

# **Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017**

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# Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Output measure
<b>Short name:</b>	PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017
<b>METEOR identifier:</b>	663928
<b>Registration status:</b>	<a href="#">Health</a> , Superseded 25/01/2018 <a href="#">Indigenous</a> , Superseded 27/02/2018
<b>Description:</b>	<p>Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within either the previous 6 months or 12 months, was categorised as one of the following:</p> <ul style="list-style-type: none"><li>• less than or equal to 7% (less than or equal to 53 mmol/mol);</li><li>• greater than 7% but less than or equal to 8% (greater than 53 mmol/mol but less than or equal to 64 mmol/mol);</li><li>• greater than 8% but less than 10% (greater than 64 mmol/mol but less than 86 mmol/mol) or;</li><li>• greater than or equal to 10% (greater than or equal to 86 mmol/mol)</li></ul>
<b>Rationale:</b>	Chronic diseases, such as diabetes, are a major cause of morbidity and mortality among Aboriginal and Torres Strait Islander people. Monitoring glycosylated haemoglobin (HbA1c) levels plays a key role in the management of the disease.
<b>Indicator set:</b>	<a href="#">Indigenous primary health care key performance indicators (2015-2017)</a> <a href="#">Health</a> , Superseded 25/01/2018 <a href="#">Indigenous</a> , Superseded 27/02/2018

## Collection and usage attributes

**Computation description:** Count of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within either the previous 6 months or 12 months, was categorised as one of the following:

- less than or equal to 7% (less than or equal to 53 mmol/mol);
- greater than 7% but less than or equal to 8% (greater than 53 mmol/mol but less than or equal to 64 mmol/mol);
- greater than 8% but less than 10% (greater than 64 mmol/mol but less than 86 mmol/mol) or;
- greater than or equal to 10% (greater than or equal to 86 mmol/mol)

'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.

HbA1c: glycosylated haemoglobin.

Exclude Type I diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance.

Presented as a number.

Calculated separately for each HbA1c range, for each time period.

Include only the most recent HbA1c measurement result from each time period.

**Computation:**

Numerator only

**Numerator:**

Calculation A: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 6 months, was less than or equal to 7% (less than or equal to 53 mmol/mol).

Calculation B: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 6 months, was greater than 7% but less than or equal to 8% (greater than 53 mmol/mol but less than or equal to 64 mmol/mol).

Calculation C: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 6 months, was greater than 8% but less than 10% (greater than 64 mmol/mol but less than 86 mmol/mol).

Calculation D: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 6 months, was greater than or equal to 10% (greater than or equal to 86 mmol/mol).

Calculation E: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 12 months, was less than or equal to 7% (less than or equal to 53 mmol/mol).

Calculation F: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 12 months, was greater than 7% but less than or equal to 8% (greater than 53 mmol/mol but less than or equal to 64 mmol/mol).

Calculation G: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 12 months, was greater than 8% but less than 10% (greater than 64 mmol/mol but less than 86 mmol/mol).

Calculation H: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 12 months, was greater than or equal to 10% (greater than or equal to 86 mmol/mol).

**Numerator 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 DSS 2015-17](#)

**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 DSS 2015-17](#)

**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 DSS 2015-17](#)

**Data Element / Data Set**

[Person—glycosylated haemoglobin level, code N](#)

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care DSS 2015-17](#)

**Guide for use**

Response to this is conditional on responding 'yes' to having had an HbA1c measurement result recorded within either the previous 6 months or 12 months.

**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:**

<p><b>Data Element / Data Set</b></p> <p><a href="#">Person—sex, 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 DSS 2015-17</a></p>
<p><b>Data Element / Data Set</b></p> <p><a href="#">Person—age, total years N[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 DSS 2015-17</a></p>

**Representational attributes**

**Representation class:** Count

**Data type:** Real

**Unit of measure:** Person

**Indicator conceptual framework**

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

**Data source attributes**

<p><b>Data sources:</b></p> <p><b>Data Source</b></p> <p><a href="#">Indigenous primary health care data collection</a></p> <p><b>Frequency</b></p> <p>6 monthly</p> <p><b>Data custodian</b></p> <p>Australian Institute of Health and Welfare.</p>
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**Source and reference attributes**

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

## Relational attributes

**Related metadata references:**

Supersedes [Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015](#)

[Health](#), Superseded 05/10/2016

[Indigenous](#), Superseded 20/01/2017

Has been superseded by [Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017](#)

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

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

See also [Indigenous primary health care: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017](#)

[Health](#), Superseded 25/01/2018

[Indigenous](#), Superseded 27/02/2018