"AZF" Santé Cohort - Cohort of Toulouse Conurbation Workers

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General

Identification

Detailed name	Cohort of Toulouse Conurbation Workers
Sign or acronym	"AZF" Santé Cohort
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CCTIRS (number 03.143), CNIL (number 904129).

General Aspects

Medical area	Otolaryngology or ENT Psychology and psychiatry
Study in connection with Covid-19	No
Health determinants	Medicine Occupation Social and psychosocial factors
Keywords	Major health events observed: symptoms of post-traumatic stress, depressive symptoms, hearing disorders. Main cohort topics: mental health, auditory health, working life.

Scientific investigator(s) (Contact)

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Organization	InVS

Collaborations

Others	Other related cohorts: COSET: the AZF cohort is a procedure test for COSET and CONSTANCES cohorts.

Funding

Funding status	Public
Details	Partnership agreement between InVS, CPAM Toulouse (CES) and INSERM.

Governance of the database

Sponsor(s) or organisation(s) responsible	Institut de veille sanitaire
Organisation status	Public

Additional contact

Main features

Type of database

Type of database	Study databases
Additional information regarding sample selection.	Inclusion method: Prospective. Other bodies active in creating this cohort: - CPAM-TOULOUSE health examination clinics - INSERM U1018 CESP. Closing date for inclusion: 12/2009. All volunteers from the first cross-sectional study were included in the cohort.

Database objective

Main objective	General objectives: - To investigate the medium-term health effects from the explosion at the AZF plant that occurred in September 2001 in the population of workers; - To test access procedures for medical-administrative data (ERASMUS) for monitoring large prospective cohorts.
Inclusion criteria	Working within the Toulouse conurbation and agreeing to participate in the cohort during the cross-sectional study, carried out between September 2002 and April 2003.

Population type

Age	Adulthood (19 to 24 years) Adulthood (25 to 44 years) Adulthood (45 to 64 years) Elderly (65 to 79 years)
Population covered	General population
Gender	Male Woman
Geography area	Local
Detail of the geography area	French study. Geographical area covered: workers in the Toulouse conurbation.

Data collection

Dates

Date of first collection (YYYY or MM/YYYY)	05/2003
Date of last collection (YYYY or MM/YYYY)	12/2009

Size of the database

Size of the database (number of individuals)	[1000-10 000[individuals
Details of the number of individuals	3,000 participants.

Data

Database activity	Data collection completed
Type of data collected	Clinical data Declarative data Paraclinical data Biological data Administrative data
Clinical data (detail)	Direct physical measures Medical registration
Details of collected clinical data	Clinical and paraclinical examination: at baseline and final cohort assessment. Information collected is that generated during periodic examinations conducted in the primary Health Insurance Fund examination clinics. Psychiatric diagnosis by MINI.
Declarative data (detail)	Paper self-questionnaire Face to face interview
Details of collected declarative data	Self-administered questionnaire on occupation and health: at baseline and during annual follow-up. Self-administered questionnaire time span: 1 (year). Information collected by self-administered questionnaire: *health events and occupational events *mental health scales - psychological unease (GHQ) - depressive symptoms (CES-D) - symptoms of post-traumatic stress (IES-R). Psychiatric diagnosis by MINI - questionnaire is conducted face-to-face in a cohort sub-sample.
Paraclinical data (detail)	Radiology, pulmonary function tests, audiograms.
Biological data (detail)	Biology, biochemistry.
Administrative data (detail)	ERASMUS database.
Presence of a biobank	No
Health parameters studied	Health event/morbidity Health care consumption and services Quality of life/health perception
Care consumption (detail)	Medical/paramedical consultation Medicines consumption

Procedures	
Data collection method	Annual collection.
Quality procedure(s) used	Self-administered questionnaire: optical input from a paper questionnaire (automated data reading) from second year of follow-up. Missing data

	management: systematic search of individuals' addresses where post was returned undelivered. Subject reminder for follow-up visits? Yes. Patients are informed about the use of their data.
Participant monitoring	Yes
Details on monitoring of participants	Follow-up duration: 5 years.
Links to administrative sources	Yes
Linked administrative sources (detail)	Database(s) used: ERASMUS.

Promotion and access

Promotion

Link to the document	http://www.ncbi.nlm.nih.gov/pubmed/19252759
Link to the document	http://www.ncbi.nlm.nih.gov/pubmed/22020864
Link to the document	http://opac.invs.sante.fr/index.php?lvl

Access

Terms of data access (charter for data provision, format of data, availability delay)	- Can data be used by academic teams? Yes: access subject to written request according to InVS data access procedure.