

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

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI06b-Proportion of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2020
METEOR identifier:	739353
Registration status:	Indigenous , Standard 14/07/2021
Description:	<p>Proportion of Indigenous regular clients 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">• 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).
Rationale:	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.
Indicator set:	Indigenous-specific primary health care national key performance indicators December 2020 Indigenous , Standard 14/07/2021

Collection and usage attributes

Computation description:	<p>Proportion of Indigenous regular clients 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">• 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). <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>
Computation:	$(\text{Numerator} \div \text{Denominator}) \times 100$

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

[Indigenous-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

[Indigenous-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

[Indigenous-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

[Indigenous-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

[Indigenous-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

[Indigenous-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

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

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Guide for use

Indigenous only.

Data Element / Data Set

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

Data Source

[Indigenous-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

[Indigenous-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

[Indigenous-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

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) 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:

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

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](#), Standard 14/07/2021