

COVID-19 Update

MAY 13, 2021

QUESTIONS: VCHELP@FNTN.CA

Outline

1. MOH Update - Dr. Wadieh Yacoub & Dr. Chris Sarin
2. COVID-19 Vaccine Update – Dr. Parminder Thiara
3. Questions

MOH Update

DR. WADIEH YACOUN, SENIOR MEDICAL OFFICER OF HEALTH

DR. CHRIS SARIN, DEPUTY MEDICAL OFFICER OF HEALTH

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HAPPY
NURSING
WEEK 2021!



National Nursing Week
May 10 - 16, 2021

Sponsored by
Johnson & Johnson
FAMILY OF COMPANIES IN CANADA

 **CANADIAN
NURSES
ASSOCIATION** ®

Top to bottom: Richard Green/StaffPhoto.com, The Globe and Mail/Photo.com, The Globe and Mail/Photo.com, The Globe and Mail/Photo.com, The Globe and Mail/Photo.com

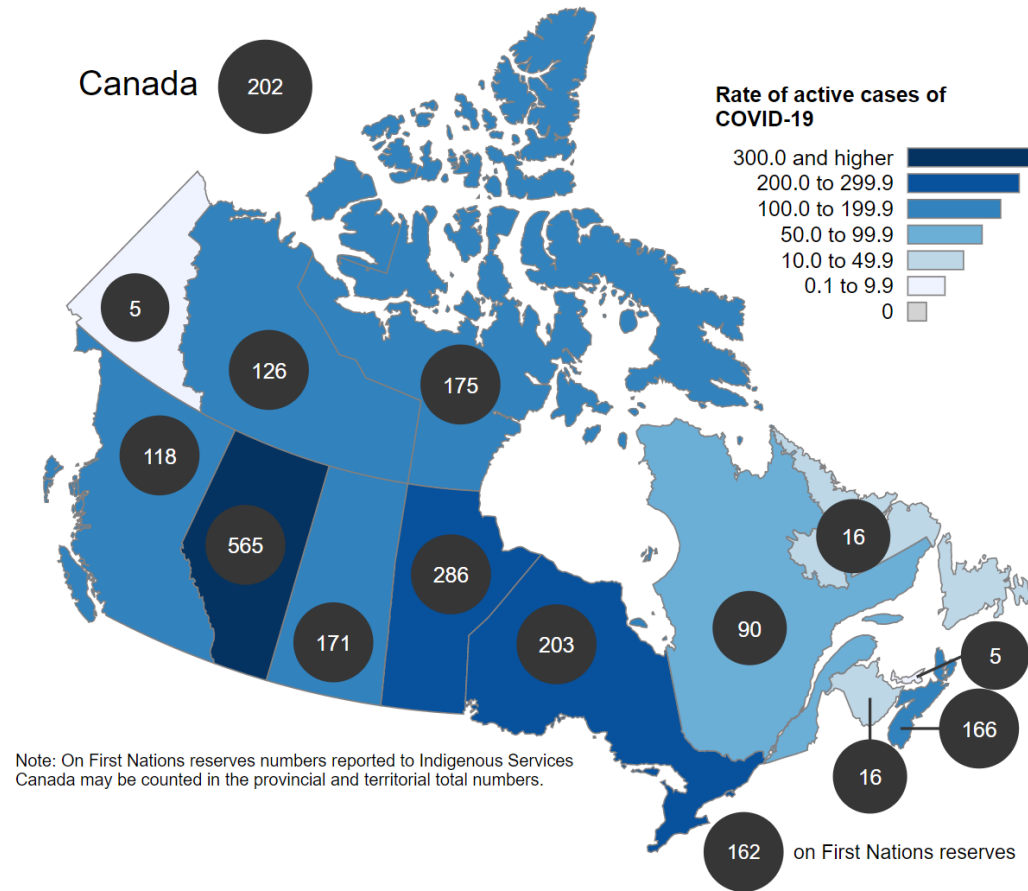
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Reminder - Privacy

- All information related to an individual who is or was infected with a communicable disease shall be treated as private and confidential
- No information shall be published, released or disclosed in any manner that would be detrimental to the personal interest, reputation or privacy of that individual.

Current Situation – Canada (as of May 12, 2021)

Total number of active cases in Canada:
76,676



Public Health Agency of Canada https://health-infobase.canada.ca/covid-19/dashboard/?stat=rate&measure=total_last14&map=hr&f=true#a2

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Current Situation - Alberta

Overview of COVID-19 in Alberta (as of May 11, 2021):

737



current hospitalizations

169



current ICU

2,123



total deaths

24,962



active cases

11.08%



percent positivity, 7-day average

81 years



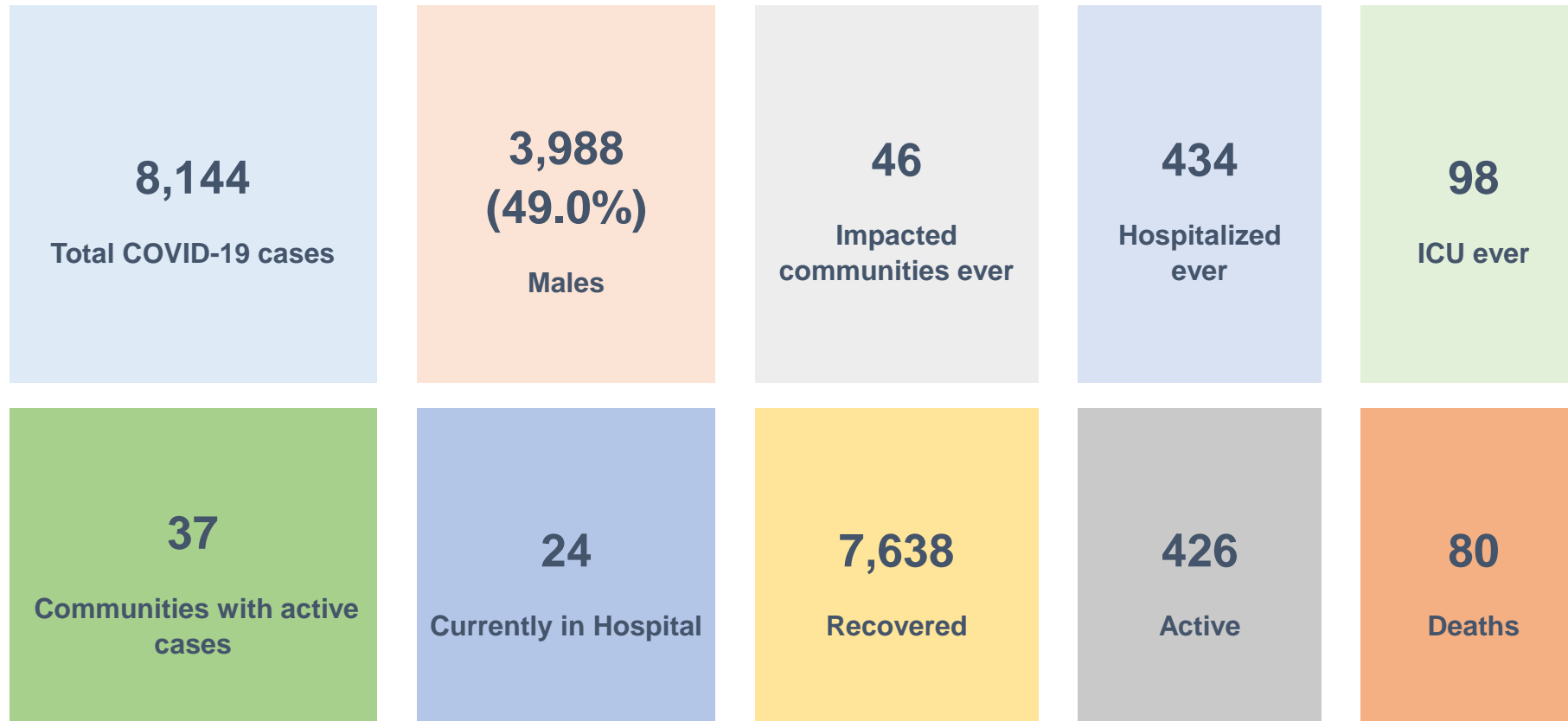
average age at death

Interactive Alberta data can be found at: <https://covid19stats.alberta.ca/>

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Overview of COVID-19 cases in First Nations communities on reserve in Alberta

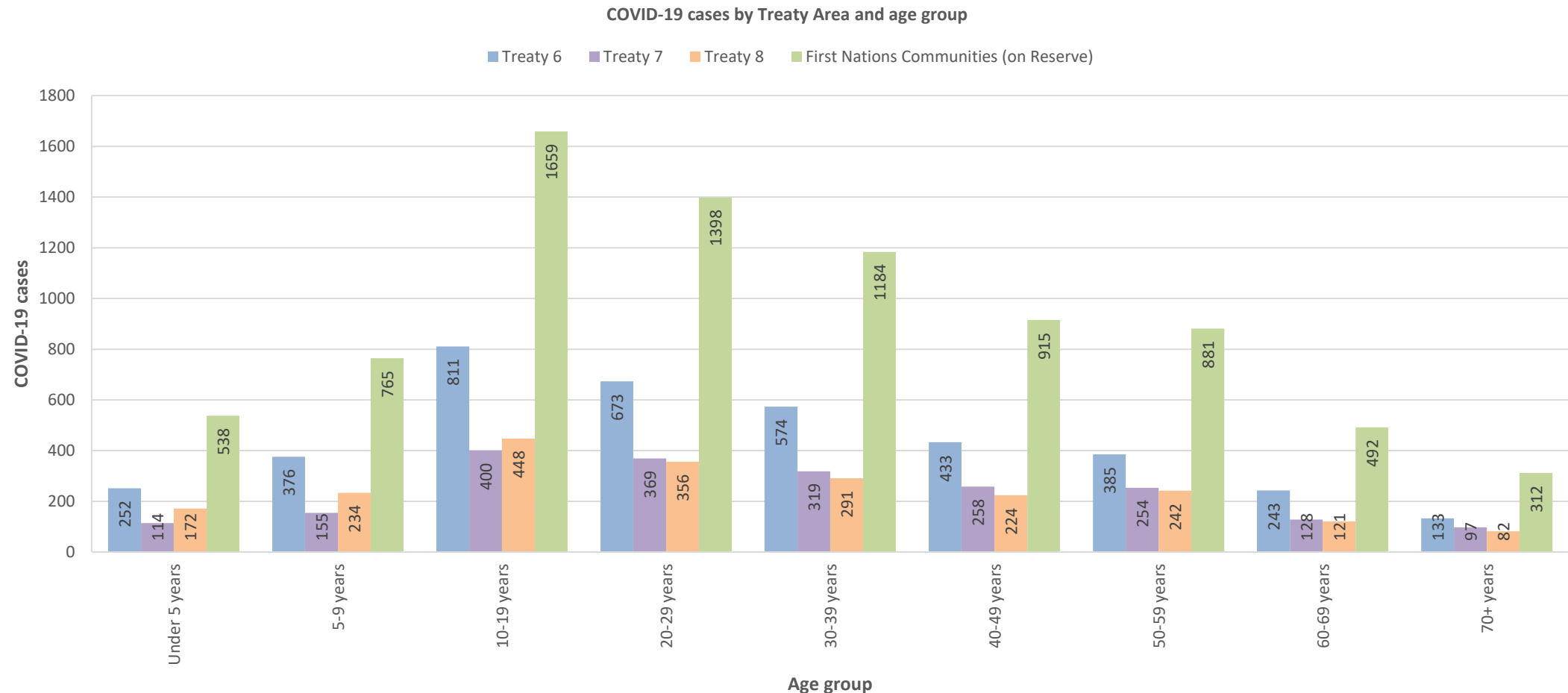
Source: FNIHB COVID-19 ER System via Synergy in Action (May 12, 2021)



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Age distribution of on-reserve COVID-19 cases in Alberta

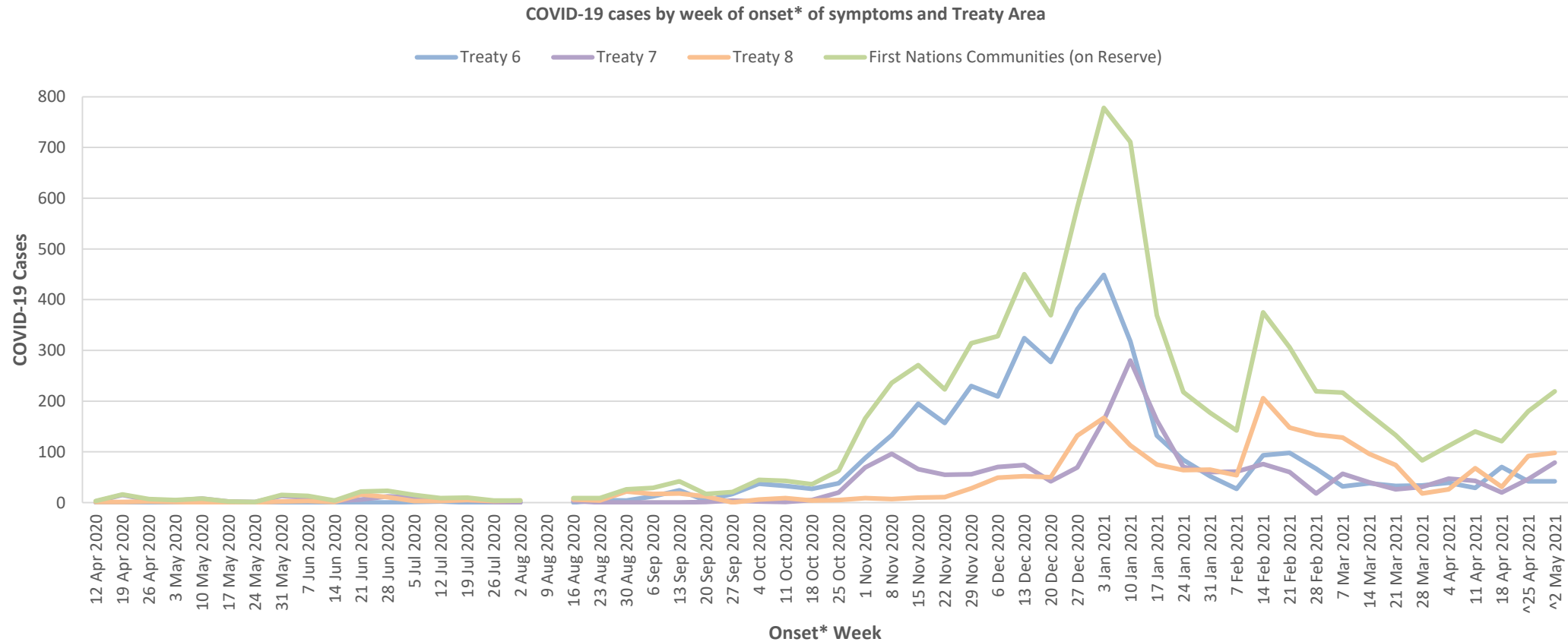
Source: FNIHB COVID-19 ER System via Synergy in Action (May 12, 2021)



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COVID-19 cases by week of onset* by Treaty Area

Source: FNIHB COVID-19 ER System via Synergy in Action (May 12 , 2021)



*Onset date is the earliest of the “date of onset of symptoms” and “specimen collection date”

^Data may be incomplete due to late receipt of lab reports

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Severe Outcomes

Sources: FNIHB COVID-19 ER System via Synergy in Action (May 12, 2021) & <https://www.alberta.ca/stats/covid-19-alberta-statistics.htm> (May 10, 2021)

| | Total Case Hospitalization Rate | Total Case ICU Rate | Case Fatality Rate |
|--|---------------------------------|---------------------|--------------------|
| Treaty 6 | 4.7 per 100 Cases | 1.0 per 100 Cases | 0.9 per 100 Cases |
| Treaty 7 | 7.1 per 100 Cases | 1.7 per 100 Cases | 1.3 per 100 Cases |
| Treaty 8 | 4.7 per 100 Cases | 1.1 per 100 Cases | 0.9 per 100 Cases |
| First Nations Communities (on reserves) | 5.3 per 100 Cases | 1.2 per 100 Cases | 1.0 per 100 Cases |
| Alberta (includes First Nations communities) | 4.0 per 100 Cases | 0.7 per 100 Cases | 1.0 per 100 Cases |

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Severe Outcomes –Average Age

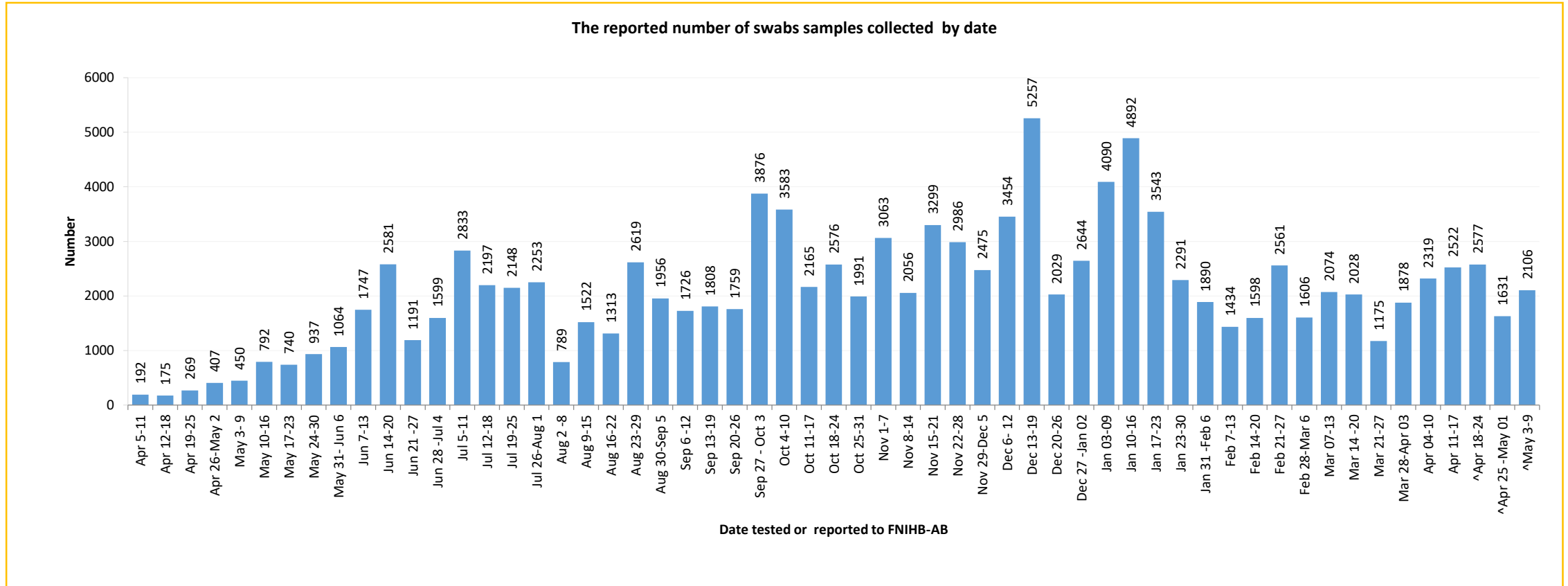
Sources: FNIHB COVID-19 ER System via Synergy in Action (May 12, 2021) & <https://www.alberta.ca/stats/covid-19-alberta-statistics.htm> (May 10, 2021)

| | Average age of cases hospitalized | Average age of ICU cases | Average age of deceased cases | Average age of non-hospitalized cases |
|--|-----------------------------------|---------------------------|-------------------------------|---------------------------------------|
| Treaty 6 | 52 years (range:14-88) | 54 years (range:17-88) | 66 years (range:23-88) | 29 years (range:0-94) |
| Treaty 7 | 55 years (range:16-86) | 57 years (range:21-78) | 65 years (range:20-86) | 31 years (range:0-87) |
| Treaty 8 | 57 years (range:1-93) | 59 years (range:20-82) | 72 years (range:48-93) | 28 years (range:0-87) |
| First Nations Communities (on reserves) | 54 years (range:1-93) | 56 years (range:17-88) | 67 years (range:20-93) | 29 years (range:0-94) |
| Alberta (includes First Nations communities) | 60 years (range:0-104) | 57 years (range:0-90) | 81 years (range:20-107) | 35 years (range:0-108) |

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Test Volume

Sources: Community Reports to FNIHB-AB (May 12, 2021)



^late reporting from some communities

| | Test volume | Percent positive test |
|-----------------------------|-------------|-----------------------|
| First Nations (on reserve)* | 123,016 | 6.6% |
| All Albertans | 4,343,100 | 4.9% |

*some communities are not reporting testing data to FNIHB-AB, so percent positive test may be overestimated

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Alberta COVID-19 Testing Criteria

Testing is available for:

- any person exhibiting any [symptoms of COVID-19](#)
- all close contacts of confirmed COVID-19 cases
- all workers and/or residents at specific outbreak sites

Asymptomatic testing has been paused for people who have no known exposure to COVID-19.

FNIHB MOHs will provide guidance to prioritize testing in First Nation communities with cases.

Changes to Variant of Concern Testing Strategy

Effective May 1, 2021, testing for COVID-19 variants of concern is only being completed for:

- Hospitalized and emergency room patients
- Patients involved in outbreaks
- Healthcare workers
- Recent international travelers

This change was needed to maintain laboratory capacity and turnaround times as positivity rates and overall test volumes have rapidly increased.

As variants have become dominant, recent COVID-19 cases are likely infected with a variant of concern.

Changes to COVID-19 Case Management and Contact Tracing

The following changes have been implemented:

FNIHB will no longer be relaying results of variant screening to community health nurses. Variant information for those screened will continue to be available on Netcare.

Public health follow-up will be the same for all positive COVID-19 cases – VOC or non-VOC

- ALL cases of COVID-19 (VOC or non-VOC) should isolate completely away from their household members to prevent ongoing exposure. If this cannot be accomplished at home, use of an isolation hotel or a different dwelling/isolation centre should be considered.
- One test is recommended for all close contacts during their quarantine period.
 - Arrangements for the first test should be when they are first notified they are a close contact.
 - Retesting should occur in the following circumstances:
 - If at any time during the quarantine period, the close contact becomes symptomatic, or
 - upon recommendation of the MOH
- For more information, refer to the [Public Health Disease Management Guidelines – Coronavirus - COVID-19](#)

Rapid Testing Screening Program

Employers and service providers can apply to receive free rapid test kits through the Alberta Government's rapid testing screening program.

It is open to any public, private, or not-for-profit employer or service provider with an approved COVID-19 screening program. Successful applicants must ensure proper protocols are in place for COVID-19 screening, testing and reporting.

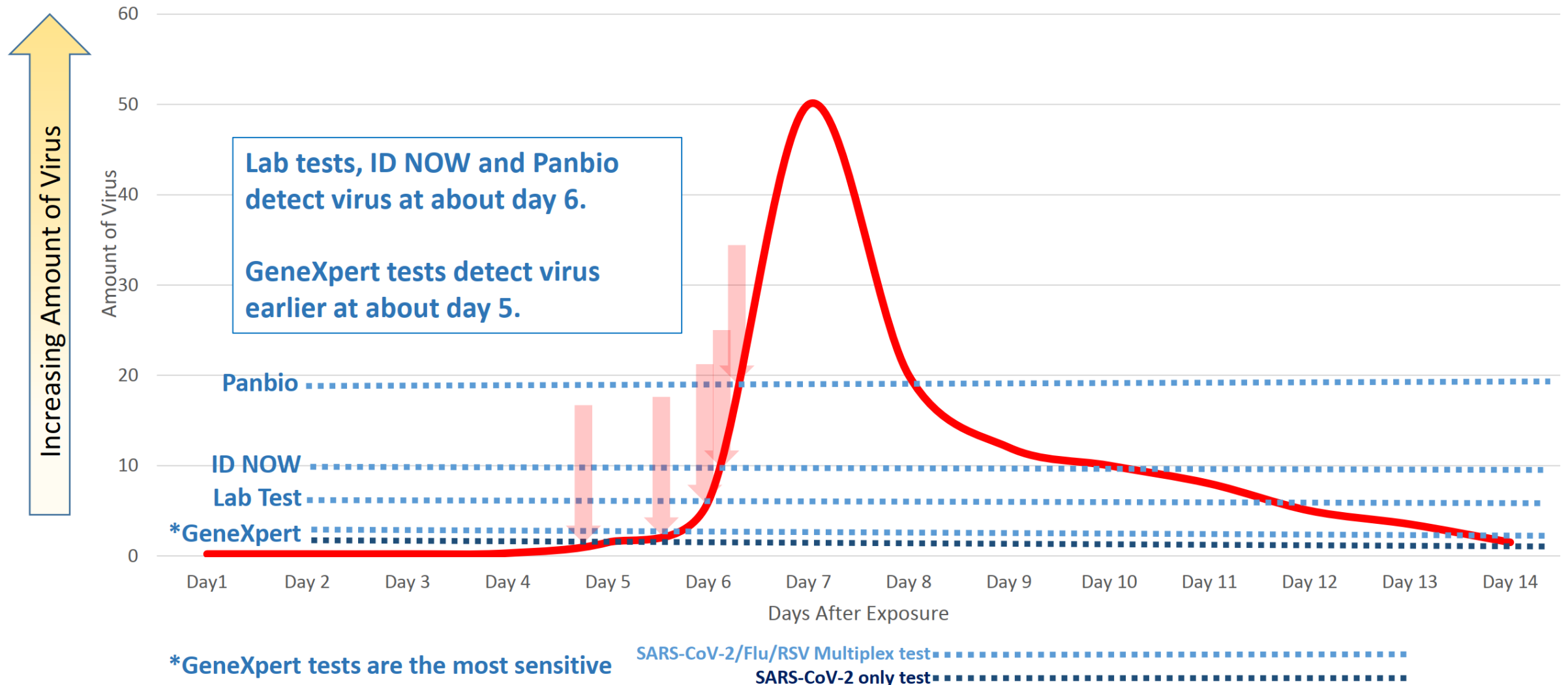
Rapid testing screening programs can identify pre-symptomatic and asymptomatic cases – people who don't know they're infected with COVID-19 so they can be isolated early to stop the spread.

People with symptoms or known exposure to a COVID-19 case must get tested at their local Health Centre, use the [online assessment tool](#), or call 811 to book a COVID-19 test.

For more information, refer to: <https://www.alberta.ca/rapid-testing-program.aspx>



Different Tests Detect Different Amounts of Virus



PCR Testing Results: False Positives/Negatives

Although considered extremely rare, false positive results can happen because of non-specific PCR reactions. The proportion of false positive results increases as the prevalence of COVID-19 in the population decreases. **If a test is thought to be a false positive, consult with the CDC case manager/MOH.**

False negative tests in those with symptoms varies depending on timing and methodology of sampling and is estimated to be around 20% (range 10 - 30%).

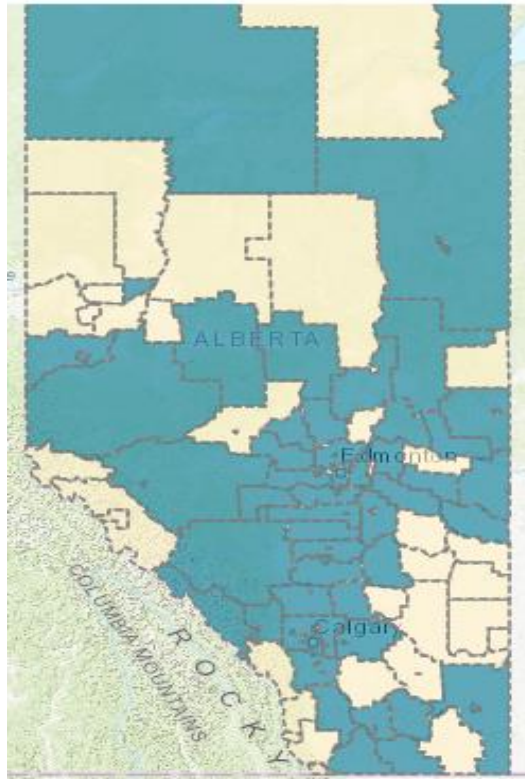
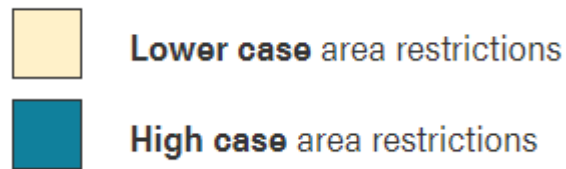
The following factors may lead to false negative results:

- insufficient virus at the site of specimen collection
- insufficient virus at the time of specimen collection
- incorrect specimen collection

False negative results pose a challenge in public health management of COVID-19 cases as an individual may still be infected and be infectious to others. **If the clinical index of suspicion is high, a negative result should not rule out disease and the test should be repeated.**

Regions in Alberta with High Case Numbers

Starting May 5, additional restrictions came into effect for regions in Alberta with at least 50 cases per 100,000 people, and at least 30 active cases.



Expanded Restrictions for High Case Regions

The following restrictions are in effect in these regions:

- All outdoor social gatherings must be limited to no more than 5 people and a maximum of 2 household cohorts.
- All outdoor sports and recreation activities are prohibited, except with members of your household, or your two close contacts if you live alone.
- Retail services must limit customer capacity to 10% of fire code occupancy (not including staff) or a minimum of 5 customers.
- Personal and wellness services, including hair salons, barbers, nail salons, estheticians, tattoos and piercing, must close (starting May 10th).

Expanded Restrictions for High Case Regions

- Faith services are limited to 15 in-person attendees.
- 10 people maximum for funerals, including participants and guests.
- Any workplace, except work camps and essential and critical services, with transmission of 3 or more cases will be required by health officials to close for 10 days.

The restrictions will be in place for at least 3 weeks and will be extended, if necessary.

To view the current number of active cases in your region, refer to:

<https://www.alberta.ca/maps/covid-19-status-map.htm>

Expanded Provincewide Restrictions

- Kindergarten to Grade 12 schools transitioned to online learning, effective May 7
- Post-secondary schools transitioned to online learning, effective May 5.
- Indoor fitness - all facilities must close, including for one-on-one training.
- All indoor sport, performance and recreation activities for youth and adults are prohibited.

For further information on public health restrictions, refer to:
<https://www.alberta.ca/enhanced-public-health-measures.aspx>

COVID-19 Vaccine Update

DR. PARMINDER THIARA, DEPUTY MEDICAL OFFICER OF HEALTH /
REGIONAL DIRECTOR OF PRIMARY AND POPULATION HEALTH

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Authorized Vaccines for COVID-19: Canada

Moderna – approved December 23, 2020

Pfizer-BioNTech – approved December 9, 2020

AstraZeneca – approved February 26, 2021

Janssen – approved March 5, 2021

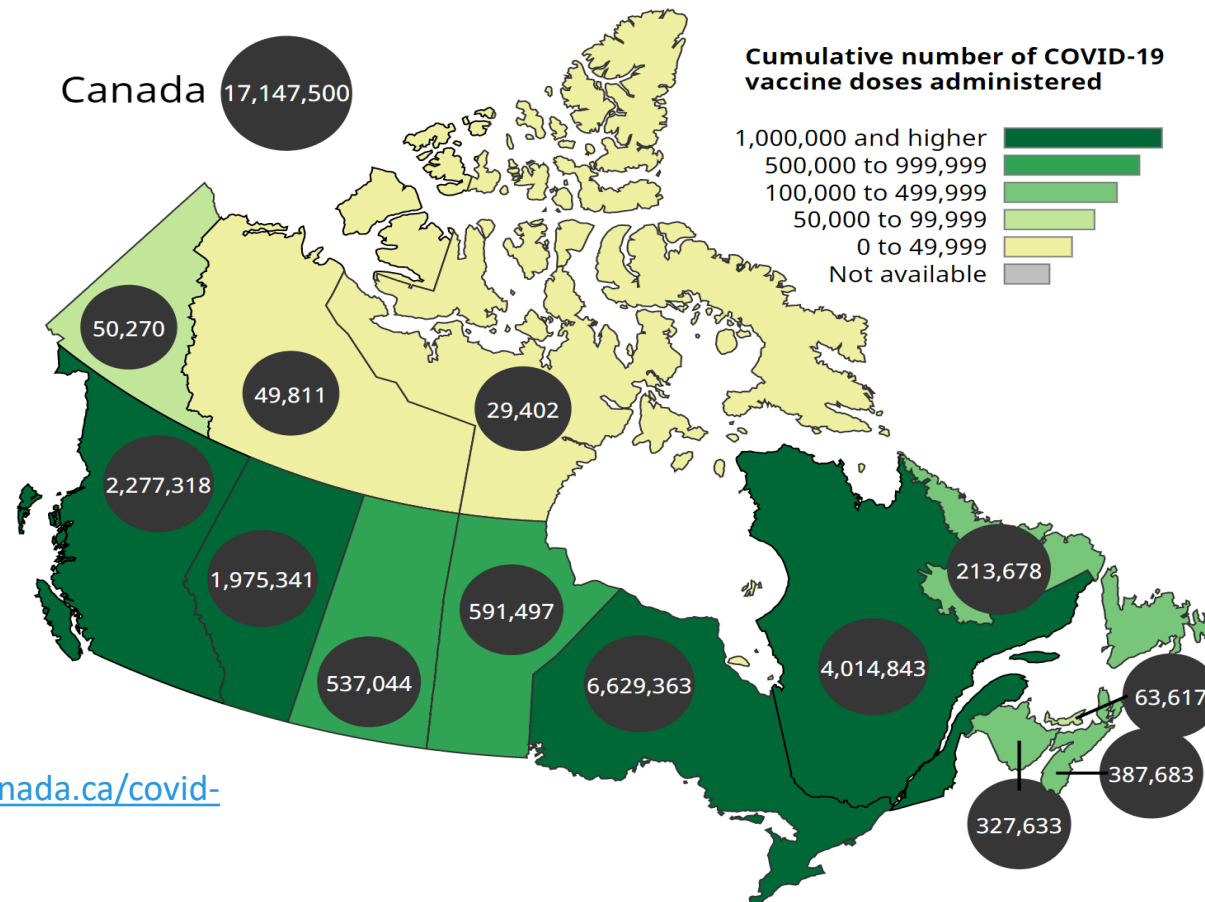
Vaccine Phases - Alberta

| | |
|---|---|
| Early Phase: December 2020 | + |
| Phase 1: Started January | + |
| Phase 2A: Started March 15 | + |
| Phase 2B: Started March 30 | + |
| Phase 2C: Started April 12 | + |
| Phase 2D: Started April 30 | + |
| Phase 2 (AstraZeneca): Started April 6 | + |
| Phase 3: General Public - Started May 6 | — |

Who's eligible in Phase 3

- Every Albertan born in 1991 or earlier (30+), starting May 6
- Every Albertan born in 2009 or earlier (12+), starting May 10

Cumulative Number of COVID-19 Vaccine Doses Administered in Canada by Jurisdiction as of May 13, 2021



Source: <https://health-infobase.canada.ca/covid-19/vaccine-administration/>

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COVID-19 Vaccine Data – Provincial

As of May 11th in Alberta:

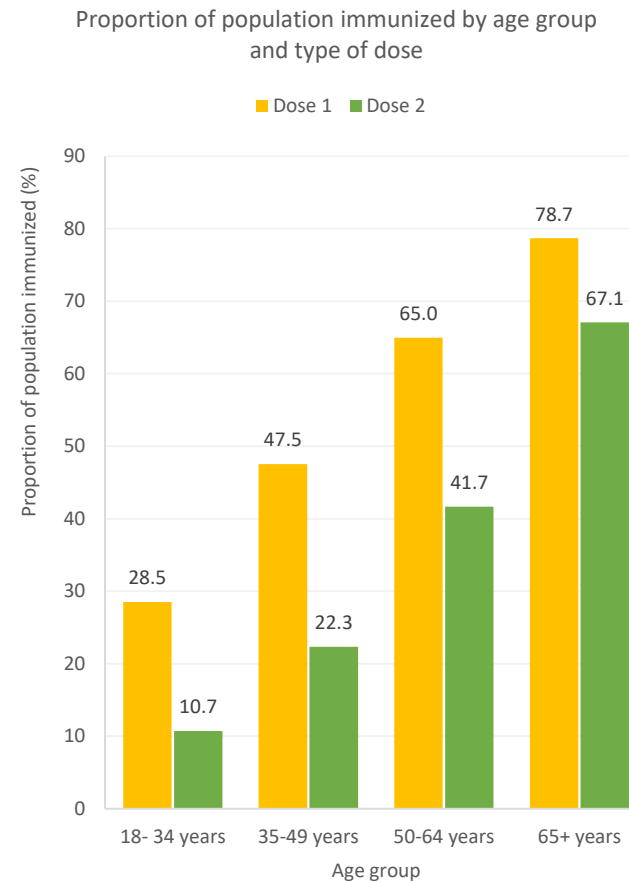
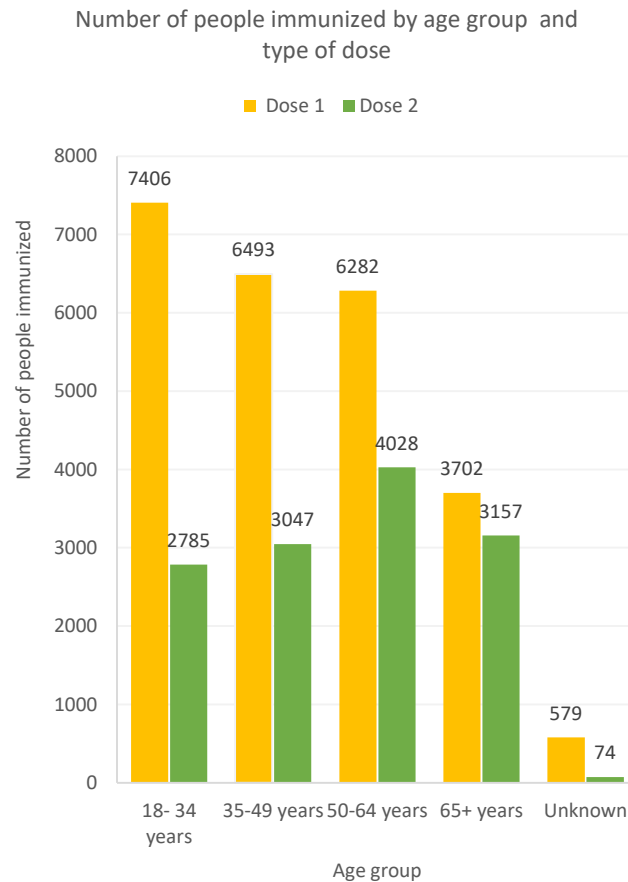


Up to date information can be found at <https://www.alberta.ca/covid19-vaccine.aspx>

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COVID Immunization Activity – On Reserve in Alberta

Source: Okaki Slice Analytics (May 12, 2021)



Doses administered
37,782

Number of people who have received at least one dose
24,683

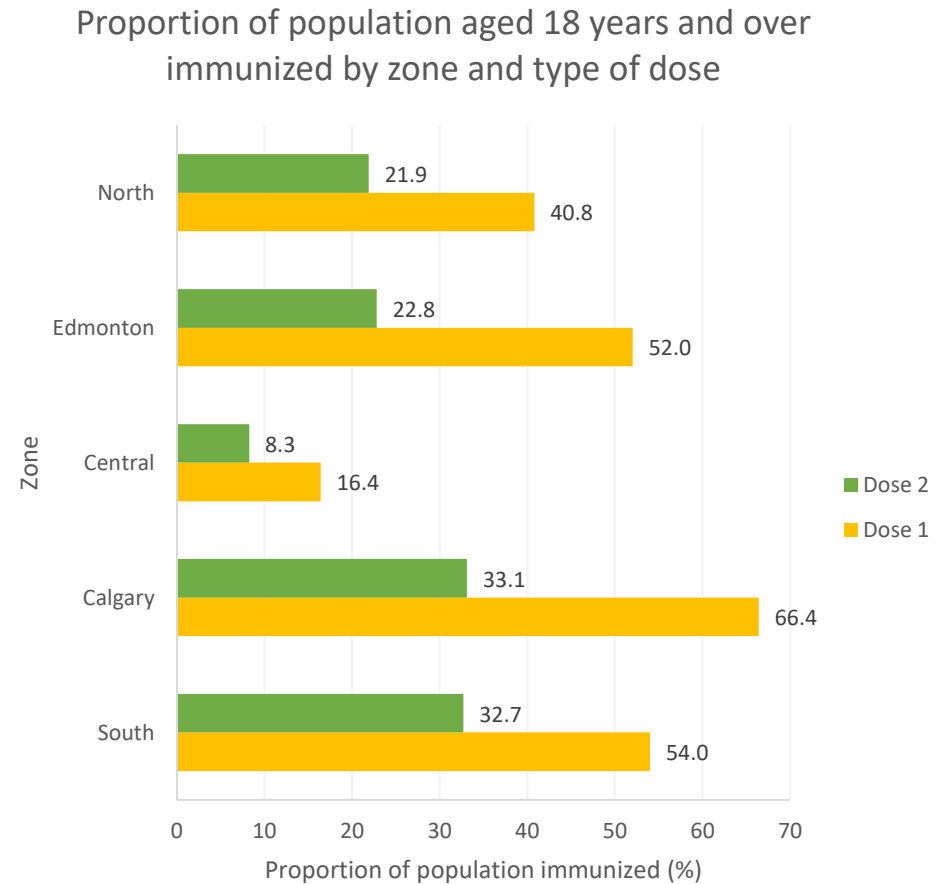
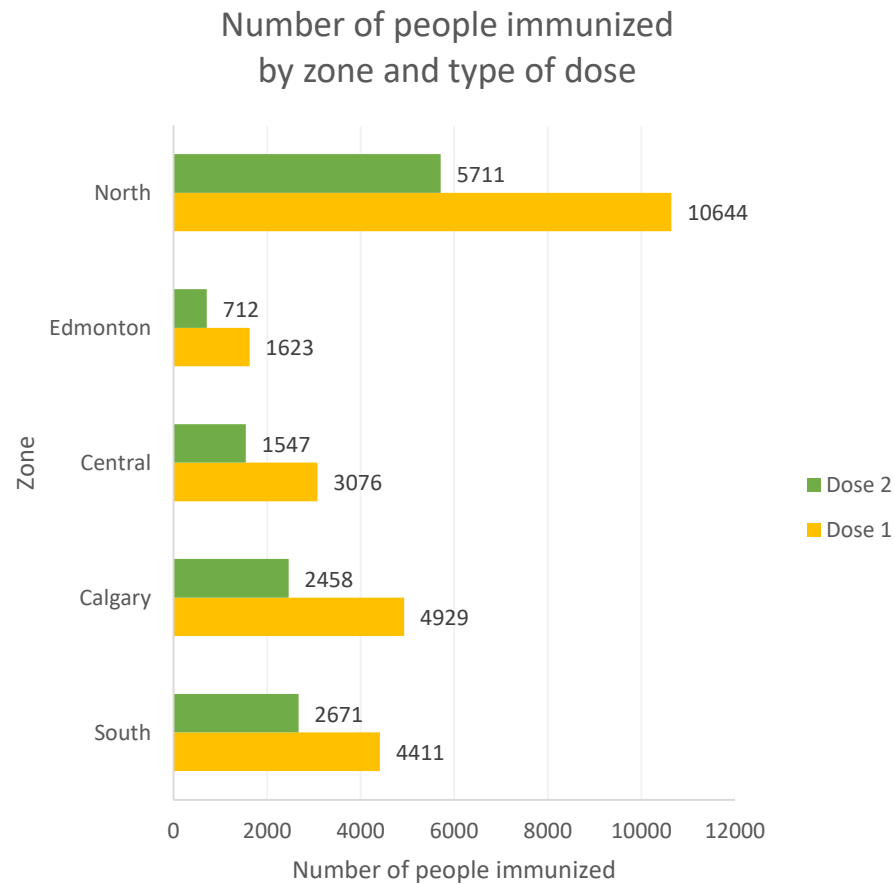
Number of people who are fully immunized (2 doses)
13,099

Number of Nations (bands) with Immunizations
46

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COVID Immunization Activity – On Reserve in Alberta

Source: Okaki Slice Analytics (May 12, 2021)

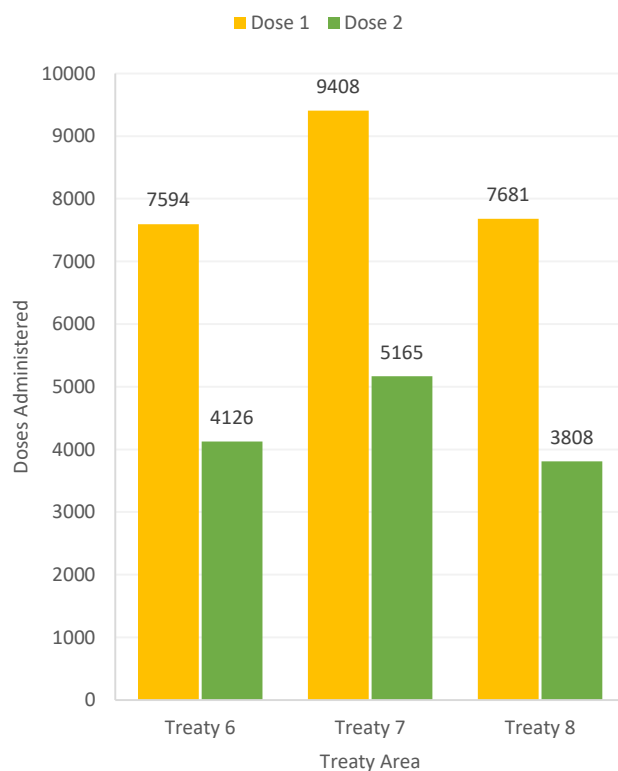


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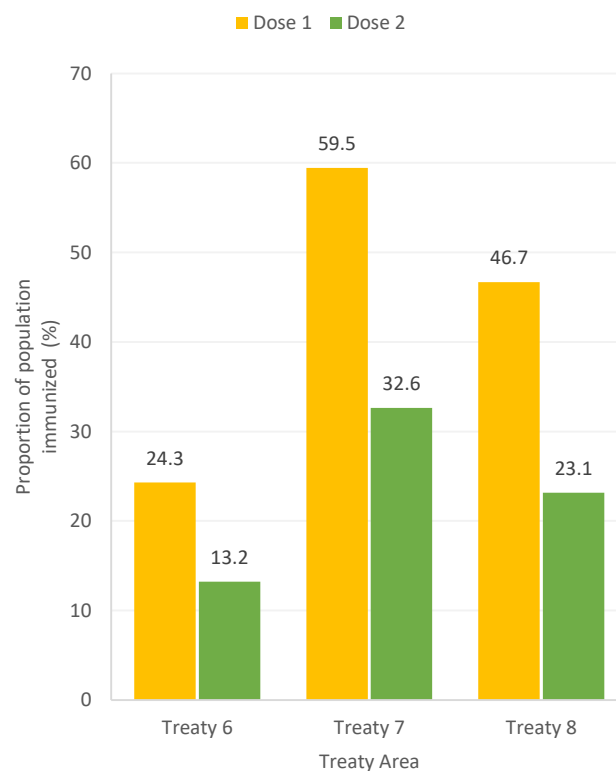
COVID Immunization Activity – On Reserve in Alberta

Source: Okaki Slice Analytics (May 12, 2021)

Number of people immunized by Treaty area and type of dose



Proportion of population aged 18 years and over immunized by Treaty area and type of dose

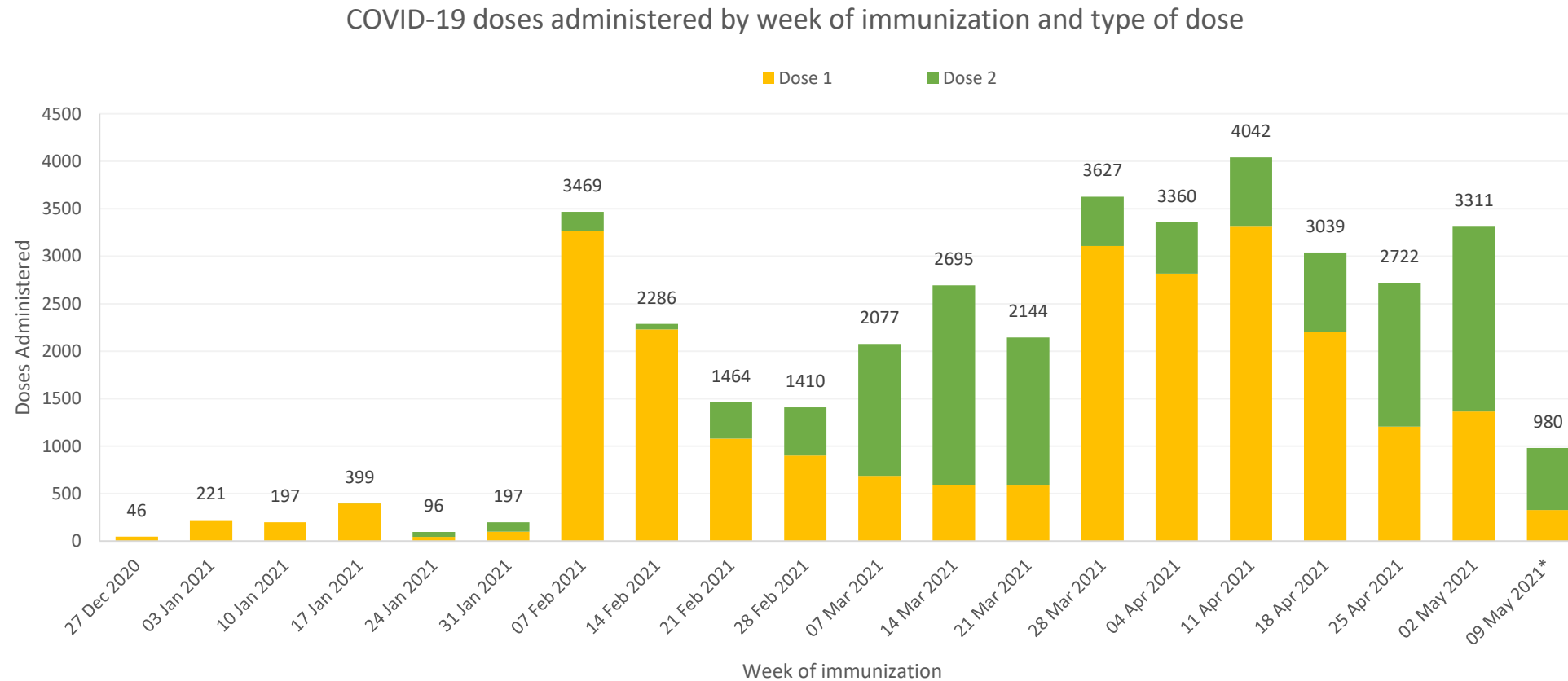


| Priority Reason | Dose 1 | Dose 2 |
|---------------------------------------|--------|--------|
| Healthcare Workers (HCWs) | 1043 | 874 |
| Long-term Care Staff | 75 | 64 |
| Long-term Care Residents | 51 | 46 |
| 65+ year olds | 3380 | 2890 |
| Other Congregate Care Living Sites | 91 | 47 |
| Essential Services Workers (not HCWs) | 2405 | 1450 |
| 16 - 64 year olds | 17297 | 7630 |
| Other Risk | 162 | 30 |
| Unknown | 179 | 68 |
| Total | 24683 | 13099 |

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COVID Immunization Activity – On Reserve in Alberta

Source: Okaki Slice Analytics (May 12, 2021)



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Reported Reactions Following Immunization

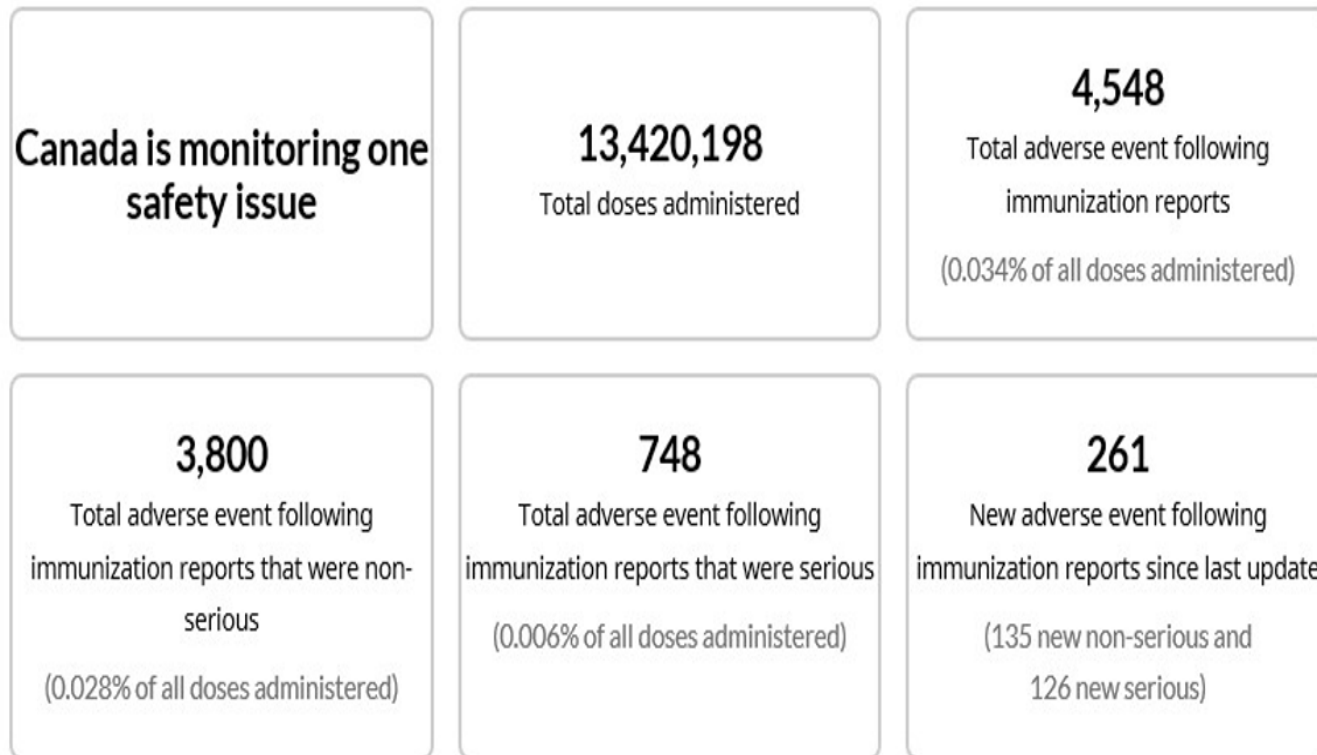
Health practitioners are to report an adverse event following immunization within 3 days of determining or being informed that a patient has experienced an adverse event following immunization unless it has already been reported.

Resource: Adverse Events Following Immunization (AEFI) policy for Alberta immunization providers

<https://open.alberta.ca/publications/aefi-policy-for-alberta-immunization-providers>

Reported side effects following COVID-19 vaccination in Canada and Alberta

CANADA – AS OF APRIL 30, 2021



ALBERTA – AS OF MAY 11, 2021

1,975,341 Doses administered
314 Adverse Events reported

ALBERTA FIRST NATIONS ON RESERVE – AS OF MAY 6, 2021

36,160 Doses Administered
19 Adverse Events reported

Vaccine Hesitancy - Resources

Alberta One Health Portal – COVID-19 Page - <https://www.onehealth.ca/ab/ABCovid-19>



COVID-19 Vaccine

- + [General Information and References](#)
- + [Staff Orientation / Training](#)
- + [Vaccine Clinic Resources](#)
- + [TempTale Temperature Data Logger](#)
- + [Data Reporting](#)
- + [Communications](#)

GOC - [How were COVID-19 vaccines developed so quickly? \(Video\)](#)

GOC - [Do COVID-19 vaccines have side effects? \(Video\)](#)

GOC - [How do COVID-19 mRNA vaccines work? \(Video\)](#)

GOC - [How do I know COVID-19 vaccines are safe? \(Video\)](#)

GOC - [COVID-19 Vaccine Hesitancy \(Brochure\)](#)

ISC - [Radio PSAs about COVID-19 Vaccines](#)

ISC - [COVID-19 Vaccines Toolkit: Communications Resource](#)

SLFNHA - [How the COVID-19 Vaccine works \(Video\)](#)

SLFNHA - [Information about the Moderna Vaccine \(Video\)](#)

- + [Handouts and Tools](#)
- + [Weekly Vaccine Updates](#)
- + [Other Resources](#)

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Vaccine Hesitancy - Resources

Your Health, Our Strength campaign

<https://yourhealthourstrength.ca/>

An initiative from Alexis Nakota Sioux Nation

- Community Resources
- Toolkit
- Video
- Blog
- FAQs



Follow Us on Social Media



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Vaccine Hesitancy - Resources

This Is Our Shot Campaign

<https://thisisourshot.ca/>

Social media:

- Twitter Facebook Instagram

@thisisourshotca

#ThisIsOurShotCA



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YOUR HEALTH OUR STRENGTH

COVID-19 Vaccine Town Hall May 19, 2021 | 12 p.m. (MST)

Email your questions to: yourhealthourstrength@gmail.com
or call **1-866-454-2813** during the live show

Live broadcasting and streaming at:

CFWE FM – cfweradio.ca

CJWE FM – cjwe.ca



LIVE

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For COVID-19 resources and links to credible sources of information

GO TO THE ALBERTA ONE HEALTH COVID-19 UPDATE PAGE

[HTTPS://WWW.ONEHEALTH.CA/AB/ABCVID-19](https://www.onehealth.ca/ab/abcovid-19)

QUESTIONS: VCHELP@FNTN.CA

Is there a topics you would like to hear about, or are you interested in presenting your community's COVID-19 response/experience?

PLEASE LET US KNOW!

EMAIL: VCHELP@FNTN.CA OR

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QUESTIONS: VCHELP@FNTN.CA

Acknowledgments

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Dr. Chris Sarin, Deputy Medical Officer of Health - FNIHB

Dr. Parminder Thiara, Deputy Medical Officer of Health – FNIHB

Margaret Litt, Regional Assistant Nurse Manager - FNIHB

Ibrahim Agyemang, Senior Epidemiologist – FNIHB

TSAG Telehealth Team (Michelle Hoeber, Brooke Hames and team)

FNIHB Technical Team

Questions?

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