

Annual Service Plan & Budget - Immunization

A. Community Need and Priorities

- There are 34 licensed child care centres and there are 10 private schools, 62 Elementary Schools, 15 High Schools, 10 Alternative High Schools in Leeds, Grenville and Lanark that must be assessed for compliance with the Immunization for Children in Schools and Licensed Child Care settings Protocol.
- There are 96 provider facilities that we distribute publicly funded vaccine to.
- There are 161 fridges that require annual inspections.
- Jurisdictional Wastage by vaccine is: 40%
- Wastage by Holding Point Type is: 13.4%

Local priorities for programs and interventions are determined by:

1. Number of day cares and schools
2. Number of Health Care Providers
3. Results of routine fridge inspections
4. Cold Chain Breaks
5. Report AEFIs
6. Requests for service and programs

B. Key Partners/Stakeholders:

Internal partners:

- Sexual Health Team – Assist in the delivery of immunization clinics
- Harm Reduction Team – Assist in the delivery of immunization clinics
- Healthy People Vibrant Communities Team – Assist in the delivery of immunization clinics
- School Team – Assist in the delivery of immunization clinics
- Healthy Growth and Development Team – Assist in the delivery of immunization clinics
- Infectious Diseases Team – Assist in annual fridge inspections and immunization clinics

External partners for the immunization program:

- Health Care Providers – Order and store publicly funded vaccines, provide vaccines to their clients, report AEFIs and Cold Chain Breaks, report wastage.
- Pharmacies – Store influenza vaccines, provide vaccines, report AEFIs and Cold Chain Breaks and report wastage.
- Nursing Agencies - Order and store publicly funded vaccines, provide vaccines to their clients, report AEFIs and Cold Chain Breaks, report wastage.
- Daycares – Promote the reporting immunization records to the HU and assist in immunization record audits and exclusion activities.
- Schools - Promote the reporting immunization records to the HU and assist in immunization record audits and suspension activities.
- School Boards - Promote the reporting immunization records to the HU and assist in immunization record audits and suspension activities.
- Parents/Guardians: Work together to implement ISPA process, maintain records, and share information on immunization.
- Workplace- Store publicly funded vaccines, provide vaccines, report AEFIs and Cold Chain Breaks, report wastage.
- Emergency Medical Services- Store publicly funded vaccines, provide vaccines, report AEFIs and Cold Chain Breaks, report wastage.

Programs	Interventions	Intervention Description	Objectives	Indicators of success
Program 1 Immunization Assessment for Children in Schools and Licensed Child Care Setting <i>*Cross Reference to the School Health Annual Service Plan. Resources allocated in this standard.</i>	Intervention 1 – Daycares Immunization Records Assessment	<ul style="list-style-type: none"> • Receive, assess and maintain records for children attending a licensed day care establishment in our area. *As per the Immunization for Children in Schools and Licensed Child Care Settings Protocol, 2018	<p>Timely and effective detection and identification of children susceptible to vaccine preventable diseases, their associated risk factors, and emerging trends.</p> <p>Children up-to-date immunizations according to the current Publicly funded Immunization schedules for Ontario, and in accordance with the ISPA and the Child and Early Years Act.</p>	<p>% of daycare children vaccinated for all designated diseases.</p>
	Intervention 2 – Immunization School Pupils Record Assessment.	<ul style="list-style-type: none"> • Receive, assess and maintain records for children attending all schools (publicly funded and private) in our area. *As per the Immunization for Children in Schools and Licensed Child Care Settings Protocol, 2018	<p>Timely and effective detection and identification of children susceptible to vaccine preventable diseases, their associated risk factors, and emerging trends.</p> <p>Children have up-to-date immunizations according to the current Publicly funded Immunization schedules for Ontario, and in accordance with the ISPA and the Child and Early Years Act.</p>	<p>% of 7 and 17 year olds vaccinated for all ISPA designated diseases.</p> <p>% of students with a valid or conscience exemption by ISPA designated diseases annually.</p>
	Intervention 3 – Promote the use of Immunization Ontario Connect with parents and providers.	<ul style="list-style-type: none"> • Website • Social media • Newborn dental packages • Kindergarten registration information • Communiques with HCPs • Media 	<p>Children have up-to-date immunizations according to the current Publicly funded Immunization schedules for Ontario, and in accordance with the ISPA and the Child and Early Years Act.</p>	<p># submissions and retrievals through the ICON system.</p>

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Program 2 Immunization Clinics	Intervention 1 – Health Unit Immunization Clinics	<ul style="list-style-type: none"> Provide publicly funded vaccines through our HU Immunization Clinics for catch up of school provided vaccines, routine (when access to HCPs is an issue). 	Children have up-to-date immunizations according to the current Publicly funded Immunization schedules for Ontario, and in accordance with the ISPA and the Child and Early Years Act.	# of clients seen and immunized by vaccine type.
	Intervention 2 – High Risk Immunization Clinics	<ul style="list-style-type: none"> Provide publicly funded vaccines to priority populations through High Risk Immunization Clinics (<i>Cross reference Infectious and Communicable Disease prevention and Control Harm Reduction Program (5), Sexual Health Program (6)</i>) Resources are allocated in that Standard. 	See Infectious and Communicable Disease Prevention and Control. Eligible person, including underserved and priority populations, have access to provincially funded immunization programs and services.	See Infectious and Communicable Disease Prevention and Control.
	Intervention 3 – School Immunization Clinics	<ul style="list-style-type: none"> Provide HPV, Hep B and Men C vaccines through school clinics <i>*Cross Reference to the School Health Annual Service Plan. Resources allocated in the Immunization standard.</i> 	Children and youth have up-to-date immunizations according to the current Publicly Funded Immunization Schedules for Ontario and in accordance with the ISPA.	# of students receiving the vaccine.
	Intervention 4 – VPD Outbreak Response	<ul style="list-style-type: none"> Conduct surveillance on vaccine preventable disease in the community and maintain a community mass immunization plan in case of an outbreak. *As per the Infectious Diseases Protocol and Population Health Assessment and Surveillance Protocol, 2018 	Reduced incidence of vaccine preventable diseases. Timely and effective outbreak management related to vaccine preventable diseases.	Mass Immunization Plan exists. # Surveillance reports on VPDs in the community.

Programs	Interventions	Intervention Description	Objectives	Indicators of success
Program 3 Information and Education	Intervention 1 – Health Care Providers	<ul style="list-style-type: none"> • Website information on schedules, link to NACI recommendations • Send Communiques with relevant information • Respond to queries 	<p>Improved update of provincially funded vaccines among Ontarians.</p> <p>Health care providers report adverse events following immunization to the Board of Health.</p>	<p># consultations # web hits on health professional site.</p> <p>% of immunization providers of publicly funded vaccines indicating they have adequate information to support optimal immunization practices.</p>
	Intervention 2 - Public	<ul style="list-style-type: none"> • Media during Immunization Week • Information on Website • Use of Social Media • Regular media releases • Response to queries 	<p>Improved update of provincially funded vaccines among Ontarians.</p> <p>Increased public confidence in immunizations.</p>	<p># of media ads # website hits # social media interactions # queries</p>
	Intervention 3 – Parent Education Sessions	<ul style="list-style-type: none"> • Group sessions for parents who want an exemption to the ISPA requirements <i>*Cross Reference to the School Health Annual Service Plan. Resources allocated in the Immunization Standard.</i> 	<p>Improved update of provincially funded vaccines among Ontarians.</p> <p>Increased public confidence in immunizations.</p>	<p># session help # parents participating (%) signed exemption form and (%) agree to immunize student.</p>

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Program 4 Vaccine Management	Intervention 1 - AEFI monitoring	<ul style="list-style-type: none"> Promote the reporting of and conduct case management of all report AEFIs through Website, - Communique's to HCPs Review all reports and send eligible AEFI reports to PHO 	Health care providers report adverse events following immunization to the Board of Health.	# all AEFIs followed up. # confirmed AEFI's submitted to PHO.
	Intervention 2 – Inventory management and vaccine distribution to Health Care Providers	<ul style="list-style-type: none"> Provide publicly funded vaccines to all eligible health care providers in LGL Monitor vaccine usage and wastage *As per the Vaccine Storage and Handling Protocol, 2018	Effective inventory management for provincially funded vaccines.	% of doses wasted of publicly funded vaccines annually. # vaccine storage sites that are inspected annually. % of inspected vaccine storage locations that meet storage and handling requirements.
	Intervention 3 – Cold Chain Management	<ul style="list-style-type: none"> Provide education, conduct inspections and follow up on all cold chain incidences. **As per the Vaccine Storage and Handling Protocol, 2018	To ensure that all publicly funded vaccine is stored properly and wastage minimized.	# of annual inspections are conducted. # of all cold chain incidences are followed up on.