

One-dose quadrivalent meningococcal conjugate vaccine coverage among 12-year-olds (percentage)

Alternate Name*

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

INDICATOR DESCRIPTION

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 doses refer to doses of measles-containing vaccine that were given in accordance with the following criteria:

First valid dose administered on or after the first birthday and received on the same day or at least 28 days after any preceding live virus vaccine. Second valid dose administered at least 28 days after any preceding measles-containing vaccine (or any other live virus vaccine).

A higher percentage is better.

Indicator Status*

Active

HQO Reporting tool/product

Public reporting

Dimension*

Effective

Timely

Type*

Outcome

DEFINITION AND SOURCE INFORMATION

Unit of Measurement*

Percentage

Calculation Methods*

One-dose quadrivalent
meningococcal conjugate
vaccine coverage among
12-year-olds (percentage)

<http://indicatorlibrary.hqontario.ca/Indicator/Detailed/One-dose-menningococcal-vaccine/EN>

Numerator divided by the denominator times 100

Numerator including inclusion/exclusion*

The number of students who have received one valid dose of MCV4-containing vaccine by August 31, 2019 for the 2018-19 school year.

Denominator including inclusion/exclusion*

The number of 12-year-old students with an active client record in the Digital Health Immunization Repository (DHIR) and with at least one school record during the 2016-17 school year. The 12-year-old birth cohort is defined as those students in DHIR who have turned 12 years of age by December 31, 2019 .

Adjustment (risk, age/sex standardization)- detailed

NA

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

Time

OTHER RELEVANT INFORMATION

Caveats and Limitations

Immunization coverage may be under-estimated if immunizations received by Ontario students are not reported to Ontario public health units for subsequent data capture within the DHIR. However, most doses of this vaccine program, in the age group assessed, are delivered by public health units and are directly entered into the DHIR. Not all clients were assigned to a health region, as a results provincial estimates and denominators by region differ from those by PHU.

Comments Detailed

Public health unit and region-specific estimates can be compared across the 2013-14 to 2018-19 school years. Due to the change in the immunization information system (from IRIS to Panorama) and the change in methodology used to assess immunization coverage starting in the 2013-14 school year, coverage estimates prior to the 2013-14 school year cannot be directly compared to 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).

Footnotes

[i] Immunization of School Pupils Act, RRO 1990, c Reg.645. Available from:
<https://www.ontario.ca/laws/regulation/900645>

TAGS

TAGS*

Other
Outcome
Population Health
Prevention / Screening
Effective
Timely
MOHLTC, Digital Health Immunization Repository

PUBLISH

PUBLISH DATETIME*

23/06/2020 14:19:00