

# 1-dose quadrivalent meningococcal conjugate vaccine coverage among 12-year-olds

## Alternate Name\*

Percentage of 1-dose quadrivalent meningococcal conjugate vaccine coverage among 12-year-olds

## INDICATOR DESCRIPTION

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### Description\*

This indicator provides an estimate of the percentage of 12-year-olds who have received one valid dose of the quadrivalent meningococcal conjugate vaccine (MCV4) as part of Ontario's school-based vaccination program delivered in grade 7, at the conclusion of the school year (August 31st). Valid dose refers to one dose of MCV4 administered within five years prior to August 31st of school year of assessment and administered on the same day or at least 168 days after any previous meningococcal polysaccharide dose. For example, for the 2015-16 school year, valid MCV4 doses must be administered on or after September 1, 2011. A higher percentage is better.

### HQO Reporting tool/product

Public reporting

### Dimension\*

Effective

Timely

### Type\*

Outcome

## DEFINITION AND SOURCE INFORMATION

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### Unit of Measurement\*

Percentage

### Calculation Methods\*

Numerator divided by the denominator times 100

### Numerator (short description i.e. not inclusions/exclusions)\*

The number of students who have received one valid dose of MCV4-containing vaccine by August 31 of the school year under assessment (i.e., August 31, 2016 for the 2015-16 school year).

### Denominator (short description i.e. not inclusions/exclusions)\*

1-dose quadrivalent  
meningococcal conjugate  
vaccine coverage among  
12-year-olds

<http://indicatorlibrary.hqontario.ca/Indicator/Summary/One-dose-meningococcal-vaccine/EN>

The number of 12-year-old students with an active client record in the DHIR (Digital Health Immunization Repository) and with at least one school record during the school year of analysis. The 12-year-old birth cohort is defined as those students in DHIR who have turned 12 years of age by December 31st of the school year under assessment (i.e., December 31, 2015 for the 2015-2016 school year).

#### **Adjustment (risk, age/sex standardization)- generalized**

None

#### **Data Source**

MOHLTC, Digital Health Immunization Repository

#### **Data provided to HQO by**

Public Health Ontario (PHO)

#### **Reported Levels of comparability /stratifications (defined)**

Public health units

Public health regions

Province

## **OTHER RELEVANT INFORMATION**

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#### **Caveats and Limitations**

Immunization coverage may be under-estimated if immunizations received by Ontario students are not reported to Ontario PHUs for subsequent data capture within the DHIR.

#### **Comments Summary**

Public health region-specific estimates can be compared. Due to the change in the immunization information system (from IRIS to Panorama) and the change in methodology used to assess immunization coverage since the implementation of Panorama and the DHIR, the coverage estimates provided cannot be directly compared to previous assessments of immunization coverage. Inter-provincial comparisons are possible, where immunization coverage is publicly-reported, up-to-date coverage methodology is used and the MCV4 product is also used. International comparisons are limited by variations in the IMD immunization strategy (target age group, and vaccine product used).

## **TAGS**

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#### **TAGS\***

Other

Outcome

Population Health

Prevention / Screening

Effective

Timely

MOHLTC, Digital Health Immunization Repository

## PUBLISH

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### PUBLISH DATETIME\*

16/10/2017 09:22:00