

# POMME

**First published:** 01/02/2024

**Last updated:** 18/02/2026

Data source

Human

Administrative healthcare records (e.g., claims)

Other

Pharmacy dispensing records

## Administrative details

### Administrative details

**Data source ID**

46488

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**Data source acronym**

POMME

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**Data holder**

[University Toulouse III](#)

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**Data source type**

Administrative healthcare records (e.g., claims)

Other

Pharmacy dispensing records

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### **Data source type, other**

Data on pregnant women, Data on children health until 24 months, and medication and procedures data until 2023

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### **Main financial support**

National, regional, or municipal public funding

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### **Care setting**

Hospital inpatient care

Primary care – GP, community pharmacist level

Primary care – specialist level (e.g. paediatricians)

Secondary care – specialist level (ambulatory)

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### **Data source qualification**

If the data source has successfully undergone a formal qualification process (e.g., from the EMA, ISO or other certifications), this should be described.

No

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### **Data source website**

<http://www.efemeris.fr/pomme.html>

## Contact details

Justine Benevent [justine.benevent@utoulouse.fr](mailto:justine.benevent@utoulouse.fr)

Main

[justine.benevent@utoulouse.fr](mailto:justine.benevent@utoulouse.fr)

Anthony Caillet [caillet.a@chu-toulouse.fr](mailto:caillet.a@chu-toulouse.fr)

Alternate

[caillet.a@chu-toulouse.fr](mailto:caillet.a@chu-toulouse.fr)

# Data source regions and languages

## Data source countries

France

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## Data source languages

French

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## Data source regions

Haute-Garonne

Occitanie

# Data source establishment

## Data source established

01/06/2010

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## Data source time span

**First collection:** 01/06/2010

The date when data started to be collected or extracted.

# Publications

## Data source publications

[Benevent J, Hurault-Delarue C, Araujo M, Montastruc JL, Lacroix I, Damase-Michel C. POMME: the new cohort to evaluate long-term effects after prenatal medicine exposure. Drug Safety. 2019 Jan 21;42:45-54.](#)

[Benevent J, Hurault-Delarue C, Araujo M, Montastruc F, Montastruc JL, Lacroix I, Damase-Michel C. Higher intake of medications for digestive disorders in children prenatally exposed to drugs with atropinic properties. Fundamental &](#)

Clinical Pharmacology. 2019 Jun;33(3):314-26.

Benevent J, Hurault-Delarue C, Araujo M, Revet A, Sommet A, Lacroix I, Damase-Michel C. Prenatal Drug Exposure in Children With a History of Neuropsychiatric Care: A Nested Case-Control Study. Frontiers in Psychiatry. 2022 Mar 22;13:795890.

## Data elements collected

### The data source contains the following information

#### **Disease information**

Does the data source collect information with a focus on a specific disease? This might be a patient registry or other similar initiatives.

No

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#### **Rare diseases**

Are rare diseases captured? In the European Union a rare disease is one that affects no more than 5 people in 10,000.

No

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#### **Pregnancy and/or neonates**

Does the data source collect information on pregnant women and/or neonatal subpopulation (under 28 days of age)?

Yes

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#### **Hospital admission and/or discharge**

Yes

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**ICU admission**

Is information on intensive care unit admission available?

No

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**Cause of death**

Captured

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**Cause of death vocabulary**

ICD-10

Not coded (Free text)

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**Prescriptions of medicines**

Not Captured

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**Dispensing of medicines**

Captured

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**Dispensing vocabulary**

ATC

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**Advanced therapy medicinal products (ATMP)**

Is information on advanced therapy medicinal products included? A medicinal product for human use that is either a gene therapy medicinal product, a somatic cell therapy product or a tissue engineered products as defined in Regulation (EC) No 1394/2007 [Reg (EC) No 1394/2007 Art 1(1)].

No

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**Contraception**

Is information on the use of any type of contraception (oral, injectable, devices etc.) available?

No

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**Indication for use**

Does the data source capture information on the therapeutic indication for the use of medicinal products?

Not Captured

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### **Medical devices**

Is information on medicinal devices (e.g., pens, syringes, inhalers) available?

No

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### **Administration of vaccines**

Yes

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### **Procedures**

Does the data source capture information on procedures (e.g., diagnostic tests, therapeutic, surgical interventions)?

Captured

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### **Procedures vocabulary**

Other

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### **Procedures vocabulary, other**

LABO, CCAM, LPP, GHS

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### **Healthcare provider**

Is information on the person providing healthcare (e.g., physician, pharmacist, specialist) available?  
The healthcare provider refers to individual health professionals or a health facility organisation licensed to provide health care diagnosis and treatment services including medication, surgery and medical devices.

Yes

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### **Clinical measurements**

Is information on clinical measurements (e.g., BMI, blood pressure, height) available?

No

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## **Genetic data**

Are data related to genotyping, genome sequencing available?

Not Captured

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## **Biomarker data**

Does the data source capture biomarker information? The term “biomarker” refers to a broad subcategory of medical signs ( objective indications of medical state observed from outside the patient), which can be measured accurately and reproducibly. For example, haematological assays, infectious disease markers or metabolomic biomarkers.

Not Captured

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## **Patient-reported outcomes**

Is information on patient-reported outcomes (e.g., quality of life) available?

Yes

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## **Patient-generated data**

Is patient-generated information (e.g., from wearable devices) available?

No

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## **Units of healthcare utilisation**

Are units of healthcare utilisation (e.g., number of visits to GP per year, number of hospital days) available or can they be derived? Units of healthcare utilisation refer to the quantification of the use of services for the purpose of preventing or curing health problems.

No

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## **Unique identifier for persons**

Are patients uniquely identified in the data source?

Yes

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## **Diagnostic codes**

Captured

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## **Diagnosis / medical event vocabulary**

ICD-10

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## **Medicinal product information**

Captured

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## **Medicinal product information collected**

Active ingredient(s)

Brand name

Package size

Route of administration

Strength

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## **Medicinal product vocabulary**

ATC

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## **Quality of life measurements**

Not Captured

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## **Lifestyle factors**

Captured

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## **Lifestyle factors**

Alcohol use

Tobacco use

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## **Sociodemographic information**

Captured

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## **Sociodemographic information collected**

Age

Education level

Gender

Socioeconomic status

## Quantitative descriptors

### Population Qualitative Data

#### **Population age groups**

Paediatric Population (< 18 years)

Neonate

Preterm newborn infants (0 - 27 days)

Term newborn infants (0 - 27 days)

Infants and toddlers (28 days - 23 months)

Children (2 to < 12 years)

Adolescents (12 to < 18 years)

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#### **Estimated percentage of the population covered by the data source in the catchment area**

around 80%

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#### **Description of the population covered by the data source in the catchment area whose data are not collected (e.g., people who are registered only for private care)**

Regional sub-set - Data capture is restricted to the region of Haute-Garonne (south-west France department).

### Family linkage

**Family linkage available in the data source permanently or can be created on an ad hoc basis**

Ad hoc

## Population

### **Population size**

18851

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### **Active population size**

18851

## Population by age group

<b>Age group</b>	<b>Population size</b>	<b>Active population size</b>
Children (2 to < 12 years)	10479	10479
Adolescents (12 to < 18 years)	8372	8372

## Median observation time

**Median time (years) between first and last available records for unique individuals captured in the data source**

11.00

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**Median time (years) between first and last available records for unique active individuals (alive and currently registered) capt**

11.00

## **Biospecimen access**

Are biospecimens available in the data source (e.g., tissue samples)?

No

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## **Access to subject details**

Can individual patients/practitioners/practices included in the data source be contacted?

No

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## **Description of data collection**

Annual CPAM data collection of procedures and medication dispensing for all children from efemeris database born 2010 and 2015

# Event triggering registration

## **Event triggering registration of a person in the data source**

Other

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## **Event triggering registration of a person in the data source, other**

Birth in 2010, Birth in 2015

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## **Event triggering de-registration of a person in the data source**

Other

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## **Event triggering de-registration of a person in the data source, other**

If the person objects to be included in the study

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## **Event triggering creation of a record in the data source**

Medication or procedure record from CPAM, effective crossing with children from EFEMERIS database born 2010 and 2015

# Data source linkage

## **Linkage**

Is the data source described created by the linkage of other data sources (prelinked data source) and/or can the data source be linked to other data source on an ad-hoc basis?

Yes

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## **Linkage description, pre-linked**

Cross-referencing of data from CPAM and children from efemeris database born 2010 and 2015

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## **Linkage description, possible linkage**

after anonymization on name, surname and date of birth

## **Linked data sources**

### **Pre linked**

Is the data source described created by the linkage of other data sources?

No

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### **Data source, other**

Disability registry

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### **Linkage strategy**

Deterministic

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### **Linkage variable**

patronymic identifier (maiden name + first name + date of birth), marital identifier (married name + first name + date of birth), delivery date

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### **Linkage completeness**

Completeness of the linkage can be provided upon request

**Pre linked**

Is the data source described created by the linkage of other data sources?

Yes

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**Data source, other**

EFEMERIS-CPAM

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**Linkage strategy**

Deterministic

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**Linkage variable**

patronymic identifier (maiden name + first name + date of birth),marital  
identifier (married name + first name + date of birth),delivery date

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**Linkage completeness**

100%

## Data management specifications that apply for the data source

**Data source refresh**

Yearly

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**Informed consent for use of data for research**

Other

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**Possibility of data validation**

Can validity of the data in the data source be verified (e.g., access to original medical charts)?

Yes

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**Data source preservation**

Are records preserved in the data source indefinitely?

Yes

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**Approval for publication**

Is an approval needed for publishing the results of a study using the data source?

Yes

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**Informed consent, other**

There is a committee to evaluate requests for data access

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**Data source last refresh**

01/04/2022

## Common Data Model (CDM) mapping

**CDM mapping**

Has the data source been converted (ETL-ed) to a common data model?

Yes

**CDM Mappings****CDM name**

EUROMEDICAT

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**CDM website**

<https://www.euromedicat.eu>

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**Data source ETL CDM version**

1.0

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**Data source ETL frequency**

12,00 months

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**Data source ETL status**

Completed

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**Data source ETL specifications (link)**

<https://www.euromedicat.eu>

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**CDM name**

ConcepTION CDM

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**CDM website**

<https://www.imi-conception.eu/>

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**CDM release frequency**

6 months

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**Data source ETL CDM version**

2.0

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**Data source ETL frequency**

12,00 months

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**Data source ETL status**

Completed