

- Residential environment and coronary heart disease

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General

Identification

Detailed name	Residential environment and coronary heart disease
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL : 16/03/2007

General Aspects

Medical area	Cardiology
Health determinants	Geography
Keywords	Health care use, dental health, spirometry, urban environment, healthcare system, SNIIRAM, morbidity, PMSI, mortality, RNIPP, CEPIDC, mental health, health

Scientific investigator(s) (Contact)

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Organization	INSERM

Collaborations

Funding

Funding status	Public
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Details	- L'Agence Nationale de la Recherche (ANR) (programme Santé - Environnement 2005) ; - L'institut de recherche en santé publique (IReSP) et l'institut national de prévention et d'éducation à la santé (INPES) (appel à projets "prévention") ; - La direction régionale de la jeunesse et des sports d'Île-de-France ; - L'institut de recherche en santé publique (IReSP) et les ministères de la santé et de la recherche (programme TGIR) - L'institut de recherche en santé publique (IReSP) et l'institut de veille sanitaire (InVS) (appel à projets territoires)
Governance of the database	
Sponsor(s) or organisation(s) responsible	INSERM
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 selection of health institutions and services
Database recruitment is carried out as part of an interventional study	No
Additional information regarding sample selection.	Prospective. Other organizations actives in the constitution of the cohort : Paris preventive and clinical investigation centers. End of inclusions : 01/02/2008
Database objective	
Main objective	The main objective of the project is to describe geographical disparities of the coronary risk, to examine if environment characteristics (socio-demographic factors, physical environment, equipment, services and social interaction environment) are associated to the coronary disease and its risk factors, and to identify the mechanism at work taking into account experiences in the neighbourhood, knowledge/beliefs and people's health behaviours.

Secondary objective : generally , Record cohort will allow to study in a comprehensive manner the existing relations between geographic life environment and several health variables (mental health, dental health, health care use).

Inclusion criteria

Coming for an health examination in one of the 4 sites of the preventive and clinical investigation center ; being between 30 and 79 years old ; residing in one of the 123 selected Île-de-France towns.

Population type

Age
Adulthood (25 to 44 years)
Adulthood (45 to 64 years)
Elderly (65 to 79 years)

Population covered
General population

Gender
Male
Woman

Geography area
Regional

French regions covered by the database
Île-de-France

Detail of the geography area
123 Île-de-France towns via 4 centers

Data collection

Dates

Date of first collection (YYYY or MM/YYYY)
03/2007

Date of last collection (YYYY or MM/YYYY)
2013

Size of the database

Size of the database (number of individuals)
[1000-10 000[individuals

Details of the number of individuals
7293

Data

Database activity
Data collection completed

Type of data collected	Clinical data Declarative data
Clinical data (detail)	Direct physical measures Medical registration
Details of collected clinical data	Clinical examination at inclusion and during the follow-up. Information collected during the clinical examination : haemathological evaluation, urine tests, electrocardiogram, blood pressure, anthropometric measures, spirometry, dental exam, visiotest
Declarative data (detail)	Paper self-questionnaire
Details of collected declarative data	Clinical examination at inclusion and during the follow-up. Information collected during the clinical examination : haemathological evaluation, urine tests, electrocardiogram, blood pressure, anthropometric measures, spirometry, dental exam, visiotest
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-questionnaire : manually entered paper questionnaire with double data entry. Clinical examinations : direct entry. Biological examinations direct entry
Quality procedure(s) used	Coherence request during and after computer data entry. Missing data asked back to the patient. Subjects reminders for follow-up visits. Written patients information concerning the use of their data.
Participant monitoring	Yes
Details on monitoring of participants	(undefinite period)
Links to administrative sources	Yes
Linked administrative sources	PMSI, SNIIRAM, CépiDIC

(detail)

Promotion and access

Promotion

Link to the document <http://www.hal.inserm.fr/RECORD>

Description List of publications in HAL

Link to the document [http://www.ncbi.nlm.nih.gov/pubmed/?term=record+AND+CHAIX+B\[Author\]+NOT+swedish+NOT+sweden+NOT+21251337\[uid\]](http://www.ncbi.nlm.nih.gov/pubmed/?term=record+AND+CHAIX+B[Author]+NOT+swedish+NOT+sweden+NOT+21251337[uid])

Description List of publications in Pubmed

Access

Terms of data access (charter for data provision, format of data, availability delay) Data utilization by academic teams are currently being defined. Data utilization not allowed for industry sectors.

Access to aggregated data Access on specific project only

Access to individual data Access on specific project only