

Dutch Pregnancy Drug Register

First published: 01/02/2024

Last updated: 19/02/2026

Data source

Human

Other

Administrative details

Administrative details

Data source ID

1111218

Data source acronym

DPDR

Data holder

[Netherlands Pharmacovigilance Centre Lareb](#)

Data source type

Other

Data source type, other

Self-reported online questionnaires by pregnant women

Main financial support

National, regional, or municipal public funding

Care setting

Other

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

Data source website

<https://www.moedersvanmorgen.nl/>

Contact details

Miranda van Tuyl m.vantuyl@lareb.nl

Main

m.vantuyl@lareb.nl

Data source regions and languages

Data source countries

Netherlands

Data source languages

Dutch

English

Data source establishment

Data source established

15/01/2021

Data source time span

First collection: 15/01/2021

The date when data started to be collected or extracted.

Publications

Data source publications

[Maternal first trimester COVID-19 vaccination and risk of major non-genetic congenital anomalies](#)

[Aim and Design of pREGnant, the Dutch Pregnancy Drug Register](#)

[The risk of preterm labor after COVID-19 vaccination before and during pregnancy](#)

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.

Yes

Disease details (other)

The presence of all diseases are collected (disease present or not), but no/limited clinical data are collected

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.

Yes

Pregnancy and/or neonates

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

Yes

Hospital admission and/or discharge

No

ICU admission

Is information on intensive care unit admission available?

No

Cause of death

Not Captured

Prescriptions of medicines

Captured

Dispensing of medicines

Captured

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)].

Yes

Contraception

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

No

Indication for use

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

Captured

Indication vocabulary

ICD-10

Not coded (Free text)

Medical devices

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

No

Administration of vaccines

Yes

Procedures

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

Not Captured

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.

No

Clinical measurements

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

No

Genetic data

Are data related to genotyping, genome sequencing available?

Not Captured

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

Patient-reported outcomes

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

Yes

Patient-generated data

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

Yes

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

Unique identifier for persons

Are patients uniquely identified in the data source?

No

Diagnostic codes

Captured

Diagnosis / medical event vocabulary

ICD-10

Not coded (Free text)

Medicinal product information

Captured

Medicinal product information collected

Brand name

Dosage regime

Dose

Formulation

Strength

Medicinal product vocabulary

Not coded (Free text)

Z-index (G-standard)

Quality of life measurements

Not Captured

Lifestyle factors

Captured

Lifestyle factors

Alcohol use

Other

Tobacco use

Sociodemographic information

Captured

Sociodemographic information collected

Age

Country of origin

Education level

Ethnicity

Gender

Quantitative descriptors

Population Qualitative Data

Population age groups

Adults (18 to < 46 years)

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

Pregnant population in the Netherlands: ~ 160000 yearly. Number of pregnant women enrolled in the registry per year (based on 2021/2022): 5000-8000.
Population covered: 3-5%

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)

Pregnant women not participating. Ones being pregnant, women can register themselves (participate) in the study. For pregnant women who are not participating, data is not collected

Family linkage

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

Permanently

Family linkage available between the following persons

Mother-child

Population

Population size

21564

Active population size

1422

Population by age group

Age group	Population size	Active population size
Adults (18 to < 46 years)	21654	1422

Median observation time

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

0.40

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

0.60

Data flows and management

Access and validation

Governance details

Documents or webpages that describe the overall governance of the data source and processes and procedures for data capture and management, data quality check and validation results (governing data access or utilisation for research purposes).

<https://link.springer.com/article/10.1007/s40264-018-0722-7>

Biospecimen access

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

No

Access to subject details

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

Yes

Description of data collection

The data are collected using web-based questionnaires

Event triggering registration

Event triggering registration of a person in the data source

Other

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

Once being pregnant, a woman can participate

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

Loss to follow up

Other

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

End of pregnancy or 12 months after the estimated date of birth

Event triggering creation of a record in the data source

A pregnant women registers to participate

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

Linkage description, possible linkage

Participants provided permission for linkages to these data sources. Not all participants provided permission, permission can be declined

Linked data sources

Pre linked

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

No

Data source, other

CIMS

Linkage variable

Gender, date of birth, 4 digit postal code

Linkage completeness

Unknown, a linkage should be possible but is never performed

Pre linked

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

No

Data source, other

Perined

Linkage variable

Gender, date of birth, 4 digit postal code

Linkage completeness

Unknown, a linkage should be possible but is never performed

Pre linked

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

No

Data source, other

Praeventis

Linkage variable

Gender, date of birth, 4 digit postal code

Linkage completeness

Unknown, a linkage should be possible but is never performed

Data management specifications that apply for the data source

Data source refresh

Monthly

Informed consent for use of data for research

Not Required

Possibility of data validation

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

Yes

Data source preservation

Are records preserved in the data source indefinitely?

No

Approval for publication

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

No

Data source last refresh

17/01/2025

Common Data Model (CDM) mapping

CDM mapping

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

No