

Road safety data analysis

LA SÉCURITÉ ROUTIÈRE

en France

Bilan de l'accidentalité de l'année 2021



La sécurité routière

27th Sept 2022 Road safety data analysis in France

in France

Manuelle SALATHE

Head of the French Road Safety Observatory







- I. 70 years of Road Safety data analysis
- **II.** The French Road Safety Observatory
- **III. Road safety data analysis**
- **IV.** Case study : lowering the speed limit to 80 km/h























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MINISTÈRE DE L'INTÉRIEUR

1972 : Creation of the Interministerial Road Safety Committee (CISR) and the Interministerial Road Safety Directorate (DSR) 1993 : The French Road Safety Observatory is interministerial (ONISR)

2001 : The Road Safety National Council (CNSR)

Road traffic fatalities trend along some road safety measures in France

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MINISTÈRE

ONISR, which reports to the Interministerial Road Safety Director, is responsible for collecting, formatting, interpreting and disseminating French statistical data relating to road safety.

ONISR centralises the **accident** information recorded by the **police forces** in a **national database**. Assisted by the **network of departmental/regional observatories** and Cerema, it checks and validates the database.

The main crash indicators have been certified by the French Authority for Public Statistics

ONISR directs the **study and research programme** financed by the Road Safety Directorate, thus guiding research, monitoring road accidentology studies and directing the evaluation of road safety measures taken or envisaged.

Work to be made public to justify road safety measures

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 Certification by the French Authority for Public Statistics (in 2013 and 2019)

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- European code of best practice
- Decree of CISR organisation

22 juin 2022 accidentalité – Dir Cab

The French Road Traffic Accident database : since 1952

Caractéristics

- Date
- Time
- Postcode
- Crossing
- Weather
- Collision type
- GPS coordinates
- Adress

Road

- Туре
- Number
- Marker Post
- Pavement surface
- Layout
- Factors
- Crash localisation

Vehicles

- Category
- Country
- Factors
- Point of impact
- Main manœuvre before crash

Usagers

- Driver/passenger pedestrian
- Injury severity
- Age
- Gender
- Safety
- equipments
- Driving license
- Factors
- Alcohol/Drugs

The French Road Traffic Accident database Information System

From UN road safety pillars to data sources

Fatalities vs seriously injured (M.AIS3+ estimate) :

2 944 fatalities, 240 000 injured people (incl 16 000 seriously injured) – France 2021

Risks according to age and mobility solution

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Targetting presumed responsible profiles :

among the 2 944 people who died in 2021,

- 1 807 were responsible for their crash
- 1 137 people (39%) died because of somebody else

People responsible for fatal accidents according to their mobility mode in 2021

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Combination of human factors according to the age of presumed responsible persons

Case study : lowering the speed limit to 80 km/h

Before studies

Cerema 2015-2017 study :

Traffic and accident shares of the main county roads

When the main network represents :

-10% of RN+RD network length, it registers 38% of the fatalities

-20% of RN+RD network length, it registers 55% of the fatalities

-30% of RN+RD network length, it registers 64% of the fatalities

The most serious accidents occur first on the primary network,

as this is where most of the traffic is

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More information on our website

https://www.onisr.securite-routiere.gouv.fr/en

