



Health and
Wellness

Prince Edward Island Recommended Adult Vaccines

November 6, 2024

Department of Health and Wellness
Chief Public Health Office

Prince Edward Island Recommended Adult Vaccines

For use by Health Care Professionals only. For more detailed information please contact the Chief Public Health Office at 902-368-4996 or visit the [Canadian Immunization Guide](http://www.phac-aspc.gc.ca/publicat/cig-gci/index-eng.php) at <http://www.phac-aspc.gc.ca/publicat/cig-gci/index-eng.php>.

Please note that all vaccines are provided at no cost to the individual unless otherwise stated.

Vaccine	Who should get this vaccine?	How can my patient access this vaccine?
Influenza (Flu) 1 dose annually	Influenza vaccine is recommended annually for all adults, particularly certain groups considered to be high risk. For a complete list please review the annual statement by the National Advisory Committee on Immunization (NACI).	Influenza vaccine is publicly funded for all individuals living in Prince Edward Island. The vaccine is administered free of charge by all immunizers. Members of the public can access the flu vaccine at the following locations: <ul style="list-style-type: none"> • Health PEI Public Influenza Immunization Clinics • Community Pharmacies • Physician/Nurse Practitioner offices • Obstetrical offices Further information can be found in PEI's Annual Influenza Immunization Policy .
COVID-19	COVID-19 vaccine is recommended annually for all adults, particularly certain groups considered to be high risk. For a complete list please review the annual statement by the National Advisory Committee on Immunization (NACI).	COVID-19 vaccine is publicly funded for all individuals living in Prince Edward Island. The vaccine is administered free of charge by all immunizers. Members of the public can access the flu vaccine at the following locations: <ul style="list-style-type: none"> • Health PEI Public Influenza Immunization Clinics • Community Pharmacies • Physician/Nurse Practitioner offices • Obstetrical offices Further information can be found in PEI's Annual COVID-19 Immunization Policy .
Haemophilus Influenzae type B (Hib)	Hib is recommended for adults with the following conditions:	Health Care Professionals (HCPs) can refer patients to the local Health PEI Public Health Nursing office

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1 dose	<ul style="list-style-type: none"> Splenic disorders (asplenia, hyposplenism) including sickle cell disease Congenital (primary) immunodeficiency Solid organ transplant Cochlear implant HIV infection Hematopoietic stem cell transplant (HSCT) Cancer: Malignant hematologic disorders (Leukemia or Lymphoma) 	by fax using the Adult Immunization Referral Form (Appendix 1)
Hepatitis A (HA) 2 doses 3 doses if administered in a combined Hepatitis A/B vaccine	<p>HA is recommended for adults with the following high-risk conditions or risk factors:</p> <ul style="list-style-type: none"> Chronic liver disease including Hepatitis B/C Household or close contacts of children adopted from HA endemic countries Immigrants from HA endemic areas Travellers to HA-endemic countries* HIV infection Injectable and non-injectable illicit drug use Alcoholism Men who have sex with men (MSM) Individuals receiving repeated replacement of plasma-derived clotting factors Occupations with high risk including humanitarian volunteers going to high-risk areas* 	<p>HCPs can refer patients to the local Health PEI Public Health Nursing office by fax using the Adult Immunization Referral Form (appendix 1).</p> <p>Exception:</p> <ul style="list-style-type: none"> *Individuals in occupations at high risk including humanitarian volunteers going to high-risk areas and *Travellers to HA-endemic countries <p>should consult with their employer/group leader/travel clinic;</p> <p>Some insurance companies may cover the vaccine and it can be administered by a physician, nurse practitioner or community pharmacist.</p>
Hepatitis B (HB) 3 doses	<p>HB is recommended for adults with the following high-risk conditions or risk factors:</p> <ul style="list-style-type: none"> chronic liver disease (including those with Hepatitis C) 	HCPs can refer patients to the local Health PEI Public Health Nursing office by fax with the Adult Immunization Referral Form (appendix 1).

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Vaccine	Who should get this vaccine?	How can my patient access this vaccine?
	<ul style="list-style-type: none"> • chronic renal disease and dialysis (hemodialysis or peritoneal) • congenital immunodeficiency • hematopoietic stem cell transplant (HSCT) or are awaiting solid organ transplant • HIV infection • Splenic disorders, hemophiliacs and other people receiving infusions of blood or blood products (e.g. sickle cell disease) • household or close contacts of children adopted from HB-endemic countries if the adopted child is HBsAg positive • immigrants from areas with high prevalence of HB • solid organ transplant • occupations with high risk* • household and sexual contacts of acute HB cases and HB carriers • inmates of correctional facilities <p>People with lifestyle risks for infection, including:</p> <ul style="list-style-type: none"> • persons who have unprotected sex with new partners • persons who have had more than one sexual partner in the previous 6 months • persons with a history of sexually transmitted infections • persons seeking evaluation or treatment for a sexually transmitted infection • persons who engage in high-risk sexual practices • injectable and non-injectable illicit drug use • men who have sex with men (MSM) • Alcoholism 	<p>Exception:</p> <p>*Individuals in occupations with high risk should consult with their employer. Some insurance companies may cover the vaccine, and it can be administered by a physician, nurse practitioner or community pharmacist.</p> <p>*High risk occupations:</p> <ul style="list-style-type: none"> • Healthcare workers • Correctional facility staff • Emergency service workers

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Vaccine	Who should get this vaccine?	How can my patient access this vaccine?
Human Papillomavirus (HPV) 2 doses	HPV vaccine is recommended for all adults 18-26 years of age who did not receive HPV vaccine in childhood, and for all adults greater than 27 years of age with the following risk factors: <ul style="list-style-type: none"> • having unprotected sex with multiple partners (male and female) or with a partner who has multiple partners • abnormal PAP test • HIV infection • inconsistent condom use • men who have sex with men • adults who self-identify as requiring HPV vaccine 	Adults can make an appointment without a referral at the local Health PEI Public Health Nursing office.
Herpes Zoster (HZ) 2 doses	HZV is recommended for adults ≥50 years of age Recombinant Zoster Vaccine, (RZV) is publicly funded and available in a 2-dose series.	This vaccine is publicly funded for those 50 years of age and older. Adults can make an appointment at a community pharmacy.
Measles, Mumps, Rubella (MMR) Number of doses 1-2	Adults born in or after 1970 who have not had measles disease or received two doses of measles vaccine should receive two doses of vaccine. Adults born before 1970 are considered to have acquired natural immunity and do not require the vaccine. Exception: individuals traveling outside of Canada should receive one dose of MMR vaccine. Students entering post-secondary education, healthcare workers or military personnel should receive 2 doses if they have no evidence of having had the disease(s) or documentation of 2 doses of MMR vaccine.	Adults can make an appointment without a referral at the local Health PEI Public Health Nursing office; Note: MMR vaccine is offered to mothers of newborns by the maternal/newborn units in hospital (or by PHN) if prenatal screening indicates the mother is non-immune to rubella.
Meningococcal (Men-C-ACYW) (Men-B)	Meningococcal A, C, Y, W-135 and Meningococcal B are recommended for individuals with increased risk of invasive meningococcal disease	HCPs can refer patients to the local Health PEI Public Health Nursing office by fax with the Adult Immunization Referral Form (appendix 1).

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<p>2 doses</p> <p>Men-C-ACYW is recommended for high-risk individuals every 5 years for those vaccinated at 7 years of age and older.</p>	<p>(IMD) because of the following underlying medical conditions or increased risk of exposure:</p> <ul style="list-style-type: none"> • persons with functional or anatomic asplenia, including sickle cell disease • persons with combined T and B cell immunodeficiencies • persons with congenital complement, properdin, factor D or primary antibody deficiencies • persons with acquired complement deficiency due to receipt of the terminal complement inhibitor eculizumab (Solaris) • individuals with HIV infection, especially if it is congenitally acquired • clinical laboratory personnel who are potentially routinely exposed to <i>N. meningitidis</i> • travellers to areas with high rates of endemic meningococcal disease or transmission • post-secondary students (*Men-B only) • solid organ transplant 	<p>Meningococcal vaccine is available for purchase for those in which the vaccine is not publicly funded,</p> <p>Men-B can be prescribed by physicians in PEI for order and private purchase at community pharmacies.</p>
<p>Mpox</p> <p>2 doses</p>	<p>Mpox vaccine is recommended for high-risk individuals:</p> <ol style="list-style-type: none"> 1. Men who have sex with men (MSM) who meet at least one of the following criteria: <ol style="list-style-type: none"> i. Have more than one partner ii. Are in a relationship where at least one of the partners has other sexual partners iii. Having had a confirmed sexually transmitted infection acquired in the last year iv. Engage in sexual contact in sex-on-premises venues 2. Sexual partners of individuals who meet the above criteria 	<p>HCPs can refer patients to the local Health PEI Public Health Nursing office by fax with the Adult Immunization Referral Form (appendix 1).</p> <p>The primary vaccination schedule consists of two doses administered 28 days (4 weeks) apart.</p>

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Vaccine	Who should get this vaccine?	How can my patient access this vaccine?
	<ol style="list-style-type: none"> 3. Individuals who self-identify as sex workers regardless of self-identified sex/gender 4. Staff or volunteers in sex-on-premises venues where workers may have contact with fomites potentially contaminated with mpox. 5. Those who engage in sex tourism (regardless of gender, sex assigned at birth, or sexual orientation). 6. Individuals who anticipate experiencing any of the above scenarios 7. Canadian healthcare professionals in advance of deployment to support the mpox clade I outbreak in countries where there is a level 2 travel health notice for mpox. 	
<p>Pneumococcal-Conjugate 20 (Pneu-C-20) 1 dose</p> <p>(*see re-immunization scheduling below)</p>	<p>Administer one dose of Pneu-C-20 vaccine to all adults 65 years of age and older.</p> <p>Administer one dose of Pneu-C-20 to adults under the age of 65 who are at risk for invasive pneumococcal disease (IPD) as follows:</p> <p>Adults with underlying medical conditions</p> <ul style="list-style-type: none"> • chronic lung disease including asthma that required treatment in the preceding 12 months • chronic cerebral spinal (CSF) fluid leak • chronic neurological conditions that may impair clearance of oral secretions • cochlear implants (including children who are to receive implants) • chronic heart disease • diabetes mellitus 	<p>Physicians/nurse practitioners can order Pneu-C-20 for their offices for their patients or adults can make an appointment at the local Health PEI Public Health Nursing office.</p> <p>Residents in long term care facilities are immunized by LTC staff.</p>

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Vaccine	Who should get this vaccine?	How can my patient access this vaccine?
	<ul style="list-style-type: none"> • alcoholism • homelessness • illicit drug use • smoking (tobacco, cannabis, vaping) <p>Adults <u>with</u> immunocompromise</p> <ul style="list-style-type: none"> • chronic kidney disease/ dialysis, nephrotic syndrome • chronic liver disease (including hepatic cirrhosis due to any cause) • congenital immunodeficiency involving any part of the immune system • Asplenia/splenic dysfunction, sickle cell disease • immunocompromising therapy including use of long-term corticosteroids (other than by inhalation, topical, or injection into a joint) e.g. oral prednisone for longer than 2 weeks, chemotherapy, radiation therapy, post-organ transplant therapy and certain anti-rheumatic drugs • HIV infection • hematopoietic stem cell transplant (recipient) (HSCT) • malignant neoplasms including leukemia and lymphoma • solid organ transplant (candidate or recipient) 	
<p>*Pneumococcal Vaccine Recommended Scheduling:</p> <ul style="list-style-type: none"> • Adults with HSCT: administer three doses of Pneu-C-20 starting 3 to 9 months after transplant as directed by transplant team. These doses should be administered at least 4 weeks apart, followed by a 4th dose of Pneu-C-20, 12 to 18 months post-transplant (6-12 months after the 3rd dose of Pneu-C-20). • Individuals of any age with high-risk conditions for IPD should receive Pneu-C-20 if <ul style="list-style-type: none"> ○ A series started with Prevnar 13 (Pneu-C-13) or Vaxneuvance (Pneu-C-15) should be completed with Prevnar 20 (Pneu-C-20) <u>at the minimum interval of 8 weeks.</u> 		

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	<ul style="list-style-type: none"> ○ A series started with Pneumovax 23 (Pneu-P-23) should be completed with Prevar 20 (Pneu-C-20) <u>at the minimum interval of one year.</u> ● Adults 65 years of age and older should receive Pneu-C-20 if <ul style="list-style-type: none"> ○ Previously immunized with PNEU-P-23 alone, or PNEU-C-13 and PNEU-P-23 in series, at an interval of 5 years from the last dose of a previous pneumococcal vaccine (PNEU-P-23 or PNEU-C-13). ○ Previously immunized with PNEU-C-13 alone, if it has been 1 year from the last dose of PNEU-C-13. 	
Polio	A single lifetime booster dose of IPV-containing vaccine is recommended for those at increased risk of exposure to polio (e.g., military personnel, workers in refugee camps in endemic areas, travelers to areas where there are polio epidemics, family or close contacts of internationally adopted infants who may have been or will be vaccinated with Oral Polio Vaccine [OPV]).	Adults can make an appointment without a referral at the local Health PEI Public Health Nursing office. PHAC provides Polio vaccine advice and health related travel information listed by country.
Rabies (Rab) 3 doses	People at higher risk for exposure to rabies are those who work in close contact with animals, such as veterinarians and veterinary staff, animal control and wildlife workers, and laboratory workers who handle the rabies virus.	This vaccine is not publicly funded when administered as a pre-exposure vaccine. Some insurance companies may cover this vaccine, and it can be administered by a physician or nurse practitioner.
Respiratory Syncytial Virus (RSV) 1 dose	All adults who are: <ul style="list-style-type: none"> ● 60 years of age and older and who are residents of nursing homes and other chronic care facilities. ● Adults 75 years of age and older. ● Adults 60 to 74 years of age, may consider RSV immunization in consultation with their healthcare provider. 	RSV vaccine is publicly funded for residents in long term care and community care, no referral required, immunization will be provided by facility. RSV vaccine is not publicly funded for community dwelling adults 75 years of age and older. Some private insurance companies may cover the cost of the vaccine at community pharmacies.
Tetanus, Diphtheria, acellular Pertussis (Tdap)	Adult booster every 10 years Exception: Pregnant women (1 dose each pregnancy) Tdap vaccine should be offered during each pregnancy (irrespective of Tdap immunization history) ideally between 27 and 32 weeks of gestation.	Adults can make an appointment without a referral at the local Health PEI Public Health Nursing office;

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	<p>Evidence also supports providing maternal Tdap over a wider range of gestational ages, and NACI recommends that it may be provided from 13 weeks up to the time of delivery in view of programmatic and unique patient considerations.</p> <p>Tdap is recommended to close contacts of pregnant women/infant(s).</p> <p>Td (Tetanus, diphtheria) has been replaced with Tdap (Tetanus, diphtheria, acellular pertussis) vaccine and may be administered every 10 years as per the direction of the Chief Public Health Office</p>	
<p>Varicella (Var)</p> <p>1-2 doses depending on age and immunization history</p>	<p>All adults less than 50 years of age without contraindications who do not meet the definition for varicella immunity should receive 2 doses of univalent varicella vaccine. The minimum interval between doses is 4 weeks. Adults less than 50 years of age who have received only 1 dose of varicella vaccine should be offered a second dose.</p> <p>Varicella immunization should be prioritized for the following susceptible individuals:</p> <ul style="list-style-type: none"> ○ Non-pregnant women of childbearing age ○ Household contacts of immunocompromised individuals ○ Members of a household expecting a newborn ○ Health care workers ○ Adults who may be exposed occupationally to varicella (for example, people who work with young children) ○ Immigrants and refugees from tropical regions ○ People receiving chronic salicylate therapy (for example, acetylsalicylic acid [ASA]) ○ People with cystic fibrosis 	<p>Adults can make an appointment without a referral at the local Health PEI Public Health Nursing office;</p> <p>Varicella vaccine is offered to mothers of newborns by the maternal/newborn units in hospital (or by PHN) if prenatal testing shows the mother is non-immune to varicella.</p>

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Vaccine	Who should get this vaccine?	How can my patient access this vaccine?
	<ul style="list-style-type: none">○ Susceptible adults exposed to a case of varicella <p>If an adult 50 years of age and over is known to be serologically susceptible to varicella based on previous laboratory testing, vaccinate with 2 doses of univalent varicella vaccine.</p>	

Vaccine History in PEI Quick Reference:

- The 2 dose MMR schedule was introduced in PEI as part of the routine Childhood Immunization program in 1997 with a catch-up program in 2007 for Grades 11 and 12 (due to a mumps outbreak on PEI).
- Varicella vaccine was introduced in PEI as part of the routine Childhood Immunization program in 2000 (children aged 12 months to Grade 6). The 2-dose schedule was introduced in 2011 with a catch-up program for children aged 4-6 in 2012.
- Hepatitis B vaccine was introduced in PEI as part of the routine Childhood Immunization program in 1995 with a catch-up program for Grade 3 students. This means that individuals born since 1987 and immunized in PEI would have been offered Hepatitis B vaccine.

Notes:

1. Adults on PEI can assess immunizations they may require using the [PEI Adult Immunization Self-Assessment Tool](#)
2. Adults exposed to certain diseases including but not limited to [bloodborne](#) infections, varicella, measles, [rabies](#) and tetanus may require post-exposure immune-globulin/immunization. Please contact the CPHO if you have questions regarding access to vaccine in these circumstances.
3. Certain vaccines are stocked in hospitals for emergency room patients and inpatients.
4. Health care workers have unique immunization requirements and the administration of some of these vaccines is the responsibility of the employer.
 - PEI Public Health Nursing offers immunization to health care students who have been **accepted** into a health care related program of study.
5. HCPs can recommend travelers to consult with their travel clinic regarding specific travel related immunizations. Travel vaccine information can be found online on the [Government of Canada Travel Health and Safety webpage](#).
6. Immunizations required for occupational risks are not publicly funded and are the responsibility of the employer. Employers can arrange for immunization of their employees with community pharmacies, physician/NP offices or nursing agencies.

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7. The National Advisory Committee on Immunization (NACI) recommends that adults receive at minimum one dose of a pertussis-containing vaccine in adulthood. In Health PEI Emergency Departments and Public Health Nursing, Td (Tetanus, diphtheria) has been replaced with Tdap (Tetanus, diphtheria, acellular pertussis) vaccine and will be administered every 10 years as per the direction of the Chief Public Health Office. Tdap should be offered to pregnant women during each pregnancy, irrespective of Tdap immunization history.
8. Adults may be provided age-appropriate immunizations as needed that were not received under the PEI Childhood Immunization program.

Childhood Immunization Program:

- Children, under the age of 18 years or until the child completes high school, can receive vaccines at no cost. Immunization is delivered to children by [Health PEI Public Health Nursing offices](#) by appointment or in scheduled visits to schools.
- Childhood Immunization schedule is available [online](#).