

# - Registre des Victimes Corporelles d'Accidents de la Circulation Routière dans le département du Rhône (registre qualifié)

Head :LAUMON Bernard, Unité Mixte de Recherche Épidémiologique et de Surveillance Transport Travail Environnement (UMRESTTE)

Last update : 08/28/2012 | Version : 1 | ID : 240

## General

### Identification

Detailed name Registre des Victimes Corporelles d'Accidents de la Circulation Routière dans le département du Rhône (registre qualifié)

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation

999211

### General Aspects

Medical area Physical medicine and rehabilitation  
Traumatology

Pathology (details) Injury type and severity

Keywords Road traffic accidents, injuries, lesion, seriously injured, multiple injuries, severity

### Scientific investigator(s) (Contact)

Name of the director LAUMON

Surname Bernard

Address 25 avenue François Mitterrand - Case n° 24 - 69675 Bron Cedex

Phone 04 72 14 25 10

Email bernard.laumon@ifsttar.fr

Unit Unité Mixte de Recherche Épidémiologique et de Surveillance  
Transport Travail Environnement (UMRESTTE)

Organization IFSTTAR

## Collaborations

## Funding

Funding status Public

Details Institut de veille sanitaire - InVS Institut national de la santé et de la recherche médicale - Inserm Institut français des sciences et technologies des transports, de l'aménagement et des réseaux - IFSTTAR Direction de la sécurité et de la circulation routière - DSCR

## Governance of the database

Sponsor(s) or organisation(s) responsible IFSTTAR (Institut français des sciences et technologies, des transports, de l'aménagement et des réseaux)

Organisation status Public

## Additional contact

## Main features

## Type of database

Type of database Morbidity registers

Database recruitment is carried out by an intermediary An administrative base or a register

Database recruitment is carried out as part of an interventional study No

Additional information regarding sample selection. Selection of subjects having the required inclusion criteria. Several sources are used: Public hospital departments Private hospitals or clinics Other sources: Medical information departments, Local IT departments, Département-level fire and rescue departments, Funeral homes, Admissions departments, Letter to victims and families, Police and Gendarmerie report, Regional newspapers.

## Database objective

Main objective Public health objectives  
- Provide a tool for monitoring road morbidity in France and its progression according to the major components of this morbidity (categories of

users, age, gender, etc.)

- Provide a tool for evaluating prevention measures by finding out what their impact is on the distribution of lesion presentations - particularly of the most serious injuries (whether this concern how life-threatening they are or the sequelae prognosis),

- Provide a tool for evaluating treatments of victims of

road traffic accidents (network, care stream and follow-up organization),

- Help to evaluate the "epidemiological" quality (exhaustiveness and representativeness) of other reference information systems - particularly in terms of mortality (ONISR, Inserm-CépiDc),

- Raise awareness of the road traffic accidents as a public health stake (especially in terms of disability).

Research objectives

- Improve the definition and knowledge of the most at-risk groups, both in terms of

categories of users (pedestrians, cyclists, motorbike and moped users) and age (children, the elderly) and gender (men),

- Improve the definition and knowledge of seriously injured victims, above all in terms of the sequelae prognosis and fate,

- Improve knowledge of the causes (lesional) of morbidity and road mortality, and the associated lesional mechanisms,

- Obtain a reference population for coordinating a series of additional research projects, as well as meeting an institutional, economic (road builders, insurance) or social (prevention associations) demand,

- Put together a French reference (both in terms of data and methodological approaches)

for the purpose of European and/or international partnerships in research on road traffic accidents.

## Inclusion criteria

The cases recorded are victims of road traffic accidents resulting in death or injury happening in the Rhône département. The definition of an accident resulting in death or injury is given by the French National Interministerial Observatory for Road Safety (ONISR). It has at least one victim, occurs on a public road and involves at least one vehicle (which may or may not be a motor vehicle). By victim, the ONISR means anyone involved who is injured, i.e. their condition requires at least one type of medical treatment (or at the very least a medical appointment).

## Population type

Age

- Newborns (birth to 28 days)
- Infant (28 days to 2 years)
- Early childhood (2 to 5 years)
- Childhood (6 to 13 years)
- Adolescence (13 to 18 years)
- Adulthood (19 to 24 years)
- Adulthood (25 to 44 years)
- Adulthood (45 to 64 years)
- Elderly (65 to 79 years)
- Great age (80 years and more)

Population covered Sick population

Gender

- Male
- Woman

Geography area Departmental

French regions covered by the database Auvergne Rhône-Alpes

Detail of the geography area Rhône

## Data collection

### Dates

Date of first collection (YYYY or MM/YYYY) 1995

### Size of the database

Size of the database (number of individuals) Greater than 20 000 individuals

Details of the number of individuals 1995-2006 : 116945 cas 2007 : 8434 cas 2008 : 7730 2009 : 8342

### Data

Database activity Current data collection

Type of data collected

- Clinical data
- Declarative data
- Administrative data

Clinical data (detail)

- Direct physical measures
- Medical registration

Declarative data (detail) Face to face interview

Administrative data (detail)	Personal data pertaining to the victim
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health event/mortality

## Procedures

Data collection method	active or passive
Classifications used	AIS (Abbreviated Injury Scale) et IIS (Injury Impairment Score)
Participant monitoring	Yes
Details on monitoring of participants	The injured parties are followed up systematically in the different health institutions, from the initial care administered to the time they return home (or die). This follow-up calls on healthcare departments that do not involve traumatology directly so as to fine-tune the victim's medical examination. A cohort (Esparr) has been put together to monitor a representative sample of injured victims over the longer term (five years at present).
Links to administrative sources	No

## Promotion and access

### Promotion

Link to the document	<a href="http://www.balises-rhone-alpes.org/">http://www.balises-rhone-alpes.org/</a>
Link to the document	<a href="http://esparr.inrets.fr/">http://esparr.inrets.fr/</a>
Link to the document	<a href="http://epidemiologie-france.fr/catalog/sheet/detail.jsp?id">http://epidemiologie-france.fr/catalog/sheet/detail.jsp?id</a>
Link to the document	<a href="http://www2.securiteroutiere.gouv.fr/ressources/bilan/2009/sources/index.htm">http://www2.securiteroutiere.gouv.fr/ressources/bilan/2009/sources/index.htm</a>

### Access

Terms of data access (charter for data provision, format of data, availability delay)	Numerous forms of cooperation. Simplified inquiry IT program currently being developed. Aggregate data available on the Balises website of the Rhône-Alpes regional health observatory (ORS). Annual findings published in the annual report of the ONISR (Road safety in France. Report for the year xxxx).
---	---

Access to aggregated data

Free access

Access to individual data

Access on specific project only