

# Initiative for quality improvement and epidemiology among children and adolescents with diabetes

**First published:** 06/05/2024

**Last updated:** 17/10/2024

**Data source**

Human

Other

## Administrative details

### Administrative details

**Data source ID**

1000000125

**Data source acronym**

IQECAD

**Data holder**

Sciensano

**Data source type**

Other

**Data source type, other**

Hospital resources & Healthcare resources

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### **Main financial support**

National, regional, or municipal public funding

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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**

[Health Information Portal: Initiative for quality improvement and epidemiology among children and adolescents with diabetes](#)

## Contact details

Sciensano Email [iqecad@sciensano.be](mailto:iqecad@sciensano.be)

Main

[iqecad@sciensano.be](mailto:iqecad@sciensano.be)

## Data source regions and languages

### **Data source countries**

Belgium

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### **Data source languages**

Dutch

French

# Data source establishment

## Data source time span

**First collection:** 01/01/2008

The date when data started to be collected or extracted.

## 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

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### Disease details (other)

Diabetes

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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)?

No

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

No

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## **ICU admission**

Is information on intensive care unit admission available?

No

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## **Cause of death**

Not Captured

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## **Prescriptions of medicines**

Not Captured

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## **Dispensing of medicines**

Not Captured

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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

No

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## Procedures

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

Not Captured

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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.

No

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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?

No

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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?

No

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### **Diagnostic codes**

Not Captured

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### **Medicinal product information**

Not Captured

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### **Quality of life measurements**

Not Captured

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### **Lifestyle factors**

Not Captured

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## **Sociodemographic information**

Captured

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### **Sociodemographic information collected**

Age

Gender

Other

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### **Sociodemographic information other**

Place of residence

## Quantitative descriptors

## Population Qualitative Data

### **Population age groups**

Paediatric Population (< 18 years)

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)

Adults (18 to < 65 years)

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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)**

Target population: children and adolescents (< 19 years old) with Type I Diabetes.

## Data flows and management

### Access and validation

#### **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

### 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**

Linkage is possible with IQED, IQED-Foot, IMA and NR

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#### **Linkage description, possible linkage**

Linkage is possible with IQED, IQED-Foot, IMA and NR

### 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**

Required for general use

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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?

No

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**Approval for publication**

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

Yes

## Common Data Model (CDM) mapping

**CDM mapping**

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

No