



# Immunization Compliance For School Pupils

City of Hamilton Profile



In order to prevent diseases from spreading in our community, a certain percentage of people must be immunized (known as "herd immunity").

Ontario's Immunization of School Pupils Act (ISPA) directs public health units to maintain a record of immunization for each pupil attending school in their jurisdiction. Compliance with ISPA is shown below at Age 7 and 17 years which are key milestones in the immunization schedule.

## Overall 2018/2019 School Year in Hamilton

**5,810**

7 year-old students eligible for ISPA vaccines

**6,309**

17 year-old students eligible for ISPA vaccines

**92.9%**

Percent of 7 year-old students fully compliant with ISPA

**92.1%**

Percent of 17 year-old students fully compliant with ISPA

## Compliance (%) by Antigen

School Year:	7 year-old students		17 year-old students	
	2015-16	2018-19	2015-16	2018-19
Measles	<b>97.6%</b>	<b>95.7%</b>	<b>97.1%</b>	<b>98.7%</b>
Mumps	<b>97.6%</b>	<b>95.7%</b>	<b>97.0%</b>	<b>98.5%</b>
Rubella	<b>98.7%</b>	<b>98.5%</b>	<b>97.5%</b>	<b>99.8%</b>
Diphtheria	<b>95.8%</b>	<b>94.8%</b>	<b>78.9%</b>	<b>93.4%</b>
Tetanus	<b>95.8%</b>	<b>95.3%</b>	<b>78.9%</b>	<b>93.3%</b>
Pertussis	<b>95.8%</b>	<b>94.8%</b>	<b>77.7%</b>	<b>93.1%</b>
Polio	<b>95.9%</b>	<b>95.6%</b>	<b>96.8%</b>	<b>98.3%</b>
Meningococcal	<b>95.8%</b>	<b>98.1%</b>	<b>93.6%</b>	<b>99.4%</b>

Data notes: This is an assessment of student compliance with the Immunization of School Pupils Act (ISPA). Students are considered compliant if they have reported proof of immunization or a valid exemption. Exemptions for immunizations ranged between 2.6-3.4%. Data source: Panorama. 2018-2019 [Extracted Jul 2019]; 2015-2016 [Extracted May-Aug 2016].