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

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| 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](https://meteor.aihw.gov.au/RegistrationAuthority/12), 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](https://meteor.aihw.gov.au/content/729603)[Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Recorded 05/01/2021 |

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| 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: | (Numerator A ÷ Denominator A) x 100(Numerator B ÷ Denominator B) x 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.
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| Numerator data elements: | **Data Element / Data Set**Primary Health Networks - Age**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Total cholesterol measurement result recorded indicator**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Diabetes status**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Cardiovascular disease recorded indicatorNB: This indicator is used for the purposes of excluding clients with a coded diagnosis of CVD**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Fasting glucose result measurement indicator**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - HbA1c measurement result recorded indicator**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - HDL cholesterol measurement result recorded indicator**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Regular client indicator**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Sex**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Systolic blood pressure measurement result recorded indicator**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Tobacco smoking status**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly |
| 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](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Cardiovascular disease recorded indicatorNB: This indicator is used for the purposes of excluding of clients with a coded diagnosis of CVD**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Regular client indicator**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Sex**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly |
| 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](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Indigenous status**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly **Data Element / Data Set**Primary Health Networks - Sex**Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**NMDS / DSS**[Practice incentives program eligible data set NBEDS 2020–21](https://meteor.aihw.gov.au/content/728927)**Guide for use**Quarterly |
| Representational attributes |
| Representation class: | Proportion |
| Data type: | Real |
| Unit of measure: | Person |
| Data source attributes |
| Data sources: | **Data Source**[Participating Practice Clinical Information System](https://meteor.aihw.gov.au/content/729762)**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](https://meteor.aihw.gov.au/content/246013) |
| 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](https://www1.health.gov.au/internet/main%0B/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/$File/Practice%20Incentives%20Program%20Eligible%20Data%20Set%20Data%20Governance%20Framework.pdf](https://www1.health.gov.au/internet/main/publishing.nsf/Content/%0B46506AF50A4824B6CA25848600113FFF/%24File/Practice%20Incentives%0B%20Program%20Eligible%20Data%20Set%20Data%0B%20Governance%20Framework.pdf)Department of Health 2020b. PIP QI Improvement Measures: Technical Specifications. V. 1.1. Department of Health, Canberra. Viewed 29 May 2020, [https://www1.health.gov.au/internet/main/publishing.nsf/Content/46506AF50A4824B6CA25848600113FFF/$File/PIP-QI-Technical-Specifications.pdf](https://www1.health.gov.au/internet/main/publishing.nsf/Content/46506AF50A4824B6CA25848600113FFF/%24File/PIP-QI-Technical-Specifications.pdf)Department of Health 2020c. Practice Incentives Program Quality User Guide. Department of Health, Canberra. Viewed 22 June 2020, [https://www1.health.gov.au/internet/main/publishing.nsf/Content/46506AF50A4824B6CA25848600113FFF/$File/PIP%20QI%20-%20User%20Guide.pdf](https://www1.health.gov.au/internet/main/publishing.nsf/Content/%0B46506AF50A4824B6CA25848600113FFF/%24File/PIP%20QI%20-%20%0BUser%20Guide.pdf) |