

## Notifications

### COVID-19 Updates

- [Alberta entered Stage 3 on July 1](#): Limited restrictions remain.
- [Get vaccinated](#): Everyone 12+ can book first and second doses now.

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### Cases in Alberta

## COVID-19 Alberta statistics

Interactive aggregate data on COVID-19 cases in Alberta

## COVID-19 in Alberta

Data included in the interactive data application are up-to-date as of end of day July 26, 2021, unless stated otherwise.

- [Highlights](#)
- [New Cases](#)
- [Total Cases](#)
- [Characteristics](#)
- [Vaccinations](#)
- [Vaccine Outcomes](#)
- [Severe outcomes](#)
- [Comorbidities](#)
- [Healthcare capacity](#)
- [Geospatial](#)
- [Laboratory testing](#)
- [Variants of Concern](#)
- [Data export](#)
- [Data notes](#)

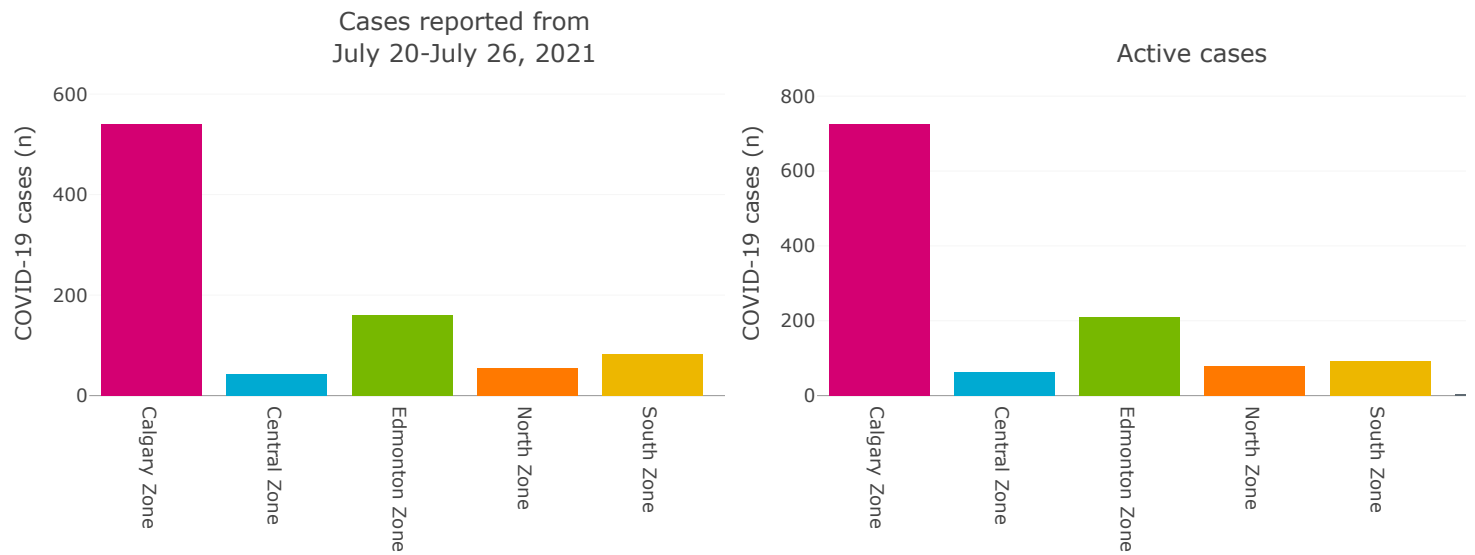
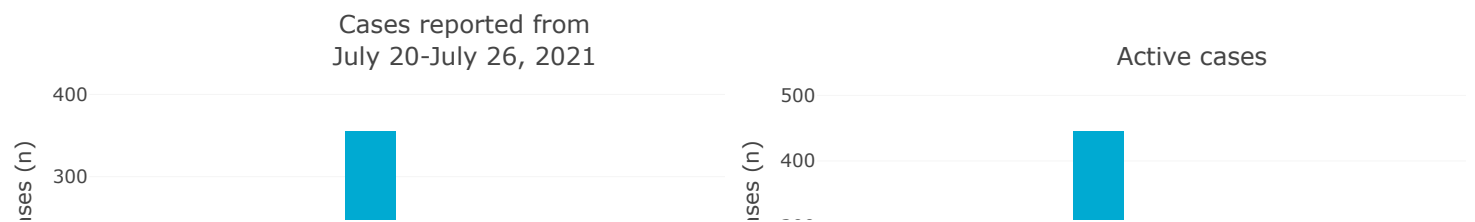


Figure 1: COVID-19 cases in Alberta by zone. First and second panels display new (from July 20-July 26, 2021) and active cases, respectively. Cases without a postal code or incorrect postal codes are labelled as unknown. Cases are under investigation and numbers may fluctuate as cases are resolved.



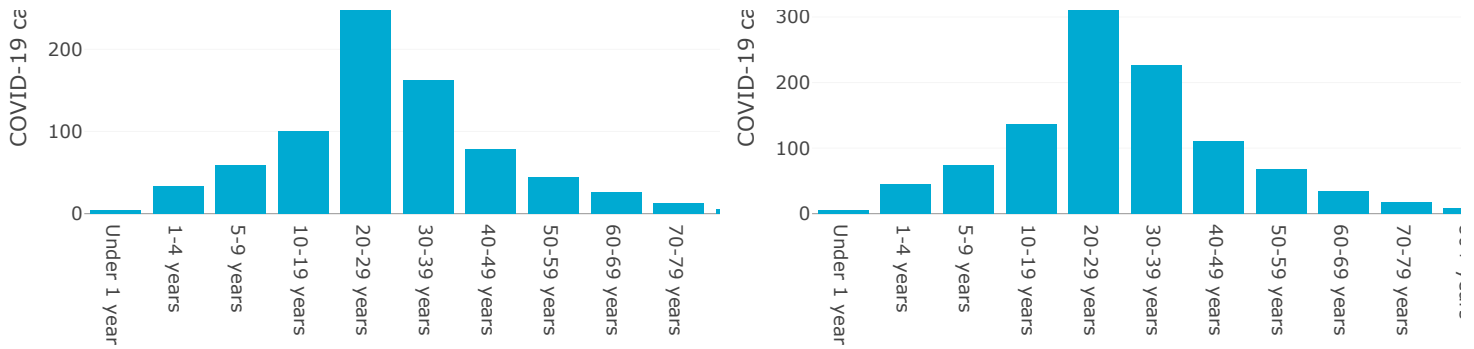


Figure 2: COVID-19 cases in Alberta by age group. First and second panels display new (from July 20-July 26, 2021) and active cases, respectively. Cases are under investigation and numbers may fluctuate as cases are resolved.

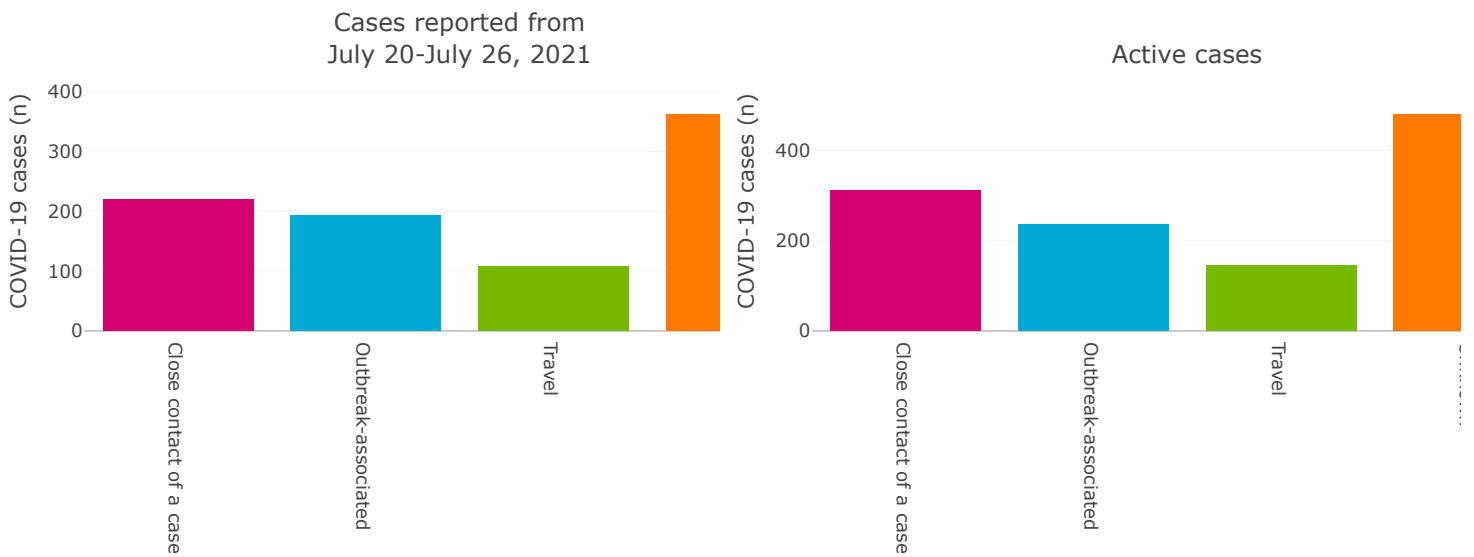


Figure 3: COVID-19 cases in Alberta by route of suspected acquisition. First and second panels display new (from July 20-July 26, 2021) and active cases, respectively. Cases are under investigation and numbers may fluctuate as cases are resolved.





Figure 4: COVID-19 cases in Alberta by day and case status. Recovered is based on the assumption that a person is recovered 14 days after a particular date (see data notes tab), if they did not experience severe outcomes (hospitalized or deceased). Cases are under investigation and numbers may fluctuate as cases are resolved. Data included up to end of day July 26, 2021.

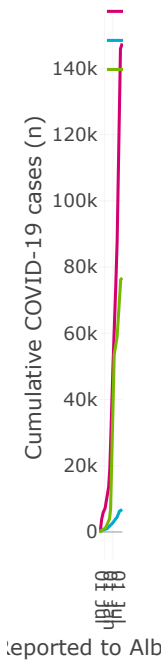
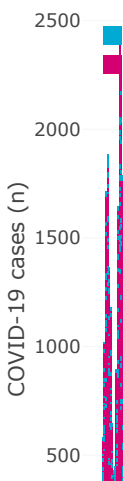


Figure 5: Cumulative COVID-19 cases in Alberta by route of suspected acquisition. Only includes COVID-19 cases where case report forms have been received. Data included up to end of day July 26, 2021.





Reported to AI

Figure 6: COVID-19 cases in Alberta by day and case status. Probable cases include cases where the lab confirmation is pending. Data included up to end of day July 26, 2021.

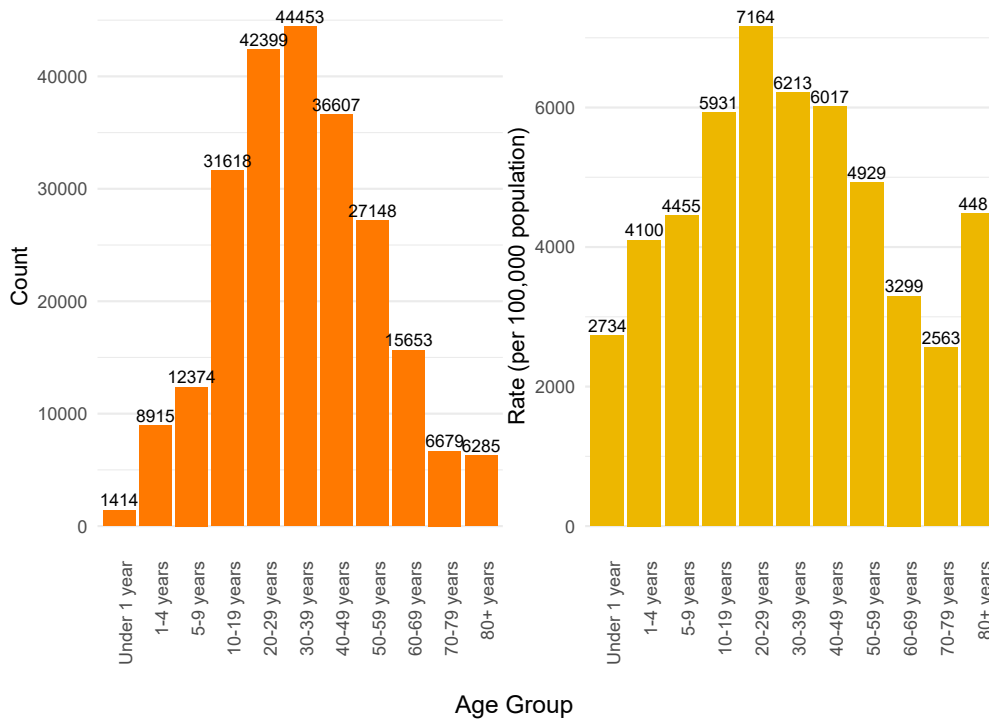


Figure 7: Number and rate of COVID-19 cases in Alberta by age group

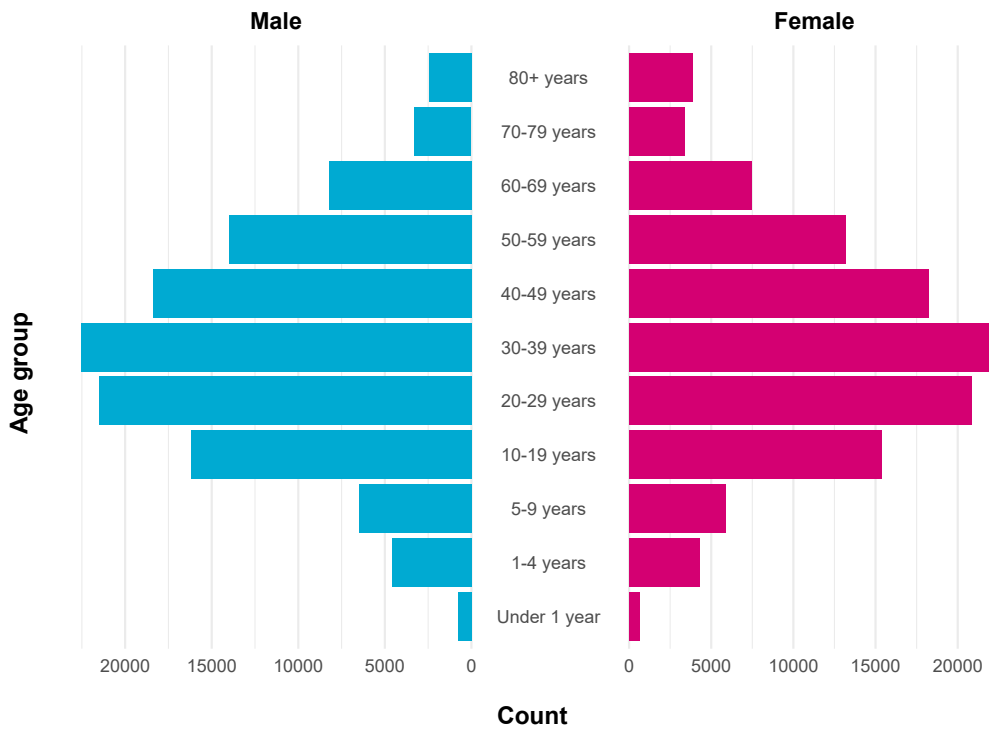


Figure 8: COVID-19 cases in Alberta by age group and gender

Table 1. COVID-19 cases in Alberta by age group and gender

Age	Gender							
	Female		Male		Unknown		All	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Under 1 year	653	0	759	0	2	0	1,414	1
1-4 years	4,318	2	4,591	2	6	0	8,915	4
5-9 years	5,866	3	6,504	3	4	0	12,374	5
10-19 years	15,389	7	16,210	7	19	0	31,618	14
20-29 years	20,839	9	21,531	9	29	0	42,399	18
30-39 years	21,874	9	22,568	10	11	0	44,453	19
40-49 years	18,200	8	18,403	8	4	0	36,607	16
50-59 years	13,162	6	13,981	6	5	0	27,148	12
60-69 years	7,443	3	8,207	4	3	0	15,653	7
70-79 years	3,388	1	3,290	1	1	0	6,679	3
80+ years	3,835	2	2,449	1	1	0	6,285	3
Unknown	63	0	62	0	11	0	136	0
<b>All</b>	<b>115,030</b>	<b>49</b>	<b>118,555</b>	<b>51</b>	<b>96</b>	<b>0</b>	<b>233,681</b>	<b>100</b>

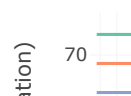
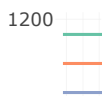




Figure 9: COVID-19 cases in Alberta by age group. First and second panels display counts (7-day rolling average) and rate per 100,000 (7-day rolling average), respectively.

### Healthcare Workers

Table 2. Healthcare workers among COVID-19 cases

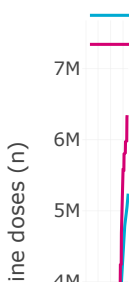
	Total	Active	Recovered	Died
<b>Calgary Zone</b>	4578	25	4549	4
<b>Central Zone</b>	1009	3	1006	0
<b>Edmonton Zone</b>	5268	16	5249	3
<b>North Zone</b>	935	0	935	0
<b>South Zone</b>	662	6	655	1
<b>Alberta</b>	12452	50	12394	8

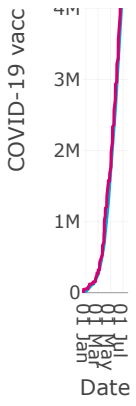
Note:

Status of Healthcare workers is self-reported and might be different from other sources. Please note these are not necessarily healthcare workers who were infected at work.

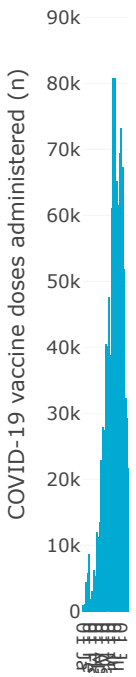
### Vaccination data are up-to-date as of end of day July 26, 2021

- **5,240,925** doses of COVID-19 vaccine have been administered in Alberta
- **75.5** percent of 12+ population has received at least one dose (**64.2%** total population)
- **63.9** percent of 12+ population fully vaccinated (**54.3%** total population)



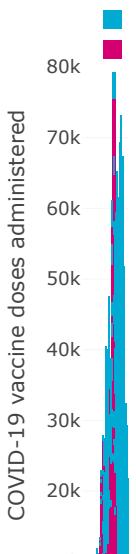


Cumulative COVID-19 vaccine doses received and administered by day in Alberta

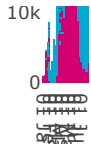


Number of COVID-19 vaccine doses administered by day in Alberta

**Note: Excludes aggregate doses reported by First Nations Inuit and Health Branch, Indigenous Services Canada**





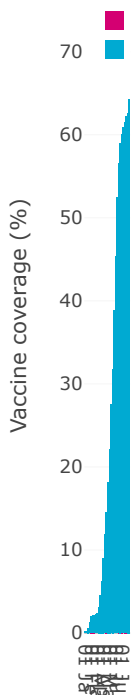


Number of COVID-19 vaccine doses administered by dose 1 and dose 2 and day

**Note: Excludes aggregate doses reported by First Nations Inuit and Health Branch, Indigenous Services Canada**



Cumulative COVID-19 vaccine doses administered in Alberta



Cumulative percent of individuals who received at least one dose or are fully vaccinated by day in Alberta

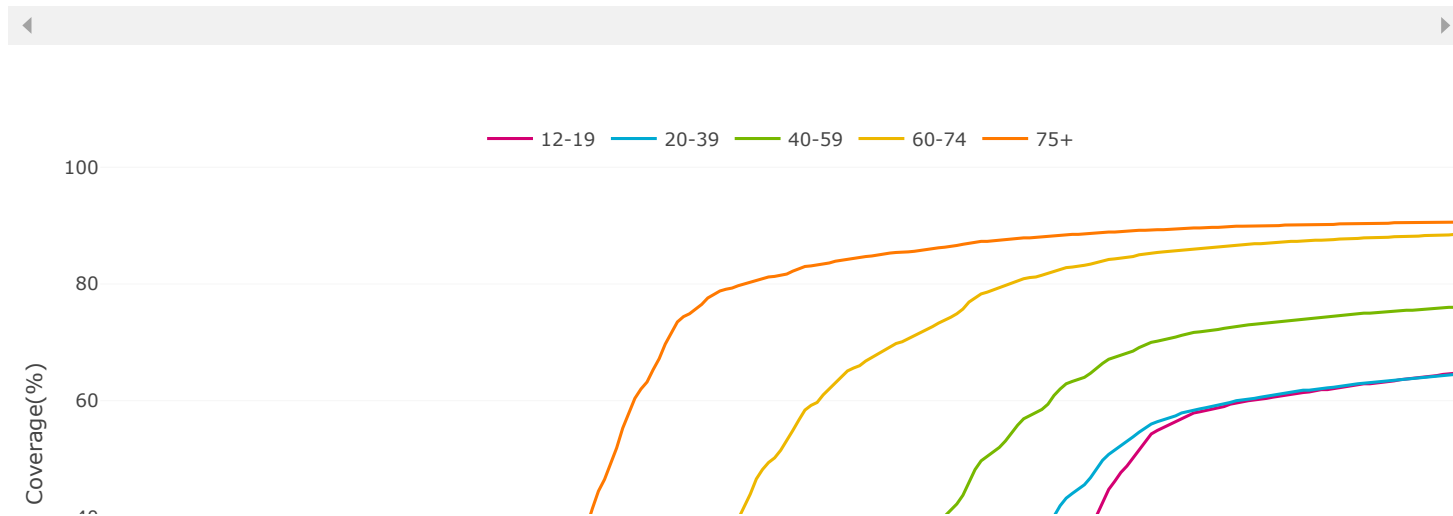
Table 1. Breakdown of COVID-19 vaccine doses administered by provider.

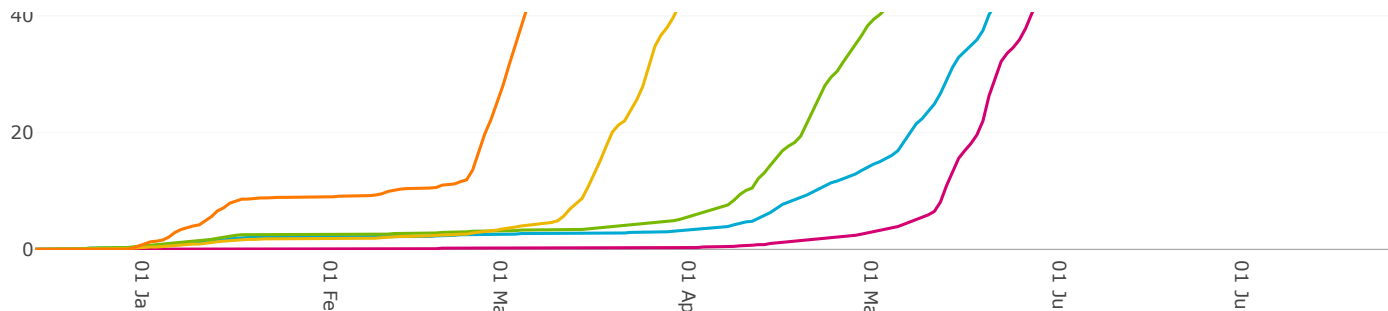
	Dose 1	Dose 2	Total administered
<b>Alberta Health Services</b>	1,525,471	1,259,280	2,784,751
<b>Pharmacies</b>	1,214,855	1,073,586	2,288,441
<b>Other</b>	98,763	68,970	167,733
<b>Total</b>	2,839,089	2,401,836	5,240,925

Note: Other includes submissions from First Nations communities and online submissions from other providers (e.g. physician clinics).

Table 2. Summary of COVID-19 vaccine doses administered and vaccine coverage by age group

Age group	Population	At least 1 dose	% of population with at least 1 dose	2 doses	% of population fully vaccinated	Total administered
00-11	660,747	0	0.0	0	0.0	0
12-14	162,530	102,676	63.2	76,344	47.0	179,020
15-19	256,743	169,156	65.9	130,364	50.8	299,520
20-24	277,328	175,842	63.4	132,421	47.8	308,263
25-29	314,508	193,404	61.5	149,299	47.5	342,703
30-34	356,228	228,540	64.2	183,090	51.4	411,630
35-39	359,302	246,424	68.6	202,118	56.2	448,542
40-44	319,889	231,457	72.4	195,650	61.2	427,107
45-49	288,547	216,423	75.0	186,483	64.6	402,906
50-54	266,491	208,897	78.4	183,655	68.9	392,552
55-59	284,260	225,448	79.3	200,518	70.5	425,966
60-64	264,339	225,225	85.2	206,023	77.9	431,248
65-69	210,073	189,021	90.0	178,723	85.1	367,744
70-74	157,657	145,103	92.0	140,955	89.4	286,058
75-79	102,977	93,649	90.9	91,246	88.6	184,895
80-84	68,566	62,033	90.5	60,531	88.3	122,564
85-89	44,034	39,616	90.0	38,651	87.8	78,267
90+	27,669	25,194	91.0	24,611	89.0	49,805
Unknown	NA	60,981	NA	21,154	NA	82,135
12+	3,761,140	2,839,089	75.5	2,401,836	63.9	5,240,925
ALL	4,421,887	2,839,089	64.2	2,401,836	54.3	5,240,925





Cumulative coverage for at least one dose by age group



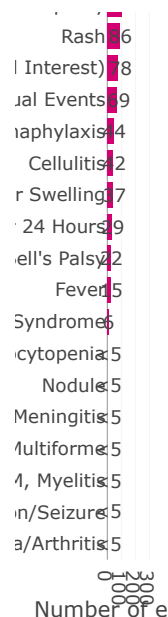
Coverage rate by local geographic area

**Note: COVID-19 vaccine doses for all First Nations are included in the overall provincial totals. However, these totals do not necessarily appear in the LGA map. First Nations with data sharing agreements with Alberta Health are included in LGA totals. First Nations without data sharing agreements are not reflected in individual LGAs.**

Geographies can be displayed by Alberta local geographic area (LGA). Individuals without a postal code or incorrect postal codes are not included. The colour categories for each LGA are based on the percent of the population (all ages) vaccinated. Vaccine uptake rates for the Vermilion River County LGA are underestimated as the Saskatchewan Health Authority provides public health services to all residents of Lloydminster.

- **896** adverse events following immunization (AEFI) have been reported to Alberta Health. This represents **882** people, and **942** symptoms.
  - **525** related to Pfizer
  - **219** related to Moderna
  - **152** related to AstraZeneca
- There have been **3,714** vaccine refusals and **1,095** contraindications to receiving the vaccine

Reaction 272  
 Vomiting 25  
 enopathy 15



Number of adverse events following immunization (AEFI) by condition reported in Alberta

Note: Information is collected on individuals and reported to Alberta Health when an AEFI is confirmed. One AEFI report can have multiple events associated with it. For AEFI definitions, please refer to this [link](#).

- Since Jan 1, 2021, **0.2%** of people with one dose (5,344/2,820,847) were diagnosed with COVID-19 14 days after the first immunization date
- Since Jan 1, 2021, **0%** of people with two doses (710/2,385,526) were diagnosed with COVID-19 14 days after the second immunization date
- **95.1%** of cases (123,967/130,418) since Jan 1, 2021 were unvaccinated or diagnosed within two weeks from the first dose immunization date
- **92.2%** of hospitalized cases (5,212/5,654) since Jan 1, 2021 were unvaccinated or diagnosed within two weeks from the first dose immunization date
- **86.9%** of COVID-19 deaths (688/792) since Jan 1, 2021 were unvaccinated or diagnosed within two weeks from the first dose immunization date

Table 3. COVID-19 vaccine effectiveness in Alberta by vaccine manufacturer

Vaccine	Vaccine Effectiveness: Partial (95% CI)	Vaccine Effectiveness: Complete (95% CI)
AstraZeneca	61% (58 to 63%)	88% (80 to 93%)
Moderna	81% (80 to 82%)	92% (89 to 93%)
Pfizer	75% (74 to 76%)	90% (89 to 91%)

Table 4. COVID-19 vaccine effectiveness against variants of concern in Alberta

Variant of Concern	Vaccine Effectiveness: Partial (95% CI)	Vaccine Effectiveness: Complete (95% CI)
B.1.1.7 UK Variant	76% (75 to 77%)	91% (89 to 92%)
B.1.617 Variant	57% (51 to 63%)	85% (78 to 89%)
P1 Brazilian Variant	72% (67 to 76%)	89% (82 to 93%)

**Note:**

(a) Vaccine effectiveness estimates include 95% confidence intervals (CI) and describes the protection against symptomatic infection. Vaccine effectiveness for hospitalization and death could have different estimates.

(b) Vaccine effectiveness estimates for some variants are not provided due to limited sample sizes, which make estimates unstable and difficult to interpret. Information on other variants will be provided when estimates become stable.

(c) Partial vaccination: people are considered partially vaccinated 14 days after their first dose of a two dose series (for vaccines that require two

doses)

(d) Effectiveness: how well a vaccine prevents the outcome of interest in the real world

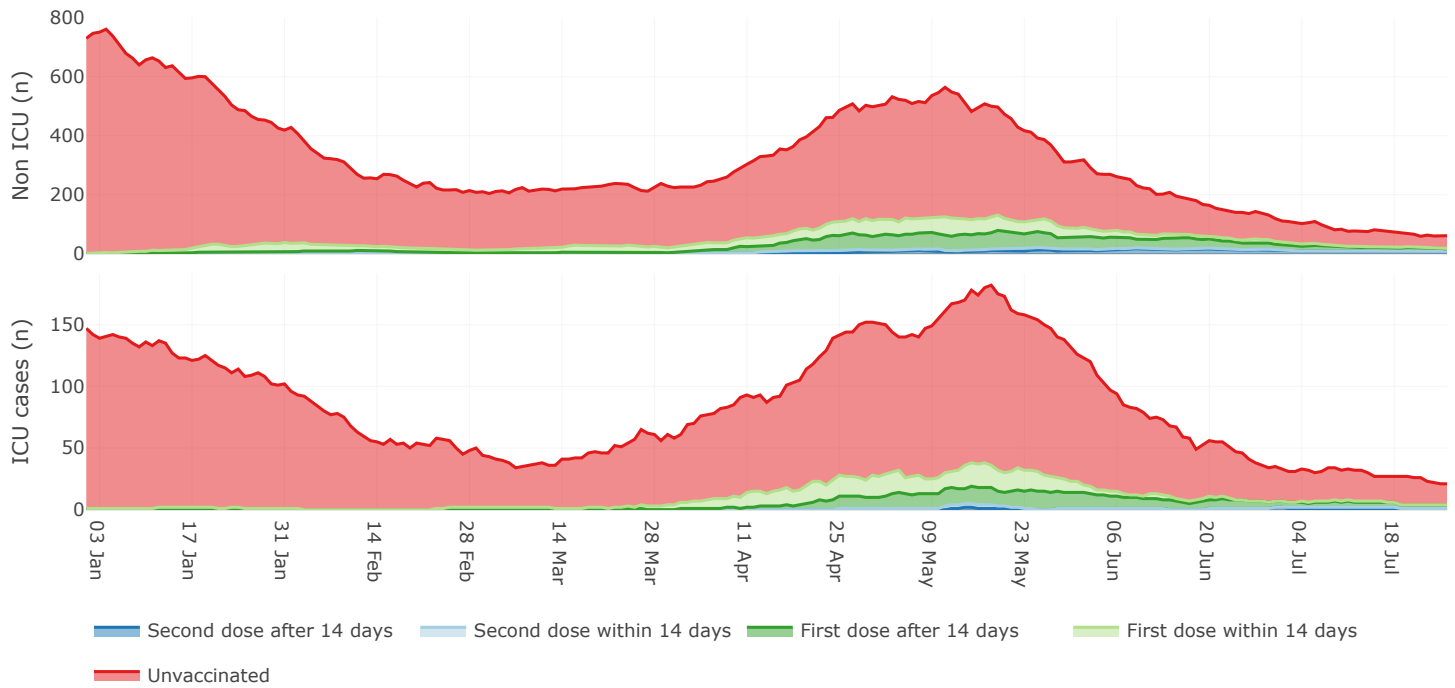
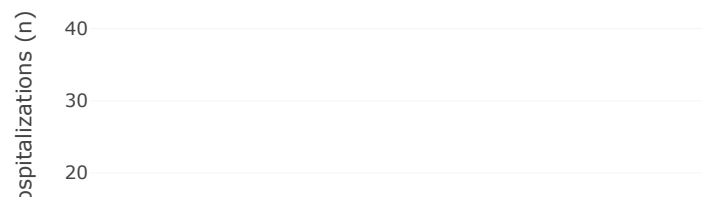
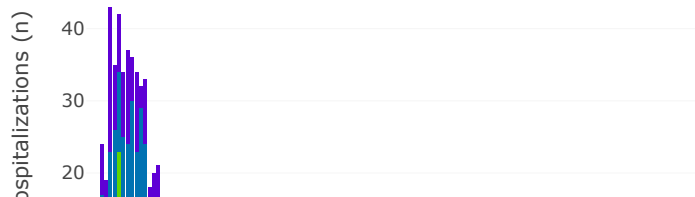
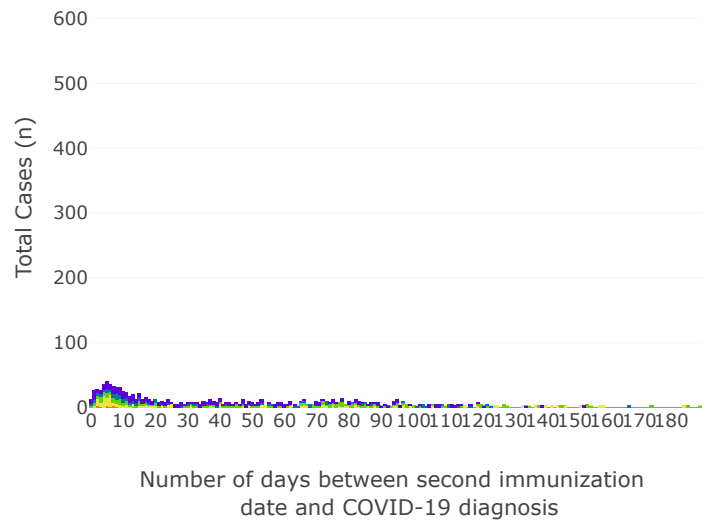
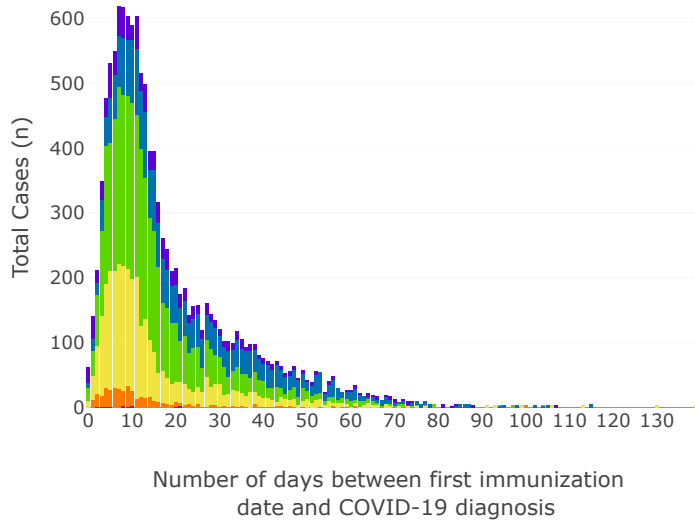


Figure 10: Current non-ICU (top) and ICU(bottom) by vaccine status.

**Note:**  
Time from immunization date to COVID diagnosis date (or Date reported to Alberta Health). COVID-19 hospitalizations reported are not due to immunization events.



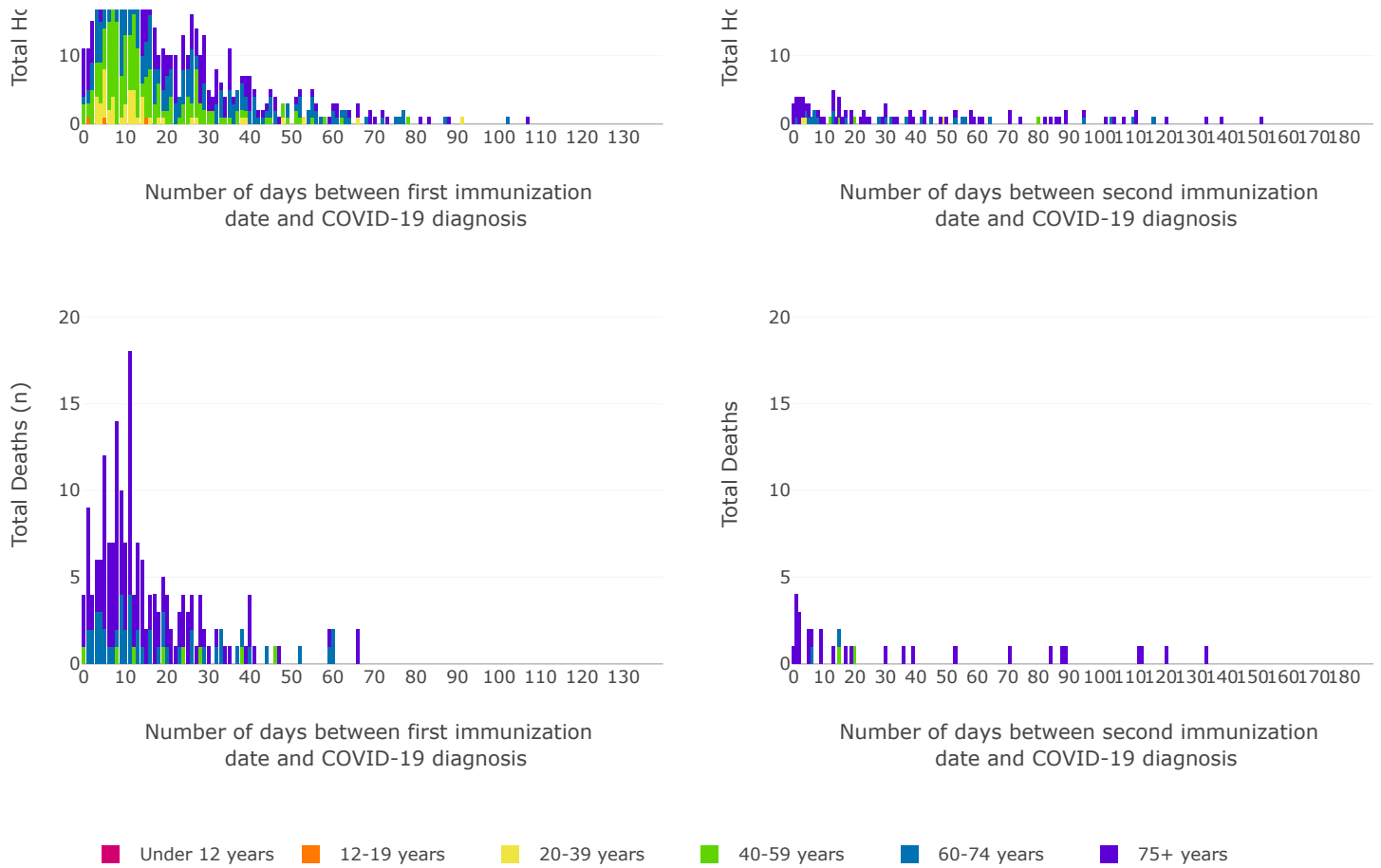


Figure 11: Time from first dose (left) and second dose immunization (right) to COVID-19 diagnosis by age group:

TOP: cases

MIDDLE: of those who became hospitalized

BOTTOM: of those who died from COVID-19

**Note:** First dose immunization also includes people who became a case prior to their second dose immunization date. COVID-19 hospitalizations reported are not due to immunization events.

### Summary

- Average age for COVID cases that died is 80 years (range: 20-107)
- Average age for COVID cases hospitalized with an ICU stay is 57 years (range: 0-90)
- Average age for COVID cases hospitalized is 60 years (range: 0-104)
- Average age for COVID cases not hospitalized is 34 years (range: 0-108)

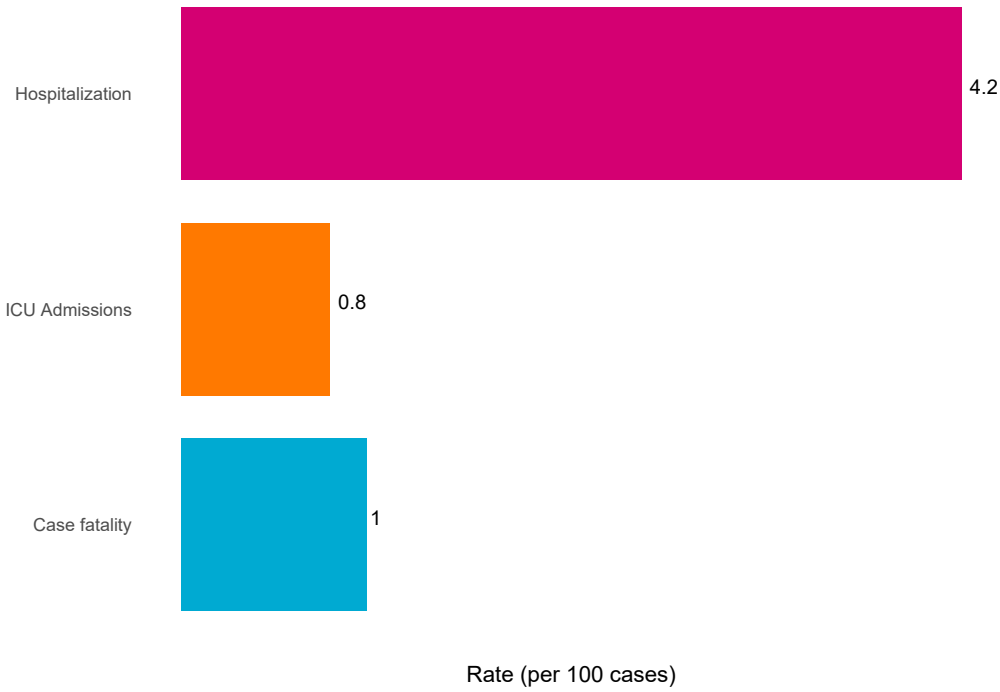


Figure 12: Rate of total hospitalizations, ICU admissions, and deaths among COVID-19 cases in Alberta

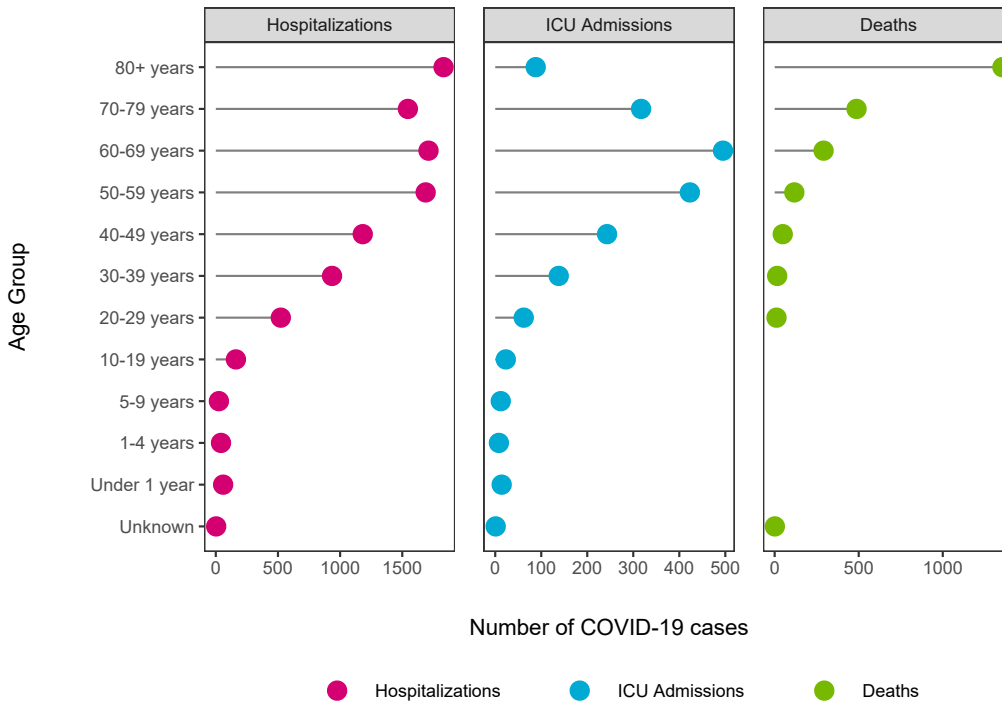


Figure 13: Total hospitalizations, ICU admissions and deaths (ever) among COVID-19 cases in Alberta by age group. Each ICU admission is also included in the total number of hospitalizations. This is based on totals rather than current hospitalizations and ICU admissions.

Table 5. Total Hospitalizations, ICU admissions and deaths (ever) among COVID-19 cases in Alberta by age group

Age Group	Cases	Hospitalized	ICU	Deaths
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Age Group	Count	Count	Hosp. rate	Pop. rate	Count	Case rate	Pop. rate	Count	Case rate	Pop. rate
<b>Total</b>	233681	9707	4.2	219.5	1824	0.8	41.2	2325	1.0	52.6
<b>Under 1 year</b>	1414	59	4.2	114.1	14	1.0	27.1	0	0.0	0.0
<b>1-4 years</b>	8915	42	0.5	19.3	8	0.1	3.7	0	0.0	0.0
<b>5-9 years</b>	12374	25	0.2	9.0	12	0.1	4.3	0	0.0	0.0
<b>10-19 years</b>	31618	162	0.5	30.4	23	0.1	4.3	0	0.0	0.0
<b>20-29 years</b>	42399	523	1.2	88.4	62	0.1	10.5	11	0.0	1.9
<b>30-39 years</b>	44453	935	2.1	130.7	138	0.3	19.3	15	0.0	2.1
<b>40-49 years</b>	36607	1182	3.2	194.3	243	0.7	39.9	48	0.1	7.9
<b>50-59 years</b>	27148	1688	6.2	306.5	423	1.6	76.8	117	0.4	21.2
<b>60-69 years</b>	15653	1711	10.9	360.7	495	3.2	104.3	291	1.9	61.3
<b>70-79 years</b>	6679	1545	23.1	592.8	317	4.7	121.6	487	7.3	186.9
<b>80+ years</b>	6285	1832	29.1	1306.1	88	1.4	62.7	1355	21.6	966.0
<b>Unknown</b>	136	3	2.2	NA	1	0.7	NA	1	0.7	NA

Note:

Based on total hospitalizations and ICU admissions ever.

Row percent is out of the number of cases in each age group.

Each ICU admission is also included in the total number of hospitalization

Case rate (per 100 cases)

Population rate (per 100,000 population)

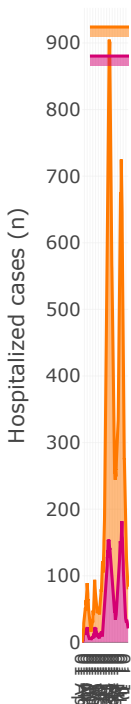
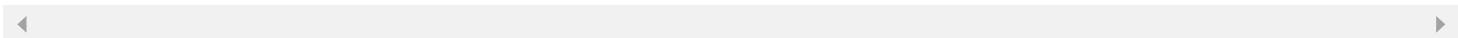


Figure 14: Number of current COVID-19 patients in hospital, ICU and non-ICU



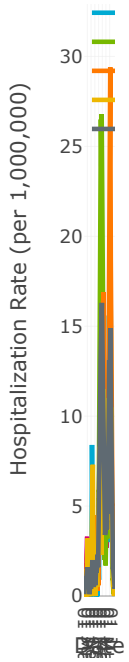


Figure 15: Rate of new hospitalizations (7-day rolling average, average of current day and previous 6 days) by admission date in Alberta and by zone

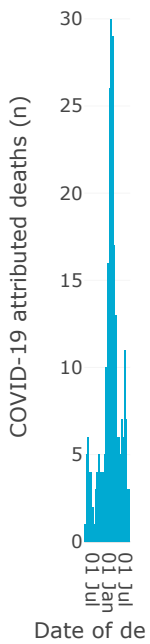


Figure 16: Daily COVID-19 attributed deaths. Data are subject to change; when death date is unavailable the date reported to Alberta Health is used until a death date is known.

Table 6. Number and percent of health conditions among COVID-19 deaths. Data updated on 2021-07-26.

Condition	Count	Percent
Hypertension	1957	84.2%
Cardio-Vascular Diseases	1223	52.6%

Note:

One individual can have multiple conditions.

Condition	Count	Percent
Renal Diseases	1185	51.0%
Dementia	1057	45.5%
Diabetes	1049	45.1%
Respiratory Diseases	951	40.9%
Cancer	554	23.8%
Stroke	459	19.7%
Liver Diseases	104	4.5%
Immuno-Deficiency Diseases	67	2.9%

Note:

One individual can have multiple conditions.

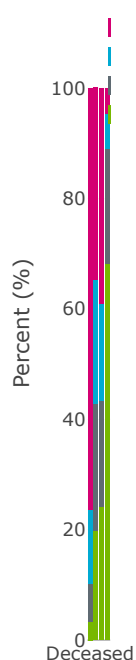


Figure 17: Percent of COVID-19 cases with no comorbidities, one comorbidity, two comorbidities, or three or more comorbidities by case severity (non-severe, hospitalized but non-ICU, ICU but not deceased, and deceased), all age groups and both sexes combined, all Alberta. Comorbidities included are: Diabetes, Hypertension, COPD, Cancer, Dementia, Stroke, Liver cirrhosis, Cardiovascular diseases (including IHD and Congestive heart failure), Chronic kidney disease, and Immuno-deficiency. Data updated on 2021-07-26.

Table 7. Number and percent of COVID-19 cases with no comorbidities, one comorbidity, two comorbidities, or three or more comorbidities by case severity (non-severe, hospitalized but non-ICU, ICU but not deceased, and deceased), all age groups and both sexes combined, Alberta. Comorbidities included are: Diabetes, Hypertension, COPD, Cancer, Dementia, Stroke, Liver cirrhosis, Cardiovascular diseases (including IHD and Congestive heart failure), Chronic kidney disease, and Immuno-deficiency. Data updated on 2021-07-26.

	Non-Severe		Non-ICU		ICU		Deaths	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>No comorbidity</b>	152355	68.3%	1659	24.1%	271	19.9%	76	3.3%
<b>With 1 condition</b>	46161	20.7%	1331	19.3%	312	22.9%	163	7.0%
<b>With 2 conditions</b>	14384	6.4%	1214	17.6%	306	22.5%	309	13.3%
<b>With 3 or more conditions</b>	10195	4.6%	2694	39.1%	474	34.8%	1777	76.4%

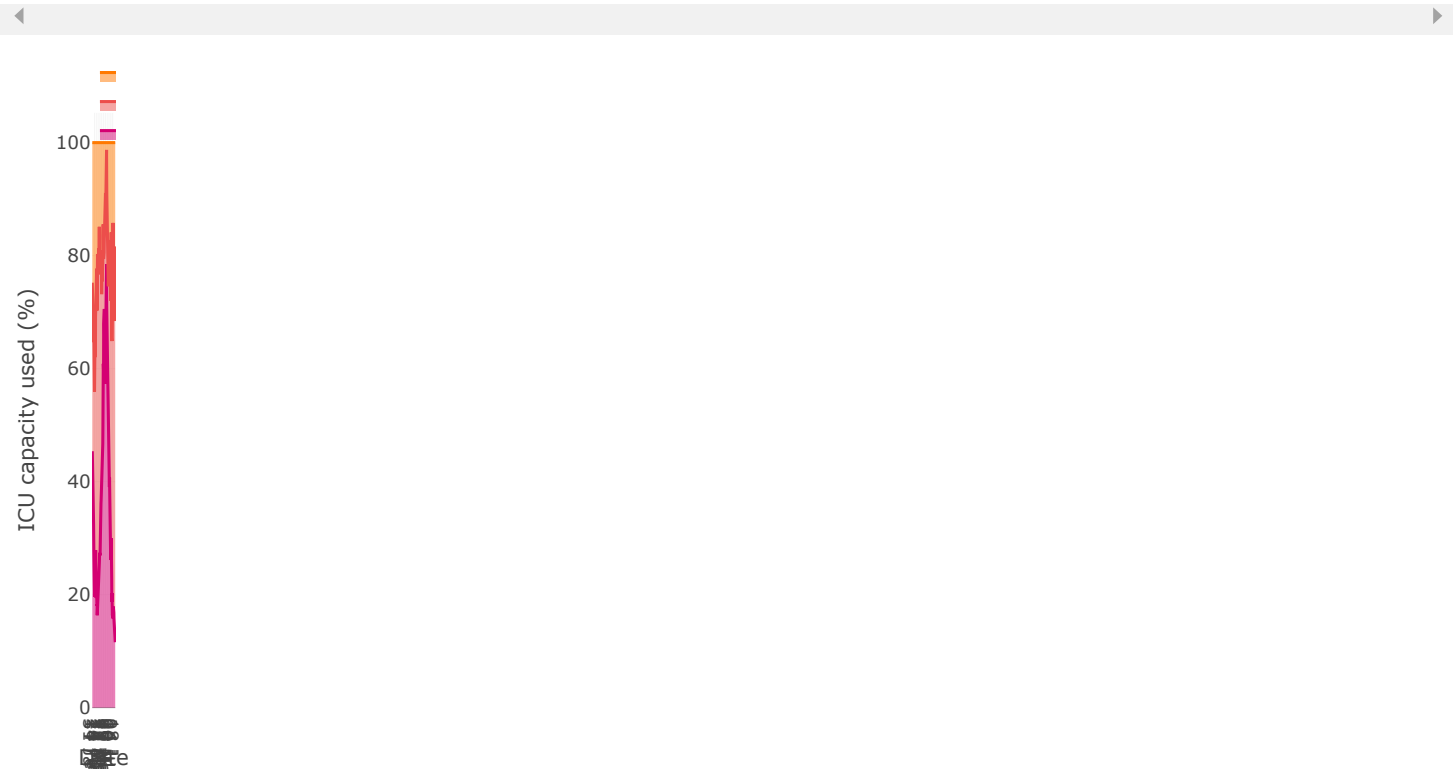


Figure 18: Intensive Care Unit (ICU) bed capacity. Data included may only be available at a lagged interval. As a result, the number of COVID occupied ICU beds on a particular day may not match the number reported elsewhere on the dashboard.



Figure 19: Total ICU bed capacity over time. Data included may only be available at a lagged interval. As a result, the number of COVID occupied ICU beds on a particular day may not match the number reported elsewhere on the dashboard.

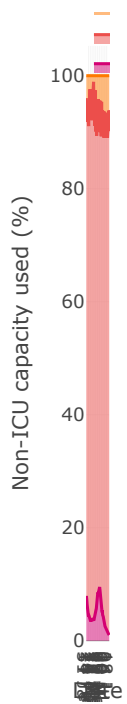


Figure 20: Non-ICU bed capacity. Data included may only be available at a lagged interval. As a result, the number of COVID occupied inpatient beds on a particular day may not match the number reported elsewhere on the dashboard. Data reflects the non-ICU hospital occupancy at the 14 largest hospitals, excluding pediatrics.

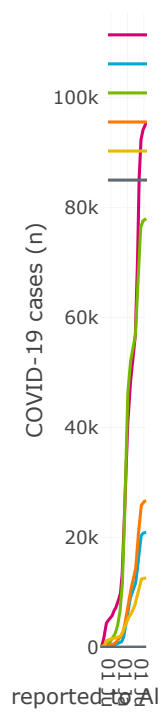


Figure 21: Cumulative COVID-19 cases in Alberta by zone and date reported to Alberta Health. Cases without a postal code or incorrect postal codes are labelled as unknown.

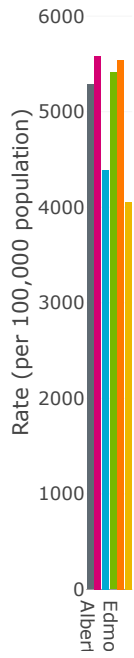


Figure 22: Rate of COVID-19 cases (per 100,000 population) in Alberta and by zone

Table 8. COVID-19 cases in Alberta by zone

Zone	Count	Percent
<b>Calgary Zone</b>	95,454	41
<b>Central Zone</b>	20,921	9
<b>Edmonton Zone</b>	78,014	33
<b>North Zone</b>	26,658	11
<b>South Zone</b>	12,622	5
<b>Unknown</b>	12	0
<b>All</b>	233,681	100

Leaflet

Geographies can be displayed by municipality or local geographic area (LGA). When viewing by municipality, regions are defined by metropolitan areas, cities, urban service areas, rural areas, and towns with approximately 10,000 or more people; smaller regions (i.e. villages, and reserves) are incorporated into the corresponding rural area. Cases without a postal code or incorrect postal codes are not included. Location information missing/invalid for: 632 case(s).

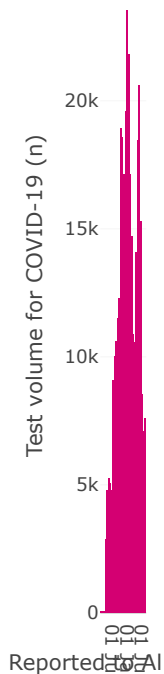


Figure 23: Tests performed for COVID-19 in Alberta by day. Tests can be performed for the same person multiple times.

Table 9. COVID-19 testing in Alberta

	<b>Number (n)</b>
<b>Test volume</b>	4,843,631
<b>People tested</b>	2,235,502

Table 10. Number of people tested for COVID-19 in Alberta by zone

<b>Zone</b>	<b>Count</b>	<b>Percent</b>
<b>Calgary Zone</b>	903,058	40
<b>Central Zone</b>	202,156	9
<b>Edmonton Zone</b>	711,707	32
<b>North Zone</b>	216,058	10
<b>South Zone</b>	139,420	6
<b>Unknown</b>	63,103	3
<b>All</b>	2,235,502	100

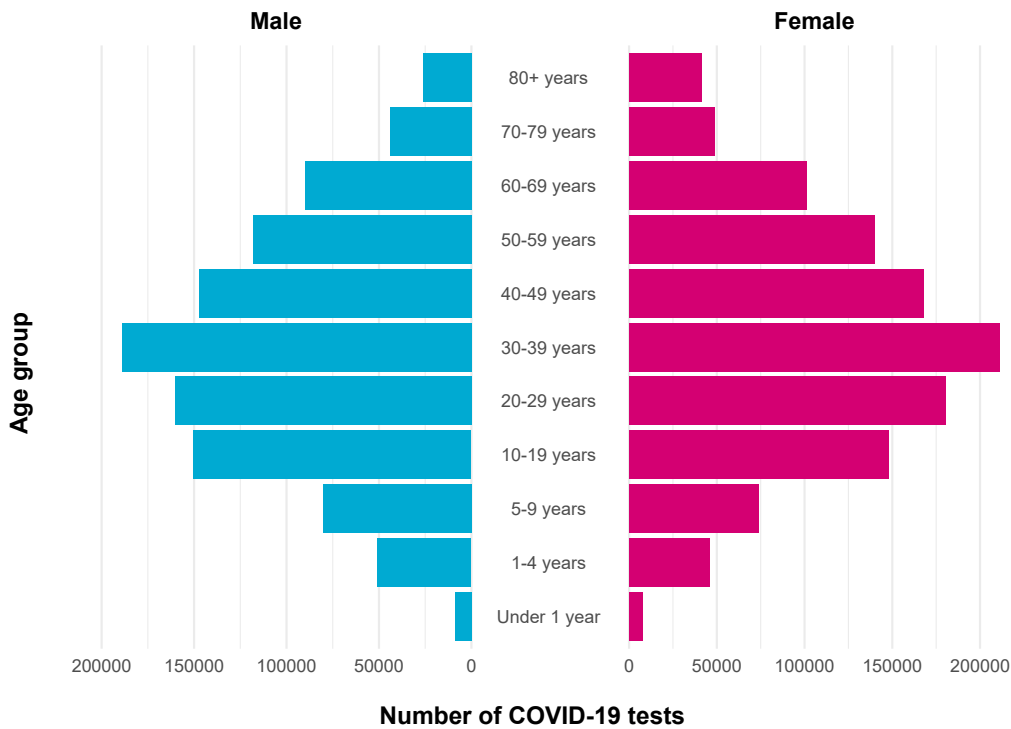


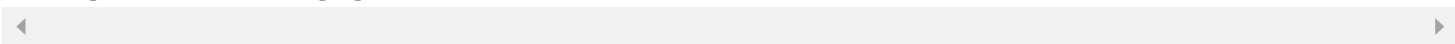
Figure 24: People tested for COVID-19 in Alberta by age group and gender.

Table 11. People tested for COVID-19 in Alberta by age group and gender

Age	Gender							
	Female		Male		Unknown		All	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Under 1 year	7,911	0	9,054	0	21	0	16,986	1
1-4 years	45,630	2	50,765	2	50	0	96,445	4
5-9 years	73,852	3	80,055	4	97	0	154,004	7
10-19 years	148,162	7	150,293	7	312	0	298,767	13
20-29 years	180,429	8	160,117	7	570	0	341,116	15
30-39 years	211,327	9	188,937	8	551	0	400,815	18
40-49 years	167,762	8	147,355	7	434	0	315,551	14
50-59 years	139,978	6	118,157	5	335	0	258,470	12
60-69 years	101,315	5	90,110	4	195	0	191,620	9
70-79 years	48,592	2	44,167	2	62	0	92,821	4
80+ years	41,298	2	26,339	1	93	0	67,730	3
Unknown	416	0	422	0	338	0	1,177	0
<b>All</b>	<b>1,166,672</b>	<b>52</b>	<b>1,065,771</b>	<b>48</b>	<b>3,058</b>	<b>0</b>	<b>2,235,502</b>	<b>100</b>

Note:

Count represents the number of people tested



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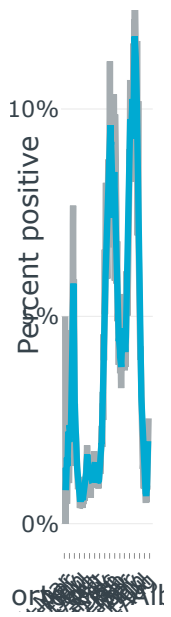
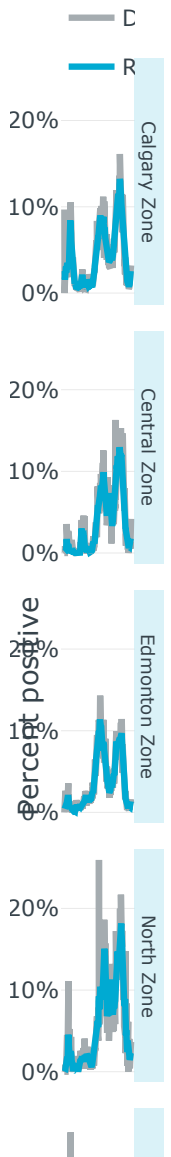


Figure 25: Cumulative and daily test positivity rate for COVID-19 in Alberta.





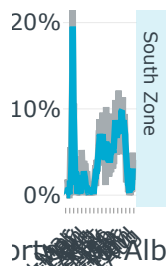


Figure 26: Positivity rate for COVID-19 in Alberta by zone.

**Summary**

**NOTE: People are identified as COVID-19 cases prior to variant of concern identification. As such, variant of concern reporting is delayed compared to date the case was reported to Alberta Health.**

**Due to the large number of positive COVID-19 cases, between May 1, 2021 and May 31, 2021, the lab screened a sample of positive cases.**

- **50,501** variants of concern identified
  - **845** active cases
  - **284** died

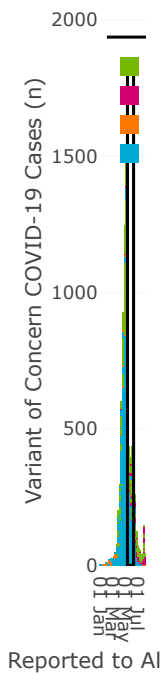


Figure 27: Variant of concern COVID-19 cases in Alberta by day. Note: cases are identified as COVID-19 positive prior to being identified as a variant of concern. Data included up to end of day July 26, 2021.

Table 12. Variants of concern COVID-19 cases identified in Alberta and by Zone

Zone	B.1.1.7 UK Variant	B.1.351 South African Variant	B.1.617 India Variant	P.1 Brazilian Variant	Total
Calgary Zone	20,046	79	1,315	775	22,215
Central Zone	5,435	2	42	147	5,626
Edmonton Zone	11,411	65	244	1,054	12,774

Zone	B.1.1.7 UK Variant	B.1.351 South African Variant	B.1.617 India Variant	P.1 Brazilian Variant	Total
North Zone	6,222	30	50	754	7,056
South Zone	2,663	0	71	95	2,829
Unknown	0	0	1	0	1
Alberta	45,777	176	1,723	2,825	50,501

Table 13. Variants of concern COVID-19 cases identified who are active, recovered, or died in Alberta and by Zone

Zone	Active	Died	Recovered	Total
Calgary Zone	556	81	21,578	22,215
Central Zone	34	39	5,553	5,626
Edmonton Zone	140	103	12,531	12,774
North Zone	57	41	6,958	7,056
South Zone	58	20	2,751	2,829
Unknown	0	0	1	1
Alberta	845	284	49,372	50,501

**Data are subject to change.** Fluctuations are expected as cases are investigated and updated. Data are provided for export in csv format.

### Case data

Data included up to end of day July 26, 2021.

[Download](#)

### Geospatial data

Data included up to end of day July 26, 2021.

[Download](#)

### Vaccine data

Data included up to end of day July 26, 2021.

[Download](#)

### Data sources

The Provincial Surveillance Information system (PSI) is a laboratory surveillance system which receives positive results for all Notifiable Diseases and diseases under laboratory surveillance from Alberta Precision Labs (APL). The system also receives negative results for a subset of organisms such as COVID-19. The system contains basic information on characteristics and demographics such as age, zone and gender. The Communicable Disease Reporting System (CDRS) at Alberta Health and the Communicable Disease Outbreak Management (CDOM) system at Alberta Health Services contains information on COVID-19 cases. Data Integration and Measurement Reporting (DIMR) database at Alberta Health Services contains up to date information on people admitted and discharged from hospital in Alberta. Information such as hospitalizations and ICU admissions are received through enhanced case report forms sent by Alberta Health Services (AHS).

COVID-19 vaccinations and AEFIs are reported to the Provincial Immunization and Adverse Reaction to Immunization (Imm/ARI) repository. In Alberta, all health practitioners are required by law to report Adverse Events Following Immunization (AEFI) to Imm/ARI. The reporting requirements are outlined in the Immunization Regulation, under the Public Health Act. Case definitions are further defined in the AEFI Policy. As

of January 1, 2021, all health practitioners are required to report all (both provincially funded and privately purchased) vaccinations electronically to Imm/ARI.

## Definitions

### Recovered

Active and recovered status is a surveillance definition to try to understand the number of active cases in the population. It is not related to clinical management of cases. It is based on the assumption that a case is recovered 14 days after a particular date. For confirmed cases, specimen collected date is used and for probable cases date reported to Alberta Health is used. If a case is hospitalized, the recovered date is when their symptoms have resolved based on case follow-up, or 10 days after being discharged.

### COVID-19 Deaths

A death resulting from a clinically compatible illness, in a probable or confirmed COVID-19 case, unless there is a clear alternative cause of death identified (e.g., trauma, poisoning, drug overdose).

A Medical Officer of Health or relevant public health authority may use their discretion when determining if a death was due to COVID-19, and their judgement will supersede the above criteria.

A death due to COVID-19 may be attributed when COVID-19 is the cause of death or is a contributing factor.

### Lab Positivity

COVID-19 percent positivity in Alberta is calculated using the Test Over Test method, which is the same method employed by the US Centers for Disease Control and Prevention. The calculation is as follows:

Daily Number of Positive Tests / (Daily Number of Positive Tests + Daily Number of Negative Tests) Q/RT-PCR tests are the only COVID-19 tests included in this calculation.

<https://www.cdc.gov/coronavirus/2019-ncov/lab/resources/calculating-percent-positivity-faq.html>

### Comorbidities

The following comorbidities are included in respective analyses: Diabetes, Hypertension, COPD, Cancer, Dementia, Stroke, Liver cirrhosis, Cardiovascular diseases (including IHD and Congestive heart failure), Chronic kidney disease, and Immuno-deficiency.

### Vaccine coverage

Individuals who received at least one dose was calculated as (# of individuals who received at least one dose) / (population estimate). Those who received two doses was calculated as (# of individuals who received two doses) / (population estimate).

## Disclaimer

The content and format of this report are subject to change. Cases are under investigation and numbers may fluctuate as cases are resolved. Data included in the interactive data application are up-to-date as of end of day July 26, 2021.

