

First Nations-specific primary health care: PI24b- Proportion of First Nations regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, December 2023

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First Nations-specific primary health care: PI24b- Proportion of First Nations regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, December 2023

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI24b-Proportion of First Nations regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, December 2023
METEOR identifier:	788093
Registration status:	Indigenous , Standard 25/02/2024
Description:	Proportion of First Nations regular clients with type 2 diabetes whose blood pressure measurement result recorded within the previous 6 months was less than or equal to 140/90 mmHg.
Rationale:	People with type 2 diabetes have a higher risk of developing high blood pressure. The RACGP diabetes management guidelines currently recommend a target blood pressure of 140/90 mmHg for people with type 2 diabetes (RACGP 2020). Managing a healthy blood pressure can reduce the risk and slow the progression of chronic conditions, such as cardiovascular disease, nephropathy, and diabetic eye disease.
Indicator set:	Aboriginal and Torres Strait Islander specific primary health care national key performance indicators December 2023 Indigenous , Standard 25/02/2024

Collection and usage attributes

Computation description:	<p>Proportion of First Nations regular clients with type 2 diabetes whose blood pressure measurement result recorded within the previous 6 months was less than or equal to 140/90 mmHg.</p> <p>Presented as a percentage.</p> <p>Blood pressure result: the client does not have a blood pressure measurement of less than or equal to 140/90 mmHg if either the systolic or diastolic reading is above the threshold (140 and 90 respectively).</p> <p>Include: only the most recently recorded result if the client has had more than one blood pressure measurement within the previous 6 months.</p> <p>Exclude: type 1 diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance.</p>
Computation:	$(\text{Numerator} \div \text{Denominator}) \times 100$
Numerator:	Number of First Nations regular clients with type 2 diabetes whose blood pressure measurement result recorded within the previous 6 months was less than or equal to 140/90 mmHg.
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—blood pressure measurement result less than or equal to 140/90 mmHg 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

Response to this is conditional on responding 'yes' to having had a blood pressure measurement result recorded in the previous 6 months.

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.

Denominator:

Total number of First Nations regular clients with type 2 diabetes who had a blood pressure measurement result recorded within the previous 6 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—blood pressure 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

Blood pressure 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

[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.

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

Reference documents: RACGP (The Royal Australian College of General Practitioners) (2020) *Management of type 2 diabetes: A handbook for general practice*, RACGP, East Melbourne.

Relational attributes

Related metadata references:

Supersedes [Indigenous-specific primary health care: PI24b-Proportion of Indigenous regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, June 2023](#)
[Indigenous](#), Superseded 25/02/2024

Has been superseded by [First Nations-specific primary health care: PI24b-Proportion of First Nations regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, June 2024](#)
[Indigenous](#), Qualified 17/04/2024

See also [First Nations-specific primary health care: PI24a-Number of First Nations regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, December 2023](#)
[Indigenous](#), Standard 25/02/2024