



# Diabetes: admission rates (renal replacement therapy)

NICE indicator

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[www.nice.org.uk/indicators/ind45](https://www.nice.org.uk/indicators/ind45)

## Indicator

Admission rates for renal replacement therapy in people with diabetes.

## 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

Suboptimal diabetes management can lead to a number of short- and long-term health complications, including renal failure. Admission rates for renal replacement therapy in people with diabetes are therefore used as a proxy for outcomes of care.

## Source guidance

[Type 1 diabetes in adults: diagnosis and management. NICE guideline NG17 \(2015, updated 2022\)](#)

[Type 2 diabetes in adults: management. NICE guideline NG28 \(2015, updated 2022\)](#)

[Chronic kidney disease: assessment and management. NICE guideline NG203 \(2021\)](#)

## Specification

**Numerator:** The number of people in the denominator that have been admitted to hospital for renal replacement therapy.

**Denominator:** The number of people with diabetes.

**Calculation:** Indirectly age and sex standardised ratio.

**Exclusions:** None.

**Data source:** [National Diabetes Audit](#) and [hospital episodes statistics](#): admitted patient care.

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Minimum population: The indicator would be appropriate to assess performance of networks or systems of providers.

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