking “Revisions and Additions to Motor Vehicle Fuel Economy Label”

This document replicates in color the label designs that are published in the Notice of Proposed Rulemaking “Revisions and Additions to Motor Vehicle Fuel Economy Label.” The use of color is integral to the label designs being proposed, 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 www.epa.gov/fueleconomy/label.htm. For ease of use, the figure numbers correspond to those appearing in the Notice of Proposed Rulemaking.

Please note that these labels are examples and do not represent real automobiles.


Label 1 for gas/diesel vehicle, B grade
 (Figure III-1 in the Federal Register notice)

EPA
DOT | Fuel Economy and
Environmental Comparison



The above grade reflects fuel economy and greenhouse gases. Grading system ranges from A+ to D.

Smartphone



[website.here](#)

Over five years, this vehicle

saves \$1,900 in fuel costs compared to the average vehicle.

🚗 **Gasoline Vehicle**

Gallons/ 100 Miles	MPG City	MPG Highway	CO ₂ g/mile (tailpipe only)	Annual fuel cost
3.8	22	32	347	\$1,617

26

10 Worst | 103 Best

Combined MPGe

347

850 Worst | 0 Best

CO₂ g/mile




6

1 Worst | 10 Best

Other Air Pollutants


- Fuel economy for all SUVs ranges from 12 to 32 MPG.
- Annual fuel cost based on 15,000 miles per year at \$2.80 per gallon.

Visit [website.here](#) to calculate estimates personalized for your driving, and to download the Fuel Economy Guide (also available at dealers).


Label 1 for electric vehicle, A+ grade
 (Figure III-2 in the Federal Register notice)

EPA
DOT | Fuel Economy and
Environmental Comparison



The above grade reflects fuel economy and greenhouse gases. Grading system ranges from A+ to D.

Smartphone



[website.here](#)

Over five years, this vehicle


saves \$6,900 in fuel costs compared to the average vehicle.

⚡ **Electric Vehicle**

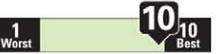
Range (miles)	kW-hrs/100 Miles	MPGe City	MPGe Highway	CO ₂ g/mile (tailpipe only)	Annual fuel cost
99	34	102	94	0	\$618



Combined MPGe




CO₂ g/mile



Other Air Pollutants

- Fuel economy for all midsize cars ranges from 12 to 103 MPGequivalent. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.
- Annual fuel cost based on 15,000 miles per year at 12 cents per kW-hr.

Visit [website.here](#) to calculate estimates personalized for your driving, and to download the Fuel Economy Guide (also available at dealers).


Label 1 for PHEV, A grade
 (Figure III-3 in the Federal Register notice)

EPA
DOT | Fuel Economy and
Environmental Comparison



Smartphone



The above grade reflects fuel economy and greenhouse gases. Grading system ranges from A+ to D.

[website.here](#)

Over five years, this vehicle **saves \$5,700** in fuel costs compared to the average vehicle.

🔌 **Dual Fuel Vehicle: Plug-in Hybrid Electric** 🔌

Blended Electric+Gas (first 50 miles only)		Gas Only		Blended & Gas Only Combined	
eGallons/ 100 Miles	Combined MPGe	Gallons/ 100 Miles	Combined MPG	CO ₂ g/mile (tailpipe only)	Annual fuel cost
1.5	65	2.7	38	137	\$855

53

10 Worst | 103 Best

Combined MPGe

137

850 Worst | 0 Best

CO₂ g/mile

8

1 Worst | 10 Best

Other Air Pollutants

- Fuel economy for all midsize station wagons ranges from 18 to 75 MPGe equivalent. MPGe equivalent: 33.7 kW-hrs = 1 gallon gasoline energy.
- Annual fuel cost based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr.

Visit [website.here](#) to calculate estimates personalized for your driving, and to download the Fuel Economy Guide (also available at dealers).





Label 1 for gas/diesel vehicle, C grade
 (Figure III-4 in the Federal Register notice)

EPA
DOT | Fuel Economy and
Environmental Comparison



The above grade reflects fuel economy and greenhouse gases. Grading system ranges from A+ to D.

Smartphone



[website.here](#)

Over five years, you will

spend **\$3,100** more in fuel costs compared to the average vehicle.

🚗 **Gasoline Vehicle**

Gallons/ 100 Miles	MPG City	MPG Highway	CO ₂ g/mile (tailpipe only)	Annual fuel cost
6.2	14	18	572	\$2,625

16

10 Worst | 103 Best

Combined MPGe

572

0 Best | 850 Worst

CO₂ g/mile

5

1 Worst | 10 Best

Other Air Pollutants

- Fuel economy for all SUVs ranges from 12 to 32 MPG.
- Annual fuel cost based on 15,000 miles per year at \$2.80 per gallon.

Visit [website.here](#) to calculate estimates personalized for your driving, and to download the Fuel Economy Guide (also available at dealers).





Label 1 for gas/diesel vehicle, D grade
 (Figure III-5 in the Federal Register notice)

EPA | Fuel Economy and Environmental Comparison
DOT



The above grade reflects fuel economy and greenhouse gases. Grading system ranges from A+ to D.

Smartphone



[website.here](#)

Over five years, you will **spend \$9,100** more in fuel costs compared to the average vehicle.

🔑 Gasoline Vehicle

Gallons/100 Miles	MPG City	MPG Highway	CO ₂ g/mile (tailpipe only)	Annual fuel cost
9.1	10	13	797	\$3,818



Combined MPGe



CO₂ g/mile



Other Air Pollutants

- Fuel economy for all midsize cars ranges from 12 to 103 MPGe equivalent.
- Annual fuel cost based on 15,000 miles per year at \$2.80 per gallon.

Visit [website.here](#) to calculate estimates personalized for your driving, and to download the Fuel Economy Guide (also available at dealers).





Label 1 for PHEV, Option 2
(Figure III-6 in the Federal Register notice)

EPA
DOT | Fuel Economy and
Environmental Comparison



The above grade reflects fuel economy and greenhouse gases. Grading system ranges from A+ to D.

Smartphone



[website.here](#)

Over five years, this vehicle

saves \$5,700 in fuel costs compared to the average vehicle.

⚡ **Dual Fuel Vehicle: Plug-in Hybrid Electric** ⚡

	All-Electric Range	eGallons/100 Miles	MPGe City	MPGe Highway	CO ₂ g/mile (tailpipe only)	Annual fuel cost
Blended Electric+Gas (first 50 miles only)	11	1.5	66	64	90	\$737
Gas Only	–	2.7	36	40	236	\$1,105

10 Worst

53

103 Best

53 Combined MPGe

850 Worst

137

0 Best

137 CO₂ g/mile

1 Worst

8

10 Best

8 Other Air Pollutants

- Fuel economy for all midsize station wagons ranges from 18 to 75 MPGe equivalent. MPGe equivalent: 33.7 kW-hrs = 1 gallon gasoline energy.
- Annual fuel cost based on 15,000 miles per year at \$2.80 per gallon and 12 cents per kW-hr.

Visit [website.here](#) to calculate estimates personalized for your driving, and to download the Fuel Economy Guide (also available at dealers).





Label 1 for CNG vehicle, A- grade
 (Figure III-7 in the Federal Register notice)

EPA
DOT | Fuel Economy and
Environmental Comparison



The above grade reflects fuel economy and greenhouse gases. Grading system ranges from A+ to D.

Smartphone



[website.here](#)

Over five years, this vehicle **saves \$6,100** in fuel costs compared to the average vehicle.

CNG **Compressed Natural Gas Vehicle**

Range (miles)	eGallons/100 Miles	MPGe City	MPGe Highway	CO ₂ g/mile (tailpipe only)	Annual fuel cost
170	3.6	24	36	220	\$777

28

10 Worst | 103 Best

Combined MPGe

220

350 Worst | 0 Best

CO₂ g/mile

9

1 Worst | 10 Best

Other Air Pollutants

- Fuel economy for all midsize cars ranges from 12 to 103 MPGe equivalent. MPGe equivalent: 121.5 cubic feet CNG = 1 gallon of gasoline energy.
- Annual fuel cost based on 15,000 miles per year at \$1.45 per gasoline gallon equivalent.

Visit [website.here](#) to calculate estimates personalized for your driving, and to download the Fuel Economy Guide (also available at dealers).





Label 1 for FFV, B grade
 (Figure III-8 in the Federal Register notice)

EPA
DOT | Fuel Economy and
Environmental Comparison



The above grade reflects fuel economy and greenhouse gases. Grading system ranges from A+ to D.

Smartphone



[website.here](#)

Over five years, this vehicle **saves \$1,600** in fuel costs compared to the average vehicle.

🔑 **Dual Fuel (Gas & E85) Vehicle**

Gallons/ 100 Miles	Gasoline MPG City	Gasoline MPG Highway	CO ₂ g/mile (tailpipe only)	Annual fuel cost
4.0	22	30	355	\$1,680

10 Worst	25	103 Best	850 Worst	355	0 Best	1 Worst	7	10 Best
Combined MPGe			CO ₂ g/mile		Other Air Pollutants			

- Fuel economy for all midsize cars ranges from 12 to 103 MPGe equivalent.
- Ratings are based on gasoline and do not reflect performance and ratings using E-85.
- Annual fuel cost based on 15,000 miles per year at \$2.80 per gallon.
- See the Fuel Economy Guide for more information.

Visit [website.here](#) to calculate estimates personalized for your driving, and to download the Fuel Economy Guide (also available at dealers).





Label 2 for gas/diesel vehicle
 (Figure III-9 in the Federal Register notice)

EPA
DOT

Fuel Economy and Environmental Comparisons

Gasoline Vehicle

26 MPG

combined city/hwy 22 city 32 highway

3.8 gallons used every 100 miles

Annual Fuel Cost

\$1,617

How This Vehicle Compares

Among all vehicles and within SUVs

Worst 10 MPGe 26 103 MPGe Best

SUVs

Environment

Greenhouse Gases (CO₂ g/mile, tailpipe only)

850 Worst
0 Best

Other Air Pollutants

1 Worst
10 Best

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. MPGequivalent: 33.7 kW-hrs = 1 gallon gasoline energy.

Visit www.fueleconomy.gov to calculate estimates personalized for your driving, and to 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.

Label 2 for electric vehicle
 (Figure III-10 in the Federal Register notice)

EPA
DOT

Fuel Economy and Environmental Comparisons

Electric Vehicle

⚡ 98 ^{MPGequivalent}

102 ^{city} 94 ^{highway}

34 ^{kW-hrs per 100 miles}

Annual Electric Cost

\$618

Charge & Range

Full Battery Charge time on a fully charged battery, vehicle can travel about...

12 hours

0 10 20 30 40 50 60 70 80 90 99 **99** miles

How This Vehicle Compares
Among all vehicles and within midsize cars

Worst 10 ^{MPGe} 98 103 ^{MPGe} Best

midsize cars

Environment

Greenhouse Gases 850 ^{Worst} 0 ^{Best}

(CO₂ g/mile, tailpipe only)

Other Air Pollutants 1 ^{Worst} 10 ^{Best}

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 to calculate estimates personalized for your driving, and to 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.

Label 2 for PHEV, extended range electric (series) type
 (Figure III-11 in the Federal Register notice)

EPA DOT Fuel Economy and Environmental Comparisons

Dual Fuel Vehicle: Gasoline-Electricity

All Electric
 When battery is fully charged, first 30 miles only.

98 MPGequivalent
34 kW-hrs per 100 miles
combined city/hwy

\$618 cost per year if always run in All Electric

Gas Only
 When electricity is used up, vehicle runs on gas.

38 MPG
2.7 gallons per 100 miles
combined city/hwy

\$1,105 cost per year if always run in Gas Only mode

Charge & Range

Full Battery Charge time **4 hours**

All Electric Range (battery)
Extended Range (gas)

How This Vehicle Compares
 Among all vehicles and within midsize cars

Worst 10 MPGe 56 103 MPGe Best

midsize cars

Environment

Greenhouse Gases (CO₂ g/mile, tailpipe only) 850 Worst **111** 0 Best

Other Air Pollutants 1 Worst **8** 10 Best

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.

Visit www.fueleconomy.gov to calculate estimates personalized for your driving, and to 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.

Label 2 for PHEV (predominantly blended type)
 (Figure III-12 in the Federal Register notice)

EPA Fuel Economy and
DOT Environmental Comparisons

**Dual Fuel Vehicle:
Gasoline-Electricity**

Electric + Gas
When battery is fully charged, first 50 miles only.

65 **MPGequivalent**

1.5 gallon gas equivalent per 100 miles
combined city/hwy

\$737 cost per year if always run in Electric + Gas mode

Gas Only
When electricity is used up, vehicle runs on gas.

38 **MPG**

2.7 gallons per 100 miles
combined city/hwy

\$1,105 cost per year if always run in Gas Only mode

Charge & Range

Full Battery Charge time **4** hours

Blended Electric + Gas Range (battery) 0 to 50 miles

Extended Range (gas) 50 to 504 miles

How This Vehicle Compares
Among all vehicles and within midsize station wagons

Worst **10** **MPGe** **53** **103** **MPGe** Best

midsize station wagons

Environment

Greenhouse Gases (CO₂ g/mile, tailpipe only)
Worst **850** **137** **0** Best

Other Air Pollutants
Worst **1** **8** **10** Best

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.

Visit www.fueleconomy.gov to calculate estimates personalized for your driving, and to download the Fuel Economy Guide (also available at dealers).

Label 2 for CNG vehicle
(Figure III-13 in the Federal Register notice)

EPA
DOT

Fuel Economy and Environmental Comparisons

**Compressed Natural
Gas Vehicle**

28

MPG_{equivalent}

combined city/hwy 24 city 36 highway

3.6 equivalent gallons per 100 miles

Annual Fuel Cost

\$777

How This Vehicle Compares

Among all vehicles and within SUVs

Worst **10** MPGe **28** **103** Best

SUVs

Environment

Greenhouse Gases (CO₂ g/mile, tailpipe only) **220**

850 Worst 0 Best

Other Air Pollutants **9**

1 Worst 10 Best

Your actual mileage and costs will vary with fuel cost, driving conditions, and how you drive and maintain your vehicle. Cost estimates based on 15,000 miles per year at \$1.45 per gasoline gallon equivalent. MPGequivalent: 121.5 cubic feet CNG = 1 gallon of gasoline energy.

Visit www.fueleconomy.gov to calculate estimates personalized for your driving, and to 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.

Label 2 for FFV
 (Figure III-14 in the Federal Register notice)

EPA
DOT

Fuel Economy and Environmental Comparisons

Dual Fuel Vehicle:
Gasoline-Ethanol (E85)



25

GASOLINE
MPG

combined city/hwy city highway

22 30

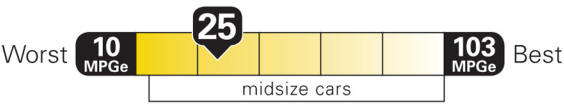
4.0 gallons of gasoline used
every 100 miles

Annual Fuel Cost

\$1,680

How This Vehicle Compares

Among all vehicles and within midsize cars




Worst 10 MPGe 25 103 MPGe Best

midsize cars


Environment

Greenhouse Gases (CO₂ g/mile, tailpipe only)



Worst 850 355 0 Best




Other Air Pollutants



Worst 1 7 10 Best


Your actual mileage and costs will vary with fuel cost, driving conditions, and how you drive and maintain your vehicle. Cost estimates based on 15,000 miles per year at \$2.80 per gallon. Ratings are based on gasoline and do not reflect performance and ratings using E-85. See the Fuel Economy Guide for more information.

Visit www.fueleconomy.gov to calculate estimates personalized for your driving, and to 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.



Label 3 for gas/diesel vehicle
 (Figure III-15 in the Federal Register notice)

EPA Fuel Economy and DOT Environmental Comparisons

 **Gasoline Vehicle**

Fuel Economy

26 MPG

combined city highway

22 **32**

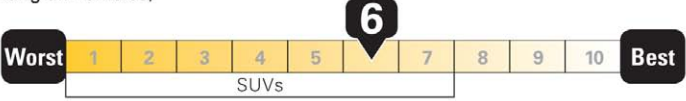
Consumption

\$1,617

annual fuel cost

3.8 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




SUVs

Fuel economy for all SUVs ranges from 12 to 32 MPG.

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)

Environment Rating
 (among all vehicles)

347 CO₂ grams/mile (tailpipe only)


Other Air Pollutants



3 out of 5 (5 is best)


Smartphone Interactive

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



Label 3 for electric vehicle
 (Figure III-16 in the Federal Register notice)

EPA Fuel Economy and
DOT Environmental Comparisons



Electric Vehicle

Fuel Economy **Consumption**

98

MPG_{equivalent}
 combined city highway

\$618

annual fuel cost

34

kW-hrs per 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 12 to 103 MPG_{equivalent}.

Environment Rating
 (among all vehicles)

0

CO₂ grams/mile
 (tailpipe only)

Other Air Pollutants

★


★

★

★

★

5 out of 5 (5 is best)



Charge & Range

Full charge in Vehicle can travel about


12
hours

99

miles

Smartphone Interactive




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



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. MPG_{equivalent}: 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)

Label 3 for PHEV, extended range electric (series) type
 (Figure III-17 in the Federal Register notice)

EPA Fuel Economy and DOT Environmental Comparisons

All Electric (when fully charged)

98 MPGequivalent

34 kW-hrs per 100 mi.

Charge takes **4** hours

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

Gas Only (when battery is empty)

38 MPG

2.7 gallons per 100 mi.

Annual Fuel Cost **\$847** 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 mid-sized cars ranges from 12 to 103 MPGequivalent. This vehicle gets 56 MPGequivalent.

Dual Fuel Vehicle: Plug-in Hybrid Electric

Environment Rating (among all vehicles)

111 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.



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.

Label 3 for PHEV, predominantly blended type
(Figure III-18 in the Federal Register notice)

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 **50 miles** before switching to Gas Mode
Electric only: first **11 miles**

Gas Only
(when battery is empty)

38 **MPG**
2.7 gallons per 100 mi.

Annual Fuel Cost **\$855** 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 station wagons ranges from 18 to 75 MPGequivalent. This vehicle gets 53 MPGequivalent.

Dual Fuel Vehicle:
Plug-in Hybrid Electric

Environment Rating
(among all vehicles)

137 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.



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.

