

# EPICEA: Prevention studies through computerisation of investigative reports on work-related accidents (Etudes de prévention par l'informatisation des comptes rendus d'enquêtes d'accidents du travail ) - French Individual Database on Work Accidents

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Last update : 06/20/2019 | Version : 1 | ID : 73241

## General

### Identification

|                 |                                                                                                                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Detailed name   | French Individual Database on Work Accidents                                                                                                                                                             |
| Sign or acronym | EPICEA: Prevention studies through computerisation of investigative reports on work-related accidents (Etudes de prévention par l'informatisation des comptes rendus d'enquêtes d'accidents du travail ) |

### General Aspects

|                     |                                                             |
|---------------------|-------------------------------------------------------------|
| Medical area        | Occupational Medicine                                       |
| Pathology (details) | Work accidents                                              |
| Health determinants | Addictions<br>Occupation<br>Social and psychosocial factors |
| Keywords            | work accidents, EPICEA                                      |

### Scientific investigator(s) (Contact)

|                      |                       |
|----------------------|-----------------------|
| Name of the director | Tissot                |
| Surname              | Claire                |
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| Organization         | INRS                  |

### Collaborations

### Funding

|                |                                                |
|----------------|------------------------------------------------|
| Funding status | Private                                        |
| Details        | National Health Insurance Health Fund (CNAMTS) |

## Governance of the database

|                                               |                                                                                                                                                                                                         |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sponsor(s) or organisation(s) responsible     | National Health Insurance Fund (CNAMTS), Occupational Health and Pension Insurance Fund (CARSAT), French Research and Safety Institute for the Prevention of Occupational Accidents and Diseases (INRS) |
| Organisation status                           | Private                                                                                                                                                                                                 |
| Presence of scientific or steering committees | Yes                                                                                                                                                                                                     |

## Additional contact

### Main features

#### Type of database

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of database                                   | Health relevant administrative databases                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Additional information regarding sample selection. | The records analysed correspond to fatal, serious or significant work-related accidents that were prevented or occurred, which involved employees in the general social security system.<br>This does not include:<br>commuting accidents;<br>occupational diseases (MSDs, carpal tunnel syndrome, occupational cancer, etc.);<br>accident or occupational disease statistics;<br>data on occupational accident or disease costs;<br>company names, equipment brands, names of places or individuals. |

#### Database objective

|                |                                                                                                                                                                                                                                                                                                                                             |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main objective | EPICEA is an experience feedback database. The aim is to share knowledge obtained from analysing work-related accidents. The accounts provided describe the causes and course of a specific type of accident without seeking to establish liability.<br>The EPICEA database available online is an extract of the full, non-public version. |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                    |                                           |
|--------------------|-------------------------------------------|
| Inclusion criteria | General social security system employees. |
|--------------------|-------------------------------------------|

#### Population type

|     |                                                                                          |
|-----|------------------------------------------------------------------------------------------|
| Age | Adolescence (13 to 18 years)<br>Adulthood (19 to 24 years)<br>Adulthood (25 to 44 years) |
|-----|------------------------------------------------------------------------------------------|

Adulthood (45 to 64 years)  
Elderly (65 to 79 years)  
Great age (80 years and more)

Population covered                      General population

Gender                                      Male  
                                                    Woman

Geography area                          National

Detail of the geography area            France, including overseas departments

## Data collection

### Dates

Date of first collection (YYYY or  
MM/YYYY)                                  1990

### Size of the database

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

Details of the number of  
individuals                                    20,016 (June 2019)

### Data

Database activity                          Current data collection

Type of data collected                    Administrative data

Administrative data (detail)              Activity sector; closest injury-related physical factor: object, material, item, facility, etc. involved in the accident; detailed account of the accident; possibly supplemented with attached documents (photos, cause tree analyses, diagrams, etc.)

Presence of a biobank                      No

Health parameters studied                Health event/morbidity  
                                                    Health event/mortality

### Procedures

Data collection method                    Investigative report then saved to network by CARSAT [Caisses d'assurance retraite et de la santé au travail (Occupational Health and Pension Insurance Fund)]

|                      |                                                                                                                                                                                 |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classifications used | National technical committees (CNAMTS nomenclature); hazard codes (CNAMTS nomenclature); APE (principal activity) code (INSEE nomenclature); equipment list (INRS nomenclature) |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                        |    |
|------------------------|----|
| Participant monitoring | No |
|------------------------|----|

|                                 |    |
|---------------------------------|----|
| Links to administrative sources | No |
|---------------------------------|----|

## Promotion and access

### Promotion

|                      |                                                                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Link to the document | <a href="http://www.inrs.fr/publications/bdd/epicea/bibliographie.html">http://www.inrs.fr/publications/bdd/epicea/bibliographie.html</a> |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|

### Access

|                                                                                       |                                                                                                                                                                            |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Terms of data access (charter for data provision, format of data, availability delay) | Access to public database containing the analyses of accidents occurring since 1990 and outlined by a five-class variable containing eighty-one originals. Anonymous data. |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                           |             |
|---------------------------|-------------|
| Access to aggregated data | Free access |
|---------------------------|-------------|

|                           |             |
|---------------------------|-------------|
| Access to individual data | Free access |
|---------------------------|-------------|