

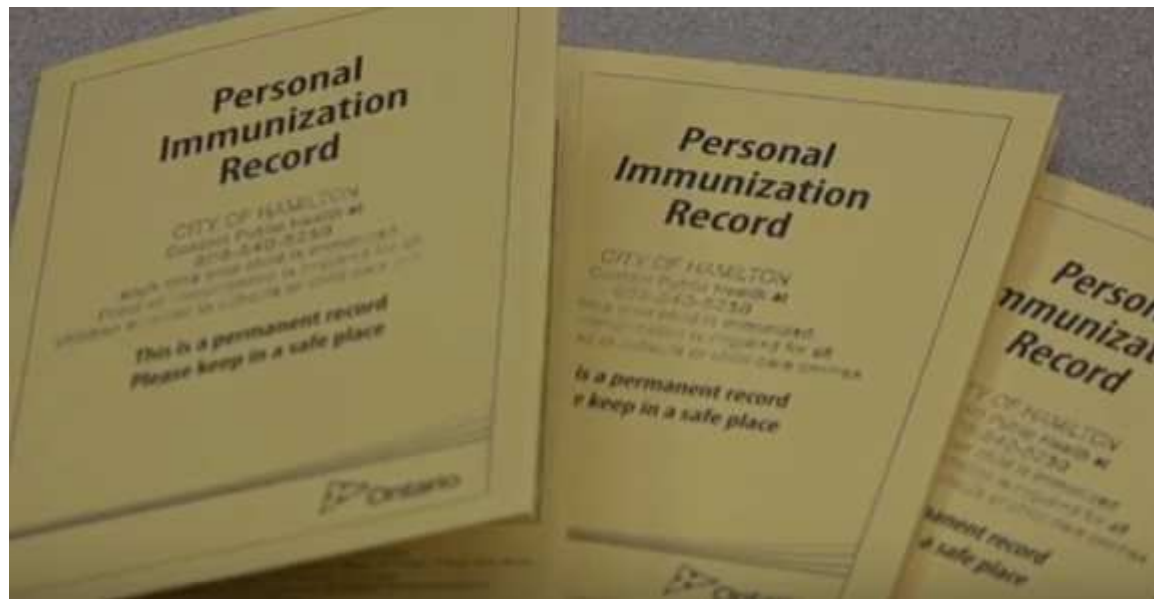


Immunization in Hamilton: Immunization of School Pupils Act (ISPA) Compliance

Board of Health
March 20, 2017

Outline

- Immunization of School Pupils Act (ISPA)
 - Roles and Responsibilities
 - Screening and Suspension Process
- How Hamilton compares
- Who isn't immunizing
- Video



ISPA



ISPA

- Provincial legislation
- Applies to elementary and high school students
- Tells us
 - Diseases where immunization is required
 - Who is responsible for what



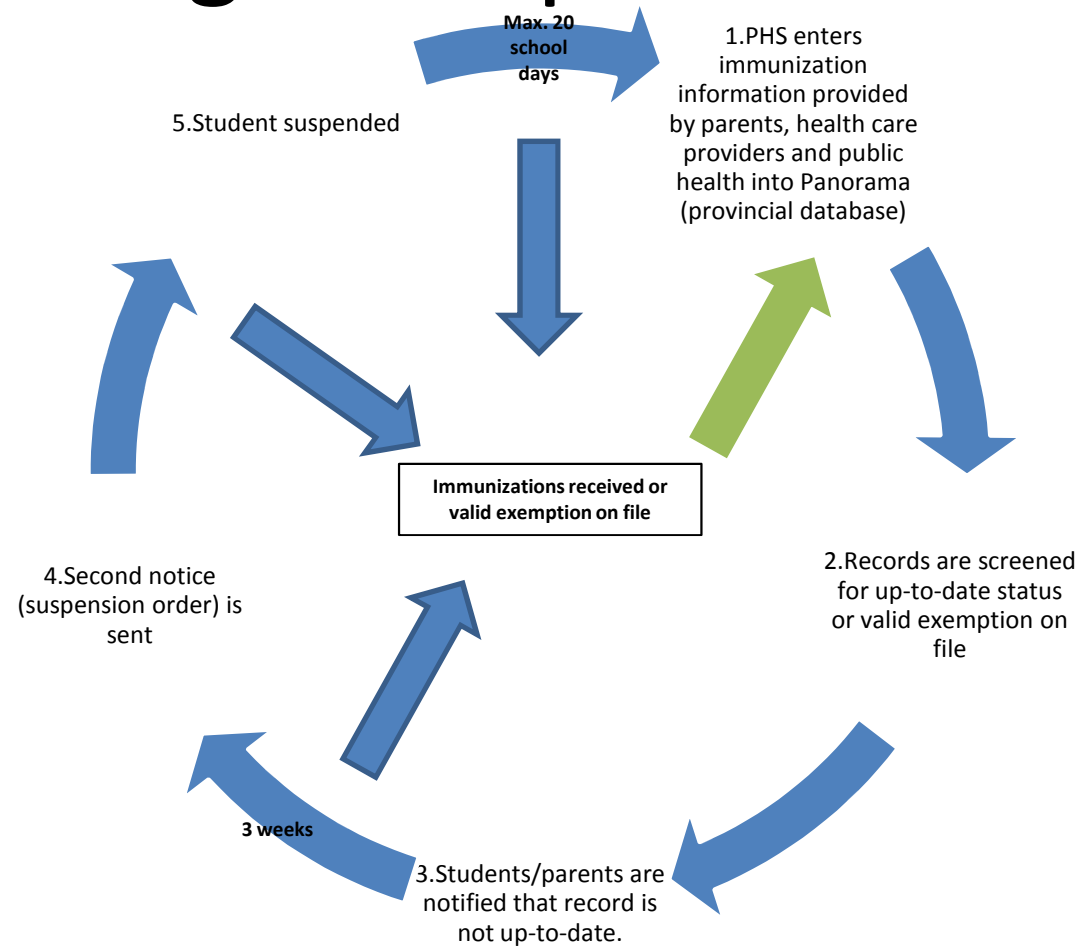
Diseases in the ISPA

- Diphtheria
- Tetanus
- Pertussis (whooping cough)
- Polio
- Measles
- Mumps
- Rubella (German measles)
- Meningococcal disease
- Varicella (chickenpox)

Roles and Responsibilities: ISPA and Vaccine Program

Role	Responsibility
Parents	<ul style="list-style-type: none">-Immunize children-Report child's vaccines to public health
Physicians and nurses	<ul style="list-style-type: none">-Immunize children-Give parents a written record of vaccines (Yellow Card)
Medical Officer of Health	<ul style="list-style-type: none">-Screening and suspension process (vaccine or exemption on file)-Enter data into Panorama-Give Grade 7 vaccines to students (HPV, HBV, meningococcal)
School operator	<ul style="list-style-type: none">-Provide school and class lists to public health-Allow public health to give Grade 7 vaccines in school-Enforce suspension orders from the Medical Officer of Health

Screening & Suspension Process



How does Hamilton compare?

Birth year	Measles	Mumps	Rubella	Diphth.	Tetanus	Pertuss.	Polio	Mening.
2008 (HAM)	97.7%	97.6%	98.7%	95.8%	95.8%	95.8%	95.9%	95.8%
2005 (ON)	88.3%	87.9%	95.2%	74.6%	74.6%	72.6%	74.2%	NA
1998 (HAM)	97.1%	97.0%	97.5%	78.9%	78.9%	77.7%	96.8%	93.6%
1995 (ON)	95.4%	93.7%	97.1%	84.0%	84.0%	69.9%	94.3%	89.4%

Diphth. – diphtheria, Pertuss. – pertussis, Mening. - meningococcal

HAM – Hamilton, ON – Ontario

2008, 2005 – 7 year olds

1998, 1995 – 17 year olds

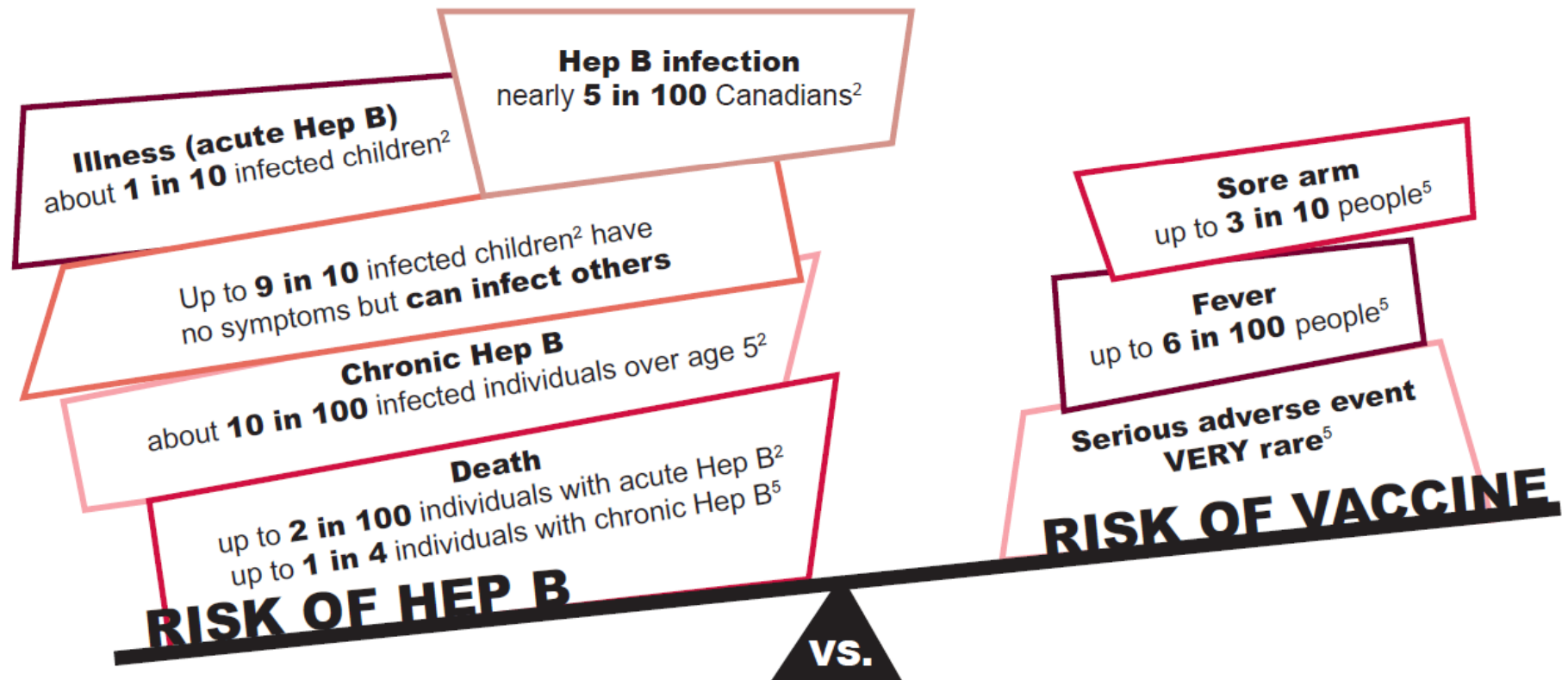
Who doesn't immunize

- 2-3% have exemptions (medical and non-medical)
- Associations with:
 - Higher median household income
 - Higher % college graduates
 - Higher proportion “white” ethnicity
 - Lower percentage families in poverty
- Immigrant mothers more likely to have their children up-to-date on vaccines than non-immigrant mothers

Providing the Science

- Example of a parent info sheet

It is worse to get Hep B than the vaccine.



Summary

- Hamilton shows high levels of protection against vaccine-preventable diseases
- Pockets of lower immunization can occur
- Best protection – keep up-to-date
- Vaccines are safe and effective – always immunize on time

Questions

