

# Routine and Outbreak-related Measles Immunization Schedules

- Ontario is experiencing a [measles outbreak](#) and public health units in western Ontario that continue to see increased transmission and community exposures have implemented a measles outbreak immunization strategy.
- Immunization is the best way to protect against measles infection and serious complications, and to disrupt measles transmission.
- This document provides an overview of the [routine](#) and measles outbreak-related immunization schedules in Ontario.



Age Group	Ontario's publicly funded routine immunization schedule	Measles outbreak immunization schedule and recommendations*
<b>Infants (6 to 11 months)</b>	Not applicable	One dose of MMR
<b>Children (12 months and over)</b>	<b>Two doses</b> of measles-containing vaccine: <ul style="list-style-type: none"> <li>One dose of MMR at 1 year of age</li> <li>One dose of MMRV between 4 and 6 years of age (prior to school entry)</li> </ul>	Two doses of measles-containing vaccine: One dose of MMR at 1 year of age. Children 1 to 4 years of age are encouraged to receive a second dose of measles-containing vaccine as soon as possible**
<b>Adults (18 years and older)</b>	Adults of any age who have had only one dose of MMR may receive a second dose if they are: <ul style="list-style-type: none"> <li>Health care workers</li> <li>Post-secondary students</li> <li>OR based on a health care provider's clinical judgement</li> </ul>	A second dose of MMR is recommended for all adults born in or after 1970 (for those who have not previously received 2 doses of MMR)

\*Measles outbreak recommendations for individuals who live, work, travel (e.g., family visit), worship, or spend time in affected regions and communities in Ontario with active measles cases and where the risk of exposure in the community is higher. These recommendations also apply to those who are travelling to areas where measles is of concern, either domestically or internationally.

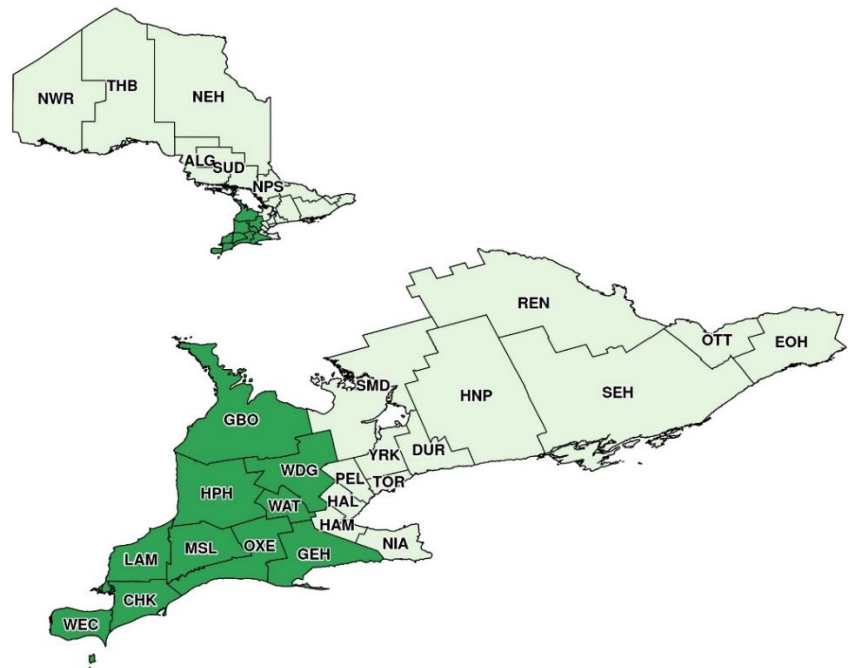
\*\*Measles-containing vaccines (Measles, Mumps, Rubella [MMR]; Measles, Mumps, Rubella, Varicella [MMRV]) should be separated by a minimum interval of ≥ 4 weeks, from one another and other live attenuated vaccines.

## Key immunization principles

- Infants who receive their first dose of MMR vaccine between 6-11 months of age require two additional doses after the 1<sup>st</sup> birthday to ensure long term protection and for school immunization requirements.
- All adults are eligible for one dose if they have never received an MMR vaccine. However, most adults born before 1970 are immune from past exposure to measles.
- If immunization status is unknown, offering a measles vaccine is preferred to ordering serology to determine immune status. There is no harm in receiving an additional dose.

As of May 2025, measles vaccine eligibility has been expanded for individuals who live, work, travel (e.g., family visit), worship, or spend time in the affected regions and communities that continue to see increased transmission and community exposures (see Map of Ontario, shaded public health units).

**Map of Ontario: Public Health Units that have Implemented the Measles Outbreak Immunization Strategy**



Code	Name	Code	Name
ALG	Algoma Public Health Unit	NPS	North Bay Parry Sound District Health Unit
CHK	<b>Chatham-Kent Health Unit</b>	OTT	Ottawa Public Health
DUR	Durham Region Health Department	OXE	<b>Southwestern Public Health</b>
EOH	Eastern Ontario Health Unit	PEL	Peel Public Health
GEH	<b>Grand Erie Health Unit</b>	WAT	<b>Region of Waterloo Public Health</b>
GBO	<b>Grey Bruce Health Unit</b>	REN	Renfrew County and District Health Unit
HNP	Haliburton Kawartha Northumberland Peterborough Health Unit	SMD	Simcoe Muskoka District Health Unit
HAL	Halton Region Health Department	SEH	South East Health Unit
HAM	Hamilton Public Health Services	SUD	Sudbury and District Health Unit
HPH	<b>Huron Perth District Health Unit</b>	THB	Thunder Bay District Health Unit
LAM	<b>Lambton Public Health</b>	TOR	Toronto Public Health
MSL	<b>Middlesex-London Health Unit</b>	WDG	<b>Wellington-Dufferin-Guelph Public Health</b>
NIA	Niagara Region Public Health Department	WEC	<b>Windsor-Essex County Health Unit</b>
NEH	Northeastern Health Unit	YRK	York Region Public Health Services
NWR	Northwestern Health Unit		

The information in this document is current as of May 7, 2025.