

# Diabetes: annual care processes (children T2DM)

NICE indicator

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[www.nice.org.uk/indicators/ind297](https://www.nice.org.uk/indicators/ind297)

This indicator 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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