

# Hepatitis B (HB) and Human Papillomavirus (HPV) vaccines

## Eligibility and schedules

This tool was developed in accordance with the Publicly Funded Immunization Schedules for Ontario found at: [ontario.ca/page/vaccine-resources-professionals](http://ontario.ca/page/vaccine-resources-professionals)

Vaccines must be administered as per the publicly funded eligibility criteria. Anything outside of these criteria must be paid for privately.

Remind parents to keep their child's vaccination up to date by reporting online at [peelregion.ca/health/vaccinations/child-vaccination-reporting](http://peelregion.ca/health/vaccinations/child-vaccination-reporting).

### HB vaccine eligibility

Program	Eligibility Criteria
Routine	<ul style="list-style-type: none"> <li>Students in grades 7 to 12</li> <li>Students in Grades 7 and 8 will be offered their vaccines at school through Peel Public Health. Catch-up clinics are also available for students up to grade 12.</li> </ul>
High-Risk	<ul style="list-style-type: none"> <li>Children &lt;7 years old whose families have immigrated from countries of high prevalence for HBV and who may be exposed to HBV carriers through their extended families (3 doses)</li> <li>Household and sexual contacts of chronic carriers and acute cases (3 doses)</li> <li>History of a sexually transmitted disease (3 doses)</li> <li>Infants born to HBV-positive carrier mothers:               <ul style="list-style-type: none"> <li>premature infants weighing &lt;2,000 grams at birth (4 doses)</li> <li>premature infants weighing ≥2,000 grams at birth and full/post term infants (3 doses)</li> </ul> </li> <li>Intravenous drug use (3 doses)</li> <li>Liver disease (chronic), including hepatitis C (3 doses)</li> <li>Awaiting liver transplants (2nd and 3rd doses only)</li> <li>Men who have sex with men (3 doses)</li> <li>Multiple sex partners (3 doses)</li> <li>Needle stick injuries in a non-health care setting (3 doses)</li> <li>On renal dialysis or those with diseases requiring frequent receipt of blood products (e.g., haemophilia) (2nd and 3rd doses only)</li> </ul>

### HB vaccine dosing schedule and intervals by age

Age	Dosing Schedule	Recommended Intervals
11 to 15 years*	2-dose 1 mL each dose	<p><b>If Recombivax® given first</b> Dose 1 Recombivax® Dose 2 Recombivax® or Engerix® given 4 months after dose 1 (16 weeks)</p> <p><b>If Engerix® given first</b> Dose 1 Engerix® Dose 2 Recombivax® or Engerix®, given 6 months after dose 1 (24 weeks)</p>

\*Immunocompromised individuals in this age group may require a 3-dose series.

## HB vaccine dosing schedule and intervals by age

Age	Dosing Schedule	Recommended Intervals
≥16 years in grades 10 to 12	3-dose 0.5 mL each dose	Dose 1 Dose 2, given 1 month (4 weeks) after dose 1 Dose 3, given 5 months (20 weeks) after dose 2
<b>High-risk individuals</b> ≥0 years of age	<p><b>19 years and under</b> 3-dose 0.5 mL each dose</p> <p><b>20 years and over</b> 3-dose 1mL each dose</p> <p>Higher dosing may be needed for immunocompromised or dialysis patients. Refer to the <a href="#">Canadian Immunization Guide</a> for vaccine types, dosing, serology, and booster recommendations.</p>	Dose 1 Dose 2, given 1 month (4 weeks) after dose 1 Dose 3, given 5 months (20 weeks) after dose 2

**Note:** Students who begin the 2-dose HB vaccine series but do not receive the second dose before their 16th birthday are required to complete a 3-dose series.

## HPV vaccine eligibility

Program	Eligibility Criteria
Routine	<ul style="list-style-type: none"> <li>Students in grades 7 to 12</li> <li>Students in Grades 7 and 8 will be offered their vaccines at school through Peel Public Health. Catch-up clinics are also available for students up to Grade 12.</li> </ul>
High-Risk	Males 9 to 26 years of age who identify as having sex with men (MSM)

## HPV vaccine dosing schedule and intervals by age

Age	Dosing Schedule	Recommended Intervals
9 to 10 years	3-dose 0.5 mL each dose	Dose 1 Dose 2, given 2 months (8 weeks) after dose 1 Dose 3, given 4 months (16 weeks) after dose 2
11 to 14 years**	2-dose 0.5 mL each dose	Dose 1 Dose 2, given 6 months after dose 1 (24 weeks)
15 to 26 years	3-dose 0.5 mL each dose	Dose 1 Dose 2, given 2 months (8 weeks) after dose 1 Dose 3, given 4 months (16 weeks) after dose 2

\*\*Immunocompromised or immunocompetent HIV-infected individuals in this age group may require a 3-dose series.

**Note:** For healthy individuals aged 15 years or older who initiated the HPV vaccine series between the ages of 9 and under 15, a 2-dose schedule remains valid and does not require conversion to a 3-dose series.