

Practice Incentives Program Quality Improvement: 10 Proportion of regular clients with diabetes with a blood pressure result, 2020

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Practice Incentives Program Quality Improvement: 10 Proportion of regular clients with diabetes with a blood pressure result, 2020

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	QIM - 10 Proportion of regular clients with diabetes with a blood pressure result, 2020
METEOR identifier:	729898
Registration status:	Health , Recorded 05/01/2021
Description:	Proportion of regular clients who have diabetes and who have had a blood pressure measurement result recorded within the previous 6 months.
Rationale:	Diabetes was the underlying cause of around 10% of all deaths in Australia in 2016 and recent reports show death rates for people with Type 2 diabetes are rising. For people with Type 1 or Type 2 diabetes, monitoring blood pressure can help assure appropriate medical care to lower the risk of macro vascular (stroke, heart attack and heart failure) and microvascular (kidney disease, eye disease and peripheral neuropathy) complications.
Indicator set:	Practice Incentives Program Quality Improvement (PIP QI), 2020 Health , Recorded 05/01/2021

Collection and usage attributes

Population group age from:	Birth
Population group age to:	65 and over
Computation description:	<p>Proportion of regular clients who have Type 1 or Type 2 diabetes, or a diagnosis which indicates diabetes but does not specify between Type 1 and Type 2, and who have had a blood pressure measurement result recorded at the primary health care service within the previous 6 months.</p> <p>Results arising from measurements conducted outside of the service, that are known by the service and included in the patient record, are included in the calculation of this indicator.</p> <p>Exclude clients from the calculation if they had:</p> <ul style="list-style-type: none">• secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance.• results from measurements conducted outside of the service, which were not available to the service; and had not visited the service in the previous 6 months. <p>Note that any clients who have had gestational diabetes but also have Type 1 or Type 2 diabetes will be included.</p>
Computation:	$(\text{Numerator} \div \text{Denominator}) \times 100$
Numerator:	Number of regular clients who have Type 1 or Type 2 diabetes, or a diagnosis which indicates diabetes but does not specify between Type 1 and Type 2, and who have had a blood pressure measurement result recorded within the previous 6 months.

Numerator data elements:

Data Element / Data Set

Primary Health Networks - Blood pressure measurement recorded indicator

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 - 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 - 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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Denominator:

Total number of regular clients who have Type 1 or Type 2 diabetes a diagnosis, which indicates diabetes but does not specify between Type 1 or Type 2.

Denominator data elements:

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 - 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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Disaggregation:

Disaggregation of data will be reported quarterly by:

- Age group
- Sex
- Indigenous status

Disaggregation data elements:

Data Element / Data Set

Primary Health Networks - Age - total years

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

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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](#)

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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

Accountability attributes

Reporting requirements: Data are reported quarterly for services delivered in the given period [5 years].

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/$File/Practice%20Incentives%20Program%20Eligible%20Data%20Set%20Data%20Governance%20Framework.pdf)
- Department of Health 2020b. PIP QI Improvement Measures: Technical Specifications. V. 1.1. Department of Health, Canberra. Viewed 29 May 2020, [https://www1.health.gov.au/internet/main/publishing.nsf/Content/46506AF50A4824B6CA25848600113FFF/\\$File/PIP-QI-Technical-Specifications.pdf](https://www1.health.gov.au/internet/main/publishing.nsf/Content/46506AF50A4824B6CA25848600113FFF/$File/PIP-QI-Technical-Specifications.pdf)
- Department of Health 2020c. Practice Incentives Program Quality User Guide. Department of Health, Canberra. Viewed 22 June 2020, [https://www1.health.gov.au/internet/main/publishing.nsf/Content/46506AF50A4824B6CA25848600113FFF/\\$File/PIP%20QI%20-%20User%20Guide.pdf](https://www1.health.gov.au/internet/main/publishing.nsf/Content/46506AF50A4824B6CA25848600113FFF/$File/PIP%20QI%20-%20User%20Guide.pdf)