

Practice Incentives Program Quality Improvement: 08 Proportion of regular clients with the necessary risk factors assessed to enable CVD assessment, 2020

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Practice Incentives Program Quality Improvement: 08 Proportion of regular clients with the necessary risk factors assessed to enable CVD assessment, 2020

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	QIM - 08 Proportion of regular clients with the necessary risk factors assessed to enable CVD assessment, 2020
METEOR identifier:	729809
Registration status:	Health! , Recorded 05/01/2021
Description:	Proportion of regular clients aged 45 to 74 years with information available to calculate their absolute CVD risk.
Rationale:	Assessment of absolute CVD risk based on multiple risk factors is more accurate than that based on individual risk factors due to the cumulative nature of risk effects. Basing patient management decisions on this approach should improve CVD outcomes.
Indicator set:	Practice Incentives Program Quality Improvement (PIP QI), 2020 Health! , Recorded 05/01/2021

Collection and usage attributes

Population group age from:	45
Population group age to:	74

Computation description: Proportion of regular clients aged 45 to 74 years, without an existing recorded diagnosis of CVD who have had all of the following information recorded:

- Tobacco smoking
- Diabetes
 - Diabetes status: Type 1 or Type 2 Diabetes or a diagnosis which indicates diabetes but does not specify between Type 1 and Type 2
 - Diabetes risk: Fasting Glucose Test result, or a screening for glycosylated haemoglobin (HbA1c test result)
- Systolic blood pressure
- Total cholesterol and HDL cholesterol levels
- Age
- Sex.

Operationalisation of tobacco smoking status, cholesterol levels, sex and age

- Where a regular client's tobacco smoking status does not have an assessment date assigned within the Clinical Information System (CIS), tobacco smoking status as recorded in the CIS should be treated as current (i.e. as having been updated within the previous 12 months).
- Where a regular client's total cholesterol and HDL cholesterol levels does not have an assessment date assigned within the Clinical Information System (CIS), it should be treated as current (i.e. as having been updated in accordance with RACGP Red Book guidelines).
- If the client has an Indigenous Status of 1 (Aboriginal), 2 (Torres Strait Islander) or 3 (both Aboriginal and Torres Strait Islander), clients in the age group 35 and 44 should also be included in this report.

Exclude clients from the calculation if they refused measurement.

Regular clients who have a recorded diagnosis of CVD should be EXCLUDED.

Regular clients without known CVD should be EXCLUDED if information is not recorded for ALL risk factors. Include Aboriginal and Torres Strait Islanders aged 35-74 years.

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

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

Numerator: Numerator A: Number of regular clients aged 45 to 74 years, who have had all of the following information recorded:

- Tobacco smoking
- Diabetes:
 - Type 1 or Type 2 Diabetes
 - a diagnosis which indicates diabetes but does not specify between Type 1 and Type 2, or a Fasting Glucose Test result, OR
 - a screening for glycosylated haemoglobin (HbA1c test result).
- Systolic blood pressure
- Total cholesterol and HDL cholesterol levels
- Age
- Sex.

Numerator B: Number of Indigenous regular clients aged 35 to 44 years, who have all the following information recorded:

- Tobacco smoking
- Diabetes:
 - Type 1 or Type 2 Diabetes
 - a diagnosis which indicates diabetes but does not specify between Type 1 and Type 2 or a Fasting Glucose Test result, OR
 - a screening for glycosylated haemoglobin (HbA1c test result).
- Systolic blood pressure
- Total cholesterol and HDL cholesterol levels
- Age
- Sex.

Numerator data elements:

Data Element / Data Set

Primary Health Networks - Age

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - Total cholesterol measurement result recorded indicator

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - Diabetes status

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - Cardiovascular disease recorded indicator
NB: This indicator is used for the purposes of excluding clients with a coded diagnosis of CVD

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - Fasting glucose result measurement indicator

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - HbA1c measurement result recorded indicator

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Quarterly

Data Element / Data Set

Primary Health Networks - HDL cholesterol measurement result recorded indicator

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - Regular client indicator

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - Sex

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - Systolic blood pressure measurement result recorded indicator

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - Tobacco smoking status

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Denominator:

Denominator A: Total number of regular clients, aged 45 to 74 years.

Denominator B: Total number of regular indigenous clients, aged 35 to 44.

Denominator data elements:

Data Element / Data Set

Primary Health Networks - Age

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

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Data Element / Data Set

Primary Health Networks - Cardiovascular disease recorded indicator
NB: This indicator is used for the purposes of excluding of clients with a coded diagnosis of CVD

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - Regular client indicator

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Data Element / Data Set

Primary Health Networks - Sex

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Disaggregation:

Disaggregation of data will be reported quarterly by:

- Sex
- Age group
- Indigenous status

Disaggregation data elements:

Data Element / Data Set

Primary Health Networks - Age - total years

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

Guide for use

Quarterly

Data Element / Data Set

Primary Health Networks - Indigenous status

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

Guide for use

Quarterly

Data Element / Data Set

Primary Health Networks - Sex

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

[Practice incentives program eligible data set NBEDS 2020–21](#)

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Representational attributes

Representation class: Proportion

Data type: Real

Unit of measure: Person

Data source attributes

Data sources:

Data Source

[Participating Practice Clinical Information System](#)

Frequency

Quarterly

Data custodian

Australian Institute of Health and Welfare

Source and reference attributes

Submitting organisation: The Australian Institute of Health and Welfare

Steward: [Australian Institute of Health and Welfare](#)

Origin: Department of Health 2020a. PIP QI Incentive Guidance. Department of Health, Canberra. Viewed 29 May 2020, https://www1.health.gov.au/internet/main/publishing.nsf/Content/PIP-QI_Incentive_guidance

Reference documents: Department of Health 2019. Practice Incentives Program Eligible Data Set Data Governance Framework. Department of Health, Canberra. Viewed 29 May 2020, [https://www1.health.gov.au/internet/main/publishing.nsf/Content/46506AF50A4824B6CA25848600113FFF/\\$File/Practice%20Incentives%20Program%20Eligible%20Data%20Set%20Data%20Governance%20Framework.pdf](https://www1.health.gov.au/internet/main/publishing.nsf/Content/46506AF50A4824B6CA25848600113FFF/$File/Practice%20Incentives%20Program%20Eligible%20Data%20Set%20Data%20Governance%20Framework.pdf)

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Relational attributes

Related metadata references: See also [Practice incentives program eligible data set NBEDS 2020–21 Health!](#), Recorded 05/01/2021