3LABOS - To Improve Infectious Disease Surveillance in France by Automated Biological Data Extraction from 3 Laboratories

Head :Dubois Daniel

Last update : 05/13/2015 | Version : 1 | ID : 8403

General

Identification

Detailed name	To Improve Infectious Disease Surveillance in France by Automated Biological Data Extraction from 3 Laboratories
Sign or acronym	3LABOS
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	1415428 v0

General Aspects

Medical area	Biology Infectious diseases
Keywords	infectious diseases, laboratory test data, automated extraction, surveillance

Scientific investigator(s) (Contact)

Name of the director	Dubois
Surname	Daniel
Address	12 Rue du Val d'Osne, 94415 Saint-Maurice
Email	DMI@invs.sante.fr
Organization	Institut de veille

Collaborations

Funding

Funding status	Public
Details	French Institute for Public Health Surveillance (InVS)

Governance of the database

Sponsor(s) or organisation(s) responsible	InVS
Organisation status	Public

Additional contact

Main features

Type of database

Type of database	Study databases
Study databases (details)	Longitudinal study (except cohorts)
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.	Patients fulfilling the exclusion criteria.

Database objective

Main objective	Surveillance of infectious diseases through regular automated transfer of biological results from specialist biology laboratories to InVS. To improve the surveillance of certain infectious diseases already monitored by another system: o To supplement surveillance data from other sources and to estimate completeness (particularly MDO). ? To implement a sustainable monitoring system for unmonitored diseases as well as: o Monitoring spatial and temporal trends of targeted pathogens; o Providing individual data; o Contributing to epidemic investigations; o Identifying active movement areas.
Inclusion criteria	Individuals who have had biological samples taken for the following diseases: measles, chikungunya, dengue fever, tuberculosis, syphilis, Q fever, tick-borne encephalitis, leptospirosis, Lyme disease, psittacosis, toxoplasmosis. (CNIL file in progress for: hepatitis E, hepatitis A, rubella, lead poisoning,

gonorrhoea and chlamydia).

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	General population
Gender	Male Woman
Geography area	National
Detail of the geography area	France

Data collection

Dates

Date of first collection (YYYY or MM/YYYY)	2012

Size of the database

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

Data

Database activity	Current data collection
Type of data collected	Biological data Administrative data
Biological data (detail)	Lab name, disease, laboratory test results: serology tests, CRP, etc. according to disease.
Administrative data (detail)	Patient data: anonymity code, date of birth, sex, post code, sample identifier. Laboratory: company name, address, post code, municipality, phone. Prescriber: surname, first name, address, post

	code, municipality, phone.
Presence of a biobank	No
Health parameters studied	Health care consumption and services Others
Care consumption (detail)	Medical/paramedical consultation
Other (detail)	Biological test results.

Procedures

Data collection method	Automated data extraction from 3 laboratories to InVS. Receipt of files per laboratory and disease at determined intervals (daily or monthly).
Quality procedure(s) used	Consistency controls during data transmission, statistical programmes.
Participant monitoring	Yes
Details on monitoring of participants	Improved surveillance and investigations may be implemented for positive cases in relation to regional InVS units (CIREs), according to the monitored disease.
Links to administrative sources	Yes
Linked administrative sources (detail)	The individual anonymity code from the 3Labos database is the same code used for obligatory notification.

Promotion and access

Promotion

Access

Terms of data access (charter for data provision, format of data, availability delay)	Contact the scientist in charge/Send data request form to InVS.