ENNS - French National Nutritional and Health Study

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General

Identification

Detailed name	French National Nutritional and Health Study
Sign or acronym	ENNS
CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation	CNIL no. 905481; Paris Cochin CPP no. 2264.

General Aspects

Medical area	Endocrinology and metabolism Pediatrics
Pathology (details)	Toxic environmental exposure and risk factors, living conditions, food supply, food insecurity and physical activity/inactivity.
Health determinants	Lifestyle and behavior Medicine Nutrition Social and psychosocial factors
Keywords	blood glucose, triglycerides, nutrients, energy, PNNS (French National Nutrition and Health Program), food insecurity, nutrition, nutritional status, excess weight, obesity, hypertension, diabetes, cholesterol, dyslipidemia, lead, arsenic, heavy metals, pesticides, dietary behaviour, recommendations, social health inequalities, 24-hour recalls, diet, physical activity, bulk, blood pressure, monitoring

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	National Health Insurance examination cebters and laboratories; municipal health clinics. Biological analysis laboratory in Dijon and Grenoble University Hospital Centres (UHC). Paris 13 University.

Funding

Funding status	Public
Details	InVS

Governance of the database

Sponsor(s) or organisation(s) responsible	Agence nationale Santé publique France, ex Institut de veille sanitaire (InVS)
Organisation status	Public

Additional contact

Main features

Type of database

Type of database	Study databases
Study databases (details)	Not-repeated cross-sectional studies (except case control studies)
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.	3-stage sampling: 1/ municipalities or groups of municipalities (190) stratified by urban unit size and

8 major regions; 2/ households from phone lists (landlines, red lists, mobile phones and unbundled); 3/ 1 individual per household, adult or child, using the birthday method.

Database objective

Main objective	To describe food consumption, physical activity and nutrition of children and adults from a representative sample of the population living in France between 2006-2007.
Inclusion criteria	Adults: - Residing in metropolitan France during the study period (February 2006 to January 2007); - Between 18 and 74 years old; - Residing in an ordinary household with a landline or mobile phone; - Living at least 5 days a week in the randomly selected household; - Able to understand the primary implications of participating in the study by phone (hearing, understanding of French, no mental illness); - Not suffering from a disease requiring enteral and parenteral artificial feeding; - Agreed to participate in at least one part of the two-part study (food or clinical and biological assessment). Children: - Residing in metropolitan France during the study period (February 2006 to January 2007); - Between 3 and 17 years old; - Residing in an ordinary household with a landline or mobile phone; - Living at least 5 days a week in a randomly selected household; - Able to understand (child and child's guardian) the major implications of participating in the study by phone (hearing, understanding of French, no mental illness); - Not suffering from a disease requiring enteral and parenteral artificial feeding; - Agreed to participate in at least one part of the two-part study (food or clinical and biological assessment).

Population type

Age	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)
Population covered	General population
Pathology	
Gender	Male Woman
Geography area	National
Detail of the geography area	Metropolitan France excluding Corsica island

Dates

Date of first collection (YYYY or MM/YYYY)	02/2006
Date of last collection (YYYY or MM/YYYY)	07/2007

Size of the database

Size of the database (number of individuals)	[1000-10 000[individuals
Details of the number of individuals	3,115 adults (18-74 years old), 1,675 children (3-17 years old).

Data

Database activity	Data collection completed
Type of data collected	Paraclinical data Biological data
Paraclinical data (detail)	Weight, height, waist and hip measurement, blood pressure.
Biological data (detail)	Glucose, HbA1c, cholesterol, triglycerides, iron level, folates, vitamins, etc.
Presence of a biobank	Yes
Contents of biobank	Whole blood Serum Plasma Fluids (saliva, urine, amniotic fluid, ?)

Details of biobank content	---
Health parameters studied	Health event/morbidity Others
Other (detail)	Biological nutritional status markers (body mass, vitamin and micronutrient status, blood pressure, dyslipidemia, etc.).

Procedures

Data collection method	- Initial contact by telephone (household composition, random selection); - Face-to-face questionnaire at home and distribution of self-administered questionnaire; - Three recalls of 24 hours food consumption, by telephone - health examination at home (carried out by a nurse) or in an examination clinic.
Classifications used	INSEE for marginal calibration data.
Quality procedure(s) used	Internal unit procedures.
Participant monitoring	No
Followed pathology	
Links to administrative sources	No

Promotion and access

Promotion

Link to the document	principales publications.docx

Access

Terms of data access (charter for data provision, format of data, availability delay)	Calls for analyses project on InVS website + selection committee established for ENNS.
Access to aggregated data	Access on specific project only
Access to individual data	Access on specific project only