



CARE – Road safety dashboard

User Guide

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Introduction:

The current document refers to CARE, the EU database on road crashes leading to death or injury.

The CARE dashboard allows citizens to browse/filter through an interactive graphical reporting tool containing a defined series of variables and indicators for all EU/EFTA countries. This is based on yearly datasets received from countries and some EC estimates if no data was submitted by countries.



Architecture:

The CARE dashboard consists of a webpage available for all citizens on the EC website: https://dashboard.tech.ec.europa.eu/qs_digit_dashboard_mt/public/extensions/MOVE_CARE_public/MOVE_CARE_public.html) where some interactive modules/charts are available.

Since the “source” dashboard is refreshed every morning through the execution of some processes querying the CARE database, the CARE dashboard always displays indicators updated with the last yearly CARE datasets provided by countries and uploaded to the database.

Data for year t-1 are usually available towards the end of year t or beginning of t+1. The data for a given year are displayed on the dashboard once 75% of the countries have provided a dataset for that year.



User Guide:

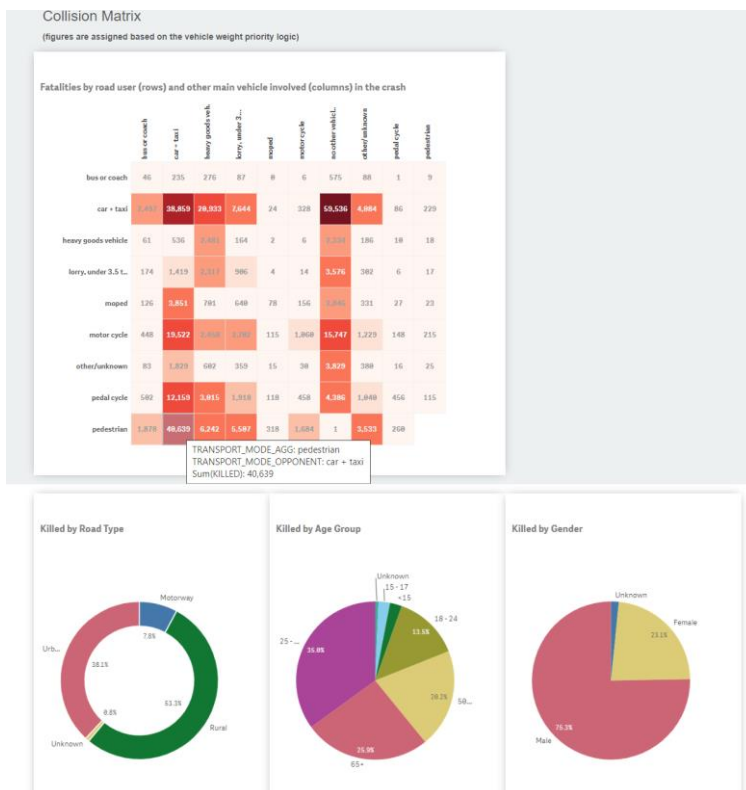
From a functional point of view, the CARE dashboard is a webpage where three modules available on the upper part (see Annex 1) allow the user to filter values of some key variables such as Country Code(s), Year(s) of the crash and Transport Mode(s).

If no values are selected within these modules, all values are by default considered and therefore displayed on charts unless values are selected in charts later on.

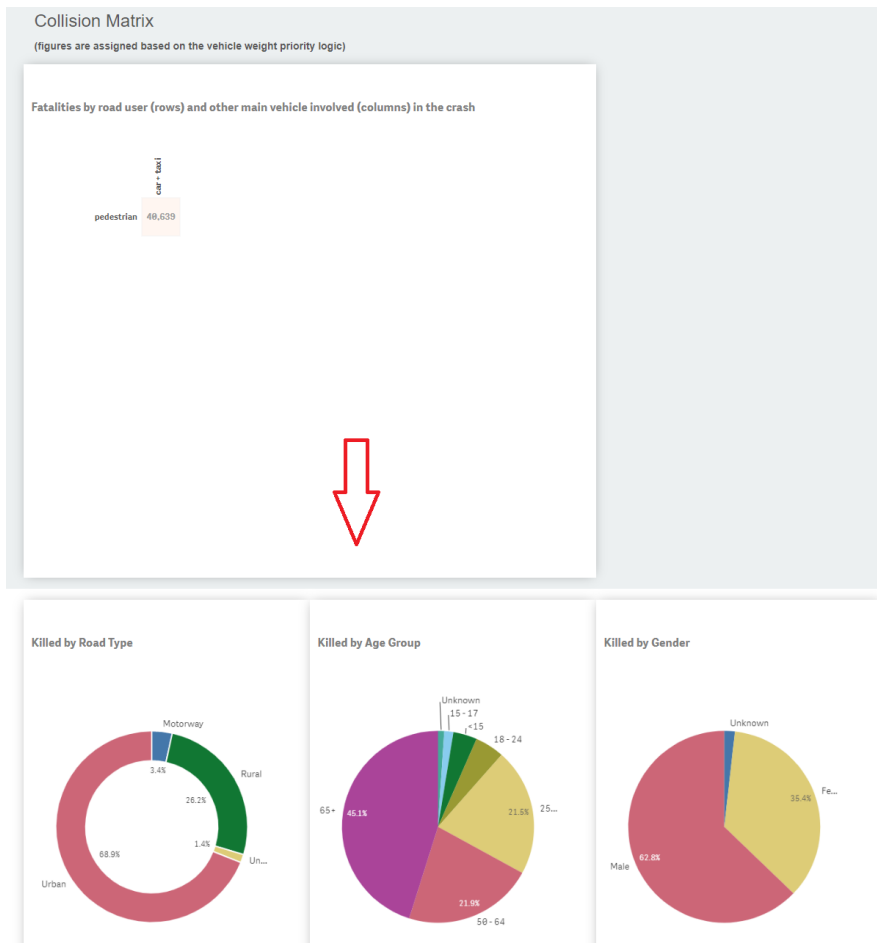
In addition to using modules available in the upper part, values can, therefore, be selected also by clicking them on charts.

Values selected in modules or charts will change the view of all charts available in the webpage (i.e. if one chooses year of crash = 2021 in the relevant module or in the chart “Trend over years”, all indicators displayed will be filtered through that value. Eventually the selection can be combined with other values, for example with Transport Modes = “car + taxi” or others).

For instance when filtering within the Collision Matrix (showing Road user fatalities in collision with main Transport Modes involved) a value – in the images Pedestrians with car + taxi – Pie charts that are part of the webpage change from the following view:



To:



where pie charts show figures of the specific transport mode only chosen in the Collision Matrix. For the matrix, the data cover fatalities in single-vehicle crashes and crashes involving one or more traffic units. For the majority of fatal crashes, only one other vehicle is involved in the crash. For multi-vehicle crashes, the 'main vehicle' is the heaviest of the vehicles involved as this tends to be responsible for the most serious consequences. As a result, the figures in each column likely underestimate the number of cases a particular vehicle was involved in a crash.

Two charts, "Killed per million inhabitants" (see Annex 2) and "Crashes by severity" (see Annex 3), are pre-filtered based on the last year available. While the first one allows to filter countries, the second one, displaying the number of crashes, cannot be filtered.

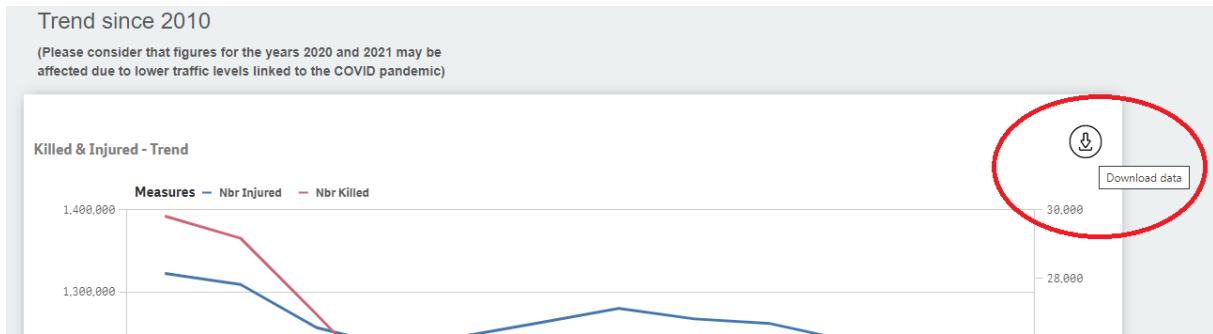
If one wants to clear filters/selections, two functions are available in the page headers:





Raw data used by charts can be downloaded locally as Excel files by using the relevant function available when overlapping the mouse on the right top corner of each chart (excepting for the map).

If charts displayed are filtered, downloaded data will be filtered as well.





Share % of crashes by Accident Severity / Country of Year 2021

