Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2013

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Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2013

Identifying and definitional attributes

Metadata item type: Indicator

Indicator type: Output measure

Short name: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2013

METEOR identifier: 468098

Registration status: Health, Superseded 21/11/2013
Indigenous, Superseded 21/11/2013

Description: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within either the previous 6 months or 12 months, was categorised as one of the following:

- less than or equal to 7%;
- greater than 7% but less than or equal to 8%;
- greater than 8% but less than 10% or;
- greater than or equal to 10%

Rationale: Chronic diseases, such as diabetes, are a major cause of morbidity and mortality among Aboriginal and Torres Strait Islander people. Monitoring glycosylated haemoglobin (HbA1c) levels plays a key role in the management of the disease.

Indicator set: Indigenous primary health care key performance indicators (2013)
Health, Superseded 21/11/2013
Indigenous, Superseded 21/11/2013

Collection and usage attributes

Computation description: Count of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within either the previous 6 months or 12 months, was categorised as one of the following:

- less than or equal to 7%;
- greater than 7% but less than or equal to 8%;
- greater than 8% but less than 10% or;
- greater than or equal to 10%

'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.

HbA1c: glycosylated haemoglobin.

Exclude Type I diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance.

Presented as a number.

Calculated separately for each HbA1c range, for each time period.

Include only the most recent HbA1c measurement result from each time period.

Computation: Numerator only

Numerator:

Calculation A: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded in the previous 6 months, was less than or equal to 7%.

Calculation B: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded in the previous 6 months, was greater than 7% but less than or equal to 8%.

Calculation C: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded in the previous 6 months, was greater than 8% but less than 10%.

Calculation D: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded in the previous 6 months, was greater than or equal to 10%.

Calculation E: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded in the previous 12 months, was less than or equal to 7%.

Calculation F: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded in the previous 12 months, was greater than 7% but less than or equal to 8%.

Calculation G: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded in the previous 12 months, was greater than 8% but less than 10%.

Calculation H: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded in the previous 12 months, was greater than or equal to 10%.

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 2012-14

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 2012-14

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 2012-14

Data Element / Data Set

Person—glycosylated haemoglobin level, code N

Data Source

Indigenous primary health care data collection

NMDS / DSS

Indigenous primary health care DSS 2012-14

Guide for use

Response to this is conditional on responding 'yes' to having had an HbA1c measurement result recorded in either the previous 6 months or 12 months.

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 2012-14

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 2012-14

Representational attributes

Representation class: Count

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 (AIHW)

Department of Health and Ageing (DoHA)

Relational attributes

Related metadata references:

Supersedes Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2012
Health, Superseded 23/02/2012

Has been superseded by Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2014
Health, Superseded 13/03/2015
Indigenous, Superseded 13/03/2015

See also Indigenous primary health care: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2013
Health, Superseded 21/11/2013
Indigenous, Superseded 21/11/2013