

# Practice Incentives Program Quality Improvement: 05 Proportion of regular clients with diabetes who were immunised against influenza, 2020

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# Practice Incentives Program Quality Improvement: 05 Proportion of regular clients with diabetes who were immunised against influenza, 2020

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	QIM - 05 Proportion of regular clients with diabetes who were immunised against influenza, 2020
<b>METEOR identifier:</b>	729793
<b>Registration status:</b>	<a href="#">Health</a> , Recorded 05/01/2021
<b>Description:</b>	Proportion of regular clients with diabetes who were immunised against influenza in the previous 15 months.
<b>Rationale:</b>	Diabetes was the underlying cause of around 10% of all deaths in Australia in 2016. People with diabetes are considered to be at high risk of complications from influenza. During recent influenza epidemics, diabetes was considered a significant risk factor for hospitalisation. The administration of influenza vaccine to persons at risk of complications is the single most important measure in preventing or attenuating influenza infection and preventing mortality. While best practice guidelines recommend annual immunisation, a 15-month interval allows for cases when a client decides to receive a vaccine earlier than recommended (e.g. from a pharmacy), or delay and wait for the release of an 'enhanced' vaccine
<b>Indicator set:</b>	<a href="#">Practice Incentives Program Quality Improvement (PIP QI), 2020</a> <a href="#">Health</a> , Recorded 05/01/2021

## Collection and usage attributes

<b>Population group age from:</b>	15
<b>Population group age to:</b>	65 and over

**Computation description:** Proportion of regular clients who are recorded as having Type 1 or Type 2 diabetes, or a diagnosis which indicates diabetes but does not specify between Type 1 and Type 2 and are immunised against influenza.

A person is immunised against influenza if they have received an influenza vaccine within the previous 15 months.

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.

A client is classified as having diabetes, if they have Type 1 or Type 2 diabetes, or a diagnosis which indicates diabetes but does not specify between Type 1 and Type 2 listed as a diagnosis in their patient record.

Exclude clients from the calculation if they:

- did not have the immunisation due to documented medical reasons (e.g. allergy), system reasons (vaccine not available) or patient reasons (e.g. refusal).
- had secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance.
- had results from measurements conducted outside of the service which were not available to the service; and had not visited the service in the previous 12 months.

Note that any clients who have had gestational diabetes but also have Type 2 diabetes will be included.

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

**Numerator:** Number of regular clients who are recorded as having Type 1 or Type 2 diabetes or a diagnosis which indicates diabetes but does not specify between Type 1 and Type 2 and are immunised against influenza.

**Numerator 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 - Influenza immunisation 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](#)

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**Denominator:**

Total number of regular clients who are recorded as having Type 1 or Type 2 diabetes or a diagnosis which indicates diabetes but does not specify between Type 1 and Type 2.

**Denominator 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 - Diabetes status

**Data Source**

[Participating Practice Clinical Information System](#)

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**Data Element / Data Set**

Primary Health Networks - Regular client indicator

**Data Source**

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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**

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**Data Element / Data Set**

Primary Health Networks - Indigenous status

**Data Source**

[Participating Practice Clinical Information System](#)

**NMDS / DSS**

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**Data Element / Data Set**

Primary Health Networks - Sex

**Data Source**

[Participating Practice Clinical Information System](#)

**NMDS / DSS**

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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](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)