

# Indigenous primary health care: PI05b-Proportion of regular clients with Type II diabetes who have had an HbA1c measurement result recorded, 2015-2017

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	PI05b-Proportion of regular clients with Type II diabetes who have had an HbA1c measurement result recorded, 2015-2017
<b>METEOR identifier:</b>	686352
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Health</a>, Superseded 17/10/2018</li><li>• <a href="#">Indigenous</a>, Superseded 17/10/2018</li></ul>
<b>Description:</b>	Proportion of regular clients who are Indigenous, have Type II diabetes and who have had an HbA1c measurement result recorded at the primary health care service within the previous 6 months AND proportion of regular clients who are Indigenous, have Type II diabetes and who have had an HbA1c measurement result recorded at the primary health care service within the previous 12 months.
<b>Rationale:</b>	People with diabetes should have their glycosylated haemoglobin (HbA1c) measured at least every 6 months or more frequently depending on the level of blood glucose control. Effective management of chronic disease can delay the progression of disease, improve quality of life, increase life expectancy, and decrease the need for high-cost interventions.
<b>Indicator set:</b>	<a href="#">Indigenous primary health care key performance indicators (2015-2017)</a> <a href="#">Health</a> , Superseded 17/10/2018 <a href="#">Indigenous</a> , Superseded 17/10/2018

## Collection and usage attributes

<b>Computation description:</b>	<p>Proportion of regular clients who are Indigenous, have Type II diabetes and who have had an HbA1c measurement result recorded at the primary health care service within the previous 6 months AND proportion of regular clients who are Indigenous, have Type II diabetes and who have had an HbA1c measurement result recorded at the primary health care service within the previous 12 months.</p> <p>'Regular client' refers to a client of an Australian Government Department of Health-funded primary health care service (that is required to report against the Indigenous primary health care key performance indicators) who has an active medical record; that is, a client who has attended the Department of Health-funded primary health care service at least 3 times in 2 years.</p> <p>HbA1c: glycosylated haemoglobin.</p> <p>Exclude Type I diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance.</p> <p>Results arising from measurements conducted outside of the service, that are known by the service, are included in the calculation of this indicator.</p> <p>Presented as a percentage.</p> <p>Calculated separately for 6 months and 12 months.</p>
<b>Computation:</b>	$(\text{Numerator} \div \text{Denominator}) \times 100$

**Numerator:**

Calculation A: Number of regular clients who are Indigenous, have Type II diabetes and who have had an HbA1c measurement result recorded at the primary health care service within the previous 6 months.

Calculation B: Number of regular clients who are Indigenous, have Type II diabetes and who have had an HbA1c measurement result recorded at the primary health care service within the previous 12 months.

**Numerator data elements:**

<p><b>Data Element / Data Set</b></p> <p><a href="#">Person—diabetes mellitus status, code NN</a></p> <p><b>Data Source</b></p> <p><a href="#">Indigenous primary health care data collection</a></p> <p><b>NMDS / DSS</b></p> <p><a href="#">Indigenous primary health care NBEDS 2017–18</a></p> <p><b>Guide for use</b></p> <p>Type II diabetes only.</p>
<p><b>Data Element / Data Set</b></p> <p><a href="#">Person—glycosylated haemoglobin measurement result recorded indicator, yes/no code N</a></p> <p><b>Data Source</b></p> <p><a href="#">Indigenous primary health care data collection</a></p> <p><b>NMDS / DSS</b></p> <p><a href="#">Indigenous primary health care NBEDS 2017–18</a></p>
<p><b>Data Element / Data Set</b></p> <p><a href="#">Person—Indigenous status, code N</a></p> <p><b>Data Source</b></p> <p><a href="#">Indigenous primary health care data collection</a></p> <p><b>NMDS / DSS</b></p> <p><a href="#">Indigenous primary health care NBEDS 2017–18</a></p> <p><b>Guide for use</b></p> <p>The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.</p>
<p><b>Data Element / Data Set</b></p> <p><a href="#">Person—regular client indicator, yes/no code N</a></p> <p><b>Data Source</b></p> <p><a href="#">Indigenous primary health care data collection</a></p> <p><b>NMDS / DSS</b></p> <p><a href="#">Indigenous primary health care NBEDS 2017–18</a></p> <p><b>Guide for use</b></p> <p>The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.</p>

**Denominator:**

Calculation A and B: Total number of regular clients who are Indigenous and have Type II diabetes.

**Denominator data elements:**

**Data Element / Data Set**

[Person—diabetes mellitus status, code NN](#)

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care NBEDS 2017–18](#)

**Guide for use**

Type II diabetes only.

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care NBEDS 2017–18](#)

**Guide for use**

The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.

**Data Element / Data Set**

[Person—regular client indicator, yes/no code N](#)

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care NBEDS 2017–18](#)

**Guide for use**

The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.

**Disaggregation:**

1. Sex:
  - a) Male
  - b) Female
2. Age:
  - a) 0-4 years
  - b) 5-14 years
  - c) 15-24 years
  - d) 25-34 years
  - e) 35-44 years
  - f) 45-54 years
  - g) 55-64 years
  - h) 65 years and over

**Disaggregation data elements:**

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care NBEDS 2017–18](#)

**Data Element / Data Set**

[Person—sex, code X](#)

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care NBEDS 2017–18](#)

**Guide for use**

The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

**Format:** N[N].N

## Indicator conceptual framework

**Framework and dimensions:** [Effective/Appropriate/Efficient](#)

## Data source attributes

**Data sources:** **Data Source**

[Indigenous primary health care data collection](#)

**Frequency**

6 monthly

**Data custodian**

Australian Institute of Health and Welfare.

## Source and reference attributes

**Submitting organisation:** Australian Institute of Health and Welfare

Australian Government Department of Health

## Relational attributes

**Related metadata references:**

See also [Indigenous primary health care: PI05a-Number of regular clients with Type II diabetes who have had an HbA1c measurement result recorded, 2015-2017](#)

- [Health](#), Superseded 17/10/2018
- [Indigenous](#), Superseded 17/10/2018

Supersedes [Indigenous primary health care: PI05b-Proportion of regular clients with Type II diabetes who have had an HbA1c measurement result recorded, 2015-2017](#)

- [Health](#), Superseded 25/01/2018
- [Indigenous](#), Superseded 27/02/2018

Has been superseded by [Indigenous primary health care: PI05b-Proportion of regular clients with Type II diabetes who have had an HbA1c measurement result recorded, 2018-2019](#)

- [Health](#), Superseded 16/01/2020
- [Indigenous](#), Superseded 14/07/2021