

# **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**

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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 specified levels, December 2020

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	PI19b-Proportion of Indigenous regular clients with a selected chronic disease who have a kidney function test result within specified levels, December 2020
<b>METEOR identifier:</b>	739454
<b>Registration status:</b>	<a href="#">Indigenous</a> , Standard 14/07/2021

**Description:** Proportion of **Indigenous regular clients**, 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>):

- 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 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.

**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 and albumin/creatinine ratio rate are accepted as the best measures of kidney disease.

**Indicator set:** [Indigenous-specific primary health care national key performance indicators December 2020](#)  
[Indigenous](#), Standard 14/07/2021

## Collection and usage attributes

**Population group age from:** 15 years and over.

**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**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Type 2 diabetes only.

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Aged 15 and over only.

**Data Element / Data Set**

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

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Data Element / Data Set**

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

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**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**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Indigenous only.

**Data Element / Data Set**

[Person—sex, code X](#)

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Data Element / Data Set**

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

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Regular clients only.

**Data Element / Data Set**

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

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**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**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Type 2 diabetes only.

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**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**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Data Element / Data Set**

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

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Indigenous only.

**Data Element / Data Set**

[Person—sex, code X](#)

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Data Element / Data Set**

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

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Regular clients only.

**Data Element / Data Set**

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

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Disaggregation:**

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.



**Disaggregation data elements:**

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Guide for use**

Aged 15 and over only.

**Data Element / Data Set**

[Person—sex, code X](#)

**Data Source**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) data collection](#)

**NMDS / DSS**

[Indigenous-specific primary health care NBEDS December 2020](#)

**Comments:** Census date for reporting is 31 December 2020.

### 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**

[Indigenous-specific primary health care national Key Performance Indicators \(nKPI\) 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: P119b-Proportion of regular clients with a selected chronic disease who have had a kidney function test with results within specified levels, June 2020](#)

[Health!](#), Retired 13/10/2021

[Indigenous](#), Superseded 14/07/2021

See also [Indigenous-specific primary health care: P119a-Number of Indigenous regular clients with a selected chronic disease who have a kidney function test result within specified levels, December 2020](#)

[Indigenous](#), Standard 14/07/2021