

Epifane - French Study on Infant Food and Nutritional status During The First Year of Life

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Last update : 05/12/2015 | Version : 2 | ID : 7768

General

Identification

Detailed name French Study on Infant Food and Nutritional status During The First Year of Life

Sign or acronym Epifane

CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation CNIL no. DR-2011-432 (27/10/2011).

General Aspects

Medical area Endocrinology and metabolism
Gynecology/ obstetrics
Pediatrics

Health determinants Lifestyle and behavior
Nutrition
Social and psychosocial factors

Keywords maternal breastfeeding, baby formula, infants, food, nutrition, growth, social health inequalities, introduction of complementary food

Scientific investigator(s) (Contact)

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Unit Equipe de surveillance et d'épidémiologie nutritionnelle (ESEN)

Organization Santé publique France

Collaborations

Participation in projects, networks and consortia Yes

Details - Paris 14 University - IReSP Group on "Mother/Child Epidemiological Studies" - collaboration with ELFE team to adopt common definitions and procedures for treating data on infant feeding.

Funding

Funding status Public

Details InVS

Governance of the database

Sponsor(s) or organisation(s) responsible Sante publique France, ex 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 An administrative base or a register

Database recruitment is carried out as part of an interventional study No

Additional information regarding sample selection. Two-stage sampling plan: stratified random selection of maternity wards, followed by selection of infants. Random sampling of maternity wards in proportion to the number of births recorded in the 2009 Annual Statistical Survey of Healthcare Institutions (SAE). Maternity wards that carried out less than 365 births were excluded. Stratification by institution status (private/public), authorisation type (level I, II or III) and region (5 regional clusters). Mothers of newborns that met inclusion criteria were extensively enrolled from each maternity

hospital on a fixed period between mid-January and beginning of April 2012. The enrolment period is continued until 25 mothers are enrolled.

Database objective

Main objective

To describe feeding during the first year of life, based on a national sample of infants born in France, by particularly estimating: (i) Maternal breastfeeding frequency, duration and exclusivity (ii) type, duration and amount of formula used (iii) introduction of complementary food (when new foods are introduced, type and amount).

Inclusion criteria

Newborn inclusion criteria: born in one of the selected maternity wards, at 33 weeks gestation or more, mother is of legal age, residing in an ordinary household in metropolitan France; spoken, reading and written French, or can receive help completing questionnaires; not transferred to another hospital department following the birth and no serious antenatal pathology, requiring surgery, specific treatment or transfer. This included any condition that did not allow enteral feeding for a period that was more than three weeks and any condition where neonatal hospitalisation would be required for a period of more than three weeks. Children that were stillborn, dead or whose mother died during labour were not included in the study.

Population type

Age

Newborns (birth to 28 days)
Infant (28 days to 2 years)

Population covered

General population

Pathology

Gender

Male
Woman

Geography area

National

Detail of the geography area

Mother-child pairs were randomly selected between 16 January and 05 April 2012 in 136 maternity wards in metropolitan France. Follow-up was conducted by telephone interviews and self-administered questionnaires (online or paper) at 1, 4, 8 and 12 months.

Data collection

Dates

Date of first collection (YYYY or MM/YYYY) 01/2012

Date of last collection (YYYY or MM/YYYY) 06/2013

Size of the database

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

Details of the number of individuals 3,368 mother-child pairs enrolled in maternity wards with 2,806 followed-up at 12 months.

Data

Database activity Data collection completed

Type of data collected
Clinical data
Declarative data
Paraclinical data

Clinical data (detail) Direct physical measures

Declarative data (detail) Paper self-questionnaire
Phone interview

Paraclinical data (detail) ---

Presence of a biobank No

Health parameters studied Health event/morbidity
Others

Other (detail) Milk diet and introduction of complementary food during the infant's first year of life, pregnancy, childbirth and perinatal complications, medication intake (mothers and/or children).

Procedures

Data collection method Two questionnaires were completed at the maternity ward: one by the mother regarding her age, height, and weight before pregnancy; their professional status, education level, marital status and infant milk feeding during the first days in the maternity ward. The other questionnaire was completed by the midwife regarding medical and obstetric history, date of birth, and pregnancy outcome.

Quality procedure(s) used	Internal unit procedures.
Participant monitoring	Yes
Details on monitoring of participants	Information on infant feeding at 1,4,8 and 12 months was recorded by phone interview and self-administered questionnaires. The latter was completed by mothers online or by hard copy sent by post. Telephone interviews focussed on the child's anthropomorphic data and feeding methods (daily number of bottles and feedings per week, then per month, age when maternal breastfeeding stopped, age when complementary food were introduced, etc.). Self-administered questionnaires focussed on the mothers' anthropomorphic data, health events, behavioural aspects and mothers' feelings towards feeding their child.
Links to administrative sources	No

Promotion and access

Promotion

Access

Terms of data access (charter for data provision, format of data, availability delay)	Request to the scientist in charge of the study or website request, according to current InVS terms.
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only