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

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, 2015-2017
METEOR identifier:	686385
Registration status:	Health, Superseded 17/10/2018 Indigenous, Superseded 17/10/2018
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Indicator set:	Indigenous primary health care key performance indicators (2015-2017) Health, Superseded 17/10/2018 Indigenous, Superseded 17/10/2018

Collection and usage attributes

Computation 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. '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. Exclude Type I diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance. 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). 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. Presented as a percentage. 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.
Computation:	(Numerator ÷ Denominator) x 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 2017–18

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 2017–18

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 2017–18

Guide for use

The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.

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 2017–18

Guide for use

The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.

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 2017–18

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 2017–18

Data Element / Data Set

Person—Indigenous status, code N

Data Source

Indigenous primary health care data collection

NMDS / DSS

Indigenous primary health care NBEDS 2017–18

Guide for use

The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.

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 2017–18

Guide for use

The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.

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—age, total years N[NN]

Data Source

Indigenous primary health care data collection

NMDS / DSS

Indigenous primary health care NBEDS 2017–18

Data Element / Data Set

Person—sex, code X

Data Source

Indigenous primary health care data collection

NMDS / DSS

Indigenous primary health care NBEDS 2017–18

Guide for use

The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.

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, 2015-2017
Health, Superseded 25/01/2018
Indigenous, Superseded 27/02/2018

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, 2018-2019
Health, Superseded 16/01/2020
Indigenous, Superseded 14/07/2021

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 17/10/2018
Indigenous, Superseded 17/10/2018