

Manual for the Monitoring of CO₂ emissions from passenger cars data viewer

This manual provides details on the scope, content and features of the Monitoring of CO₂ emissions from passenger cars data viewer.

The Regulation (EC) No 443/2009 requires Member States to record information for each new passenger car registered in its territory. Every year, each Member State shall submit to the Commission all the information related to their new registration.

This viewer is a user-friendly tool which allows visualising and downloading the synthesis of the submitted data.

The manual is organised as follows:

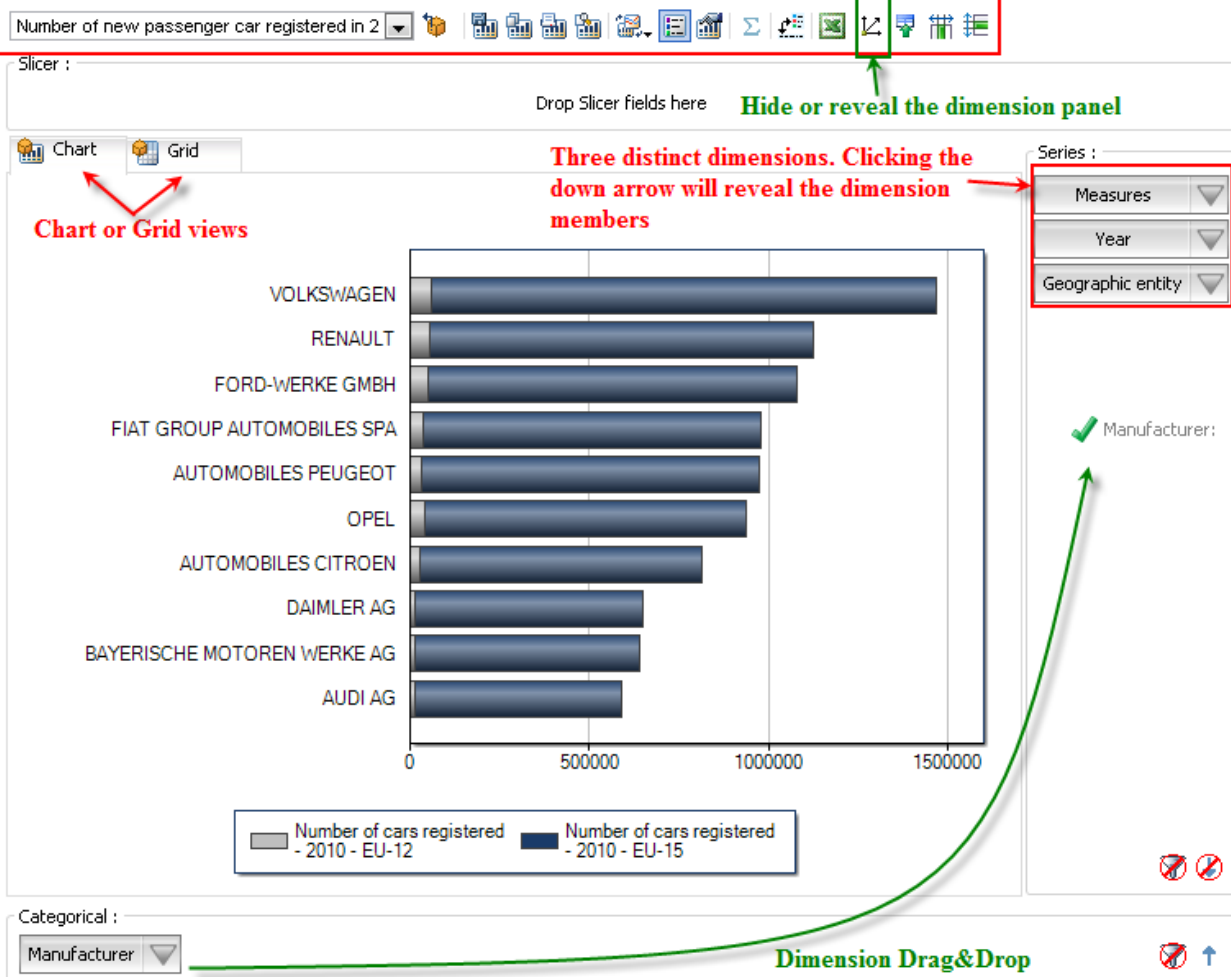
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1 General data viewer navigation

The following diagram represents some main elements and functionalities of the data viewer:

Toolbar: includes the list of predefined views and export, layout options

Predefined views:



Predefined views:

The "Predefined views" drop down menu allows switching between generic pre-defined views.

Dimensions:

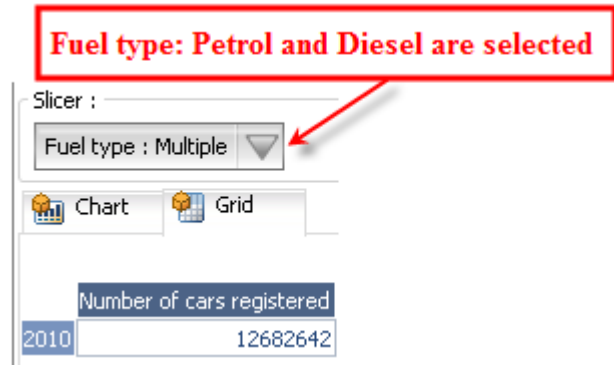
The data viewer counts height distinct dimensions:

"Measures", "Year", "Geographic entity", "Manufacturer", "Fuel type", "Distribution across CO2 emission", "Distribution across mass" and "Distribution across engine capacity".

Axis: three distinct axis “Filter/Slicer”, “Series” and “Categorical”.

Note: the “Filter/Slicer” allows multiple member selection, and therefore offers many possibilities in terms of aggregation.

Example: the screen shot below can be read: “In 2010, the total of newly registered petrol and diesel cars is equal to 12 682 642”.



Chart/Grid tabs: the “Chart/Grid” tabs allow easy switch between chart view and grid view.

Note: each dimension can be removed or added to the two axis panel. This can be accomplished by clicking the button “Show/Hide the dimension panel” (see figure) and using drag and drop behaviour.

When a dimension is removed from any of the three axis, a predefined default member is selected by default.

Default members have been defined as followed:

Year: “2010” (only year available);

Geographic entity: “EU-27”;

Manufacturer: “All manufacturers”;

Fuel type: “All Fuel types”;

Distribution across CO2 emission: “All CO2 categories”;

Distribution across mass: “All mass categories”;

Distribution across engine capacity: “All engine capacities”.

Scope of the viewer

1.1 Which countries and geographic entities are covered?

Data are available for each Member State of the European Union (EU-27), including EU-27, EU-15 and EU-12 country group aggregations.

1.2 Which car manufacturers are covered?

Based on the data submitted by Member States, a total of 91 car manufacturers are covered within the data viewer.

1.3 What time period is covered?

Data correspond to only one year of new passenger cars registrations: 2010.

1.4 Which additional passenger car information is covered?

Additional detail such as fuel type, fuel mode, vehicle mass and engine capacity were also submitted and can be visualized in the data viewer.

Note: detail about passenger cars “fuel mode” (“bi-fuel” or “mono-fuel”) is only provided for passenger cars of “electric” fuel type.

1.5 Measures

Seven distinct measures are available within the data viewer: the number of cars registered and 6 averages. Averages are weighted by the number of registrations.