

INCA1, INCA2, INCA3 - French national dietary survey

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Général	
Identification	
Nom détaillé	French national dietary survey
Sigle ou acronyme	INCA1, INCA2, INCA3
Numéro d'enregistrement (ID-RCB ou EUDRACT, CNIL, CPP, etc.)	--
Thématiques générales	
Domaine médical	Endocrinology and metabolism Pediatrics
Etude en lien avec la Covid-19	No
Déterminants de santé	Intoxication Lifestyle and behavior Nutrition Social and psychosocial factors
Mots-clés	diet, eating habits, food supplements, food safety, nutrition
Responsable(s) scientifique(s)	
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Organisme

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Laboratoire

ANSES
Dietary Survey Unit
Agence nationale de sécurité sanitaire de
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27-31 avenue du Général Leclerc
94701 Maisons-Alfort Cedex

Organisme

ANSES

Collaborations

Participation à des projets, des
réseaux, des consortiums

Yes

Financements

Financements

Public

Précisions

INCA 1 : Ministère de la Santé, Ministère de
l'Agriculture et Ministère de la Consommation INCA
2 : AFSSA

Gouvernance de la base de données

Organisation(s) responsable(s)
ou promoteur

ANSES

Statut de l'organisation

Secteur Public

Existence de comités
scientifique ou de pilotage

Yes

Contact(s) supplémentaire(s)

Caractéristiques

Type de base de données

Type de base de données	Study databases
Base de données issues d'enquêtes, précisions	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	The sampling plan is three-stage (primary units, households and individuals) cluster sampling design based on the national census. The sampling was stratified on region and size of urban area and balanced on the average age of the head of household and household's income. The sampling plan has been designed with the help of the statistical methods unit at the National Institute of Statistics and Economic Studies (INSEE) to enable processing at ZEAT (NUTS 1) level for variables in common with the ENNS study by the French Institute for Public Health Surveillance (InVS).

Objectif de la base de données

Objectif principal	Quantitatively characterize individual eating habits, nutritional intakes and dietary exposure in the population to all substances present in food, particularly those that are regulated (environmental contaminants, pesticide residues, food additives).
Critères d'inclusion	INCA1: The sample is made up of 1985 adults aged 15 years old and over and 1018 children aged 3 to 14 years old. Representativeness is ensured for mainland France (excluding Corsica). INCA2: The sample is made up of 2,624 adults aged 18 to 79 years old and 1,455 children aged 3 to 17 years old. Representativeness is ensured for mainland France (excluding Corsica).

Type de population

Age	Infant (28 days to 2 years) Early childhood (2 to 5 years)
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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

Sexe

Male
Woman

Champ géographique

National

Détail du champ géographique

Metropolitan France (excepting Corsica)

Collecte

Dates

Année du premier recueil

1998

Année du dernier recueil

2007

Taille de la base de données

Taille de la base de données (en nombre d'individus)

[10 000-20 000[individuals

Détail du nombre d'individus

INCA1: 1985 adults aged 15 years old and over and 1018 children aged 3 to 14 years old. INCA2: 2624 adults aged 18 to 79 years old and 1455 children aged 3 to 17 years old.

Données

Activité de la base

Data collection completed

Type de données recueillies

Clinical data
Declarative data
Administrative data

Données déclaratives, précisions

Paper self-questionnaire
Internet self-questionnaire
Face to face interview
Phone interview

Données administratives, précisions

All of the sociodemographic variables are those used by public statistics: region, size of urban area, age, gender, profession and socioprofessional category of each person and of the head of household, educational level, size of household, household income (in brackets).

Existence d'une bibliothèque	No
Paramètres de santé étudiés	Others
Autres, précisions	overweight and obesity, dietary exposure

Modalités

Mode de recueil des données	Individual eating habits declared may be subject to under-declaration and, more occasionally, over-declaration. The INCA's study survey method has been validated by biomarker on healthy volunteers. Recently, as part of the EFCOVAL European project, declarations of nutritional intake have been compared to the corresponding biomarkers and the deviations from populational indicators stay below 10%. In 2006-7, the participation rate in the study was 63% in 18-79 year-old adults and 69% in 3-17 year old children. The INCA1 and INCA2 method has been designed to enable a comparison with several European countries (UK, Ireland, Sweden, Italy and the Netherlands). A methodological change for INCA3 allows for standardized collection using the WHO's EPIC-SOFT program - translated into several languages and recommended by the European Food Safety Authority (EFSA). It is currently used in Belgium, the Netherlands, Germany and the Czech Republic and adoption is underway in other countries.
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Nomenclatures employées	The INCA2 study was subject to a favorable opportunity opinion from the French National Council for Statistical Information (CNIS) and a favorable opinion from this Council's label committee (general interest study). The food nomenclatures are specific to each study. Links to the nomenclatures used by EFSA and by European regulations are then made.
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Suivi des participants	No
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Appariement avec des sources administratives	No
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Valorisation et accès

Valorisation et accès

Lien vers le document	http://www.afssa.fr/Documents/PASER-Ra-INCA2.pdf
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Lien vers le document	http://www.afssa.fr/Documents/PASER-Sy-
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Description

Accès

Charte d'accès aux données
(convention de mise à
disposition, format de données
et délais de mise à disposition)

The general report from the INCA2 study was published in February 2009 by Afssa (which became the French Agency for Food, Environmental and Occupational Health & Safety [Anses] in 2010) and can be found online at www.anses.fr:
Lafay et al (2009) Etude individuelle Nationale des Consommations Alimentaires 2 (INCA2) 2006-7, Agence Française de Sécurité Sanitaire des Aliments, ISBN 978-2-11-097789-2, 225 pages. Disaggregated data can be accessed by signing an agreement with Anses.

Accès aux données agrégées

Free access

Accès aux données individuelles

Access on specific project only