AUTHENTICATED
U.S. GOVERNMENT
INFORMATION
GPO

§575.401 Vehicle labeling of fuel economy, greenhouse gas, and other pollutant emissions information.

(a) *Purpose and scope.* The purpose of this section is to aid potential purchasers in the selection of new passenger cars and light trucks by providing them with information about vehicles' performance in terms of fuel economy, greenhouse gas (GHG), and other air pollutant emissions. Manufacturers of passenger cars and light trucks are required to include this information on the label described in this section. Although this information will also be available through means such as postings at *http://www.fueleconomy.gov*, the additional label information is intended to provide consumers with this information at the point of sale, and to help them compare between vehicles.

(b) *Application.* This section applies to passenger cars and light trucks manufactured in model year 2013 and later. Manufacturers may optionally comply with this section during model year 2012.

(c) *Definitions.*

(1) *Data element* means a piece of information required or permitted to be included on the fuel economy and environment label.

(2) *Fuel economy and environment label* means the label with information about automobile performance in terms of fuel economy, greenhouse gases, and other emissions and with rating systems for fuel economy, greenhouse gases, and other emissions that also indicate the automobile(s) with the highest fuel economy and lowest greenhouse gas emissions, as specified at 49 U.S.C. 32908(g).

(3) *Miles per gasoline gallon equivalent (MPGe)* is a measure of distance traveled per unit of energy consumed, and functions as a recognizable equivalent to, *e.g.*, kilowatt-hours per mile (kW-hr/mile).

(4) *Monroney label* means the label placed on new automobiles with the manufacturer's suggested retail price and other consumer information, as specified at 15 U.S.C. 1231–1233 (also known as the ''Automobile Information Disclosure Act label'').

(5) *Other air pollutants* or *other emissions* means those tailpipe emissions, other than carbon dioxide (CO_2), for which manufacturers must provide EPA with emissions rates for all new light duty vehicles each model year under EPA's Tier 2 light duty vehicle emissions standards requirements (40 CFR Part 86, Subpart S) or the parallel requirements for those vehicles certified instead to the California emissions standards. These air pollutants include non-methane organic gases (NMOG), nitrogen oxides (NO_X), particulate matter (PM), carbon monoxide (CO), and formaldehyde (HCHO).

(6) *Slider bar* means a horizontal rating scale with a minimum value at one end and a maximum value at the other end that can accommodate a designation of a specific value between those values with a box or arrow. The actual rating value would be printed (displayed) at the proper position on the scale representing the vehicle's actual rating value relative to the two end values.

(d) *Required label.* Prior to being offered for sale, each manufacturer must affix or cause to be affixed and each dealer must maintain or cause to be maintained on each passenger car or light truck a label that meets the requirements specified in this section, and conforms in content, format, and sequence to the sample labels depicted in the appendix to this section. The manufacturer must have the fuel economy label affixed in such a manner that appearance and legibility are maintained until after the vehicle is delivered to the ultimate consumer.

(e) *Required label information and format—general provisions*—(1) *Location.* It is preferable that the fuel economy and environment label information be incorporated into the Monroney label, provided that the prominence and legibility of the fuel economy and environment label is maintained. If the fuel economy and environment label is incorporated into the Monroney label, it must be placed on a separate section in the Monroney label and must not be intermixed with that label information, except for vehicle descriptions as noted in 40 CFR 600.302–08(d)(1). If the fuel economy and environment label is not incorporated into the Monroney label, it must be located on a side window, and as close as possible to the

Monroney label. If the window is not large enough to accommodate both the Monroney label and the fuel economy and environment label, the latter must be located on another window as close as physically possible to the Monroney label.

(2) *Size and legibility*. The fuel economy and environment label must be readily visible from the exterior of the vehicle and presented in a legible and prominent fashion. The label must be rectangular in shape with a minimum height of 4.5 inches (114 mm) and a minimum length of 7.0 inches (177 mm) as specified in the appendix to this section.

(3) *Basic appearance*. Fuel economy and environment labels must be printed on white or very light paper with the color specified in this section; any label markings for which a color is not specified here must be in black and white. The label can be divided into three separate fields outlined by a continuous border, as described in the appendix to this section. Manufacturers must make a good faith effort to conform to the formats illustrated in the appendix to this section. Label templates are available for download at *http://www.nhtsa.gov/fuel-economy/*.

(4) *Border*. Create a continuous black border to outline the label and separate the three information fields. Include the following information in the upper and lower portions of the border:

(i) *Upper border, label name*. (A) In the left portion of the upper border, the words ''EPA'' and ''DOT'' must be in boldface, capital letters that are light in color and left-justified, with a horizontal line in between them as shown in the appendix to this section.

(B) Immediately to the right of the agency names, the heading ''Fuel Economy and Environment'' must be in boldface letters that are light in color.

(ii) *Upper border, vehicle fuel type*. In the right portion of the upper border, identify the vehicle's fuel type in black font on a blue-colored field as follows:

(A) For vehicles designed to operate on a single fuel, identify the appropriate fuel. For example, identify the vehicle with the words ''Gasoline Vehicle,'' ''Diesel Vehicle,'' ''Compressed Natural Gas Vehicle,'' ''Hydrogen Fuel Cell Vehicle,'' etc. This includes hybrid electric vehicles that do not have plug-in capability. Include a logo corresponding to the fuel to the left of this designation as follows:

(*1*) For gasoline, include a fuel pump logo.

(*2*) For diesel fuel, include a fuel pump logo with a ''D'' inscribed in the base of the fuel pump.

(*3*) For natural gas, include the established CNG logo.

(*4*) For hydrogen fuel cells, include the expression ''H_2.''

(B) Identify dual-fueled (''flexible-fueled'') vehicles with the words ''Flexible-Fuel Vehicle Gasoline-Ethanol (E85),'' ''Flexible-Fuel Vehicle Diesel-Natural Gas,'' etc. Include a fuel pump logo or a combination of logos to the left of this designation as appropriate. For example, for vehicles that operate on gasoline or ethanol, include a fuel pump logo and the designation ''E85,'' as shown in the appendix to this section.

(C) Identify plug-in hybrid electric vehicles with the words ''Plug-In Hybrid Vehicle Electricity-Gasoline'' or ''Plug-In Hybrid Vehicle Electricity-Diesel.'' Include a fuel pump logo to the lower left of this designation and an electric plug logo to the upper left of this designation.

(D) Identify electric vehicles with the words ''Electric Vehicle.'' Include an electric plug logo to the left of this designation.

(iii) *Lower border, left side:* (A) In the upper left portion of the lower border, include the statement ''Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets *a* MPG and costs $*b* to fuel over 5 years. Cost estimates are based on *c* miles per year at $*d* per gallon. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.'' For the value of *a*, insert the average new vehicle combined MPG value for that model year established by EPA. For the value of *b*, insert the estimated five year fuel cost value established by EPA for the average new vehicle in that model year. For the value of *c*, insert the annual mileage rate established by EPA. For the value

of *d*, insert the estimated cost per gallon established by EPA for gasoline or diesel fuel, as appropriate. See paragraphs (f) through (j) below for alternate statements that apply for vehicles that use a fuel other than gasoline or diesel fuel.

(B) In the lower left portion of the lower border, include the Web site reference, ''fueleconomy.gov,'' and include the following statement: ''Calculate personalized estimates and compare vehicles'' beneath it.

(iv) *Lower border, right side:* Include a field in the right-most portion of the lower border to allow for accessing interactive information with mobile electronic devices as set forth in 40 CFR 600.302–12(b)(6).

(v) *Lower border, center:* Along the lower edge of the lower border, to the left of the field described in paragraph (e)(4)(iv) of this section, include the logos for the Environmental Protection Agency, the Department of Transportation, and the Department of Energy as shown in the appendix to this section.

(5) *Fuel economy performance and fuel cost values.* To the left side in the white field at the top of the label, include the following elements for vehicles that run on gasoline or diesel fuel with no plug-in capability:

(i) The heading ''Fuel Economy'' near the top left corner of the field.

(ii) The vehicle's combined fuel economy determined as set forth in 40 CFR 600.210–12(c) in large font, with the words ''combined city/hwy'' below the number in smaller font.

(iii) A fuel pump logo to the left of the combined fuel economy value (for diesel fuel, include a fuel pump logo with a ''D'' inscribed in the base of the fuel pump).

(iv) The units identifier and specific fuel economy values to the right of the combined fuel economy value as follows:

(A) Include the word ''MPG'' to the upper right of the combined fuel economy value.

(B) Include the value for the city and highway fuel economy determined as set forth in 40 CFR 600.210–12(a) and (b) to the right of the combined fuel economy value in smaller font, and below the word ''MPG.'' Include the expression ''city'' in smaller font below the city fuel economy value, and the expression ''highway'' in smaller font below the highway fuel economy value.

(v) Below the fuel economy performance values set forth in paragraphs (e)(5)(ii) and (iv) of this section, include the value for the fuel consumption rate required by EPA and determined as set forth in 40 CFR 600.302–12(c)(1).

(vi) To the right of the word ''MPG'' described in paragraph (e)(5)(iv)(A) of this section, include the information about the range of fuel economy of comparable vehicles as required by EPA and set forth in 40 CFR 600.302–12(c)(2) and below that information, include the expression ''The best vehicle rates 99 MPGe.''

(6) *Comparative five-year fuel costs/savings.* To the right side in the white field at the top of the label, include the information required by EPA at 40 CFR 600.302–12(c)(3).

(7) *Annual fuel cost value.* In the field in the lower left portion of the label, include the information on annual fuel cost as required by EPA and set forth in 40 CFR 600.302–12(d).

(8) *Fuel economy and environment slider bar ratings.* In the field in the lower right portion of the label,

(i) Include the heading ''Fuel Economy & Greenhouse Gas Rating (tailpipe only)'' in the top left corner of the field.

(ii) Include a slider bar in the left portion of the field as shown in the appendix to this section to characterize the vehicle's fuel economy and CO_2 emission rating relative to the range of fuel economy and CO_2 emission rates for all vehicles. Position a black box with a downward-pointing wedge above the slider bar positioned to show where that vehicle's fuel economy and CO_2 emission rating falls relative to the total range. Include the vehicle's fuel economy and CO_2 emission rating determined as set forth in 40 CFR 600.311–12(d) inside the box in white text. If the fuel economy and CO_2 emission ratings are different, the black box with a downward-pointing wedge above the slider bar must contain the fuel economy rating, with a second upward-pointing wedge below the slider bar containing the CO_2 emission rating. Include the number ''1'' in white text in

the black border at the left end of the slider bar, and include the number ''10'' in white text in the black border at the right end of the slider bar, with the expression ''Best'' in black text under the slider bar directly below the ''10.'' Add color to the slider bar such that it is blue at the left end of the range, white at the right end of the range, and shaded continuously across the range.

(iii) Include the heading ''Smog Rating (tailpipe only)'' in the top right corner of the field.

(iv) Include a slider bar in the right portion of the field to characterize the vehicle's level of emission control for other air pollutants relative to that of all vehicles. Position a black box with a downward-pointing wedge above the slider bar positioned to show where that vehicle's emission rating falls relative to the total range. Include the vehicle's emission rating determined as set forth in 40 CFR 600.311–12(g) inside the box in white text. Include the number ''1'' in white text in the black border at the left end of the slider bar, and include the number ''10'' in white text in the black border at the right end of the slider bar, with the expression ''Best'' in black text under the slider bar directly below the ''10.'' Add color to the slider bar such that it is blue at the left end of the range, white at the right end of the range, and shaded continuously across the range.

(v) Below the slider bars described in paragraphs (e)(8)(ii) and (e)(8)(iv) to this section, include the statement, ''This vehicle emits *e* grams CO_2 per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel also creates emissions; learn more at fueleconomy.gov.'' For the value of *e*, insert the vehicle's specific tailpipe CO_2 emission rating determined as set forth in 40 CFR 600.210–12(d).

(9) *Rounding*. Round all numerical values identified in this section to the nearest whole number unless otherwise specified.

(10) *Other label information required by EPA*. Manufacturers must include any additional labeling information required by EPA at 40 CFR 600.302–12 on the fuel economy and environment label.

(f) *Required label information and format—flexible-fuel vehicles*. (1) Fuel economy and environment labels for flexible-fuel vehicles must meet the specifications described in paragraph (e) of this section, with the exceptions and additional specifications described in this paragraph (f). This section describes how to label vehicles with gasoline engines. If the vehicle has a diesel engine, all the references to ''gas'' or ''gasoline'' in this section are understood to refer to ''diesel'' or ''diesel fuel,'' respectively.

(2) For qualifying vehicles, include the following additional expression in the statement identified in paragraph (e)(iv)(3)(A) of this section as shown in the appendix to this section: ''This is a dual fueled automobile.''

(3) Include the following elements instead of the information identified in paragraph (e)(5) of this section:

(i) The heading ''Fuel Economy'' near the top left corner of the field.

(ii) The vehicle's combined fuel economy as set forth in 40 CFR 600.210–12(c) in large font, with the words ''combined city/hwy'' below the number in smaller font.

(iii) A fuel pump logo and other logos as specified in paragraph (e)(4)(ii)(A) of this section to the left of the combined fuel economy value.

(iv) The units identifier and specific fuel economy values to the right of the combined fuel economy value as follows:

(A) Include the word ''MPG'' to the upper right of the combined fuel economy value.

(B) Include the value for the city and highway fuel economy determined as set forth in 40 CFR 600.210–12(a) and (b) to the right of the combined fuel economy value in smaller font, and below the word ''MPG.'' Include the expression ''city'' in smaller font below the city fuel economy value, and the expression ''highway'' in smaller font below the highway fuel economy value.

(v) Below the fuel economy performance value set forth in paragraph (f)(iii)(2) of this section, include the value for the fuel consumption rate required by EPA and determined as set forth in 40 CFR 600.302–12(c)(1).

(vi) To the right of the word ''MPG'' described in paragraph (e)(5)(iv)(A) of

this section, include the information about the range of fuel economy of comparable vehicles as required by EPA and set forth in 40 CFR 600.302–12(c)(2), and below that information, include the expression ''The best vehicle rates 99 MPGe. Values are based on gasoline and do not reflect performance and ratings based on E85.'' Adjust this statement as appropriate for vehicles designed to operate on different fuels.

(vii) Below the combined fuel economy value, the manufacturer may include information on the vehicle's driving range as shown in the appendix to this section, with the sub-heading ''Driving Range,'' and with range bars below this sub-heading as required by EPA and set forth in 40 CFR 600.303–12(b)(6).

(g) *Required label information and format—special requirements for hydrogen fuel cell vehicles.* (1) Fuel economy and environment labels for hydrogen fuel cell vehicles must meet the specifications set forth in paragraph (e) of this section, with the exceptions and additional specifications described in this paragraph (g).

(2) Include the following statement in the upper left portion of the lower border instead of the statement specified in paragraph (e)(4)(iii)(A) of this section: ''Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets *a* MPG and costs $*b* to fuel over 5 years. Cost estimates are based on *c* miles per year at $*d* per kilogram of hydrogen. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.'' For the value of *a*, insert the average new vehicle combined MPG value for that model year established by EPA. For the value of *b*, insert the estimated five year fuel cost value established by EPA for the average new vehicle in that model year. For the value of *c*, insert the annual mileage rate established by EPA. For the value of *d*, insert the estimated cost per kilogram established by EPA for hydrogen.

(3) Include the following elements instead of the information identified above in paragraph (e)(5) of this section:

(i) The heading ''Fuel Economy'' near the top left corner of the field.

(ii) The vehicle's combined fuel economy determined as set forth in 40 CFR 600.210–12(c) in large font, with the words ''combined city/hwy'' below the number in smaller font.

(iii) The ''H_2'' logo as specified in paragraph (e)(4)(ii)(A) of this section to the left of the combined fuel economy value.

(iv) The units identifier and specific fuel economy values to the right of the combined fuel economy value as follows:

(A) Include the word ''MPGe'' to the upper right of the combined fuel economy value.

(B) Include the value for the city and highway fuel economy determined as set forth in 40 CFR 600.311–12(a) and (b) to the right of the combined fuel economy value in smaller font, and below the word ''MPG.'' Include the expression ''city'' in smaller font below the city fuel economy value, and the expression ''highway'' in smaller font below the highway fuel economy value.

(v) To the right of the fuel economy performance values set forth in paragraph (iv)(B) of this section, include the value for the fuel consumption rate required by EPA and determined as set forth in 40 CFR 600.302–12(c)(1).

(vi) To the right of the word ''MPGe'' described in paragraph (g)(3)(iv)(A) of this section, include the information about the range of fuel economy of comparable vehicles as required by EPA and set forth in 40 CFR 600.302–12(c)(2) and below that information, include the expression ''The best vehicle rates 99 MPGe.''

(vii) Below the combined fuel economy value, include information on the vehicle's driving range as shown in the appendix to this section, as required by EPA and set forth in 40 CFR 600.304–12(b)(6)

(h) *Required label information and format—special requirements for compressed natural gas vehicles.* (1) Fuel economy and environment labels for compressed natural gas vehicles must meet the specifications described in paragraph (e) of this section, with the exceptions

and additional specifications described in this paragraph (h).

(2) Include the following statement in the upper left portion of the lower border instead of the statement specified in paragraph (e)(4)(iii)(A) of this section: ''Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets *a* MPG and costs $*b* to fuel over 5 years. Cost estimates are based on *c* miles per year at $*d* per gasoline gallon equivalent. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.'' For the value of *a*, insert the average new vehicle combined MPG value for that model year established by EPA. For the value of *b*, insert the estimated five year fuel cost value established by EPA for the average new vehicle in that model year. For the value of *c*, insert the annual mileage rate established by EPA. For the value of *d*, insert the estimated cost per gasoline gallon equivalent established by EPA for natural gas.

(3) Include the following elements instead of the information identified in paragraph (e)(5) of this section:

(i) The heading ''Fuel Economy'' near the top left corner of the field.

(ii) The vehicle's combined fuel economy determined as set forth in 40 CFR 600.210–12(c) in large font, with the words ''combined city/hwy'' below the number in smaller font.

(iii) The compressed natural gas logo as specified in paragraph (e)(4)(ii)(A) of this section to the left of the combined fuel economy value.

(iv) The units identifier and specific fuel economy values to the right of the combined fuel economy value as follows:

(A) Include the word ''MPGe'' to the upper right of the combined fuel economy value.

(B) Include the value for the city and highway fuel economy determined as set forth in 40 CFR 600.311–12(a) and (b) to the right of the combined fuel economy value in smaller font, and below the word ''MPGe.'' Include the expression ''city'' in smaller font below the city fuel economy value, and the expression ''highway'' in smaller font below the highway fuel economy value.

(v) To the right of the fuel economy performance values described in paragraph (h)(3)(iv)(B) of this section, include the value for the fuel consumption rate required by EPA and determined as set forth in 40 CFR 600.302–12(c)(1).

(vi) To the right of the word ''MPGe'' described in paragraph (g)(3)(iv)(A) of this section, include the information about the range of fuel economy of comparable vehicles as required by EPA and set forth in 40 CFR 600.302–12(c)(2), and below that information, include the expression ''The best vehicle rates 99 MPGe.''

(vii) Below the combined fuel economy value, include information on the vehicle's driving range as shown in the appendix to this section, as required by EPA and set forth in 40 CFR 600.306–12(b)(6).

(i) *Required label information and format—special requirements for plug-in hybrid electric vehicles.* (1) Fuel economy and environment labels for plug-in hybrid electric vehicles must meet the specifications described in paragraph (e) of this section, with the exceptions and additional specifications described in this paragraph (i). This paragraph (i) describes how to label vehicles equipped with gasoline engines. If a vehicle has a diesel engine, all the references to ''gas'' or ''gasoline'' in this section are understood to refer to ''diesel'' or ''diesel fuel,'' respectively.

(2) Include the following statement in the upper left portion of the lower border instead of the statement specified in paragraph (e)(4)(iii)(A) of this section: ''Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets *a* MPG and costs $*b* to fuel over 5 years. Cost estimates are based on *c* miles per year at $*d* per gallon and $*e* 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.'' For the value of *a*, insert the average new vehicle combined MPG value for that model year established by EPA. For the value of *b*, insert the estimated five year fuel cost value established by EPA for the average new vehicle in that model year. For the

value of *c*, insert the annual mileage rate established by EPA. For the value of *d*, insert the estimated cost per gallon established by EPA for gasoline. For the value of *e*, insert the estimated cost per kW-hr of electricity established by EPA.

(3) Include the following elements instead of the information identified above in paragraph (e)(5):

(i) The heading ''Fuel Economy'' near the top left corner of the field.

(ii) An outlined box below the heading with the following information:

(A) The sub-heading ''Electricity'' if the vehicle's engine starts only after the battery is fully discharged, or the sub-heading ''Electricity + Gasoline'' if the vehicle uses combined power from the battery and the engine before the battery is fully discharged.

(B) The expression ''Charge Time: x hours (240 V),'' as required by EPA and as set forth in 40 CFR 600.308–12(b)(2)(ii).

(C) The vehicle's combined fuel economy determined as set forth in 40 CFR 600.210–12(c) in large font, with the words ''combined city/hwy'' below the number in smaller font.

(D) An electric plug logo as specified in paragraph (e)(4)(ii)(A) of this section to the left of the combined fuel economy value. For vehicles that use combined power from the battery and the engine before the battery is fully discharged, also include the fuel pump logo as shown in the appendix to this section.

(E) The units identifier and specific fuel economy values to the right of the combined fuel economy value as follows:

(*1*) Include the word ''MPGe'' to the upper right of the combined fuel economy value.

(*2*) If the vehicle's engine starts only after the battery is fully discharged, identify the vehicle's electricity consumption rate as required by EPA and determined as set forth in set forth in 40 CFR 600.308–12(b)(2)(v).

(*3*) If the vehicle uses combined power from the battery and the engine before the battery is fully discharged, identify the vehicle's gasoline and electricity consumption rates as required by EPA and determined as set forth in 40 CFR 600.308–12(b)(2)(v).

(iii) A second outlined box to the right of the box described in paragraph (i)(3)(ii) of this section with the following information:

(A) The sub-heading ''Gasoline Only.''

(B) The vehicle's combined fuel economy determined as set forth in 40 CFR 600.210–12(c) in large font, with the words ''combined city/hwy'' below the number in smaller font.

(C) A fuel pump logo to the left of the combined fuel economy value.

(D) The units identifier and consumption values to the right of the combined fuel economy value as follows:

(*1*) Include the word ''MPGe'' to the upper right of the combined fuel economy value.

(*2*) Identify the vehicle's gasoline consumption rate required by EPA and determined as set forth in 40 CFR 600.308–12(b)(3).

(iv) Below the boxes specified in paragraphs (i)(3)(ii) and (iii) of this section, include information on the vehicle's driving range as shown in the appendix to this section, as required by EPA and as set forth in 40 CFR 600.308–12(b)(4).

(v) To the right of the heading ''Fuel Economy'' described in paragraph (i)(3)(i) of this section, include the information about the range of fuel economy of comparable vehicles as required by EPA and set forth in 40 CFR 600.302–12(c)(2) and to the right of that information, include the expression ''The best vehicle rates 99 MPGe.''

(4) Include the following statement instead of the statement identified in paragraph (e)(8)(v) of this section: ''This vehicle emits *f* grams CO_2 per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel & electricity also creates emissions; learn more at fueleconomy.gov.'' For the value of *f*, insert the vehicle's specific tailpipe CO_2 emission rating determined as set forth in 40 CFR 600.210–12(d).

(j) *Required label information and format—special requirements for electric vehicles.* (1) Fuel economy and environment labels for electric vehicles must meet the specifications described in paragraph (e) of this section, with the exceptions and additional specifications described in this section.

(2) Include the following statement in the upper left portion of the lower border instead of the statement specified above in paragraph (e)(4)(iii)(A) of this section: ''Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets *a* MPG and costs $*b* to fuel over 5 years. Cost estimates are based on *c* miles per year at $*e* per kW-hr. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.'' For the value of *a*, insert the average new vehicle combined MPG value for that model year established by EPA. For the value of *b*, insert the estimated five year fuel cost value established by EPA for the average new vehicle in that model year. For the value of *c*, insert the annual mileage rate established by EPA. For the value of *e*, insert the estimated cost per kW-hr of electricity established by EPA.

(3) Include the following elements instead of the information identified in paragraph (e)(5) of this section:

(i) The heading ''Fuel Economy'' near the top left corner of the field.

(ii) The vehicle's combined fuel economy determined as set forth in 40 CFR 600.210–12(c) in large font, with the words ''combined city/hwy'' below the number in smaller font.

(iii) The electric plug logo as specified in paragraph (e)(4)(ii)(A) of this section to the left of the combined fuel economy value.

(iv) The units identifier and specific fuel economy values to the right of the combined fuel economy value as follows:

(A) Include the word ''MPGe'' to the upper right of the combined fuel economy value.

(B) Include the value for the city and highway fuel economy determined as set forth in 40 CFR 600.311–12(a) and (b) to the right of the combined fuel economy value in smaller font, and below the word ''MPGe.'' Include the expression ''city'' in smaller font below the city fuel economy value, and the expression ''highway'' in smaller font below the highway fuel economy value.

(v) To the right of the fuel economy performance values described in paragraph (iv)(B) of this section, include the value for the fuel consumption rate required by EPA and determined as set forth in 40 CFR 600.310–12(b)(5).

(vi) Below the combined fuel economy value, include information on the vehicle's driving range as shown in the appendix to this section, as required by EPA and as set forth in 40 CFR 600.310–12(b)(6).

(vii) Below the driving range information and left-justified, include information on the vehicle's charge time, as required by EPA and as set forth in 40 CFR 600.310–12(b)(7).

(4) Include the following statement instead of the statement identified in paragraph (e)(8)(v) of this section: ''This vehicle emits 0 grams CO_2 per mile. The best emits 0 grams per mile (tailpipe only). Does not include emissions from generating electricity; learn more at fueleconomy.gov.''

APPENDIX TO § 575.401

Figure 1. Gasoline-fueled vehicles, including hybrid gasoline-electric vehicles with no plug-in capabilities.

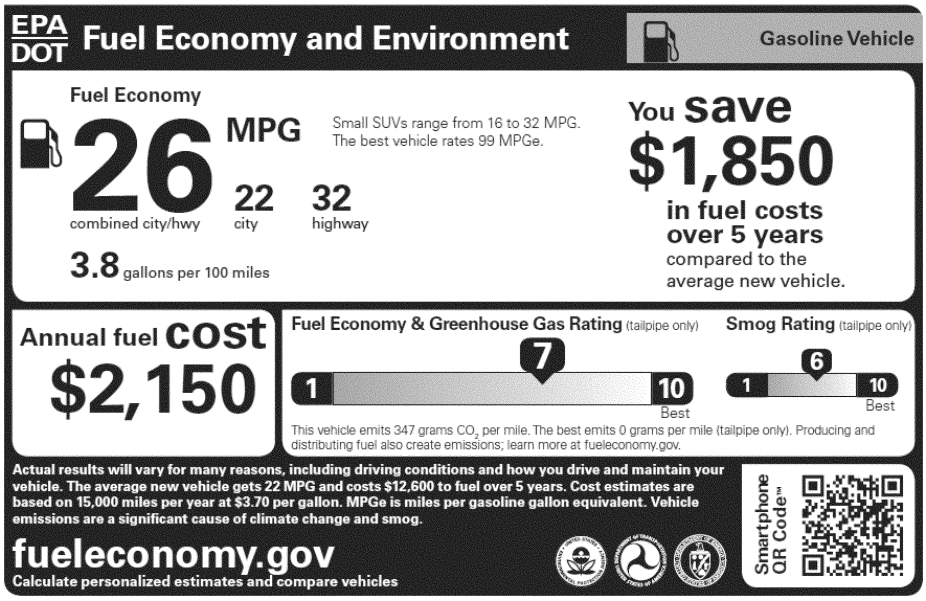

Figure 2. Gasoline-fueled vehicles, including hybrid gasoline-electric vehicles with no plug-in capabilities, with Gas Guzzler Tax.

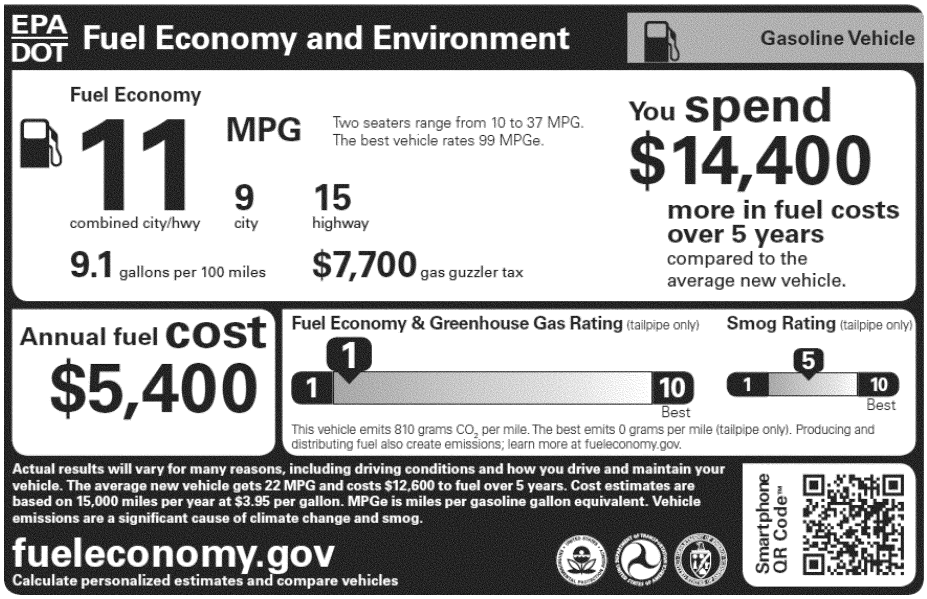

Figure 3. Diesel-fueled vehicles, including hybrid diesel-electric vehicles with no plug-in capabilities.

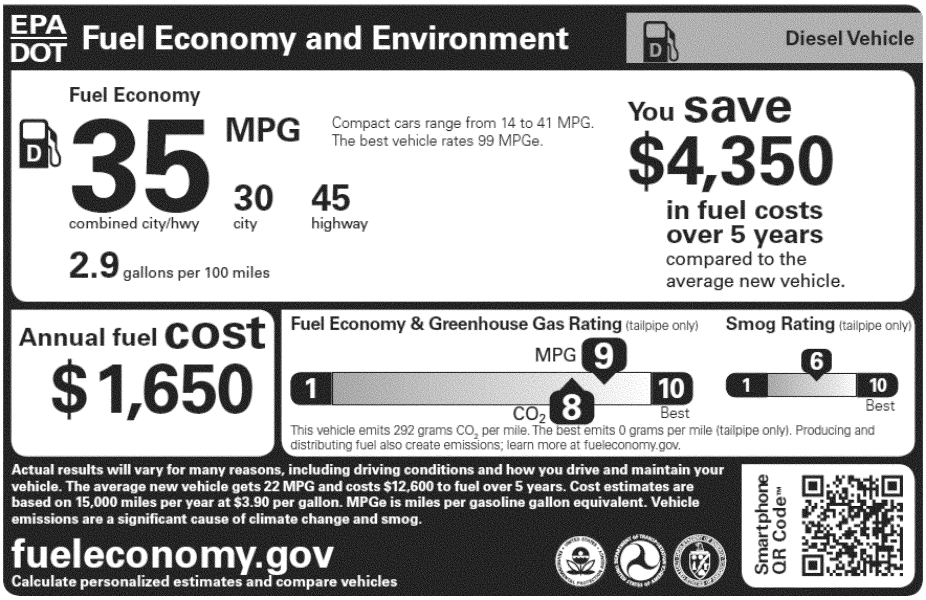

Figure 4. Dual Fuel Vehicle Label (Ethanol/Gasoline)

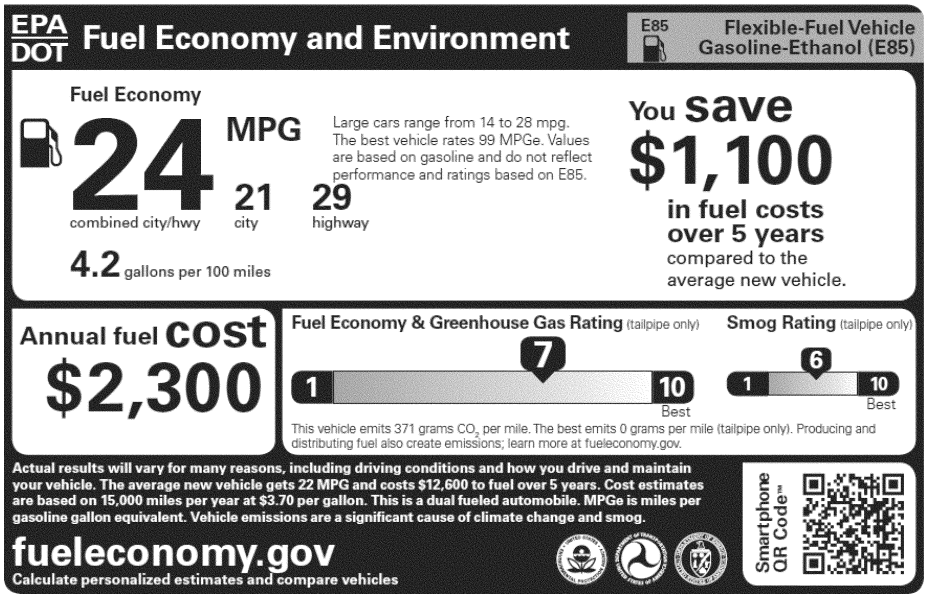

Figure 5. Dual Fuel Vehicle Label (Ethanol/Gasoline) with optional display of driving range values

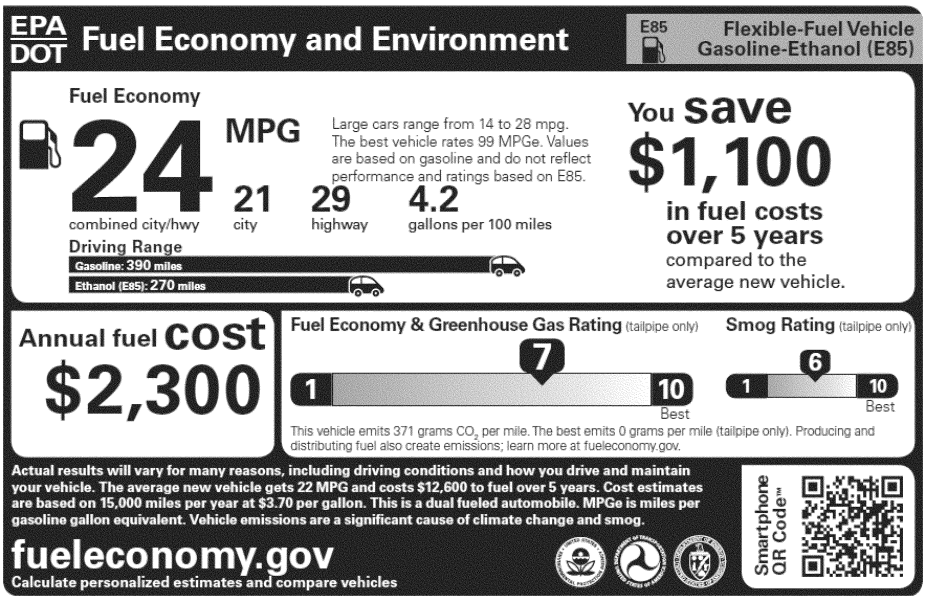

Figure 6. Hydrogen Fuel Cell Vehicle Label

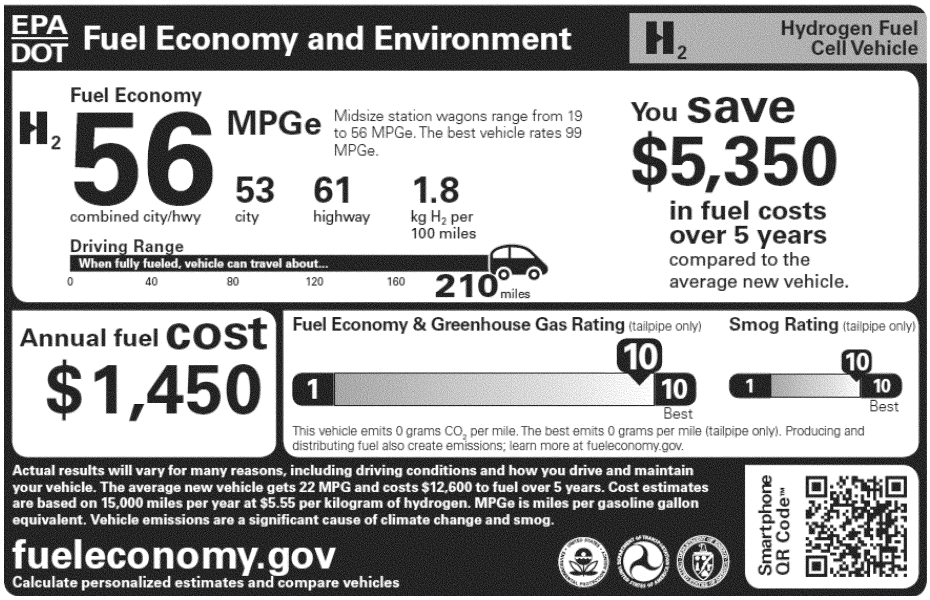

Figure 7. Natural Gas Vehicle Label

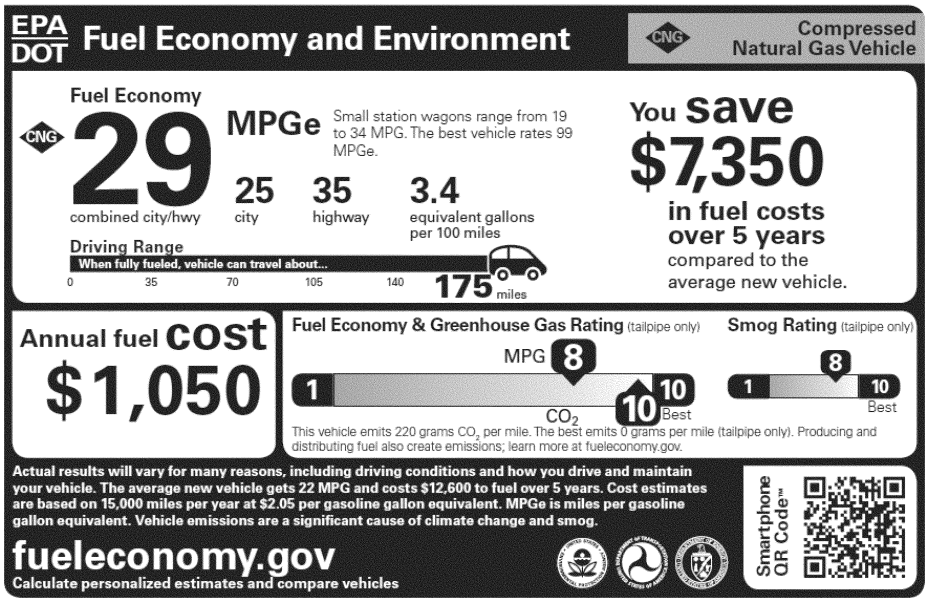

Figure 8. Plug-in Hybrid Electric Vehicle Label, Series PHEV

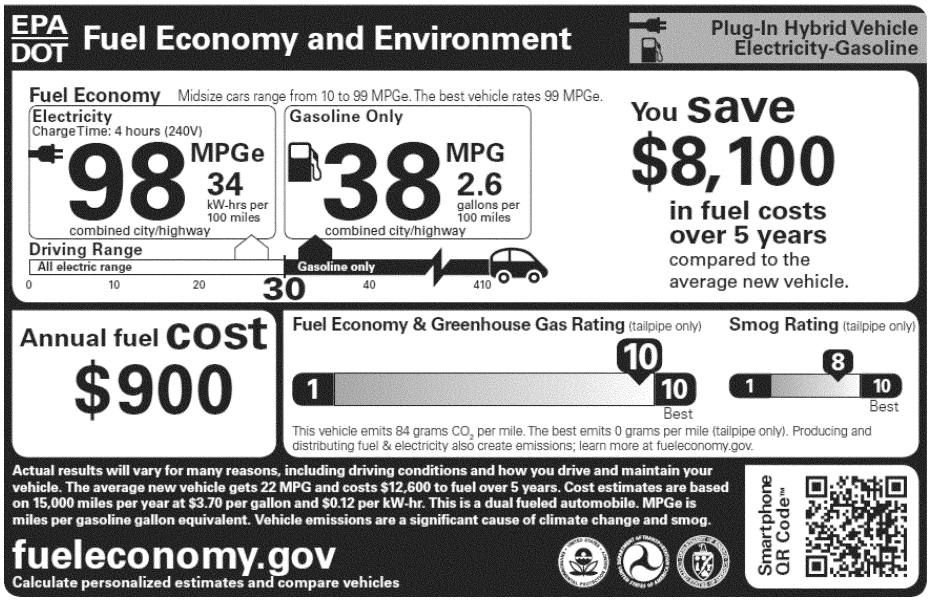

Figure 9. Plug-in Hybrid Electric Vehicle Label, Blended PHEV

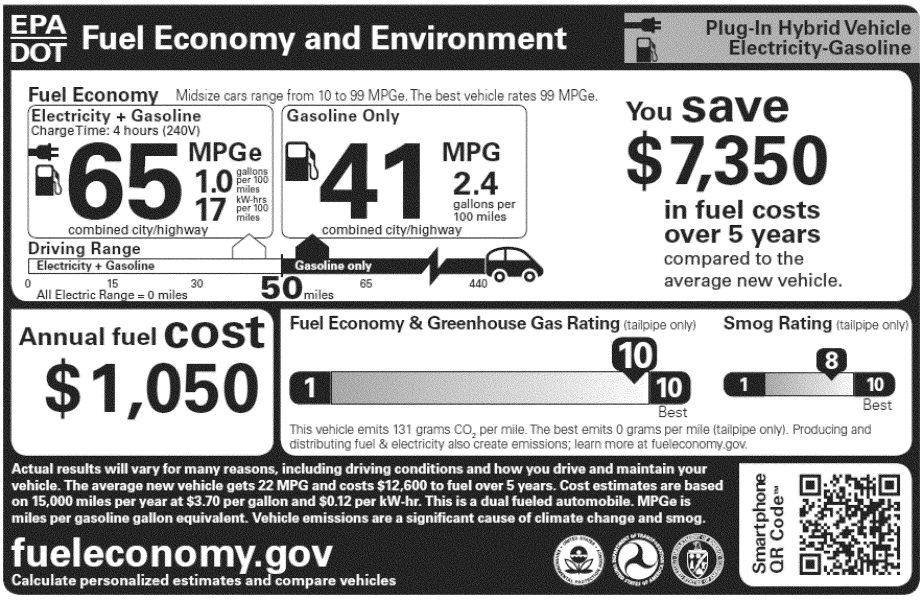
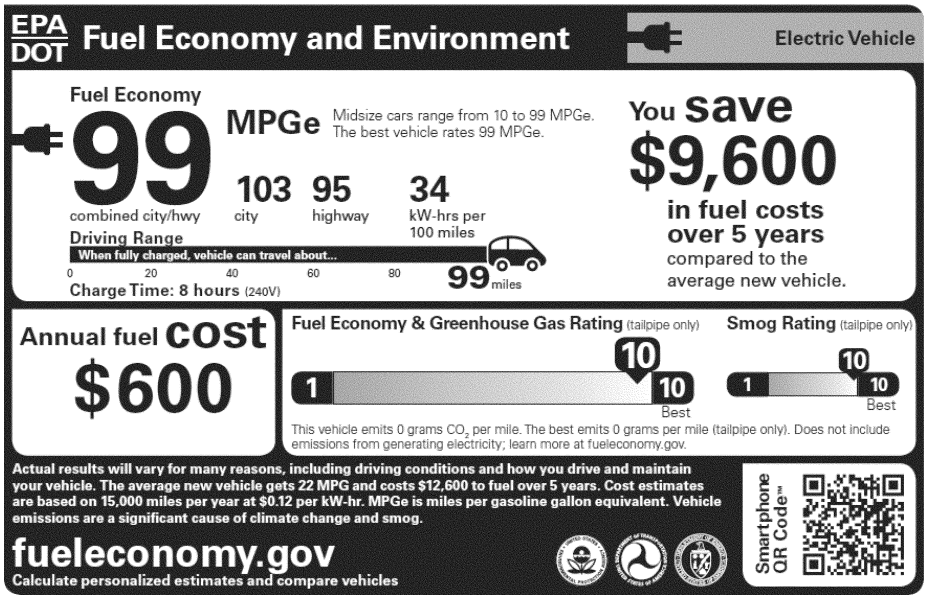
Figure 10. Electric Vehicle Label