

COSET-RSI - Work-Related Epidemiological Surveillance Cohort - Independent Occupations

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General

Identification

Detailed name Work-Related Epidemiological Surveillance Cohort - Independent Occupations

Sign or acronym COSET-RSI

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL authorisation: 11/04/2012, no. 911471

General Aspects

Medical area Occupational Medicine

Pathology (details) Work and health.

Health determinants Occupation

Keywords work environment, musculoskeletal disorders, ischaemic heart disease, depression, health, asthma

Scientific investigator(s) (Contact)

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Unit	DIRECTION SANTÉ TRAVAIL (DST)
Organization	Santé publique France
Collaborations	
Funding	
Funding status	Public
Details	Santé publique France including human resources + support Régime social des indépendants
Governance of the database	
Sponsor(s) or organisation(s) responsible	Santé publique France
Organisation status	Public
Additional contact	
Main features	
Type of database	
Type of database	Study databases
Study databases (details)	Cohort study
Database recruitment is carried out by an intermediary	A population file
Database recruitment is carried out as part of an interventional study	No
Additional information regarding sample selection.	Prospective Other bodies active in creating this cohort: occupational Independent Workers' Health Insurance Scheme (RSU) Inclusion cut-off (pilot): 2012. National study : 2017 (in progress)

Database objective

Main objective

The COSET programme's general objective (Work-Related Epidemiological Surveillance Cohort) is to provide information on the health of the economically active population in connection with occupational factors. The programme shall help identify occupations and working conditions that pose a health risk, and provide prevention recommendations. The programme relies on data from multiple representative cohorts of economically active individuals from three principal social welfare schemes. The DTS formed cohorts of workers affiliated with the the RSI (Social Security Scheme for Independent Workers) (see COSET-RSI sheet) and the MSA (Social Security Scheme for Agricultural Workers).

The objectives of the COSET-RSI cohort are similar to the COSET programme that applies to workers registered with the Social Security Scheme for Independent Workers.

Specific objectives:

- To describe and monitor the links between morbidity/mortality between workers and occupational exposure, whether it is physical, chemical, psychosocial or organisational;
- To describe and monitor the links between morbidity/mortality between workers and occupational exposure, whether it is physical, chemical, psychosocial or organisational;
- To calculate morbidity/mortality fractions from occupational exposure factors;
- To promote the establishment of ad hoc studies to identify issues that are emerging or poorly documented in the scientific plan;
- To identify and monitor sub-populations affected by specific risks on a large scale;
- To compare workers affiliated with different social security schemes and monitored as part of the COSET programme.

Inclusion criteria

Men and women between 18 and 65 years old and affiliated with the RSI at the time of random selection.

Population type

Age

Adulthood (19 to 24 years)
Adulthood (25 to 44 years)
Adulthood (45 to 64 years)

Population covered

General population

Pathology

Gender	Male Woman
Geography area	National
Detail of the geography area	3 pilot départements in 2012: Ile de France, Brittany and Aquitaine ; France + oversea territories in 2017 (national study)
Data collection	
Dates	
Date of first collection (YYYY or MM/YYYY)	2012
Size of the database	
Size of the database (number of individuals)	[1000-10 000[individuals
Details of the number of individuals	Pilot study: 20,000 workers randomly selected from the RSI, 2,650 respondents and 20,000 individuals passively monitored by medical-administrative databases. National study: 300.000 workers randomly selected, in progress.
Data	
Database activity	Current data collection
Type of data collected	Declarative data Administrative data
Declarative data (detail)	Paper self-questionnaire Internet self-questionnaire
Details of collected declarative data	Self-administered questionnaire at baseline and during follow-up every 2 years: - Sociodemographic data; - tobacco and alcohol consumption; - health and health events; - occupational history; - occupational exposure history; - professional situation and current work conditions.
Administrative data (detail)	Medical-administrative databases: SNIIRAM, CNAV and RSI data (health, sociodemographic and professional).
Presence of a biobank	No

Health parameters studied	Health event/morbidity Health event/mortality Health care consumption and services
Care consumption (detail)	Hospitalization Medical/paramedical consultation Medicines consumption
Procedures	
Data collection method	Self-administered paper questionnaire in pilot ; internet questionnaire in national study.
Quality procedure(s) used	Management of partial or wave non-response by imputation and correction of complete non-response through re-weighting using leveraged external data (health insurance and pension databases) collected for respondents and non-respondent sample. Individuals are informed about the use of their data in writing at baseline. Individuals can refuse the passive follow-up of their data (medical-administrative).
Participant monitoring	Yes
Monitoring procedures	Monitoring by contact with the participant (mail, e-mail, telephone etc.)
Links to administrative sources	Yes
Linked administrative sources (detail)	PMSI, SNIIRAM, CNAV, CépiDC and RSI databases.
Promotion and access	
Promotion	
Link to the document	publis 2013 cosetrsi.docx
Access	
Terms of data access (charter for data provision, format of data, availability delay)	Data may be used by academic teams subject to a written request with CNIL protocol and approval. Process not elaborated at the moment (national study data collection still in progress)
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only