

# **Indigenous-specific primary health care: PI19b- Proportion of Indigenous regular clients with a selected chronic disease who have a kidney function test result within a specified level, June 2021**

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# Indigenous-specific primary health care: PI19b- Proportion of Indigenous regular clients with a selected chronic disease who have a kidney function test result within a specified level, June 2021

## Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	PI19b-Proportion of Indigenous regular clients with a selected chronic disease who have a kidney function test result within a specified level, June 2021
METEOR identifier:	747490
Registration status:	<a href="#">Indigenous</a> , Standard 03/07/2022
Description:	<p>Proportion of <a href="#">Indigenous regular clients</a>, aged 15 and over, with type 2 diabetes or cardiovascular disease (CVD) who had an estimated glomerular filtration rate (eGFR) recorded within the previous 12 months with a result of (ml/min/1.73m<sup>2</sup>):</p> <ul style="list-style-type: none"><li>• greater than or equal to 90</li><li>• greater than or equal to 60 but less than 90</li><li>• greater than or equal to 45 but less than 60</li><li>• greater than or equal to 30 but less than 45</li><li>• greater than or equal to 15 but less than 30 or</li><li>• less than 15.</li></ul> <p>OR the proportion of male Indigenous regular clients aged 15 and over with type 2 diabetes who had an albumin/creatinine ratio (ACR) recorded within the previous 12 months with a result of (mg/mmol):</p> <ul style="list-style-type: none"><li>• less than 2.5</li><li>• greater than or equal to 2.5 but less than or equal to 25</li><li>• greater than 25.</li></ul> <p>OR the proportion of female Indigenous regular clients aged 15 and over with type 2 diabetes who had an albumin/creatinine ratio (ACR) recorded within the previous 12 months with a result of (mg/mmol):</p> <ul style="list-style-type: none"><li>• less than 3.5</li><li>• greater than or equal to 3.5 but less than or equal to 35</li><li>• greater than 35.</li></ul>

Rationale:	Indigenous Australians have very high levels of kidney disease due to a range of risk factors and antecedents. Kidney disease contributes substantially to the high burden of ill health experienced by Indigenous Australians. Tests of a person's urine and blood can identify most cases of chronic kidney disease when the disease is in its early stages, enabling treatment to prevent or slow down the progression. Glomerular filtration rate and albumin/creatinine ratio are accepted as the best measures of kidney disease.
Indicator set:	<a href="#">Indigenous-specific primary health care national key performance indicators June 2021</a> <a href="#">Indigenous</a> , Superseded 06/11/2022

## Collection and usage attributes

Population group age from:	15 years and over.
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**Computation description:** Proportion of **Indigenous regular clients**, aged 15 and over with type 2 diabetes or CVD who had an eGFR recorded within the previous 12 months with a result of (ml/min/1.73m<sup>2</sup>):

- greater than or equal to 90
- greater than or equal to 60 but less than 90
- greater than or equal to 45 but less than 60
- greater than or equal to 30 but less than 45
- greater than or equal to 15 but less than 30 or
- less than 15.

OR the proportion of male Indigenous regular clients aged 15 and over with type 2 diabetes who had an albumin/creatinine ratio (ACR) recorded within the previous 12 months with a result of (mg/mmol):

- less than 2.5
- greater than or equal to 2.5 but less than or equal to 25
- greater than 25.

OR the proportion of female Indigenous regular clients aged 15 and over, with type 2 diabetes and who had an albumin/creatinine ratio (ACR) recorded within the previous 12 months with a result of (mg/mmol):

- less than 3.5
- greater than or equal to 3.5 but less than or equal to 35
- greater than 35.

Presented as a percentage.

**Computation:** (Numerator ÷ Denominator) x 100

**Numerator:** Calculation A: Number of Indigenous regular clients aged 15 and over with type 2 diabetes who had an eGFR recorded within the previous 12 months with a result of greater than or equal to 90.

Calculation B: Number of Indigenous regular clients aged 15 and over with type 2 diabetes who had an eGFR recorded within the previous 12 months with a result of greater than or equal to 60 but less than 90.

Calculation C: Number of Indigenous regular clients aged 15 and over with type 2 diabetes who had an eGFR recorded within the previous 12 months with a result of greater than or equal to 45 but less than 60.

Calculation D: Number of Indigenous regular clients aged 15 and over with type 2 diabetes who had an eGFR recorded within the previous 12 months with a result of greater than or equal to 30 but less than 45.

Calculation E: Number of Indigenous regular clients aged 15 and over with type 2 diabetes who had an eGFR recorded within the previous 12 months with a result of greater than or equal to 15 but less than 30.

Calculation F: Number of Indigenous regular clients aged 15 and over with type 2 diabetes who had an eGFR recorded within the previous 12 months with a result of less than 15.

Calculation G: Number of Indigenous regular clients aged 15 and over with CVD who had an eGFR recorded within the previous 12 months with a result of greater than or equal to 90.

Calculation H: Number of Indigenous regular clients aged 15 and over with CVD who had an eGFR recorded within the previous 12 months with a result of greater than or equal to 60 but less than 90.

Calculation I: Number of Indigenous regular clients aged 15 and over with CVD who had an eGFR recorded within the previous 12 months with a result of greater than or equal to 45 but less than 60.

Calculation J: Number of Indigenous regular clients aged 15 and over with CVD who had an eGFR recorded within the previous 12 months with a result of greater than or equal to 30 but less than 45.



Calculation K: Number of Indigenous regular clients aged 15 and over with CVD who had an eGFR recorded within the previous 12 months with a result of greater than or equal to 15 but less than 30.

Calculation L: Number of Indigenous regular clients aged 15 and over with CVD who had an eGFR recorded within the previous 12 months with a result of less than 15.

Calculation M: Number of male Indigenous regular clients aged 15 and over with type 2 diabetes who had an ACR recorded within the previous 12 months with a result of less than 2.5.

Calculation N: Number of male Indigenous regular clients aged 15 and over with type 2 diabetes who had an ACR recorded within the previous 12 months with a result of greater than or equal to 2.5 but less than or equal to 25.

Calculation O: Number of male Indigenous regular clients aged 15 and over with type 2 diabetes who had an ACR recorded within the previous 12 months with a result of greater than 25.

Calculation P: Number of female Indigenous regular clients aged 15 and over with type 2 diabetes who had an ACR recorded within the previous 12 months with a result of less than 3.5.

Calculation Q: Number of female Indigenous regular clients aged 15 and over with type 2 diabetes who had an ACR recorded within the previous 12 months with a result of greater than or equal to 3.5 but less than or equal to 35.

Calculation R: Number of female Indigenous regular clients aged 15 and over with type 2 diabetes who had an ACR recorded within the previous 12 months with a result of greater than 35.

**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**

[Indigenous-specific primary health care NBEDS June 2021](#)

**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**

[Indigenous-specific primary health care NBEDS June 2021](#)

**Guide for use**

Aged 15 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

[Indigenous-specific primary health care NBEDS June 2021](#)

#### Data Element / Data Set

[Person—estimated glomerular filtration rate \(eGFR\) result, code N\[A\]](#)

Data Source

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

NMDS / DSS

[Indigenous-specific primary health care NBEDS June 2021](#)

Guide for use

For the purposes of this indicator, categories 1 (eGFR greater than or equal to 90) and 2 (eGFR greater than or equal to 60 but less than 90) of this data element are often combined into a single category for analysis, i.e. eGFR greater than or equal to 60.

#### 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

[Indigenous-specific primary health care NBEDS June 2021](#)

Guide for use

Indigenous 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

[Indigenous-specific primary health care NBEDS June 2021](#)

Guide for use

Male and female 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



[Indigenous-specific primary health care NBEDS June 2021](#)

**Guide for use**

Regular clients only.

**Data Element / Data Set**

[Person—albumin/creatinine ratio \(ACR\) result, code N](#)

**Data Source**

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

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS June 2021](#)

**Denominator:**

Calculation A, B, C, D, E and F: Total number of Indigenous regular clients aged 15 and over with type 2 diabetes who had an eGFR result recorded within the previous 12 months.

Calculation G, H, I, J, K and L: Total number of Indigenous regular clients aged 15 and over with CVD who had an eGFR result recorded within the previous 12 months.

Calculation M, N and O: Total number of male Indigenous regular clients aged 15 and over with type 2 diabetes who had an ACR recorded within the previous 12 months.

Calculation P, Q and R: Total number of female Indigenous regular clients aged 15 and over with type 2 diabetes who had an ACR recorded within the previous 12 months.

**Denominator 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**

[Indigenous-specific primary health care NBEDS June 2021](#)

**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**

[Indigenous-specific primary health care NBEDS June 2021](#)

**Guide for use**

Aged 15 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**

[Indigenous-specific primary health care NBEDS June 2021](#)

**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**

[Indigenous-specific primary health care NBEDS June 2021](#)

**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**

[Indigenous-specific primary health care NBEDS June 2021](#)

**Guide for use**

Indigenous 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**

[Indigenous-specific primary health care NBEDS June 2021](#)

**Guide for use**

Male and female 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**



**Disaggregation:**

**Disaggregation data elements:**

[Indigenous-specific primary health care NBEDS June 2021](#)

**Guide for use**

Regular clients only.

**Data Element / Data Set**

[Person—albumin/creatinine ratio \(ACR\) result, code N](#)

**Data Source**

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

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS June 2021](#)

1. Sex:

- a) Male
- b) Female.

2. Age group:

- a) 15–24 years
- b) 25–34 years
- c) 35–44 years
- d) 45–54 years
- e) 55–64 years
- f) 65 years and over.

**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**

[Indigenous-specific primary health care NBEDS June 2021](#)

**Guide for use**

Aged 15 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**

[Indigenous-specific primary health care NBEDS June 2021](#)

**Guide for use**

Male and female only.

**Comments:**

Census date for reporting is 30 June 2021.

**Representational attributes**

**Representation class:**

Percentage



**Data type:** Real  
**Unit of measure:** Person  
**Format:** N[NN].N

## Indicator conceptual framework

**Framework and dimensions:** [Effective/Appropriate/Efficient](#)

## 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 the organisations funded under the Indigenous Australians' Health Programme (IAHP).

**Organisation responsible for providing data:** Indigenous-specific primary health care organisations or maternal and child health programs/services funded by the Department of Health under its Indigenous Australians' Health Programme (IAHP), referred to as [funded organisations](#)

**Accountability:** Australian Institute of Health and Welfare/Department of Health

## Source and reference attributes

**Submitting organisation:** Australian Institute of Health and Welfare

## Relational attributes

**Related metadata references:** Supersedes [Indigenous-specific primary health care: PI19b-Proportion of Indigenous regular clients with a selected chronic disease who have a kidney function test result within specified levels, December 2020](#)  
[Indigenous](#), Superseded 03/07/2022

Has been superseded by [Indigenous-specific primary health care: PI19b-Proportion of Indigenous regular clients with a selected chronic disease who have a kidney function result within a specified category, June 2022](#)  
[Indigenous](#), Superseded 27/08/2023

See also [Indigenous-specific primary health care: PI19a-Number of Indigenous regular clients with a selected chronic disease who have a kidney function test result within a specified level, June 2021](#)  
[Indigenous](#), Standard 03/07/2022