

Clinical Services Department

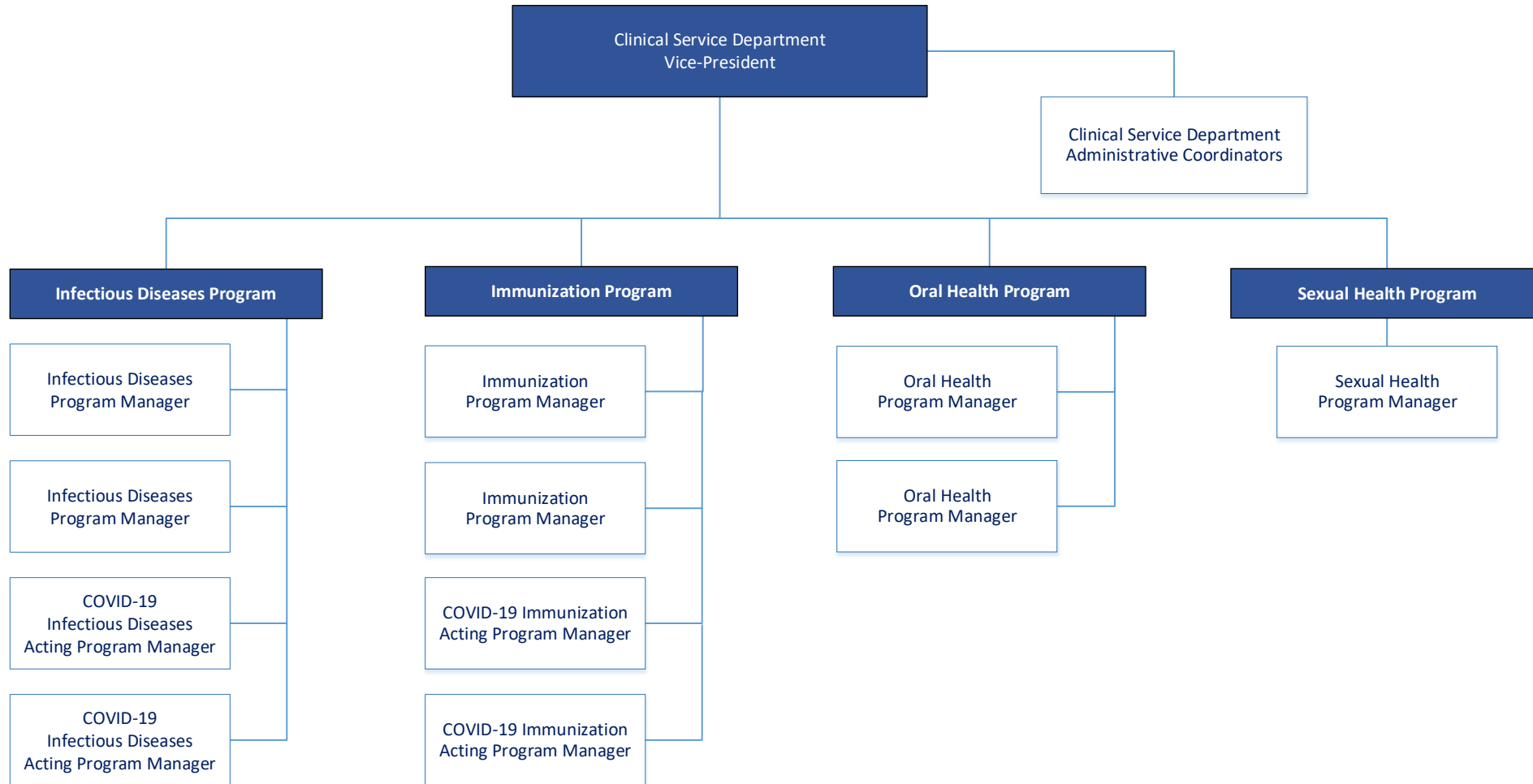
- Infectious Diseases
- Oral Health
- Vision Screening
- Sexual Health
- Immunization



simcoe
muskoka
DISTRICT HEALTH UNIT

Clinical Service Department Organizational Structure

JANUARY 2023





Infectious Diseases Program



Infectious Diseases Program

Institutional Outbreak Management for:

- Long Term Care Homes
- Retirement Homes
- Acute Care Settings
- Child Care Settings
- Correctional Facilities

Highest-Risk Setting Outbreak Management for:

- Group Homes
- Shelters
- Indigenous Elder Care
- International Agricultural Workers
- Recreational Camps

- Diseases of Public Health Services investigations
- COVID-19
- Sexually transmitted and bloodborne infection case management
- Tuberculosis program
- Infection Prevention and Control Inspections – personal service settings and child care
- Infection Prevention and Control (IPAC) complaints and lapses
- Skin cancer prevention – tanning bed complaints
- Health Connection – Infectious diseases phoneline
- After hours staff available



Infectious Diseases Liaison Portfolio

Public Health Nurses and Inspectors are assigned to:

- Acute care facilities, long term care homes, retirement homes, and a local provincial correctional facility.
- Nurses and Inspectors support facilities to improve reporting of diseases for surveillance, case and outbreak management.

Additional supports offered:

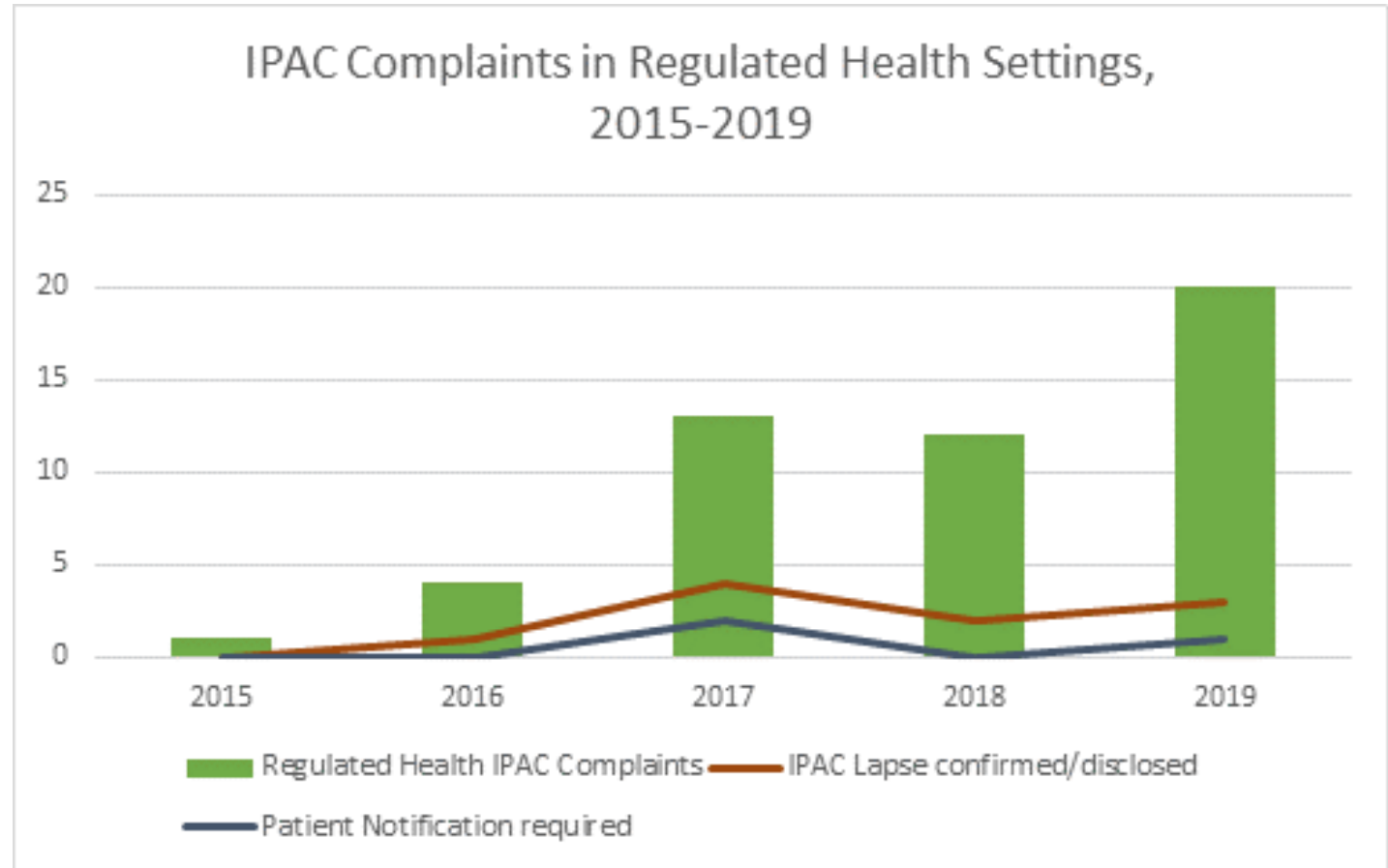
- Policy development
- Review of emergency preparedness
- Infection prevention and control

Infection Prevention and Control (IPAC) Complaints

Requirement to respond to complaints involving regulated health professionals (2015)

New focus on transparency (lapses posted to website)

Significant resource draw, particularly if patient notification needed

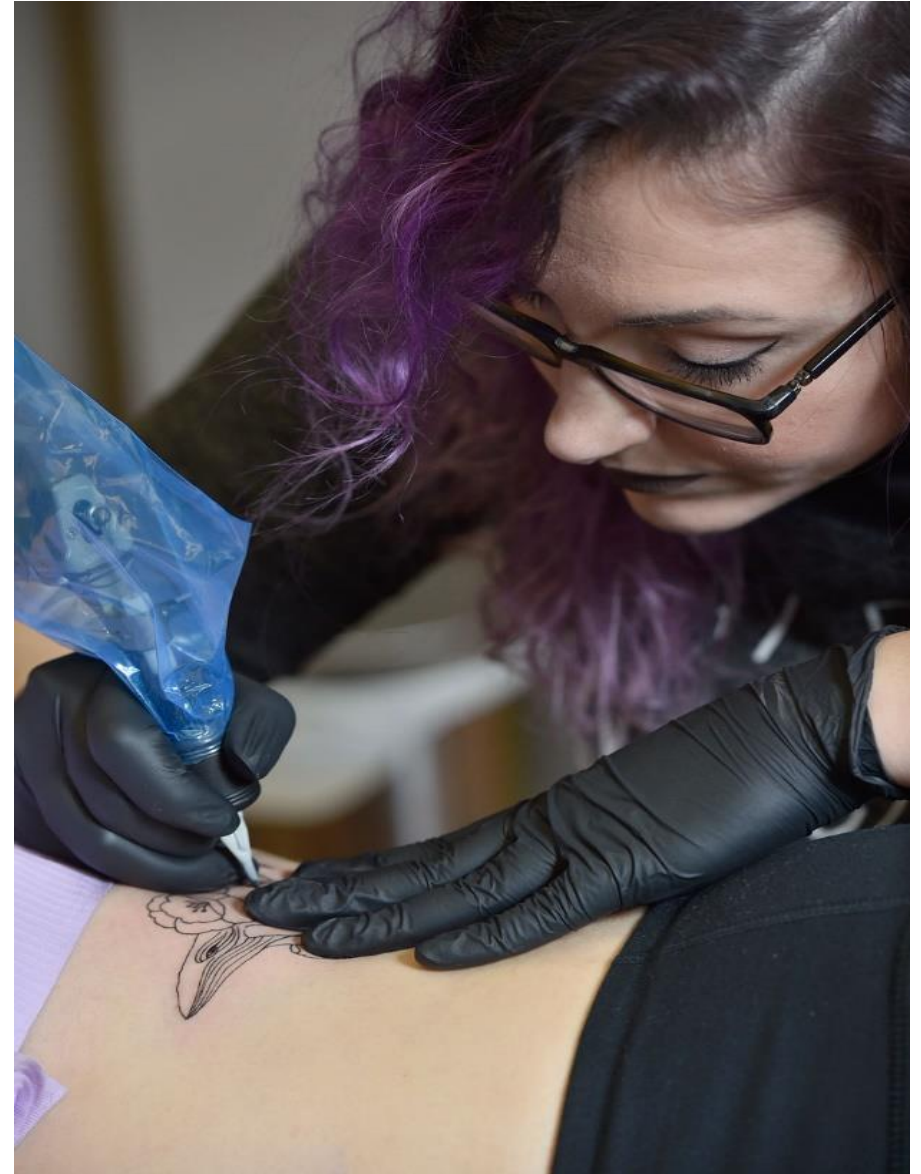


Inspection Portfolio

Food safety and Infection Prevention and Control inspections for:

224 licensed childcare settings

910 personal services settings



Disclosure

Public health inspectors check a variety of businesses in Simcoe and Muskoka to ensure they are meeting public health requirements. To help the public make informed decisions about which businesses they may want to visit, the inspection results are made available online.



CHILD CARE



infection control



Tanning Beds



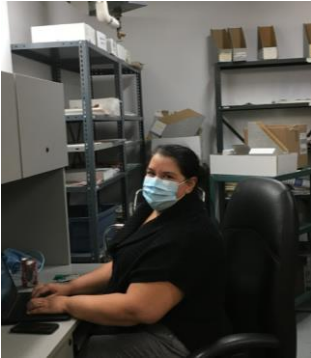
PERSONAL SERVICE SETTINGS

Aesthetics, hair styling, tattooing, body piercing



COVID-19 Portfolio

- Public health nurses, public health inspectors and admin staff
- Hospitals, long term care homes and retirement homes
- Registered practical nurses staff the phone line
- We support >200 congregate living settings (group homes, shelters, hospice)
- COVID-19 outbreak monitoring and support





Oral Health Program



Oral Health Protocol 2018

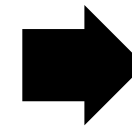
Registered dental hygienists and dental assistants conduct oral health screening and surveillance of children and youth

Screening and surveillance is done in schools, community and clinic locations

A quick, visual look in the mouth to assess if a child has urgent dental needs or would benefit from preventive services



23,729
children screened



1,809 identified and
referred in need of
urgent care

Preventive Service Provision

Our oral health team provides preventive services at clinics and school locations to children who qualify.

These services include:

- Pit and fissure sealants
- Topical fluoride application
- Scaling





Oral Health - Back to School



- Unable to screen in schools from March 2020 through September 2022 due to the COVID-19 pandemic
- Resumed school screening in October 2022 after a 2-year break.

Oral Health Funding

Cost-Shared	Ontario Works Revenue	Ontario Seniors Dental Care Program
<ul style="list-style-type: none">- School Screening- Preventative Services- Oral Health Advocacy- Professional Development	<p>Revenue is variable based on demand and service provision</p>	<p>Comprehensive services for eligible seniors who meet the income and age criteria</p> <p>Services for this program only offered through public health units</p>

SMDHU Dental Clinics

Two fixed clinic locations:

- Barrie (80 Bradford)
 - Gravenhurst
-
- Full dental services to children and adults on government funded dental benefits
 - 4,272 appointments completed in 2019
 - 3,931 appointments completed in 2022





Healthy Smiles Ontario (HSO)

- Free government-funded program designed for lower-income families
- Preventative, routine and emergency dental care for children 17 years old and under
- Eligibility based on household income and child's age
- Coverage period up to 1 benefit year or up to the child's 18th birthday
- Includes visits to a licensed dental provider

Integrated HSO Program



Program Stream	Program Qualifications	Eligible for...
Core	<ul style="list-style-type: none"> Low income based on taxes Social assistance enrollment 	Preventive, routine, emergency or essential care
Emergency and Essential Services	<ul style="list-style-type: none"> Urgent clinical need Self declaration of financial hardship 	Preventive, routine, emergency or essential care
Preventive	<ul style="list-style-type: none"> Preventive clinical need Self declaration of financial hardship 	Preventive services only, provided by Health Unit

Ontario Seniors Dental Care Program (OSDCP)



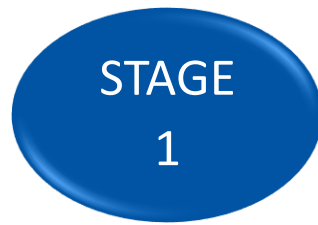
Eligibility

- 65 years of age or older
- Resident of Ontario
- Income eligibility
- No access to other dental benefits

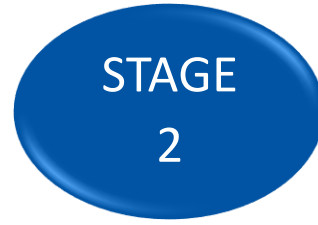
Services

- Examinations
- X-ray
- Preventive (Gravenhurst clinic)
- Restorative Extractions
(that do not require referral)
- Root canals
- Dentures with a co-pay available
at participating Denturists

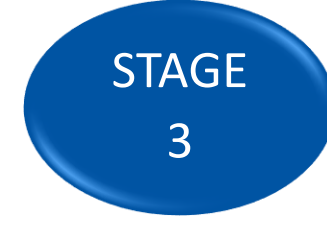
Seniors Dental Clinic Expansion 2019 - 2023



2019 Launch:
Using existing
clinic space



2020 Launch:
Expansion of
Gravenhurst clinic



2022 Launch:
Expansion of
Barrie clinic

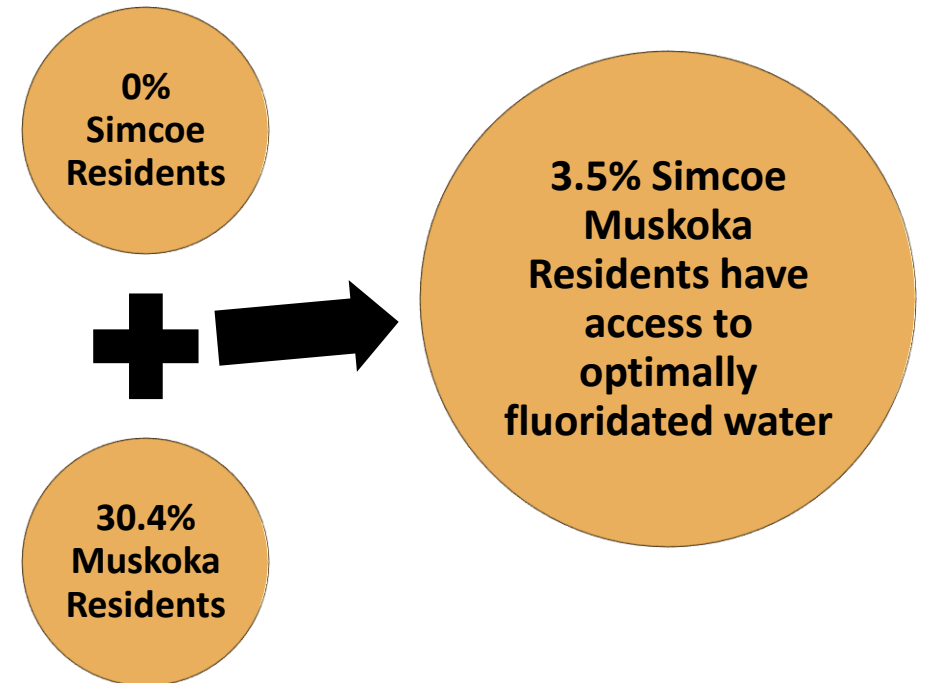


Health Promotion and Advocacy

- Health unit role = advocating for increased access to dental care
- Priority populations: seniors as well as working poor adults and families

Community Water Fluoridation (CWF)

- Fluoride content in municipal drinking water helps to prevent tooth decay
- Proven to be a safe and effective way to reduce dental cavities for the population
- Health unit advocates for CWF and defends local challenges





Vision Screening Program



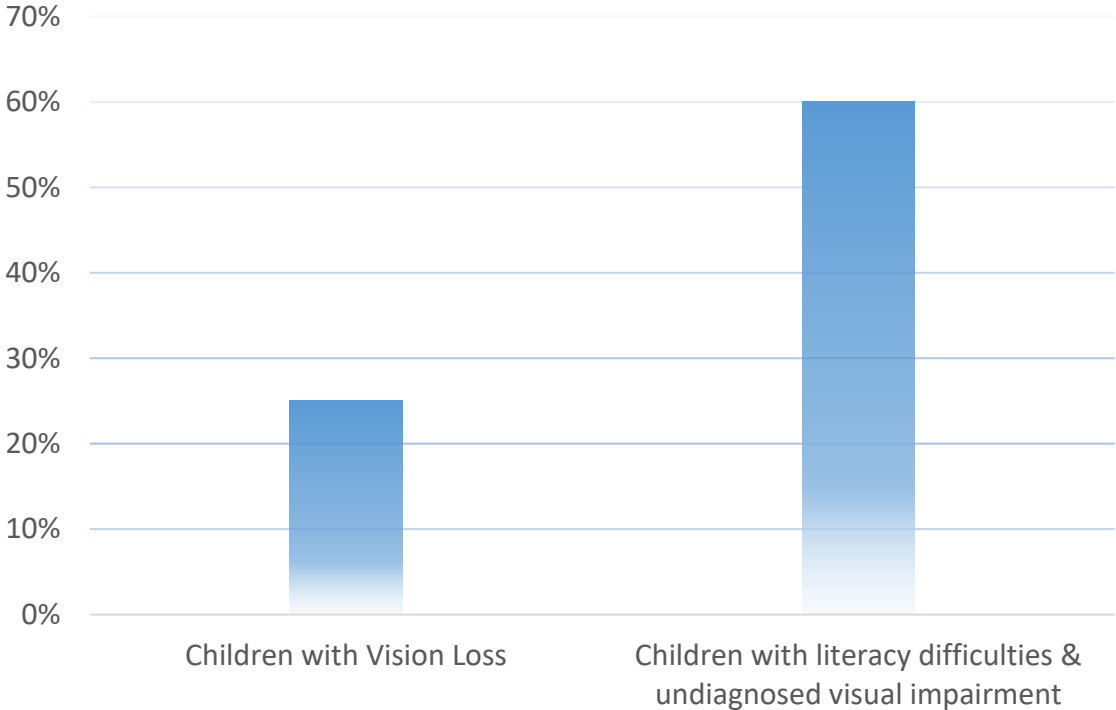
Childhood Visual Impairments

Three Most Common Visual Impairments:

- Refractive Errors
- Strabismus
- Amblyopia

80% of classroom learning is **visual**

IN THE CLASSROOM - ONTARIO



Vision Testing Methods



Photo by pixabay



Randot® Preschool Stereoacuity Test



HOTV Visual Acuity Chart with Crowding Bars



Autorefractors

Current Evidence

Undiagnosed Vision Problems

- Social isolation
- Learning difficulties
- Lower academic success
- Under-employment
- Un-employment
- Poverty

Prevention

- Early detection
- Follow-up
- Timely treatment



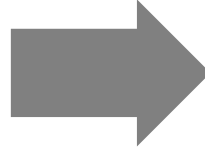


Sexual Health Program



Sexual Health Services

For low income, transient, high school students, post secondary students (including international students)



Free services are available and accessible in-person or by phone for clients with or without OHIP



A variety of services are available:

- Testing
- Treatment
- Community Referral
- Counselling

Outreach

Public Health Nurses provide on-site services including:

- Education on sexually transmitted infections and blood borne infection risks
- Naloxone distribution
- HIV point of care testing



Partnerships

[The Gilbert Centre](#)

- Supports and treatments for SMDHU clients diagnosed with HIV. Health Unit counselling room available for Gilbert Centre to meet with clients.

[Community Health Care Providers](#)

- Sexually transmitted infection medication distribution program.

[Support local PRIDE events](#)

- Nurses attend events to share information about sexual health services



Community Support

Sexually transmitted infection medications for community health care providers

Services and presentations to youth organizations such as Wasaga Beach and Clearview Youth Hubs

Provide training to Barrie Family Health Team registered nurses (Georgian College Nurse Practitioner Led clinic)

Support educators with sexual health curriculum and presentations to elementary and high school students

Responding to blood borne exposure calls

Returning to Services in 2023

Offering	Increasing	Supporting
<p>Offering services to high schools that do not have limited transportation or access to branch office sexual health clinics</p>	<p>Increasing outreach clinics in the community that offers education and testing/treatment for clients</p>	<p>Supporting health care providers and emergency response sectors through knowledge exchange networks and professional development opportunities</p>

Photo by pixabay



Immunization Program

Vaccines Work

- Table illustrates the reduction of six vaccine-preventable diseases in Canada
- Comparing the number of cases before and after the introduction of each vaccine
- Decrease in disease following vaccination 2013 - 2017

	Cases before	Decrease in cases	Cases after
Diphtheria	8,142	>99%	3
Measles	53,584	>99%	151
Mumps	36,101	98%	565
Pertussis	17,777	84%	2,769
Polio	2,545	100%	0
Rubella	14,974	>99%	1

Cases before: Average number of disease cases reported yearly in Canada during the five years before routine vaccine use, or the closest possible five years where stable reporting was occurring.
 Cases after: Average number of disease cases reported yearly in Canada from 2013 to 2017.

Source: Vaccines Work, 2023 - <https://www.canada.ca/en/public-health/services/publications/healthy-living/vaccines-work-infographic.html>

Providing Immunizations

- Continuing COVID-19 vaccination efforts in 2023
- School immunization program for Grade 7
- Hepatitis B, Meningococcal, Human Papillomavirus Virus (HPV)
- Routine immunization clinics for publicly funded vaccines
- Immunization promotion and education
- Adverse events and Surveillance
- Cold chain and inventory oversight



Immunization Record Review



Under Immunization of School Pupils Act, the following immunizations are required in Ontario:

- ✓ Diphtheria
- ✓ Tetanus
- ✓ Polio
- ✓ Pertussis
- ✓ Measles Mumps Rubella;
- ✓ Meningococcal (Men-C-ACY-W135)
- ✓ Chickenpox (born 2010 or later)

The health unit is required to maintain immunization records for:

- All children enrolled in licensed childcare
- All elementary and secondary students enrolled in school
- A valid medical exemption or affidavit must be submitted for those refusing vaccination

Promotion of Immunization

Health Promotion and Education

- Social Media
- Website
- Healthcare Professionals Resources

Phone Line Support

- Public Phone Line
- Healthcare Provider Phone line
- Reporting of Adverse Events Following Immunization

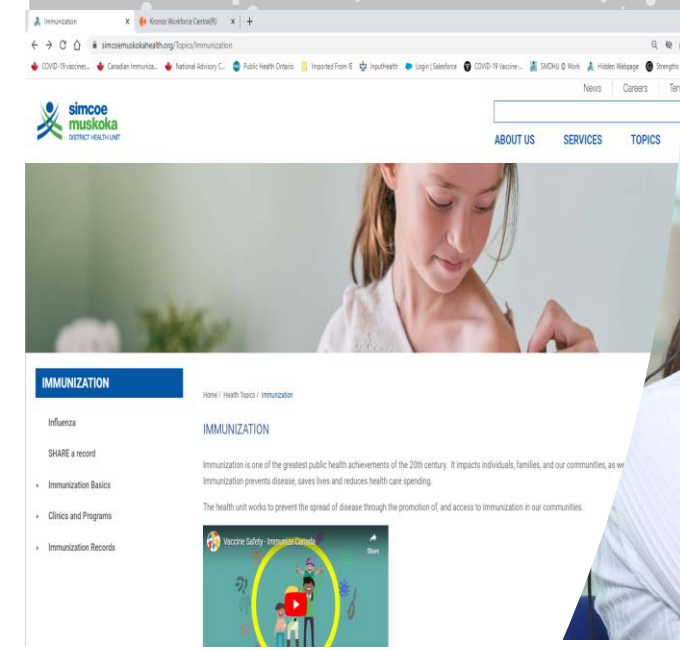


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Paediatric shot clinics

available for children 6 months to 5 years
of age who do not have a family doctor.





Vaccine Storage and Handling

- Monitor fridge and vaccine inventory for hospitals, pharmacies, health care provider practices and other institutions
- Vaccine inventory management for over \$15M of vaccine yearly – value does not include COVID-19 vaccine
- Annual fridge inspections – approximately 500 locations per year

School Focused Nurses

- October 2020 - SMDHU recruited 26 FTE Public Health Nurses
- School Focused Nurses contribute to infection prevention and control (IPAC) assessments and are integral in supporting the school- based immunization backlog from the 2019-2020 and 2020-2021 school years
- SMDHU strives to continue to recruit School Focused Nurses to support COVID-19 Infectious Diseases and Immunization programs
- SMDHU currently employs 14 School Focused Nurses until the end of June 2023

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August 11, 2020

MEMORANDUM

TO: Medical Officers of Health
Associate Medical Officers of Health
Chief Nursing Officers

FROM: Dr. David Williams
Chief Medical Officer of Health - Ministry of Health

RE: Planning and Recruitment for School-Focused Nurses in Public Health Un

School-Focused Nurses Initiative

Evaluation Report
April 2021 – May 2022

AUGUST 2022



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Simcoe Muskoka to hire 20 additional nurses for return to school

August 28, 2020 · 0 Comments

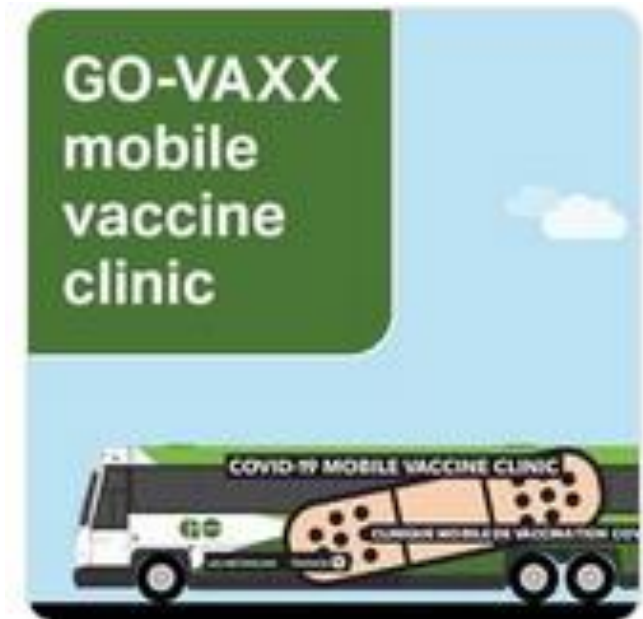
Since Dec 22, 2020 over
1.5 Million covid vaccine doses
have been administered across
Simcoe County & Muskoka

COVID-19 Immunization

- COVID-19 Immunization Clinic (29 Sperling Drive, Barrie) operates 5 days per week
- All regional SMDHU offices operate 1 COVID-19 Immunization clinic per week
- Pop-up COVID-19 Immunization clinics are offered weekly in each region
- Provision of vaccine and/or immunization support to:
 - 30 Long Term Care homes
 - 50 Retirement homes
 - 13 Seniors Congregate Living homes
- Vaccinations to homebound clients by SMDHU nurses

COVID-19 Immunization Partners

- The Provincial Go Vaxx Bus is a mobile vaccination clinic that provides public clinic locations and resources for targeted indoor clinics
- GoVaxx supported vaccination in Simcoe and Muskoka providing 32,152 doses
- Pharmacies
- Hospitals
- Primary Care Practitioners
- Urban Indigenous and First Nations communities



Responding to Ever Changing Program Needs and Priorities

- Ongoing COVID-19 vaccination
- Catch-up for grade 7 vaccines due to the COVID-19 pandemic
- Large routine immunization catch-up as a result of the COVID-19 pandemic
- Outbreaks in the community that requires vaccination

Health unit hosting Hep A vaccine clinics in wake of mango recall

The Canadian Food Inspection Agency has issued a recall on frozen mango products because of a possible Hepatitis A contamination

