

Diabetes: annual care processes (children T2DM)

NICE indicator

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This other replaces IND48.

Indicator

Proportion of children and young people aged 12 to 18 years with type 2 diabetes who received the following individual care processes in the previous 12 months:

- glycated haemoglobin A1c (HbA1c) monitoring
- body mass index (BMI)
- blood pressure
- urinary albumin
- foot examination
- total cholesterol level.

Indicator type

Network / system level indicator. The indicator would be appropriate to understand and report on the performance of networks or systems of providers.

This document does not represent formal NICE guidance. For a full list of NICE indicators, see our [menu of indicators](#).

To find out how to use indicators and how we develop them, see our [NICE indicator process guide](#).

Rationale

This indicator aims to reduce the risk of complications associated with diabetes, and support early identification of any complications, in children and young people by monitoring key care processes.

Source guidance

- [Diabetes \(type 1 and type 2\) in children and young people: diagnosis and management. NICE guideline NG18](#) (2015, updated 2023), recommendations 1.3.21, 1.3.35, 1.3.74 and 1.3.86
- [Diabetic foot problems: prevention and management. NICE guideline NG19](#) (2015, updated 2019), recommendations 1.3.2 and 1.3.11

Specification

Numerator: The number of people in the denominator who received the following individual care processes in the previous 12 months:

- glycated haemoglobin A1c (HbA1c) monitoring
- body mass index (BMI)
- blood pressure

- urinary albumin
- foot examination
- total cholesterol level.

Denominator: The number of children and young people aged 12 to 18 years with type 2 diabetes.

Calculation: Numerator divided by the denominator, multiplied by 100.

Exclusions: None

Personalised care adjustments or exception reporting should be considered to account for situations where the patient declines, does not attend or if care processes are not appropriate.

Data source: [National Paediatrics Diabetes Audit](#). Data on a slightly different bundle of care processes for all children and young people under 18 with type 2 diabetes in all care settings is available from the [National Diabetes Audit Young People with Type 2 Diabetes Dashboard](#).

Expected population size: The National Paediatric Diabetes Audit for 2023 to 2024 indicates that 0.001% of people in England are children and young people 12 plus years with type 2 diabetes: 0.1 per 10,000 patients served by a network. There is no minimum number of patients required for network level indicators. However, consideration should be given to whether the majority of results would require suppression because of small numbers.

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