

# ENNS - French National Nutritional and Health Study

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## Général

### Identification

Nom détaillé French National Nutritional and Health Study

Sigle ou acronyme ENNS

Numéro d'enregistrement (ID-RCB ou EUDRACT, CNIL, CPP, etc.) CNIL no. 905481; Paris Cochin CPP no. 2264.

### Thématiques générales

Domaine médical Endocrinology and metabolism  
Pediatrics

Pathologie, précisions Toxic environmental exposure and risk factors, living conditions, food supply, food insecurity and physical activity/inactivity.

Déterminants de santé Lifestyle and behavior  
Medicine  
Nutrition  
Social and psychosocial factors

Mots-clés 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

### Responsable(s) scientifique(s)

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

Organisme Santé publique France

## Collaborations

Participation à des projets, des réseaux, des consortiums Yes

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

## Financements

Financements Public

Précisions InVS

## Gouvernance de la base de données

Organisation(s) responsable(s) ou promoteur Agence nationale Santé publique France, ex Institut de veille sanitaire (InVS)

Statut de l'organisation Secteur Public

## Contact(s) supplémentaire(s)

## Caractéristiques

### Type de base de données

Type de base de données Study databases

Base de données issues d'enquêtes, précisions Not-repeated cross-sectional studies (except case control studies)

Origine du recrutement des participants A population file

Le recrutement dans la base de données s'effectue dans le cadre d'une étude interventionnelle No

Informations complémentaires concernant la constitution de l'échantillon 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.

## Objectif de la base de données

### Objectif principal

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.

### Critères d'inclusion

#### 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).

## Type de population

### 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 concernée      General population

Pathologie

Sexe      Male  
Woman

Champ géographique      National

Détail du champ géographique      Metropolitan France excluding Corsica island

**Collecte**

**Dates**

Année du premier recueil      02/2006

Année du dernier recueil      07/2007

**Taille de la base de données**

Taille de la base de données (en nombre d'individus)      [1000-10 000[ individuals

Détail du nombre d'individus      3,115 adults (18-74 years old), 1,675 children (3-17 years old).

**Données**

Activité de la base      Data collection completed

Type de données recueillies      Paraclinical data  
Biological data

Données paracliniques, précisions      Weight, height, waist and hip measurement, blood pressure.

Données biologiques, précisions      Glucose, HbA1c, cholesterol, triglycerides, iron level, folates, vitamins, etc.

Existence d'une bibliothèque      Yes

Contenu de la bibliothèque      Whole blood  
Serum  
Plasma  
Fluids (saliva, urine, amniotic fluid, ?)

Détail des éléments conservés      ---

|  |   |
|--|---|
| Paramètres de santé étudiés  | Health event/morbidity<br>Others  |
| Autres, précisions   | Biological nutritional status markers (body mass, vitamin and micronutrient status, blood pressure, dyslipidemia, etc.).  |
| <b>Modalités</b>   |   |
| Mode de recueil des données  | - 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. |
| Nomenclatures employées  | INSEE for marginal calibration data.  |
| Procédures qualité utilisées   | Internal unit procedures.   |
| Suivi des participants   | No  |
| <b>Pathologie suivies</b>  |   |
| Appariement avec des sources administratives   | No  |
| <b>Valorisation et accès</b>   |   |
| <b>Valorisation et accès</b>   |   |
| Lien vers le document  | <a href="#">principales publications.docx</a>   |
| <b>Accès</b>   |   |
| Charte d'accès aux données (convention de mise à disposition, format de données et délais de mise à disposition) | Calls for analyses project on InVS website + selection committee established for ENNS.  |
| Accès aux données agrégées   | Access on specific project only   |
| Accès aux données individuelles  | Access on specific project only   |