

Let's Talk Informatics

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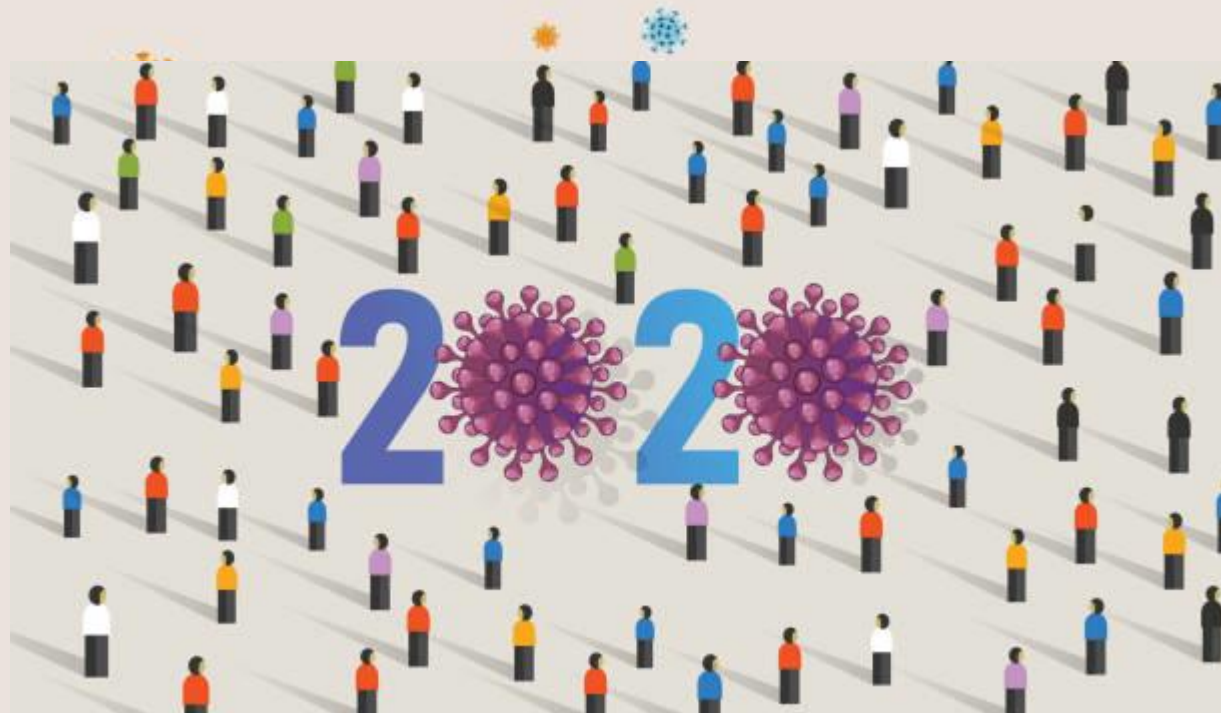
Immunization Distribution Tool

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1	Introduction
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+20,000
doses for
NS



COVID-19
VACCINE





HEALTH & WELLNESS




Distribution Tool

To create a tool in order to identify recommendations for a Point of Delivery (POD) and documentation of the formal distribution plan.

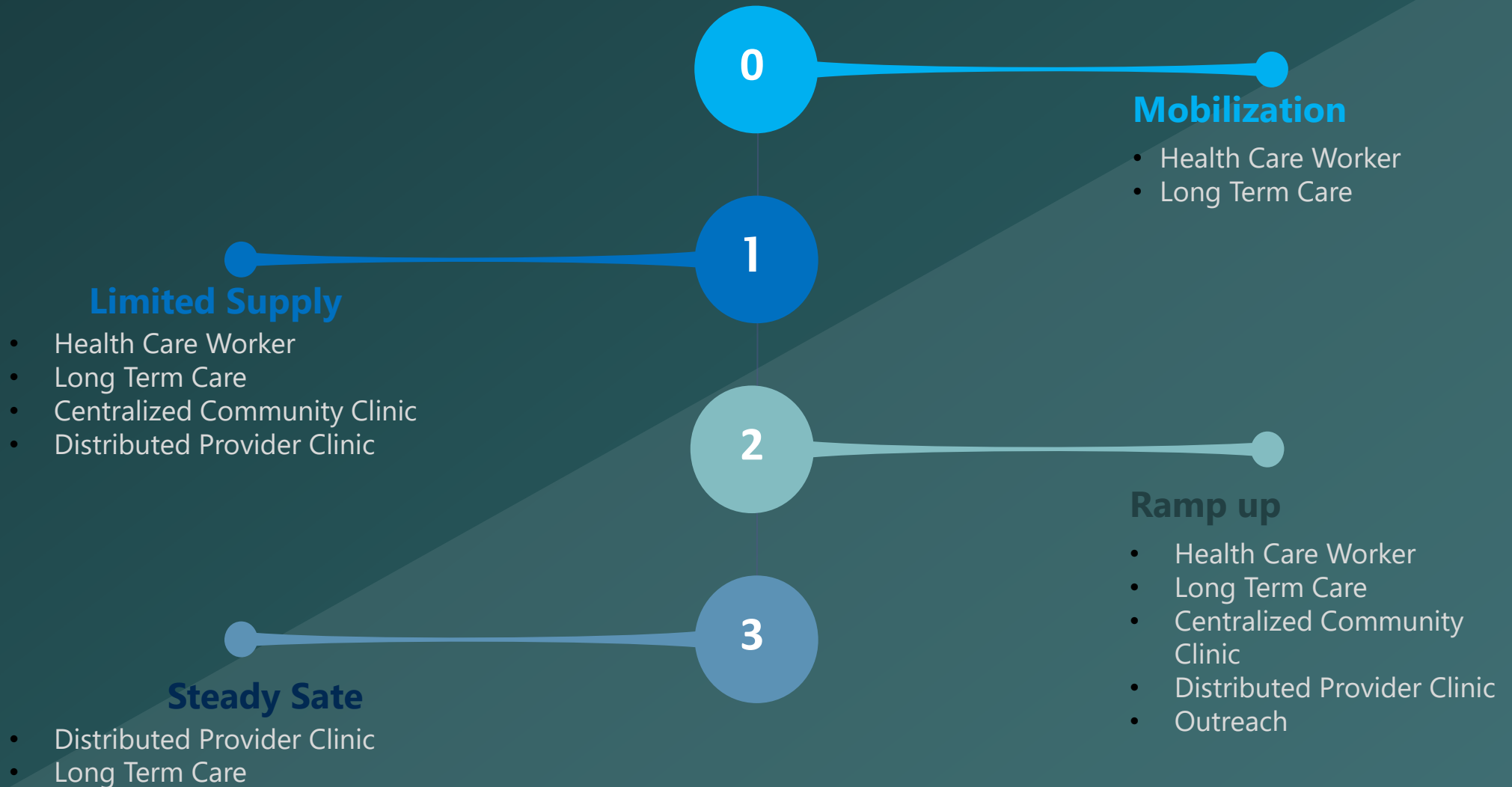


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Phases and Models of Delivery



HCW



LTC



Priority Populations

First Nations

Community



Product

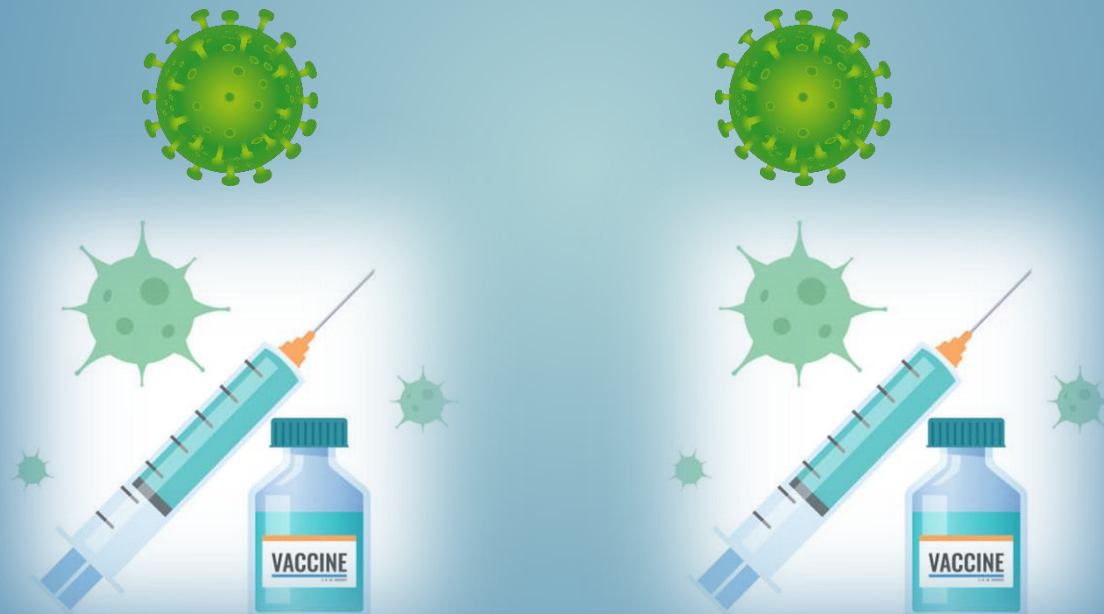


Dose Interval

21-28
days

As soon as
there's supply

105-120
days



2 doses

Same Product



Provincial
Bio-depot



Truro Public
Health



Antigonish
Public
Health



Sydney Public
Health Office



Middleton
Public Health
Office





Pri
C



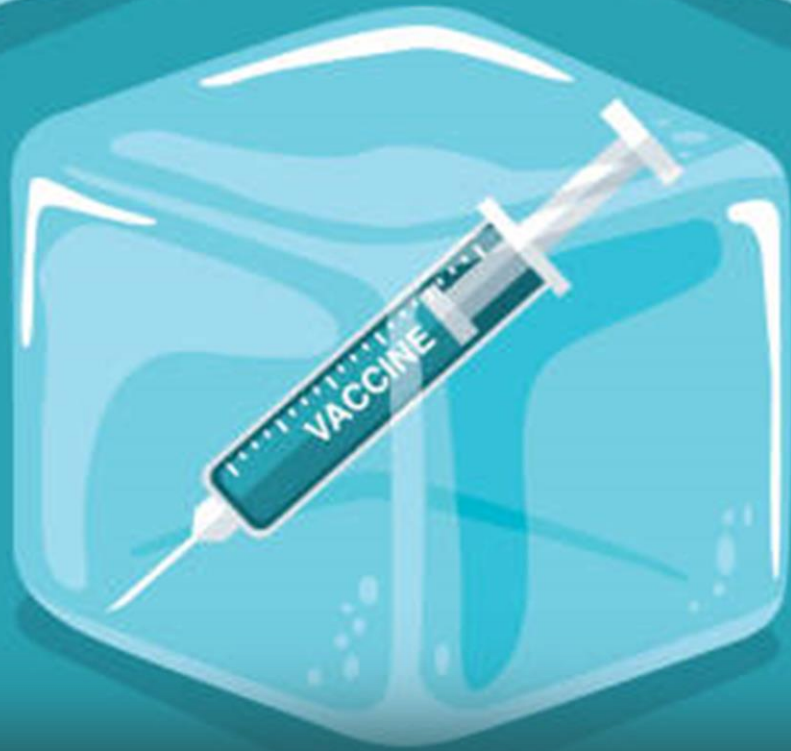



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DOSE INTERVAL

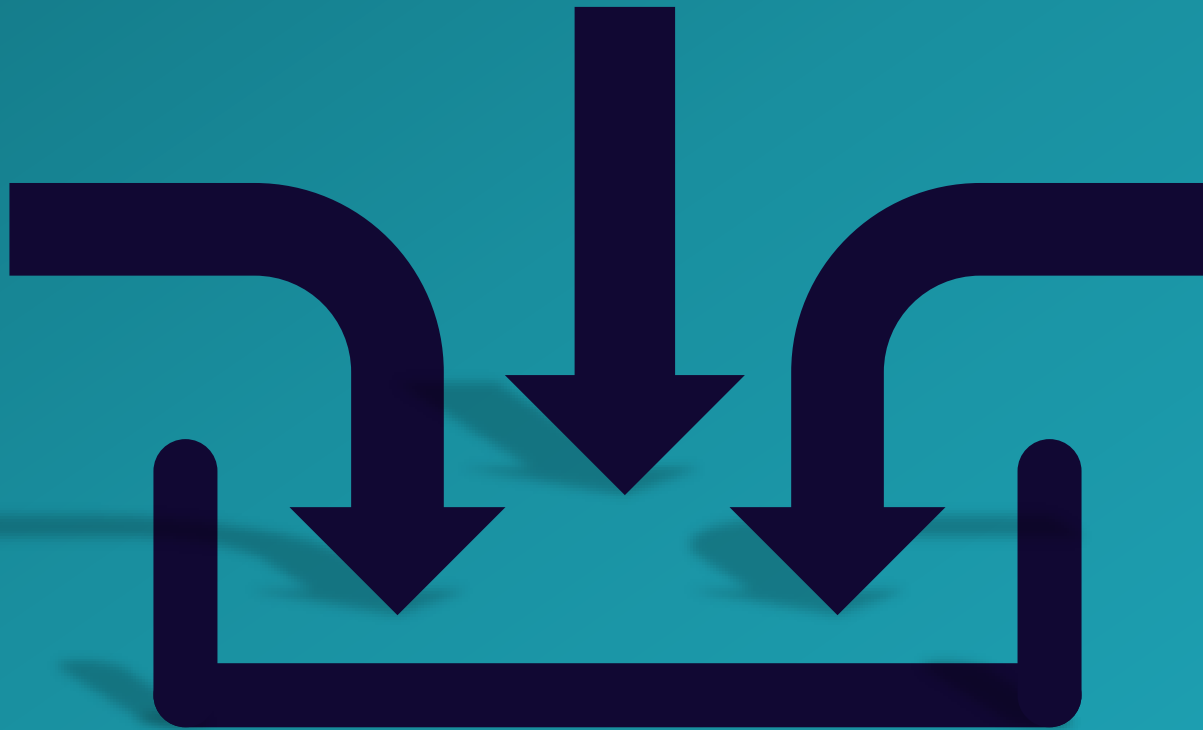


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Inputs



- National Operation Center (NOC) dose allocation plan (dose #'s and product)
- Priority Population file provided by DHW
- Vaccine Arrival Schedule
- Vaccine Products
- Point of Delivery or Distribution Sites
- Administration sites

VACCINE ALLOCATION PLAN

HCW



LTC



ations



Community





+80



70-74



55-59



40-44



25-29



HCW



65-69



50-54



35-39



20-24



75-79



60-64



45-49



30-34

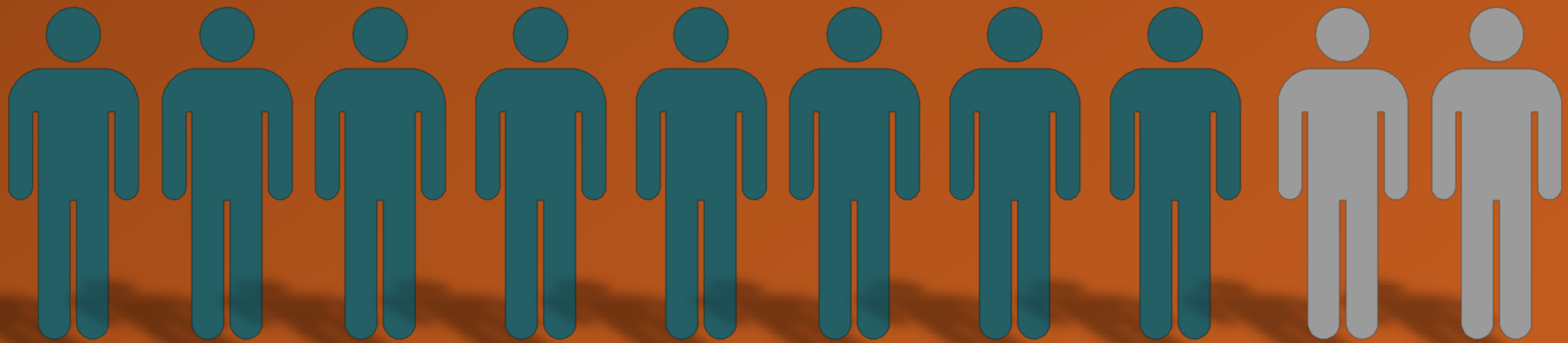


12-19



UPTAKE RATE

80%



01
DATA

Consolidation of data
Inputs

02
RULES

Create rules and
assumptions based on
operational needs

03
BASELINE

Set a baseline considering
vaccines already distributed

04
TOOL

Create a user friendly tool
to depict the vaccine
allocation/distribution
recommended

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Total Doses Allocated by Product, Distribution type and Zone

Zone Slicer



Progress

Zone	
Central	Eastern
Northern	Western

- Completed
- In progress
- Not initiated

	Pfizer	Moderna	AstraZeneca	
	Community Clinic	Pharmacy	Primary Health Care Clinic	
Central	102,720	67,860	7,000	21,000
Eastern	62,292	28,080	15,200	7,500

Central	102,720	67,860	-	-	7,000	-	-	21,000	4,000
Eastern	62,292	28,080	-	-	15,200	-	-	7,500	1,000

Zone

Product

Age

Population

Doses

Community Clinic

Pharmacy

Primary Health Care Clinic

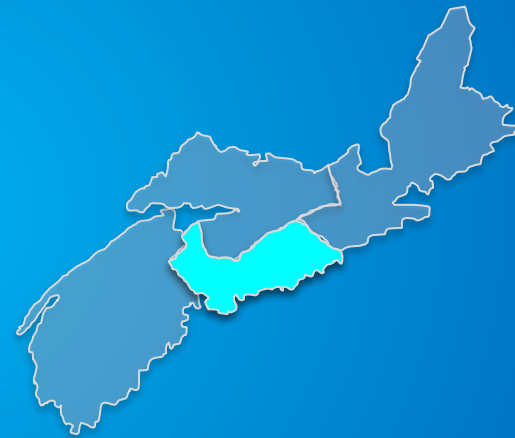
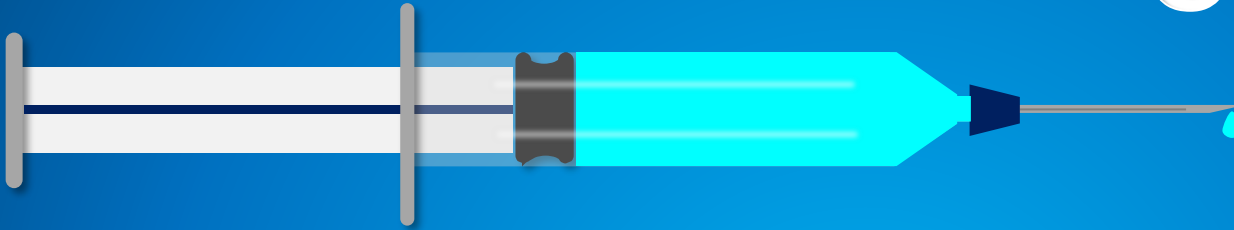
Central	80+	13,758	11,006	3,632	7,374	3,632	5,874	-	-	1,500	-	-	-
Eastern	80+	10,448	8,358	2,758	5,600	2,758	1,200	-	-	4,400	-	-	-
Northern	80+	6,116	4,893	1,615	3,278	1,615	-	-	-	3,278	-	-	-
Western	80+	12,810	10,248	3,382	6,866	3,382	-	-	-	6,866	-	-	-
Central	HCW	18,858	15,086	15,086	-	15,086	-	-	-	-	-	-	-
Eastern	HCW	4,567	3,654	3,654	-	3,654	-	-	-	-	-	-	-
Northern	HCW	2,068	1,654	1,654	-	-	-	-	-	-	-	-	-
Western	HCW	3,566	2,853	2,853	-	-	-	-	-	-	-	-	-
Central	75-79	11,568	9,254	3,054	6,200	3,054	6,200	-	-	-	-	-	-
Eastern	75-79	8,711	6,969	2,300	4,669	2,300	4,669	-	-	-	-	-	-
Northern	75-79	5,153	4,122	1,360	2,762	1,360	-	-	-	2,762	-	-	-
Western	75-79	10,716	8,573	2,829	5,744	2,829	810	-	-	4,934	-	-	-
Central	70-74	18,169	14,535	4,797	9,739	4,797	9,739	-	-	-	-	-	-
Eastern	70-75	13,477	10,782	3,558	7,224	3,558	-	-	-	7,224	-	-	-
Northern	70-76	6,267	5,014	1,654	3,359	1,654	2,799	-	-	560	-	-	-
Western	70-77	16,647	13,318	4,395	8,923	4,395	6,210	-	-	2,713	-	-	-
Central	65-69	22,004	17,603	5,809	11,794	5,809	6,294	-	-	5,500	-	-	-
Eastern	65-69	15,734	12,587	4,154	8,433	4,154	4,857	-	-	3,576	-	-	-

Recommended Distribution

ANALYSIS

Central Zone

Up until week 29



Allocated

326,600

Vaccines needed

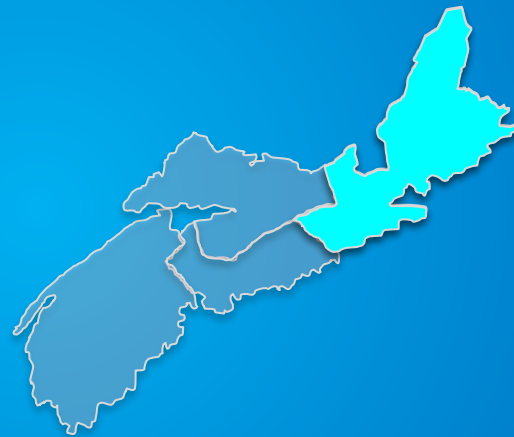
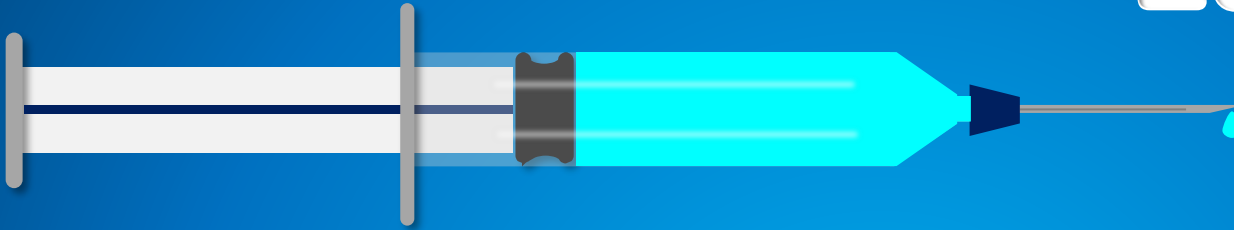
258,402

Surplus

68,198

Eastern Zone

Up until week 29



Allocated

151,512

Vaccines needed

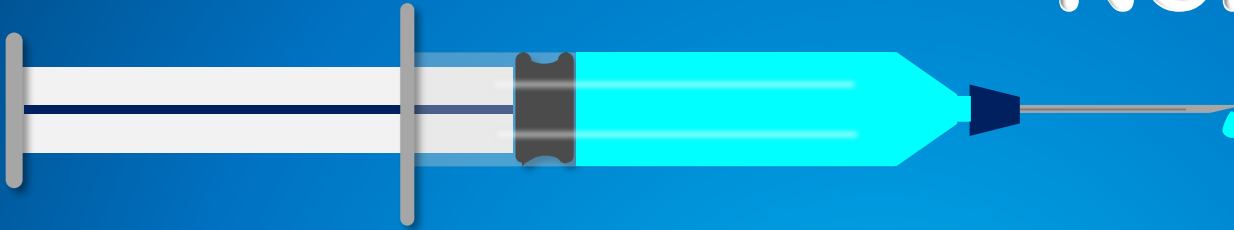
131,053

Surplus

20,459

Northern Zone

Up until week 29



Allocated

94,334

Vaccines needed

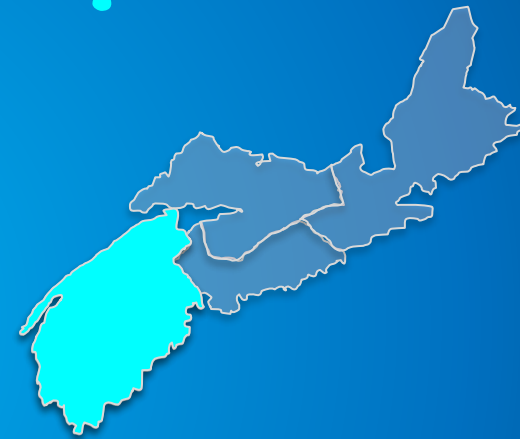
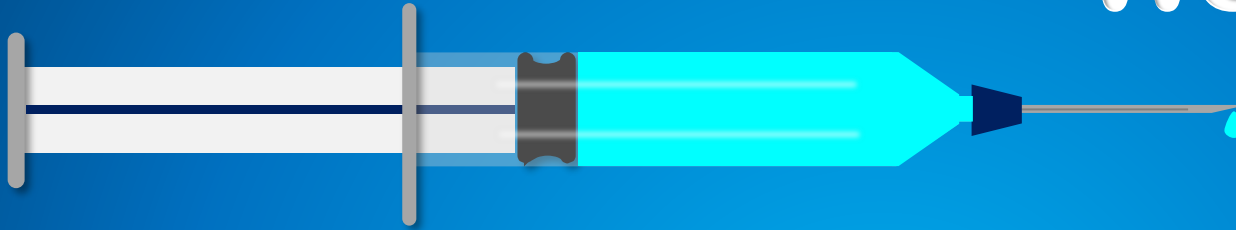
76,670

Surplus

17,664

Western Zone

Up until week 29



Allocated

194,170

Vaccines needed

159,560

Surplus

34,610

A silhouette of a person standing in the center of a circular spotlight on a stage. The spotlight is a bright white circle on a dark blue floor, with a larger, lighter blue cone of light extending upwards from it. A teal banner with white text is positioned across the middle of the image, partially obscuring the person's torso.

Emily Gosbee

THANK YOU

Public Health

