

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

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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, June 2020

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI24b-Proportion of regular clients with Type II diabetes whose blood pressure measurement result was less than or equal to 130/80 mmHg, 2020–2021
METEOR identifier:	717368
Registration status:	Health , Retired 13/10/2021 Indigenous , Superseded 14/07/2021
Description:	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.
Rationale:	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.
Indicator set:	Indigenous primary health care key performance indicators June 2020 Health , Retired 13/10/2021 Indigenous , Superseded 14/07/2021

Collection and usage attributes

Computation description:	<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>
Computation:	$(\text{Numerator} \div \text{Denominator}) \times 100$

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 NBEDS 2020–21](#)

Guide for use

Type II 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 primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2020–21](#)

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 primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2020–21](#)

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 NBEDS 2020–21](#)

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 NBEDS 2020–21](#)

Guide for use

Type II diabetes only.

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 NBEDS 2020–21](#)

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[Indigenous primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2020–21](#)

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 NBEDS 2020–21](#)

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 primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2020–21](#)

Data Element / Data Set

[Person—sex, code X](#)

Data Source

[Indigenous primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2020–21](#)

Comments:

This indicator covers a 24 month reporting period from 1 January 2020 to 31 December 2021:

- Indigenous primary health care NBEDS 2019–20 covers the period 01/01/2020 to 30/06/2020
- Indigenous primary health care NBEDS 2020–21 covers the period 01/07/2020 to 30/06/2021
- Indigenous primary health care NBEDS 2021–22 (to be released) will cover the period 01/07/2021 to 31/12/2021.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[N].N

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, 2018-2019](#)

[Health](#), Superseded 16/01/2020

[Indigenous](#), Superseded 14/07/2021

Has been superseded by [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](#)

[Indigenous](#), Superseded 03/07/2022

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, June 2020](#)

[Health](#), Retired 13/10/2021

[Indigenous](#), Superseded 14/07/2021