

# Package ‘fueleconomy’

August 29, 2016

**Title** EPA fuel economy data

**Version** 0.1

**Description** Fuel economy data from the EPA, 1985-2015, conveniently packaged for consumption by R users.

**Depends** R (>= 3.1.0)

**License** CC0

**LazyData** true

**Suggests** dplyr

**URL** <http://github.com/hadley/fueleconomy>

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**NeedsCompilation** no

**Repository** CRAN

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common	<i>Common models</i>
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## Description

These models have at least 10 years worth of data. This dataset is suitable for a left-join designed to restrict the number of observations to a more manageable level.

**Usage**

```
common
```

**Format**

A dataset with variables make, model, n (total number of models) and years (total number of model-years).

**Examples**

```
if (require("dplyr")) {
  vehicles %>% semi_join(common)
}
```

---

 vehicles

*Vehicle data*


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**Description**

Fuel economy data from the EPA, 1985-2015. This dataset contains selected variables, and removes vehicles with incomplete data (e.g. no drive train data)

**Usage**

```
vehicles
```

**Format**

A data frame with variables:

**id** Unique EPA identifier

**make** Manufacturer

**model** Model name

**year** Model year

**class** EPA vehicle size class, <http://www.fueleconomy.gov/feg/ws/wsData.shtml#VClass>

**trans** Transmission

**drive** Drive train

**cyl** Number of cylinders

**displ** Engine displacement, in litres

**fuel** Fuel type

**hwy** Highway fuel economy, in mpg

**cty** City fuel economy, in mpg

*vehicles*

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### **Source**

<http://www.fueleconomy.gov/feg/download.shtml>

### **Examples**

```
if (require("dplyr")) {  
  vehicles  
  vehicles %>% group_by(year) %>% summarise(cty = mean(cty))  
}
```

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