Indigenous primary health care: PI19a-Number of regular clients with a selected chronic disease who have had a kidney function test with results within specified levels, 2018-2019

Exported from METEOR (AIHW's Metadata Online Registry)

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Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Output measure
Short name:	PI19a-Number of regular clients with a selected chronic disease who have had a kidney function test with results within specified levels, 2018-2019
METEOR identifier:	688000
Registration status:	Health, Superseded 16/01/2020
	Indigenous, Superseded 14/07/2021
Description:	Number of regular clients who are Indigenous, aged 15 and over, who are recorded as having Type II diabetes or cardiovascular disease (CVD) and who have had an estimated glomerular filtration rate (eGFR) recorded within the previous 12 months with a result of (ml/min/1.73m²):

- 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 number of regular clients who are male, Indigenous, aged 15 and over, who are recorded as having Type II diabetes and who have 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 number of regular clients who are female, Indigenous, aged 15 and over, who are recorded as having Type II diabetes and who have 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 primary health care key performance indicators 2018-2019
	Health, Superseded 16/01/2020
	Indigenous, Superseded 14/07/2021

Collection and usage attributes

Population group age from:	15 years

Computation description: Count of regular clients who are Indigenous, aged 15 and over, who are recorded as having Type II diabetes or CVD and who have had an eGFR recorded within the previous 12 months with a result of (ml/min/1.73m²):

- 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 count of regular clients who are male, Indigenous, aged 15 and over, who are recorded as having Type II diabetes and who have 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 count of regular clients who are female, Indigenous, aged 15 and over, who are recorded as having Type II diabetes and who have 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

'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.

Presented as a number.

Computation: Numerator only

Numerator: Calculation A: Number of regular clients who are Indigenous, aged 15 and over, are recorded as having Type II diabetes and who have had an eGFR recorded within the previous 12 months with a result of greater than or equal to 90.

Calculation B: Number of regular clients who are Indigenous, aged 15 and over, are recorded as having Type II diabetes and who have 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 regular clients who are Indigenous, aged 15 and over, are recorded as having Type II diabetes and who have 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 regular clients who are Indigenous, aged 15 and over, are recorded as having Type II diabetes and 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 regular clients who are Indigenous, aged 15 and over, are recorded as having Type II diabetes and 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 regular clients who are Indigenous, aged 15 and over, are recorded as having Type II diabetes and who have had an eGFR recorded within the previous 12 months with a result of less than 15.

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

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

Calculation M: Number of regular clients who are male, Indigenous, aged 15 and over, are recorded as having Type II diabetes and who have had an ACR recorded within the previous 12 months with a result of less than 2.5.

Calculation N: Number of regular clients who are male, Indigenous, aged 15 and over, are recorded as having Type II diabetes and who have 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 regular clients who are male, Indigenous, aged 15 and over, are recorded as having Type II diabetes and who have had an ACR recorded within the previous 12 months with a result of greater than 25.

Calculation P: Number of regular clients who are female, Indigenous, aged 15 and over, are recorded as having Type II diabetes and who have had an ACR recorded within the previous 12 months with a result of less than 3.5.

Calculation Q: Number of regular clients who are female, Indigenous, aged 15 and over, are recorded as having Type II diabetes and who have 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 regular clients who are female, Indigenous, aged 15 and over, are recorded as having Type II diabetes and who have 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 primary health care data collection

NMDS / DSS

Indigenous primary health care NBEDS 2018–19

Guide for use

Type II diabetes only.

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 2018–19

Data Element / Data Set

Person—cardiovascular disease recorded indicator, yes/no code N

Data Source

[Indigenous primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2018–19](#)

Data Element / Data Set

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

Data Source

[Indigenous primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2018–19](#)

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 to be combined into a single category, i.e. eGFR greater than or equal to 60.

Data Element / Data Set

[Person—Indigenous status, code N](#)

Data Source

[Indigenous primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2018–19](#)

Data Element / Data Set

[Person—sex, code X](#)

Data Source

[Indigenous primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2018–19](#)

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 2018–19](#)

Data Element / Data Set

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

Data Source

[Indigenous primary health care data collection](#)

| | **NMDS / DSS** |
| | [Indigenous primary health care NBEDS 2018–19](#) |

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 primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2018–19](#)

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┌─ **Data Element / Data Set** ─────────────────────────

[Person—sex, code X](#)

Data Source

[Indigenous primary health care data collection](#)

NMDS / DSS

[Indigenous primary health care NBEDS 2018–19](#)

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Representational attributes

Representation class:	Count
Data type:	Real
Unit of measure:	Person
Format:	N[N(6)]

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.

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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: PI19a-Number of regular clients with a selected chronic disease who have had a kidney function test with results within specified levels, 2015-2017](#)
[Health](#), Superseded 17/10/2018
[Indigenous](#), Superseded 17/10/2018

Has been superseded by [Indigenous primary health care: PI19a-Number 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 primary health care: PI19b-Proportion of regular clients with a selected chronic disease who have had a kidney function test with results within specified levels, 2018-2019](#)
[Health](#), Superseded 16/01/2020
[Indigenous](#), Superseded 14/07/2021