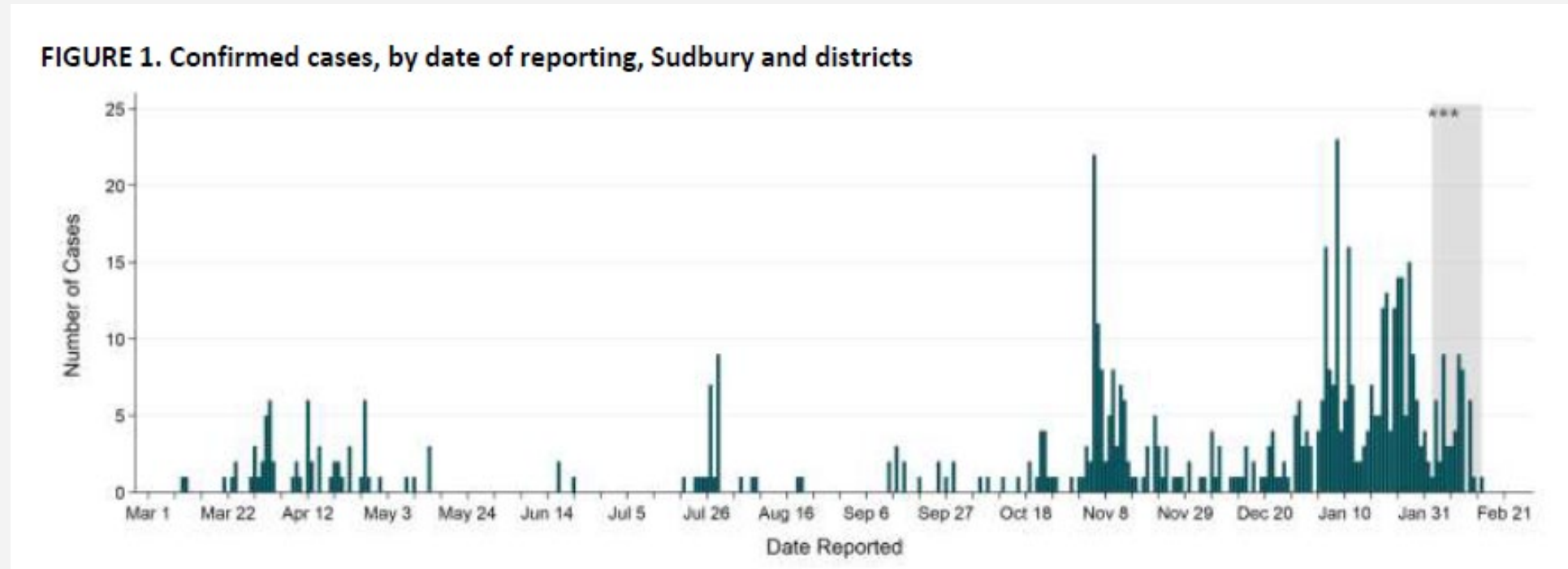


COVID-19 Vaccination Program

Board of Health

February 18, 2021

Cases over time



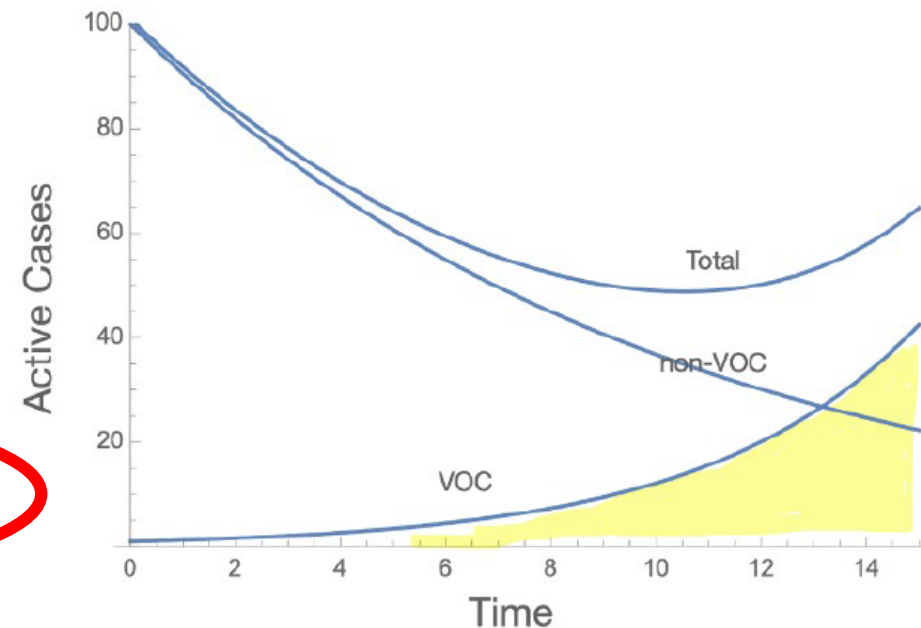
Total cases as of February 15, 2021 at 4:00 PM: **567** cases

Total cases to time of presentation: **575** cases

Total active outbreaks: **6**

The highly transmissible B.1.1.7 variant will soon dominate.

- Variants are likely between 5% and 10% of cases now.
- To prevent an increase in total cases R_e for B.1.1.7 needs to be below 0.7.
- Current R_e is between 0.8 and 0.9, it has only approached 0.7 once.
- Public Health Measures appear to be effective against all variants.
- First cases of B.1.351 (detected in South Africa) and P.1 (detected in Brazil) detected in Ontario.



Vaccine vs. Variant: COVID-19 vaccines

Approved in Canada:

- Pfizer-BioNTech Vaccine: December 9, 2020
- Moderna Vaccine: December 23, 2020







Light at the end of the tunnel...

**Our goal is to vaccinate all Ontarians who want/can have the
vaccination by early August 2021**

...but hurry up and wait.

ONTARIO'S COVID-19 VACCINATION PROGRAM

PHASES

	VACCINE QUANTITY	POPULATION TO BE VACCINATED	DISTRIBUTION SITES
 	<ul style="list-style-type: none"> Initial doses vaccinated as planned over 2,500 people, with additional shipments arriving over the coming weeks. 95,000 doses of Pfizer-BioNTech and almost 53 000 doses of Moderna vaccines have been delivered. An estimated total of over 2M doses is expected in this phase. 	<ul style="list-style-type: none"> Residents, essential caregivers, and staff of congregate care settings for seniors. Health care workers. Adults in First Nations, Métis, and Inuit populations. Adult recipients of chronic home health care. 	<ul style="list-style-type: none"> Initially, two pilot sites, followed by selected hospital sites in Grey-Lockdown and Red-Control zones, expanding to approximately 21 hospitals across the province. LTC Homes and Retirement Homes as soon as feasible.
 	<p>Increasing stock of vaccines available.</p>	<p>Continued for health care workers, long-term care homes, retirement homes, home care patients with chronic conditions, and additional First Nations communities and Indigenous populations, including Métis and Inuit individuals. When additional doses available, populations to be vaccinated TBD*</p>	<p>Expanded vaccination sites.</p>
 	<p>Vaccines available for every Ontarian who wants to be immunized.</p>	<p>All eligible Ontarians*</p>	<p>Widely available across Ontario.</p>

*Further prioritization may occur within this group based on available vaccine supply, grounded in an ethical and data-driven framework

<https://www.ontario.ca/page/ontarios-vaccine-distribution-implementation-plan>

Dec 11, 2020

Vaccine – Ontario

Status

All data reflects totals from 8 p.m. the previous day. Last updated on **February 17, 2021** at 10:30 a.m.

For full vaccination, the vaccines approved for use require 2 doses, administered a few weeks apart.

9,107

Daily doses
administered

489,484

Total doses
administered

195,366

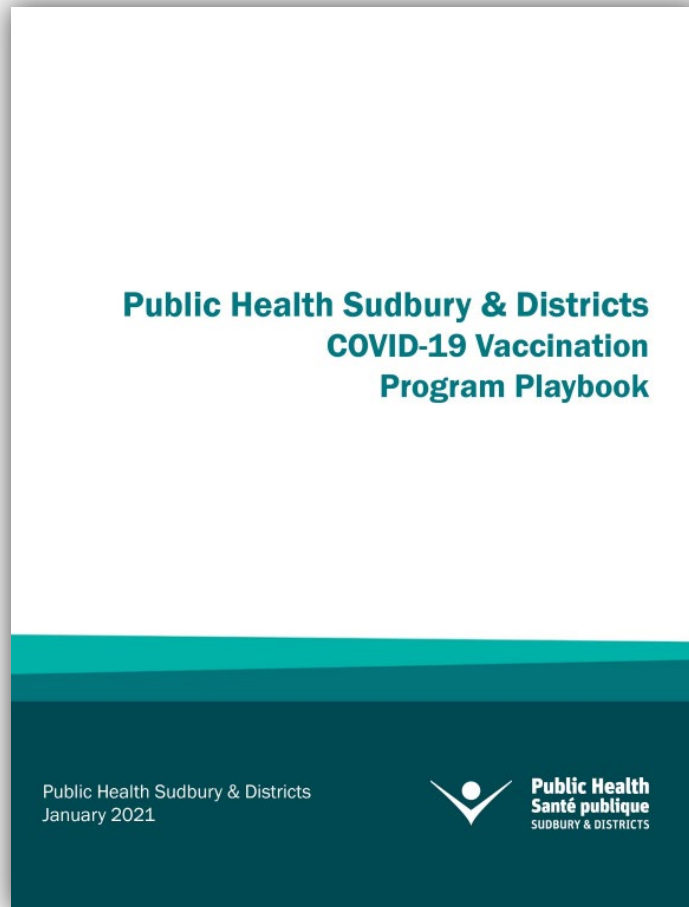
People fully
vaccinated

Rough coverage calculations based on Ontario population of 15 m (38.8% Canadian population):

- ~85% of population is eligible (12,750,000)
- ~2.3% Ontario eligible recipients vaccinated with one or two doses

[COVID-19 vaccines for Ontario | COVID-19 \(coronavirus\) in Ontario](#)

COVID-19 Vaccine Program Playbook



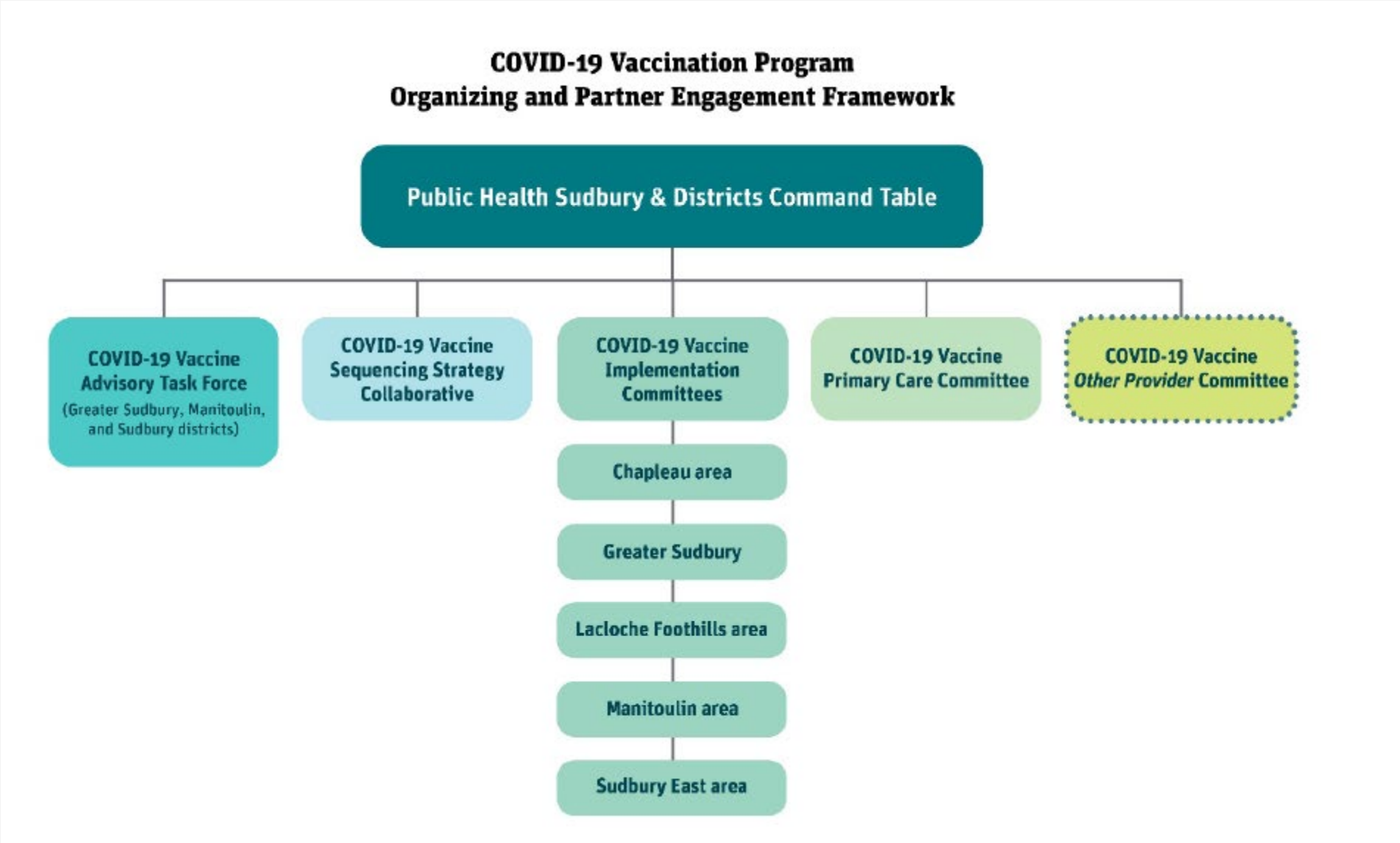
- The *Public Health Sudbury & Districts COVID-19 Vaccination Program Playbook* (Playbook) provides the **essential pillars** for the development of **geographic and sector-specific implementation plan** to achieve a vaccine coverage level of at least 75% of eligible recipients in Public Health Sudbury & Districts' service area, within the prescribed timeframe and respecting provincial direction on vaccine recipient sequencing.
- The Playbook recognizes the **diversity** of communities and capacities...
- Public Health Sudbury & Districts recognizes that its service area is within **Anishinaabe and Cree territory** and the Playbook explicitly acknowledges the rights of Indigenous peoples ... to support the COVID-19 vaccination program in ways that are aligned with **self-determination**.

https://www.phsd.ca/wp-content/uploads/2021/01/Public_Health_Sudbury_Districts_COVID19_Vaccine_Playbook_January_15_2021.pdf

Plan Components

1. Logistics
 - Vaccine storage, cold chain, distribution, health human resources, transportation, sites for mass clinics, IT, safety and security
2. Operations
 - Staffing, appointment scheduling, clinic processes, roles, training
3. Communication and engagement
 - Readiness, rollout, transparency, accountability
4. Finance
5. Data, quality and documentation
6. Evaluation

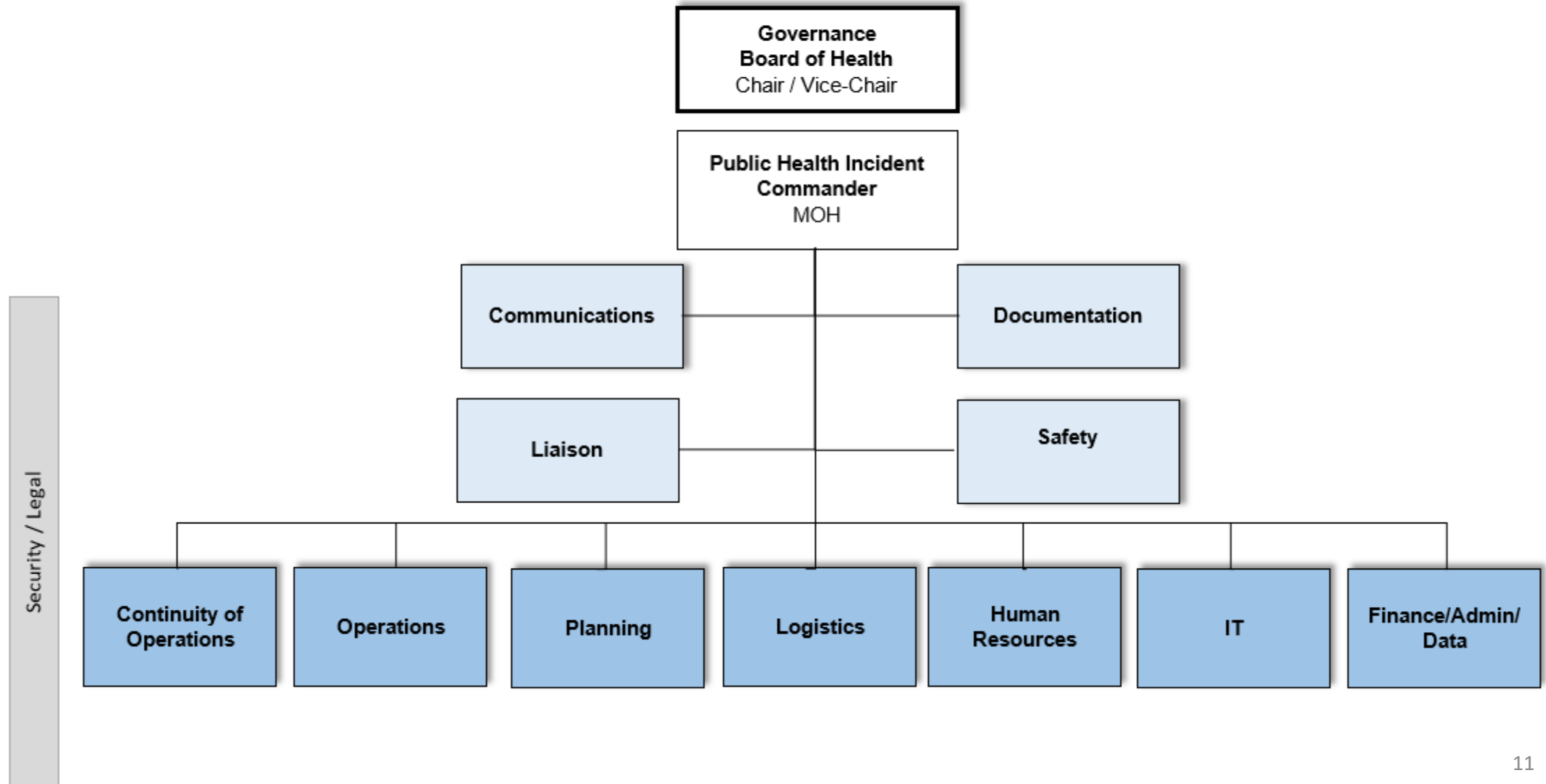
Local Organizing Structures



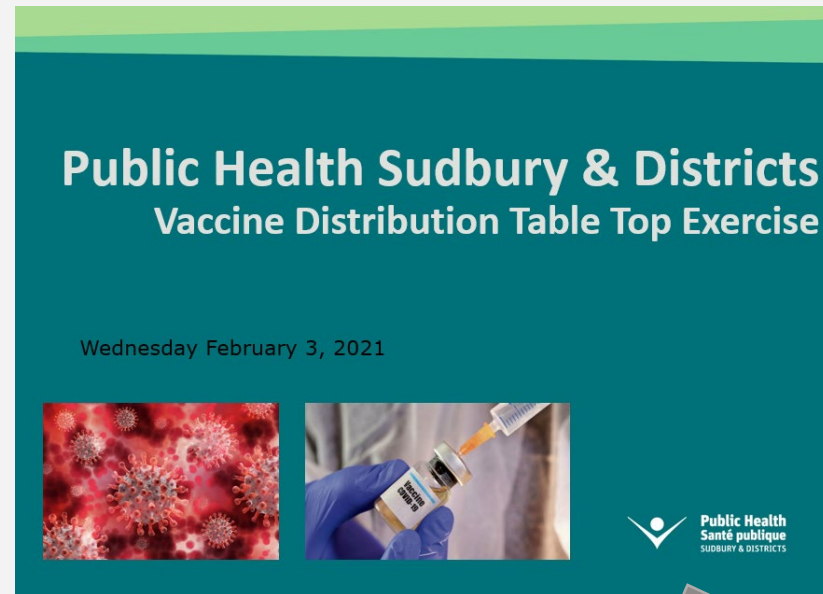
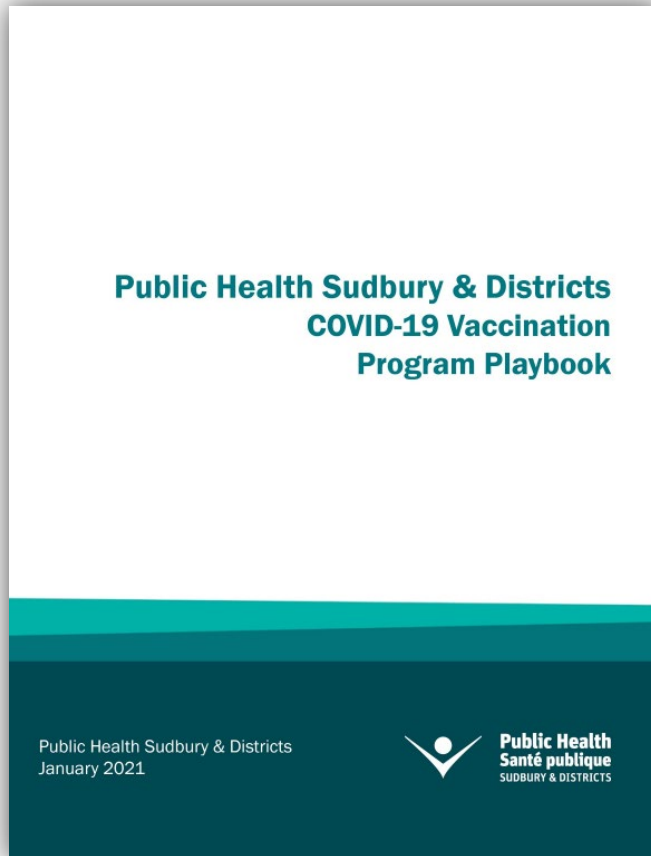
Incident Management System Chart

Public Health Sudbury & Districts
February 6, 2021

Public Health Sudbury & Districts Emergency Control Group (ECG) Incident Management System (IMS) - COVID-19 Vaccination



Playbook and Beyond...



February 6, 2021	
SATURDAY	
6	
8 AM	
9	
10	
11	
12 PM	COVID-19 Vaccine Detailed Planning Workshop Virtual / Ramsey Room Rachel Quesnel You are invited to participate in a detailed planning workshop. Those participating onsite/in the Ramsey Room, masked and respecting social distancing: Please BYOF and mask! Other ECG members can participate virtually. Materials will be available clo
1	
2	
3	
4	
5	
6	

Planning in the Face of Much Uncertainty

- Cases and outbreaks continue with risk of VOC-related third wave
- Demand continues to outstrip supply until end of March
- Priority groups for phase 1 will evolve:
 - LTCH/RH/Elders Lodge residents, staff, essential care givers
 - Seniors in congregate living
 - Chronic home care recipients
 - Highest risk HCWs
 - First Nations and urban Indigenous – unclear prioritization framework
 - 80+
- Vaccines to be administered concurrently to all priority groups
- Allocation proportionate to size of priority group and available doses
- Goal is vaccine in arms as efficiently as possible – speed trumps perfection
- Complexities include uncertain supply chain; uncertain prioritization; expectation to ramp up/down quickly; vaccine handling and storage requirements; COVax data system... ongoing pandemic

Keep it
simple!

COVID-19 Vaccination Clinic Models

Fixed site mass clinics to deliver majority of vaccine in all phases

- Scalable and nimble
- Central booking for targeted populations (e.g. aged based, HCWs, home care, Indigenous)
- Multiple providers in addition to PH (e.g. primary care, AHAC, HCC)
- Requires community partnerships to address accessibility and equity (e.g. transportation, recruitment, navigation)

Hospital-led mini-mass clinics

- Health care workers – hospital, LTCH/RH, other

Mobile clinics where necessary

- LTCH/RH/Elders Lodges

Mock vaccination staffing by vaccination approach

	Example 1a Mobile clinic 1 Immunizer (Homecare)	Example 1b Mobile clinic 3 Immunizers (Homecare)	Example 2a Practice clinic 2 immunizers (Practice Care Setting)	Example 2b Practice clinic 5 immunizers (Practice Care Setting)	Example 3a Mobile clinic 10 Immunizers (Rural Location)	Example 3b Mass clinic 10 Immunizers (Rural Location)	Example 4a Mass clinic 20 Immunizers (Community Clinic)	Example 4b Mass clinic 20 Immunizers (Community Clinic)	Example 4c Mass clinic 20 Immunizers (Community Clinic)	Example 5a Mass clinic 40 Immunizers (Community Clinic-Large)	Example 5b Mass clinic 40 Immunizers (Community Clinic-Large)
Total # of People Vaccinated	12	36	120	300	600	840	2800	5600	8400	5600	11 200
Estimated Vaccines / Immunizer / Hr	2	2	10	10	10	14	14	14	14	14	14
Hours of Immunizing Time / Shift	6	6	6	6	6	6	10	10	10	10	10
Total # of Days	1	1	1	1	1	1	1	2	3	1	2
PHN Immunizers						10	20	20	20	40	40
External Immunizers	1	3	1	4	10						
PHN Clinic Leads			1	1	1	1	2	2	2	4	4
PHN Float							2	2	2	4	4
Response Assistants (Greet and Direct, Support Check-in)							15	15	15	30	30
Response Assistants (Support Check-out)							8	8	8	16	16
Total PHSD Personnel Required			1	1	1	11	47	47	47	94	94

Human Resources Summary for Mass Clinic

16

Clinic Lead Supervise Public Health staff, immunizers and staff managing vaccine cold chain Supervise Covax data entry activities and personnel Responsible for Public Health and compliance with COVID-19 vaccine protocols Implement vaccine cold chain protocols Manage patients displaying reaction symptoms or distress Follow Public Health Sudbury & Districts Medical Directive Tracking clinic data and metrics	Patient Flow Greeting, information and guidance during clinic operation Manage rest areas Manage client flow, concerns Scheduling client - check-in/check-out/next appointment Assess eligibility for vaccination Obtain informed consent from client Recovery Safety and Security Supervise and direct on site security services and operations Coordinate with GSPS / OPP and City by-Law as required
Immunizers Provide necessary education to clients Screening client, assess client's health status and Follow Public Health Sudbury & Districts Medical Directive Administers vaccine Provide documentation to clients indicating time of administration Documents via COVax and/or paper forms.	Communications Monitor internal and external communications related to clinic operations Issue communications internal and external as required Customer service – call center Facility Lead On site logistics support and facility management Clinic set up and take-down Food and refreshment for volunteers and workers Supervise workers in logistical support role Implement pedestrian and vehicle logistics plan Ensure vaccine storage facilities are prepared and maintained in accordance with plan Power supply and standby power IT and internet capacity and accessibility
HR Monitor status of daily resourcing Assist with supplemental recruitment (staff and volunteers) as required Administer on site H&S training and ensure compliance with OHSA Monitor staff communication and resource issue Prepare regular reporting on resource matters Training and scheduling staff	On Site Command Overall coordination and leadership Responsible for mass clinic plan Direct operations on site Update and status report to Public Health IMS
Data Data entry into COVax and or paper form, tracking clinic data and metrics	

In the News

CANADA

Canada will receive zero Pfizer vaccine deliveries during last week of January

By [Rachel Gilmore](#) • Global News

Posted January 19, 2021 1:09 pm • Updated January 19, 2021 8:42 pm

Ontario adds all over-80s to COVID-19 vaccine priority list

LAURA STONE • QUEEN'S PARK REPORTER
PUBLISHED FEBRUARY 14, 2021

TRENDING

Public Health Sudbury & Districts Planning

- Had been planning with Health Sciences North for **Pfizer** hospital-based clinics
- Pivoted to planning for on-site LTCH with updated **Pfizer** mobility protocols
- Received **Moderna** vaccine for resident first dose in LTCH and high risk RH, and residents and staff at Wikwemikong Nursing Home and in Elder Care lodges
- Expecting **Pfizer** week of February 22 and March 1
- Expecting **Moderna** week of February 22

What have we done and what are our plans?

- ✓ **All long term care/high risk retirement home residents**
- ✓ **All Elder care home residents and staff**

To begin week of February 22:

- ☐ All long term care home staff and essential care givers
- ☐ Alternate level of care patients in hospitals with confirmed admission to a home
- ☐ Highest priority health care workers
- ☐ Residents in registered retirement homes
- ☐ Second dose recipients

To begin week of March 1:

- ☐ Indigenous adults in First Nations and urban settings
- ☐ Second dose recipients

Pending vaccine supply, continue with above and add in:

- ☐ Adult recipients of chronic home care
- ☐ Staff, residents, caregivers in retirement homes and other congregate seniors' settings
- ☐ Adults 80 years of age and older
- ☐ Very high priority/high priority health care workers

Perfect is the enemy of good

-Voltaire

What this means is that we should not be paralyzed into inaction because we cannot achieve a perfect solution to a specific problem. The idealized perfect solution becomes an obstacle to solutions that are adequate, or at least an improvement on what we have now.

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SUDBURY & DISTRICTS

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