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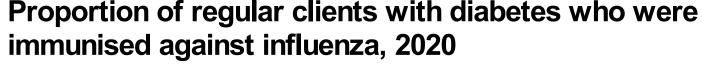 Practice Incentives Program Quality Improvement: 05 Proportion of regular clients with diabetes who were immunised against influenza, 2020

Exported from METEOR (AIHW's Metadata Online Registry)

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

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	QIM - 05 Proportion of regular clients with diabetes who were immunised against influenza, 2020
METEOR identifier:	729793
Registration status:	Health, Recorded 05/01/2021
Description:	Proportion of regular clients with diabetes who were immunised against influenza in the previous 15 months.
Rationale:	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
Indicator set:	Practice Incentives Program Quality Improvement (PIP QI), 2020 Health, Recorded 05/01/2021

Collection and usage attributes

Population group age from:	15
Population group age to:	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; <u>and</u> 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:	(Numerator ÷ Denominator) x 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** ─────────────────────────────

Data Element

Primary Health Networks - Diabetes status

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

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

Guide for use

Quarterly

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

Data Element

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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Quarterly

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

Data Element

Primary Health Networks - Regular client indicator

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

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Guide for use

Quarterly

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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

Data Element

Primary Health Networks - Age

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

Data Element

Primary Health Networks - Diabetes 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

Data Element

Primary Health Networks - Regular client indicator

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

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

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

Data Element

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

Data Element

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

Data Element

Primary Health Networks - Sex

Data Source

[Participating Practice Clinical Information System](#)

NMDS / DSS

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

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](#)

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

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

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