

# 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, December 2020

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	PI24b-Proportion of Indigenous regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, December 2020
<b>METEOR identifier:</b>	739483
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Indigenous</a>, Standard 14/07/2021</li></ul>
<b>Description:</b>	Proportion of <a href="#">Indigenous regular clients</a> with type 2 diabetes whose blood pressure measurement result, recorded within the previous 6 months, was less than or equal to 130/80 mmHg.
<b>Rationale:</b>	The blood pressure target for people with type 2 diabetes is less than or equal to 130/80 mmHg. This level is shown to significantly decrease macrovascular (stroke, heart attack and heart failure) and microvascular (kidney disease, eye disease and peripheral neuropathy) complications.
<b>Indicator set:</b>	<a href="#">Indigenous-specific primary health care national key performance indicators December 2020</a> <a href="#">Indigenous</a> , Standard 14/07/2021

## Collection and usage attributes

<b>Computation description:</b>	<p>Proportion of <a href="#">Indigenous regular clients</a> with type 2 diabetes whose blood pressure measurement result, recorded within the previous 6 months, was less than or equal to 130/80 mmHg.</p> <p>Presented as a percentage.</p> <p>Exclude type 1 diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance.</p> <p>The client does not have a blood pressure measurement of less than or equal to 130/80 mmHg if either the systolic or diastolic reading is above the threshold (130 and 80 respectively).</p> <p>In the general population, blood pressure over 140/90 mmHg is considered high. The blood pressure target for those with type 2 diabetes is less than or equal to 130/80 mmHg as it is shown to significantly decrease macrovascular (stroke, heart attack and heart failure) and microvascular (kidney disease, eye disease and peripheral neuropathy) complications.</p> <p>If the client has had more than one blood pressure measurement within the previous 6 months, only the most recently recorded result is included in this calculation.</p>
<b>Computation:</b>	$(\text{Numerator} \div \text{Denominator}) \times 100$
<b>Numerator:</b>	Number of Indigenous regular clients with type 2 diabetes whose blood pressure measurement result, recorded within the previous 6 months, was less than or equal to 130/80 mmHg.

**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—blood pressure measurement result less than or equal to 130/80 mmHg 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**

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—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 clients only.

**Denominator:**

Total number of Indigenous 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**

[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—blood pressure 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**

[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 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: PI24b-Proportion of regular clients with Type II diabetes whose blood pressure measurement result was less than or equal to 130/80 mmHg, June 2020](#)

- [Health](#), Retired 13/10/2021
- [Indigenous](#), Superseded 14/07/2021

See also [Indigenous-specific primary health care: PI24a-Number of Indigenous regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, December 2020](#)

- [Indigenous](#), Standard 14/07/2021