

# A contemporary description of French newborns' growth using the Efemeris cohort

**First published:** 23/11/2018

**Last updated:** 01/04/2024

Study

Finalised

## Administrative details

### EU PAS number

EUPAS26681

### Study ID

26682

### DARWIN EU® study

No

### Study countries

France

### Study description

Reference growth curves are used in current practice to identify children at risk, especially at risk of overweight or obesity. National reference growth curves were published 35 years ago from children born in the 1950s to study growth

from birth to adulthood. Additionally, more recent national curves exist to study birth weight and height according to gestational age. The primary objective was to describe anthropometric measurements of French children born in the 2000s and to compare them with the French references.

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## Study status

Finalised

## Research institutions and networks

### Institutions

#### Pharmacologie En Population cohorteS biobanqueS (PEPSS), Hopitaux de Toulouse

France

**First published:** 31/03/2022

**Last updated:** 01/07/2024

**Institution**

**Educational Institution**

**Hospital/Clinic/Other health care facility**

**ENCePP partner**

## Contact details

### Study institution contact

Christine Damase-Michel [christine.damase-michel@univ-tlse3.fr](mailto:christine.damase-michel@univ-tlse3.fr)

## Study contact

[christine.damase-michel@univ-tlse3.fr](mailto:christine.damase-michel@univ-tlse3.fr)

### Primary lead investigator

Christine Damase-Michel

## Primary lead investigator

## Study timelines

### Date when funding contract was signed

Planned: 01/01/2015

Actual: 01/01/2015

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### Study start date

Planned: 01/01/2015

Actual: 01/01/2015

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### Date of final study report

Planned: 01/01/2017

Actual: 01/01/2017

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## Sources of funding

- Other

## More details on funding

ANSM-PHRC

## Regulatory

**Was the study required by a regulatory body?**

No

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**Is the study required by a Risk Management Plan (RMP)?**

Not applicable

**Other study registration identification numbers and links**

ANSM-PHRC

## Methodological aspects

**Study type**

**Study type list**

**Study topic:**

Other

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**Study topic, other:**

Disease/Epidemiology study

**Study type:**

Non-interventional study

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**Scope of the study:**

Disease epidemiology

**Data collection methods:**

Secondary use of data

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**Main study objective:**

The primary objective was to describe anthropometric measurements of French children born in the 2000s and to compare them with the French references.

## Study Design

**Non-interventional study design**

Cohort

## Population studied

**Short description of the study population**

French children born in the 2000s.

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**Age groups**

- Preterm newborn infants (0 – 27 days)
- Term newborn infants (0 – 27 days)
- Infants and toddlers (28 days – 23 months)

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**Estimated number of subjects**

77000

## Study design details

## Outcomes

Weight, height, and body mass index (BMI) at birth, 9 months, and 24 months

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## Data analysis plan

The z-score means based on the French references for weight, height, and body mass index (BMI) at birth, 9 months, and 24 months were calculated.

## Documents

### Study publications

[Beau AB, Tauber M, Chollet C, Hurault-Delarue C, Bouilhac C, Montastruc JL, Lac...](#)

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## Data management

## ENCePP Seal

The use of the ENCePP Seal has been discontinued since February 2025. The ENCePP Seal fields are retained in the display mode for transparency but are no longer maintained.

## Data sources

### Data source(s)

EFEMERIS

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### Data sources (types)

Administrative healthcare records (e.g., claims)

## Use of a Common Data Model (CDM)

### **CDM mapping**

No

## Data quality specifications

### **Check conformance**

Unknown

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### **Check completeness**

Unknown

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### **Check stability**

Unknown

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### **Check logical consistency**

Unknown

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## Data characterisation

### **Data characterisation conducted**

Unknown