

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

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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

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, 2015
METEOR identifier:	589085
Registration status:	Health! , Superseded 05/10/2016 Indigenous , Superseded 20/01/2017
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 (2015) Health! , Superseded 05/10/2016 Indigenous , Superseded 20/01/2017

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 OATSIH-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 OATSIH-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 in the last 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 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

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, 2014](#)

[Health!](#), Superseded 13/03/2015

[Indigenous](#), Superseded 13/03/2015

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 25/01/2018

[Indigenous](#), Superseded 27/02/2018

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](#)

[Health!](#), Superseded 05/10/2016

[Indigenous](#), Superseded 20/01/2017