

1. Indicator name

Crude death rate from traffic accidents

Update date:

30/01/2023

Version:

1.1

2. Scope

Main Area

Environment and surroundings

Sub - Scope

Transport and mobility

3. Definition

Number of deaths due to traffic accidents per 100.000 inhabitants. The indicator measures the number of fatalities caused by traffic accidents, including drivers and passengers of motor vehicles and cyclists, as well as pedestrians. The population that dies from traffic accidents up to 30 days after the accident occurs is counted as traffic accident fatalities.

4. Calculation formula

$$\text{Crude death rate from traffic accidents} = \left(\frac{\sum M_x}{\frac{P_x + P_{(x+1)}}{2}} \right) * 100.000$$

Where:

- M_x is the number of fatalities due to an accident occurring during the reference year.
- P_x corresponds to the population on January 1 of the reference year.
- $P_{(x+1)}$ corresponds to the population on January 1 of the following year with respect to the reference year.

5. Reading

This indicator makes it possible to know the number of deaths due to traffic accidents in a specific population for every hundred thousand inhabitants, during a specific period of time, usually a year.

The average population of the reference year is calculated as the arithmetic mean of the population on January 1 of two consecutive years.

6. Periodicity

Annual

7. source

Department of the Interior of the Generalitat of Catalonia

8. limitations

Geographical

temporary

Statistical secrecy

Description of limitations

Currently the Data Source from which the indicator is constructed does not identify the population that dies from traffic accidents until 30 days after the accident occurs.



| 9. ODS | | | | | | | | | | | | | | | | |
|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <i>Indicator the SUB-SDGs that this indicator can relate to.</i> | | | | | | | | | | | | | | | | |
| 11.2 | | | | | | | | | | | | | | | | |

| 10. Comments and observations |
|-------------------------------|
| |