

# **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, 2015-2017**

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# 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, 2015-2017

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	PI24b-Proportion of regular clients with Type II diabetes whose blood pressure measurement result was less than or equal to 130/80 mmHg, 2015-2017
<b>METEOR identifier:</b>	663992
<b>Registration status:</b>	<a href="#">Health</a> , Superseded 25/01/2018 <a href="#">Indigenous</a> , Superseded 27/02/2018
<b>Description:</b>	Proportion of regular clients who are Indigenous, have Type II diabetes and 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 II 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 primary health care key performance indicators (2015-2017)</a> <a href="#">Health</a> , Superseded 25/01/2018 <a href="#">Indigenous</a> , Superseded 27/02/2018

## Collection and usage attributes

<b>Computation description:</b>	<p>Proportion of regular clients who are Indigenous, have Type II diabetes and whose blood pressure measurement result, recorded within the previous 6 months, was less than or equal to 130/80 mmHg.</p> <p>'Regular client' refers to a client of an Australian Government Department of Health-funded primary health care service (that is required to report against the Indigenous primary health care key performance indicators) who has an active medical record; that is, a client who has attended the Department of Health-funded primary health care service at least 3 times in 2 years.</p> <p>Exclude Type I 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 II 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>Presented as a percentage.</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>	$(\text{Numerator} \div \text{Denominator}) \times 100$

**Numerator:** Number of regular clients who are Indigenous, have Type II diabetes and 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 primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care DSS 2015-17](#)

**Guide for use**

Type II diabetes only

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care DSS 2015-17](#)

**Data Element / Data Set**

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

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care DSS 2015-17](#)

**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 primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care DSS 2015-17](#)

**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.

**Denominator:** Total number of regular clients who are Indigenous, have Type II diabetes and 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 primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care DSS 2015-17](#)

**Guide for use**

Type II diabetes only.

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care DSS 2015-17](#)

**Data Element / Data Set**

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

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care DSS 2015-17](#)

**Data Element / Data Set**

[Person—blood pressure measurement result recorded indicator, yes/no code N](#)

**Data Source**

[Indigenous primary health care data collection](#)

**NMDS / DSS**

[Indigenous primary health care DSS 2015-17](#)

**Disaggregation:**

1. Sex:
  - a) Male
  - b) Female
2. Age:
  - 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—sex, code N](#)

#### Data Source

[Indigenous primary health care data collection](#)

#### NMDS / DSS

[Indigenous primary health care DSS 2015-17](#)

### Data Element / Data Set

[Person—age, total years N\[NN\]](#)

#### Data Source

[Indigenous primary health care data collection](#)

#### NMDS / DSS

[Indigenous primary health care DSS 2015-17](#)

## Representational attributes

**Representation class:** Percentage

**Data type:** Real

**Unit of measure:** Person

## Indicator conceptual framework

**Framework and dimensions:** [Effective/Appropriate/Efficient](#)

## Data source attributes

### Data sources:

#### Data Source

[Indigenous primary health care 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, 2015](#)

[Health](#), Superseded 05/10/2016

[Indigenous](#), Superseded 20/01/2017

Has been superseded by [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, 2015-2017](#)

[Health](#), Superseded 17/10/2018

[Indigenous](#), Superseded 17/10/2018

See also [Indigenous primary health care: PI24a-Number of regular clients with Type II diabetes whose blood pressure measurement result was less than or equal to 130/80 mmHg, 2015-2017](#)

[Health](#), Superseded 25/01/2018

[Indigenous](#), Superseded 27/02/2018