

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

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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, June 2021

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, June 2021
METEOR identifier:	747599
Registration status:	Indigenous , Superseded 06/11/2022
Description:	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: • 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Indicator set:	Indigenous-specific primary health care national key performance indicators June 2021 Indigenous , Superseded 06/11/2022

Collection and usage attributes

Computation description:	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: • 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). Presented as a percentage. Exclude type 1 diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose (IFG), impaired glucose tolerance (IGT). Calculated separately for each HbA1c range, for each time period. Include only the most recent HbA1c measurement from each time period. 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.
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

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

NMDS / DSS

[Indigenous-specific primary health care NBEDS June 2021](#)

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 June 2021](#)

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 June 2021](#)

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 June 2021](#)

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 June 2021](#)

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 June 2021](#)

Guide for use

Glycosylated haemoglobin measurement result recorded 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

[Indigenous-specific primary health care NBEDS June 2021](#)

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 June 2021](#)

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 June 2021](#)

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 June 2021](#)

Guide for use

Male and female only.

Comments:

Census date for reporting is 30 June 2021.

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-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 Indigenous, Superseded 03/07/2022 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, December 2021 Indigenous, Superseded 12/06/2023 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, June 2021 Indigenous, Superseded 06/11/2022
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