Data Included in the Light-Duty Vehicles Download

The following data fields are provided in the downloadable files for light-duty vehicles.

Field	Value	Description
Vehicle ID	**Type:** integer	A unique identifier for this specific vehicle.
Fuel ID	**Type:** integer	An identifier for a specific vehicle fuel or technology type. See "Fuel" field below.
Fuel Configuration ID	**Type:** integer	An identifier for the vehicle's fuel configuration. See "Fuel Configuration Name" field below.
Manufacturer ID	**Type:** integer	An identifier for the vehicle's manufacturer. See "Manufacturer" field below.
Category ID	**Type:** integer	An identifier for the vehicle's category (e.g., Sedan, Van). See "Category" field below.
Model	**Type:** string	The vehicle's model name.
Model Year	**Type:** string	The vehicle's model year.
Alternative Fuel Economy City	**Type:** integer	For an alternative fuel (e.g., E85, electricity), the vehicle's fuel economy in miles per gallon (MPG) or miles per gasoline gallon equivalent (MPGe), under city driving conditions, as determined by the EPA.
Alternative Fuel Economy Highway	**Type:** integer	For an alternative fuel (e.g., E85, electricity), the vehicle's fuel economy in miles per gallon (MPG) or miles per gasoline gallon equivalent (MPGe), under highway driving conditions, as determined by the EPA.
Alternative Fuel Economy Combined	**Type:** integer	For an alternative fuel (e.g., E85, electricity), the vehicle's fuel economy in miles per gallon (MPG) or miles per gasoline gallon equivalent (MPGe), under a combination of city and highway driving conditions, as determined by the EPA.
Conventional Fuel Economy City	**Type:** integer	For a conventional fuel (e.g., gasoline, diesel fuel), the vehicle's fuel economy in miles per gallon (MPG) under city driving conditions, as determined by the EPA.
Conventional Fuel Economy Highway	**Type:** integer	For a conventional fuel (e.g., gasoline, diesel fuel), the vehicle's fuel economy in miles per gallon (MPG) under highway driving conditions, as determined by the EPA.
Conventional Fuel Economy Combined	**Type:** integer	For a conventional fuel (e.g., gasoline, diesel fuel), the vehicle's fuel economy in miles per gallon (MPG) under a combination of city and highway driving conditions, as determined by the EPA.
Transmission Type	**Type:** string	The type of transmission (e.g., manual or automatic) in the vehicle.
Engine Type	**Type:** string	The type of engine (e.g., compression or spark ignition [CI or SI] or electric motor) in the vehicle.
Engine Size	**Type:** string	The vehicle engine size in liters (L) or kilowatts (kW).
Engine Cylinder Count	**Type:** integer	The number of cylinders, if the vehicle has an internal combustion engine.

Field	Value	Description
Engine Description	**Type:** string	A basic description of the vehicle's engine or power source.
Manufacturer	**Type:** string	The vehicle's manufacturer.
Manufacturer URL	**Type:** string	The website address of the vehicle's manufacturer.
Category	**Type:** string	The type of vehicle.
Fuel Code	**Type:** string	A code identifying the vehicle's fuel or technology type. See "Fuel" field below.
Fuel	**Type:** string	The vehicle's fuel or technology type.
Fuel Configuration Name	**Type:** string	The vehicle's fuel/technology configuration.
Electric-Only Range	**Type:** integer	The electric range of the vehicle in miles, if applicable.
PHEV Total Range	**Type:** integer	For plug-in hybrid electric vehicles, the total range of the vehicle in miles.
PHEV Type	**Type:** string	For plug-in hybrid electric vehicles, denotes whether the configuration is blended or non-blended.
Notes	**Type:** string	Additional information about this vehicle.

The AFDC is a resource of the U.S. Department of Energy's Vehicle Technologies Office (https://energy.gov/eere/vehicles/technology-integration).

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