Since the beginning of the COVID-19 pandemic, Ontario's 34 local public health agencies (LPHAs) have been at the forefront of the ongoing response. They have prevented COVID-19 transmission, hospitalizations, and death through enactment and enforcement of public health measures, case and contact management, outbreak management, infection prevention and control, communication of credible advice to the public, coordination with local and provincial partners and leadership of the vaccination campaign.

These extraordinary efforts have come at the expense of nearly all the routine programs and services mandated by the Ontario Public Health Standards (OPHS) as their resources were redeployed almost exclusively to the pandemic response. This has resulted in a backlog of public health work that will have immediate and longer-term impacts on population health.

The purpose of this report is to demonstrate the need for additional investments in public health that will be required to clear the backlog, resume routine programs and services, and maintain an effective pandemic response. The content is adapted from an earlier and more detailed draft report that the Council of Ontario Medical Officers of Health (COMOH) submitted to the Chief Medical Officer of Health in early October. This was informed largely by a survey of all 34 public health units that gathered information about program deficits since 2020.

KEY FINDINGS: IMPACTS ON MANDATED PUBLIC HEALTH PROGRAMS AND SERVICES

Just like the widely reported “surgical backlog” in health care, a health promotion and protection backlog has accumulated since March 2020, which is certain to have a significant and measurable effect on the health of Ontarians for years to come.

OPHS mandated public health programs and services have been significantly curtailed for nearly two years, with an average of 74% of 2020 LPHA resources and 78% (to date) of 2021 LPHA resources having been diverted to the COVID-19 response. This increase reflected a general upward trend as the pandemic evolved, and additional resources had to be secured to meet the demand throughout the province. Uncertainties about funding sources presented a challenge to managing extraordinary costs and allocating resources.

Health protection programs such as Safe Water, Infectious and Communicable Disease Prevention and Control, and Emergency Management Standards had the highest rates of completion, but most were response-driven and prioritized according to the level of risk, which in turn would focus primarily on COVID-19 related threats.

The Chronic Disease Prevention and Well-being and School Health Standards, which include injury prevention, healthy eating and physical activity, immunization, mental health, and substance use, had the lowest rates of completion. The population health impact of these deficits will be felt over a longer period and will almost certainly be magnified by the effects of the pandemic, which will in turn add to the cost of catching up on the OPHS mandates in these areas.
Specific concerns were expressed about the program backlogs related to children’s health. Since the onset of the pandemic in March 2020, oral health screening in schools effectively ceased, and the Healthy Babies Healthy Children (HBHC) visits for vulnerable families and children were significantly reduced. Additionally, approximately 80% of the routine school immunization program was not completed during this time. Estimates indicate that this could account for a current backlog of up to 300,000 school-based vaccinations/year across the province.

Summary of PHUs self-reported completion of OPHS Standards in the context of the COVID-19 pandemic:

LESSONS LEARNED: PROCESS IMPROVEMENTS AND REINFORCEMENT OF PARTNERSHIPS AND COLLABORATION

The COVID-19 pandemic presented opportunities for public health to demonstrate its resilient and innovative capacity to meet local needs despite major resource challenges. Technological innovation, enhanced coordination with a wide range of partners, improvements to processes such as data analysis, reporting, surveillance, and communications, and the application of data to inform health equity approaches were highlighted. Each of these is expected to yield lasting benefits beyond the COVID-19 response.

RESTORING PUBLIC HEALTH’S WORK TO IMPROVE THE HEALTH OF ONTARIANS

LPHAs are beginning to develop recovery plans, which are aimed at resuming their vital and mandated programs and services under the OPHS while continuing to provide an effective ongoing response to COVID-19. These plans include ongoing assessments of program deficits that have resulted from the pandemic response and recommendations for a phased and priority-based approach to returning to full service while giving special attention to the public health needs of populations that have been disproportionally affected. Program areas that address mental health, substance use and harm reduction, child immunization catch-up, food safety inspection, and oral health were cited as priorities for the earliest stages of the recovery.

STRENGTHENING PUBLIC HEALTH FOR A MORE RESILIENT ONTARIO

Substantial recovery efforts will not be possible if the pandemic response continues to consume the bulk of local public health resources. While mitigation funding from the Province has been helpful, clearer and more timely assurances of funding for both routine and extraordinary public health activities will be required to inform budgets over multiple years. Additional and immediate investments will be required as maintaining COVID-19 response activities while resuming OPHS activities will not be feasible without additional resources. Recovery will also require addressing high levels of stress and burnout among public health staff to support their personal recovery.
RECOMMENDATIONS

Provincial support for an ongoing pandemic response: Maintain ongoing provincial investments in science, structures, and resources in support of the multi-sector effort required to effectively manage the COVID-19 pandemic.

- Ongoing provincial coordination of the response between sectors
- Maintenance and review of provincial guidelines and tools, commitment to effective communications, and central support for local public health implementation and adaptation of provincial guidance based on local community needs.
- Strengthening Public Health Ontario's capacity to provide scientific and technical advice to government, public health, health care, and related sectors

Provincial support for Local Public Health Agencies: Protect and promote the health of Ontarians through financial investments in PHUs that are clearly communicated and committed early in the fiscal year:

- Ongoing one-time COVID-19 funding for 2022 to support the COVID-19 response and ensure the ability to maintain required staffing level.
- One-time recovery funding to support recovery efforts, as outlined in this report, and to allow PHUs to address priority areas.
- Increase base funding, including but not limited to the addition of COVID-19 as a disease of public health significance beyond 2022.

Provincial support for evaluation and renewal: Continue to work with Ontario’s public health stakeholders (Public Health Ontario, Office of the Chief Medical Officer of Health, Local Public Health Agencies) to develop the vision for a stronger responsive public health sector with the capacity to address population health needs through various partnerships into the future.

- Ensure that Ontario launches a comprehensive review and assessment of all aspects of the pandemic response to inform strategies for improvement.
- Ensure that public health stakeholders have the capacity and resources to participate fully in the review and in formulating recommendations.