## LIFE WITHOUT THE VACCINE

Thanks to routine childhood immunization，Ontario has seen a marked drop in measles cases－a very different story than the days before the vaccine was introduced in 1963. in Canada with $90 \%$ of children infected by 10 years of age prior to the vaccine．${ }^{1,2}$

27 Expected deaths worldwide each year
Million the leading cause of vaccine－preventable deaths in children．${ }^{1,2}$

HOW SERIOUS IS MEASLES？
With measles comes many complications， some fatal．These include：${ }^{1,4}$

|  | Otitis media 5－15 per 100 cases |
| :---: | :---: |
|  | Pneumonia <br> 5－10 per 100 cases |
| 完 | Encephalitis <br> 1 per 1，000 cases |
| 荋荋 | Death <br> 1－2 per 1，000 cases |

Children under the age of five are most at risk of complications．

Measles during pregnancy can cause：${ }^{1}$

## DEFENDING ONTARIO AGAINST <br> 

Measles has been eliminated in the Americas，including Ontario－but some Ontarians are still at risk of catching the disease．If the province is to remain free of one of the world＇s most contagious diseases，we need to be vigilant． Ontario falls just short of the level needed to stop the spread of measles．


## IMMUNIZATION IS KEY

Receiving two doses of vaccine is a free and very effective form of protection against the virus both for individuals and the community．
Since the two－dose vaccine was introduced in Ontario in 1996，very few cases of measles have been reported each year．


Number of measles cases，Ontario，1991－2013 ${ }^{9}$

## RISKS BEYOND OUR BORDERS

Exposure to the measles virus by those travelling abroad and from visitors to Canada puts unvaccinated Ontarians at risk．${ }^{10}$


Countries with measles activity in 2012

