

# Diabetes: complications

NICE indicator

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[www.nice.org.uk/indicators/ind9](https://www.nice.org.uk/indicators/ind9)

## Indicator

The proportion of adults with a diagnosis of diabetes who have a recording of myocardial infarction (MI), stroke and/or end-stage kidney disease.

## 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

Myocardial infarction (MI), stroke and end-stage kidney disease are all complications associated with diabetes. The aim of diabetes care is to help prevent these complications; high rates of these may indicate poor 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)
- [Stroke and transient ischaemic attack in over 16s: diagnosis and initial management. NICE guideline NG128](#) (2019, updated 2022)
- [Cardiovascular disease: risk assessment and reduction, including lipid modification. NICE guideline NG238](#) (2014, updated 2023)
- [Acute coronary syndromes. NICE guideline NG185](#) (2020)

## Specification

Numerator: The number in the denominator with a Hospital Episode Statistics (HES) record of MI, stroke or end-stage kidney disease.

Denominator: The number of people with diabetes.

Calculation: Indirectly age and sex standardised ratio.

Exclusions: People under 18 years.

Data source: [National Diabetes Audit \(NDA\)](#).

Minimum population: The indicator would be appropriate to understand and report on the performance of networks or systems of providers.

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