

First Nations-specific primary health care: PI18b- Proportion of First Nations regular clients with a selected chronic disease who have a kidney function test result recorded, December 2023

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First Nations-specific primary health care: PI18b- Proportion of First Nations regular clients with a selected chronic disease who have a kidney function test result recorded, December 2023

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI18b-Proportion of First Nations regular clients with a selected chronic disease who have a kidney function test result recorded, December 2023
METEOR identifier:	788046
Registration status:	Indigenous , Superseded 27/04/2024
Description:	Proportion of First Nations regular clients aged 18 and over with a selected chronic disease who had a specified kidney function test recorded.
Indicator set:	Aboriginal and Torres Strait Islander specific primary health care national key performance indicators December 2023 Indigenous , Superseded 27/04/2024

Collection and usage attributes

Population group age from:	18 years and over.
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Computation description: Proportion of First Nations regular clients aged 18 and over with:

- type 2 diabetes
- cardiovascular disease (CVD)
- type 2 diabetes AND/OR CVD

who had:

- both an estimated glomerular filtration rate (eGFR) AND an albumin/creatinine ratio (ACR) test result recorded
- only an eGFR test result recorded
- only an ACR test result recorded
- neither an eGFR NOR an ACR test result recorded

within the previous 12 months.

Presented as a percentage.

Calculated separately for the specified chronic disease and test recorded categories.

Type 2 diabetes AND/OR CVD includes clients with:

- type 2 diabetes only
- CVD only
- type 2 diabetes and CVD.

Count clients with either or both of these conditions once only. For example, count a client with both type 2 diabetes and CVD once, not twice.

Test result recorded: to count a test as recorded, a valid test result must be entered in the test result field of the Clinical Information System (CIS). A valid test result is a numeric value that can be used to classify test results into the risk categories specified in the relevant national guidelines (see Kidney Health Australia 2020 for risk categories; see also PI19). Negative, non-numerical and null values are not considered to be valid results (that is, are invalid). Records with an invalid result recorded should be assigned to either the 'only an eGFR test result recorded', 'only an ACR test result recorded' or 'neither an eGFR nor an ACR test result recorded' as appropriate. It is acknowledged that inclusion of only valid test results may undercount the number of tests that were conducted, for example, because of known issues with pathology recording and uploading.

Test result recorded categories consist of:

- Both an eGFR AND an ACR test result recorded: a valid eGFR result recorded AND a valid ACR result recorded.
- Only an eGFR test result recorded: a valid eGFR result recorded AND a valid ACR result *not* recorded.
- Only an ACR test result recorded: a valid ACR result recorded AND a valid eGFR result *not* recorded.
- Neither an eGFR nor an ACR test result recorded: a valid eGFR result *not* recorded AND a valid ACR *not* recorded.

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

Numerator:

Calculation A: Number of First Nations regular clients aged 18 and over with type 2 diabetes who had both an eGFR AND an ACR test result recorded within the previous 12 months.

Calculation B: Number of First Nations regular clients aged 18 and over with type 2 diabetes who had only an eGFR test result recorded within the previous 12 months.

Calculation C: Number of First Nations regular clients aged 18 and over with type 2 diabetes who had only an ACR test result recorded within the previous 12 months.

Calculation D: Number of First Nations regular clients aged 18 and over with type 2 diabetes who had neither an eGFR NOR an ACR test result recorded within the previous 12 months.

Calculation E: Number of First Nations regular clients aged 18 and over with CVD who had both an eGFR AND an ACR test result recorded within the previous 12 months.

Calculation F: Number of First Nations regular clients aged 18 and over with CVD who had only an eGFR test result recorded within the previous 12 months.

Calculation G: Number of First Nations regular clients aged 18 and over with CVD who had only an ACR test result recorded within the previous 12 months.

Calculation H: Number of First Nations regular clients aged 18 and over with CVD who had neither an eGFR NOR an ACR test result recorded within the previous 12 months.

Calculation I: Number of First Nations regular clients aged 18 and over with type 2 diabetes AND/OR CVD who had both an eGFR AND an ACR test result recorded within the previous 12 months.

Calculation J: Number of First Nations regular clients aged 18 and over with type 2 diabetes AND/OR CVD who had only an eGFR test result recorded within the previous 12 months.

Calculation K: Number of First Nations regular clients aged 18 and over with type 2 diabetes AND/OR CVD who had only an ACR test result recorded within the previous 12 months.

Calculation L: Number of First Nations regular clients aged 18 and over with type 2 diabetes AND/OR CVD who had neither an eGFR NOR an ACR test result recorded within the previous 12 months.

Numerator data elements:**Data Element / Data Set**

[Person—diabetes mellitus status, code NN](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Type 2 diabetes only.

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Aged 18 and over only.

Data Element / Data Set

[Person—estimated glomerular filtration rate \(eGFR\) recorded indicator, yes/no code N](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Data Element / Data Set

[Person—microalbumin urine test result recorded indicator, yes/no code N](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Data Element / Data Set

[Person—cardiovascular disease recorded indicator, yes/no code N](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

First Nations only.

Denominator:

Denominator data elements:

Data Element / Data Set

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

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Regular clients only.

Calculation A, B, C and D: Total number of First Nations regular clients aged 18 and over with type 2 diabetes.

Calculation E, F, G and H: Total number of First Nations regular clients aged 18 and over with CVD.

Calculation I, J, K and L: Total number of First Nations regular clients aged 18 and over with type 2 diabetes AND/OR CVD.

Data Element / Data Set

[Person—diabetes mellitus status, code NN](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Type 2 diabetes only.

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Aged 18 and over only.

Data Element / Data Set

[Person—cardiovascular disease recorded indicator, yes/no code N](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

First Nations only.

Data Element / Data Set

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

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Regular clients only.

Disaggregation:

1. Sex:
 - a) Male
 - b) Female.
2. Age group:
 - a) 18–24 years
 - b) 25–34 years
 - c) 35–44 years
 - d) 45–54 years
 - e) 55–64 years
 - f) 65 years and over.

Disaggregation data elements:

Data Element / Data Set

[Person—age, total years N\[NN\]](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Aged 18 and over only.

Data Element / Data Set

[Person—sex, code X](#)

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

NMDS / DSS

[Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

Guide for use

Male and female only.

Comments:

Census date for reporting is 31 December 2023.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: N[NN].N

Data source attributes

Data sources:

Data Source

[Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

Frequency

6 monthly

Data custodian

Australian Institute of Health and Welfare.

Accountability attributes

Reporting requirements: Funding agreements between the Department of Health and Aged Care and the organisations funded under the Indigenous Australians' Health Programme (IAHP).

Organisation responsible for providing data: First Nations-specific primary health care organisations or maternal and child health programs/services funded by the Department of Health and Aged Care under its IHP, referred to as [funded organisations](#).

Accountability: Australian Institute of Health and Welfare/Department of Health and Aged Care

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Reference documents: Kidney Health Australia (2020) [Chronic Kidney Disease \(CKD\) management in primary care](#), 4th edn, Kidney Health Australia, Melbourne, accessed 20 December 2021.

Relational attributes

Related metadata references:

Supersedes [Indigenous-specific primary health care: PI18b-Proportion of Indigenous regular clients with a selected chronic disease who have a kidney function test result recorded, June 2023](#)
[Indigenous](#), Superseded 25/02/2024

Has been superseded by [First Nations-specific primary health care: PI18b-Proportion of First Nations regular clients with a selected chronic disease who have a kidney function test result recorded, June 2024](#)
[Indigenous](#), Standard 27/04/2024

See also [First Nations-specific primary health care: PI18a-Number of First Nations regular clients with a selected chronic disease who have a kidney function test result recorded, December 2023](#)
[Indigenous](#), Superseded 27/04/2024