

# **Indigenous-specific primary health care: PI06b- Proportion of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2020**

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# Indigenous-specific primary health care: PI06b- Proportion of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2020

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	PI06b-Proportion of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2020
<b>METEOR identifier:</b>	739353
<b>Registration status:</b>	<a href="#">Indigenous</a> , Superseded 03/07/2022
<b>Description:</b>	<p>Proportion of <a href="#">Indigenous regular clients</a> with type 2 diabetes 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>	Diabetes is a major cause of morbidity and mortality among Aboriginal and Torres Strait Islander people. Monitoring glycosylated haemoglobin (HbA1c) levels plays a key role in diabetes management by providing a longer-term perspective on blood sugar control.
<b>Indicator set:</b>	<a href="#">Indigenous-specific primary health care national key performance indicators December 2020</a> <a href="#">Indigenous</a> , Superseded 03/07/2022

## Collection and usage attributes

<b>Computation description:</b>	<p>Proportion of <a href="#">Indigenous regular clients</a> with type 2 diabetes whose HbA1c measurement result, recorded within 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> <p>Presented as a percentage.</p> <p>Exclude type 1 diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose (IFG), impaired glucose tolerance (IGT).</p> <p>Calculated separately for each HbA1c range, for each time period.</p> <p>Include only the most recent HbA1c measurement from each time period.</p> <p>If the client has had their HbA1c measured more than once in the relevant period, only the most recently recorded result is included in this calculation.</p>
<b>Computation:</b>	$(\text{Numerator} \div \text{Denominator}) \times 100$

**Numerator:**

Calculation A: Number of Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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**

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Type 2 diabetes only.

**Data Element / Data Set**

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

**Data Source**

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

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

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Indigenous only.

**Data Element / Data Set**

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

**Data Source**

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Regular client only.

**Denominator:**

Calculation A, B, C, D: Total number of Indigenous regular clients with type 2 diabetes who had an HbA1c measurement result recorded within the previous 6 months.

Calculation E, F, G, H: Total number of Indigenous regular clients with type 2 diabetes who had an HbA1c measurement result recorded within the previous 12 months.

**Denominator data elements:**

**Data Element / Data Set**

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

**Data Source**

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Type 2 diabetes only.

**Data Element / Data Set**

[Person—glycosylated haemoglobin measurement result recorded indicator, yes/no code N](#)

**Data Source**

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Indigenous only.

**Data Element / Data Set**

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

**Data Source**

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Regular clients only.

**Disaggregation:**

1. Sex:
  - a) Male
  - b) Female.
2. Age group:
  - 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**

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Data Element / Data Set**

[Person—sex, code X](#)

**Data Source**

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Comments:**

Census date for reporting is 31 December 2020.

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

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

## Indicator conceptual framework

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

## Data source attributes

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

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**Frequency**

6 monthly

**Data custodian**

Australian Institute of Health and Welfare.

## Accountability attributes

**Reporting requirements:** Funding agreements between the Department of Health and the organisations funded under the Indigenous Australians' Health Programme (IAHP).

**Organisation responsible for providing data:** Indigenous-specific primary health care organisations or maternal and child health programs/services funded by the Department of Health under its Indigenous Australians' Health Programme (IAHP), referred to as funded organisations.

**Accountability:** Australian Institute of Health and Welfare/Department of Health.

## Source and reference attributes

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

## Relational attributes

**Related metadata references:** Supersedes [Indigenous primary health care: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, June 2020](#)

[Health](#), Retired 13/10/2021

[Indigenous](#), Superseded 14/07/2021

Has been superseded by [Indigenous-specific primary health care: PI06b-Proportion of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, June 2021](#)

[Indigenous](#), Superseded 06/11/2022

See also [Indigenous-specific primary health care: PI06a-Number of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2020](#)

[Indigenous](#), Superseded 03/07/2022