

First Nations-specific primary health care: PI06b- Proportion of First Nations regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2023

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First Nations-specific primary health care: PI06b- Proportion of First Nations regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2023

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI06b-Proportion of First Nations regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2023
METEOR identifier:	787957
Registration status:	Indigenous , Superseded 27/04/2024
Description:	<p>Proportion of First Nations regular clients with type 2 diabetes whose glycated haemoglobin (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 First Nations people. Monitoring HbA1c levels plays a key role in diabetes management by providing a longer-term perspective on blood sugar control.
Indicator set:	Aboriginal and Torres Strait Islander specific primary health care national key performance indicators December 2023 Indigenous , Superseded 27/04/2024

Collection and usage attributes

Computation description:	<p>Proportion of First Nations 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 First Nations 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 First Nations 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 First Nations 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 First Nations 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 First Nations 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 First Nations 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 First Nations 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 First Nations 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

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Type 2 diabetes only.

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

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

First Nations 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

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Regular client only.

Data Element / Data Set

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

Data Source

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

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

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.

Denominator:

Calculation A, B, C, D: Total number of First Nations 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 First Nations 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

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Type 2 diabetes only.

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

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

First Nations 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

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Regular clients only.

Data Element / Data Set

[Person—glycated 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

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Glycated haemoglobin measurement result recorded 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

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

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

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Male and female only.

Comments:

Census date for reporting is 31 December 2023.

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

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Relational attributes

Related metadata references:	<p>Supersedes 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 2023 Indigenous, Superseded 25/02/2024</p> <p>Has been superseded by First Nations-specific primary health care: PI06b-Proportion of First Nations regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, June 2024 Indigenous, Standard 27/04/2024</p> <p>See also First Nations-specific primary health care: PI06a-Number of First Nations regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2023 Indigenous, Superseded 27/04/2024</p>
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