

# BCCDC COVID Data Summary

21 October 2021

## Purpose

The surveillance deck is a summary of COVID-19 related indicators that can help inform the pandemic response in British Columbia. This surveillance monitoring constitutes the medical chart for population health assessment that guides the public health community of practice. As such this is a working document that reflects a snapshot in time and may differ from other published reports.

## Data Sources

The collection, use and disclosure of case data is subject to the Public Health Act. COVID-19 cases are reported under the Public Health Act to the health authority of residence. Public health case notification, clinical management, contact tracing and follow-up contributes surveillance data for regional and provincial COVID-19 monitoring. Each regional health authority have their own workflows and information systems for capture of relevant data. This data foremost serves the public health and clinical management of the case and their contacts.

## Disclaimer

- Data and key messages within these documents are not finalized and considered to be work in progress that is subject to retroactive changes as more data and information become available.
- Accurate interpretation of figures may be difficult with the limited inclusion of data notes and methodology descriptions in this document.

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# Overall Summary for surveillance data to Oct 21

- Case rates are elevated and increasing across NH, decreasing in IH, and stable in VCH, FH and VIHA.
- Test positivity among public tests is stable (~6% provincially), and is high and increasing in NH (22%).
  - Testing rates are high but decreasing in children
- New hospitalizations are elevated and rising slowly provincially; hospital/critical care census is stable provincially, but there is variation across BC; new deaths are low but slowly increasing.
- Hospitalization rates among children continue to remain very low.
- The majority of new cases and hospitalizations continue to be among unvaccinated individuals.
- Vaccine coverage in BC, 19 Oct, 1 dose (2 doses): ~80% (75%) of total population, ~89% (83%) of 12+ eligible population. Lower vaccine coverage in Interior and Northern and among younger individuals.
- The Delta variant continues to account for ≈100% of all positive tests in BC.

# Oct 14 to Oct 19: BC COVID-19 Profile



**199,534** total cases  
**4,348** new this week



**2,092** total deaths  
**59** new this week

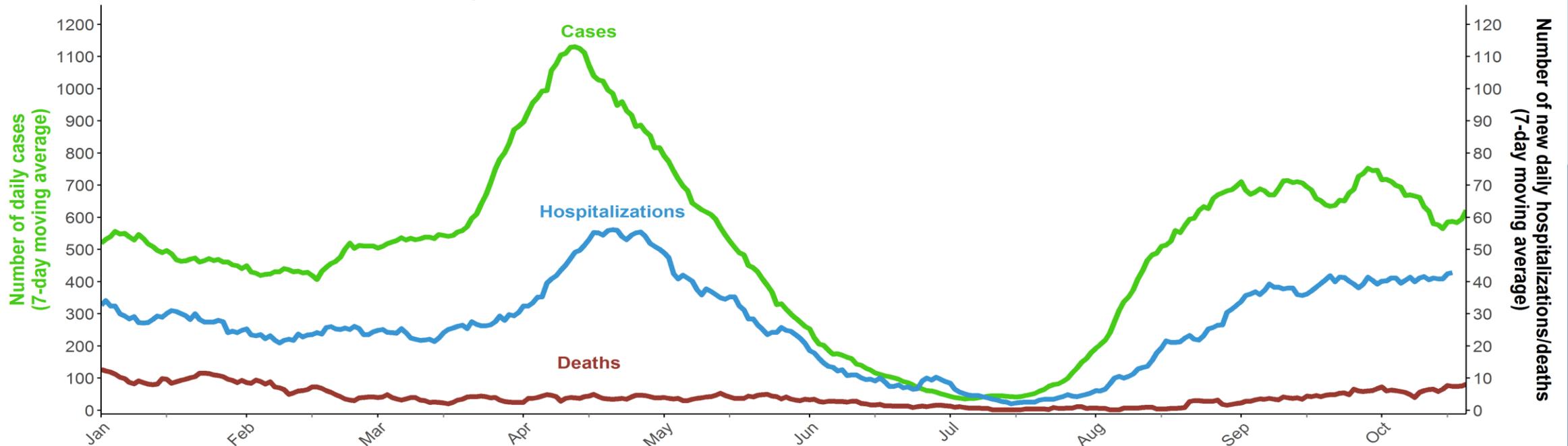


**10,740** ever hospitalized  
**272** new this week



**192,189** removed from isolation  
**4,625** new this week

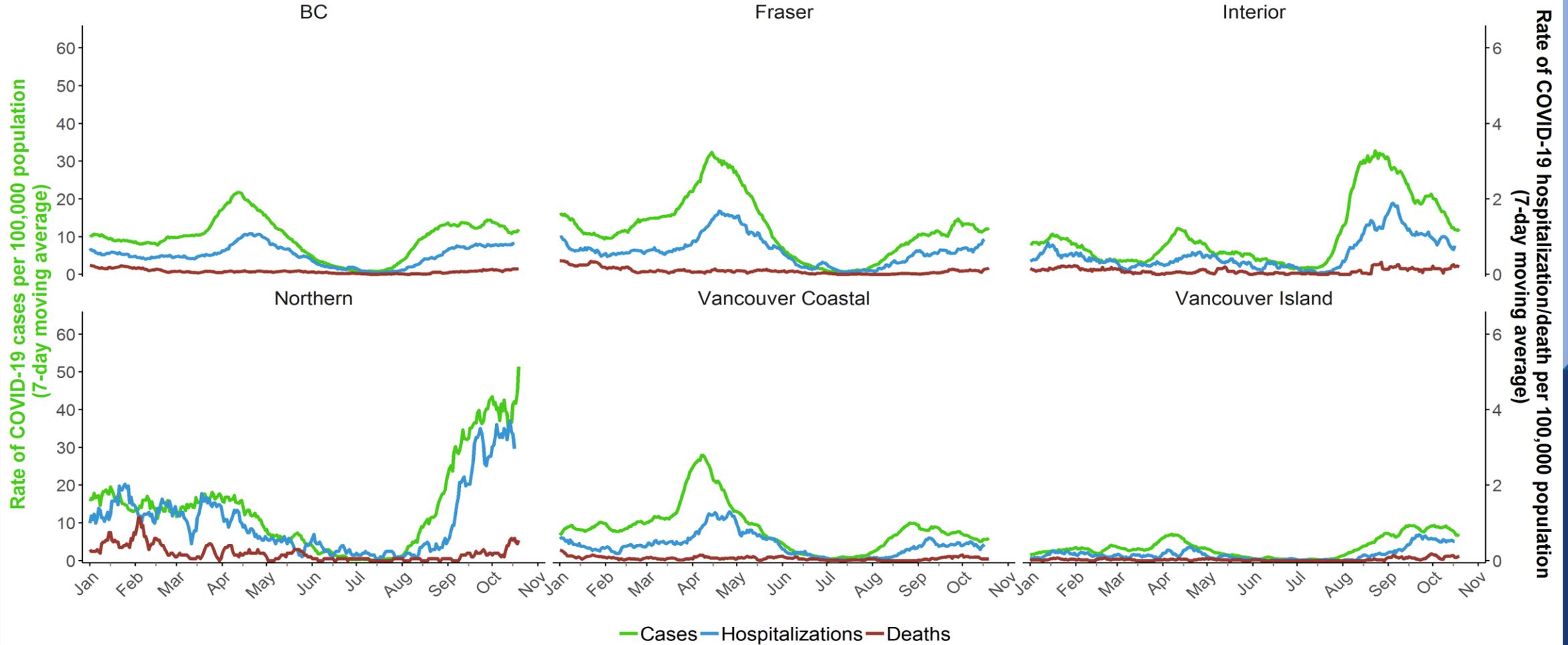
New daily COVID-19 cases, hospitalizations and deaths, Jan 01 2021 - Oct 19 2021



\* Data are by surveillance date for cases and deaths, and admission date for hospitalizations  
Data source: PHRDW Oct-20-2021

Case rates are elevated and stable and new hospitalizations are elevated and rising slowly at provincial level, but trends differ by HA ; new deaths are low but slowly increasing.

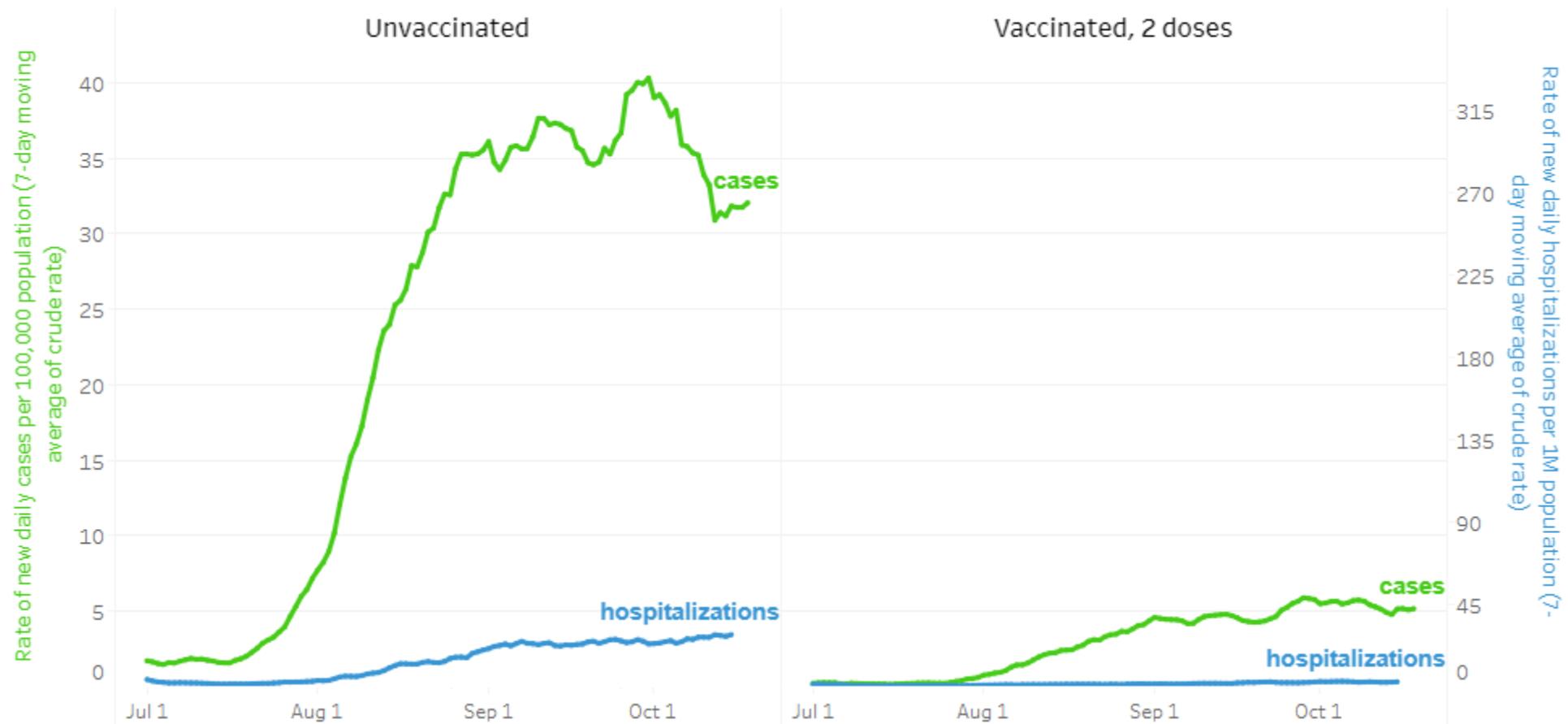
Rate of COVID-19 case, hospitalization and death, Jan 01 2021 - Oct 19 2021



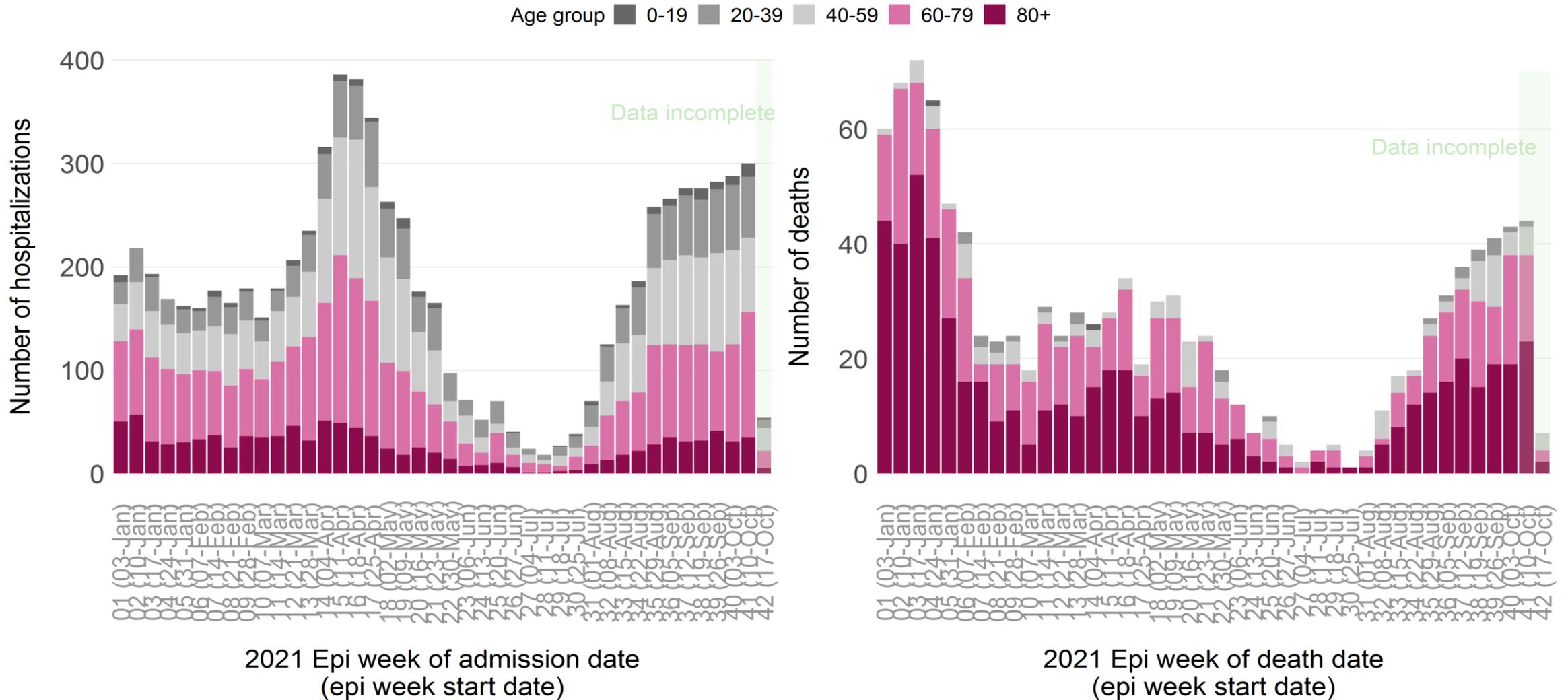
\* Data are by surveillance date for cases and deaths, and admission date for hospitalizations  
Data source: PHRDW Oct-20-2021

# The majority of new cases and hospitalizations continue to be among unvaccinated individuals

Case and Hospitalization Rate, BC, all ages, Jul. 01 - Oct. 18

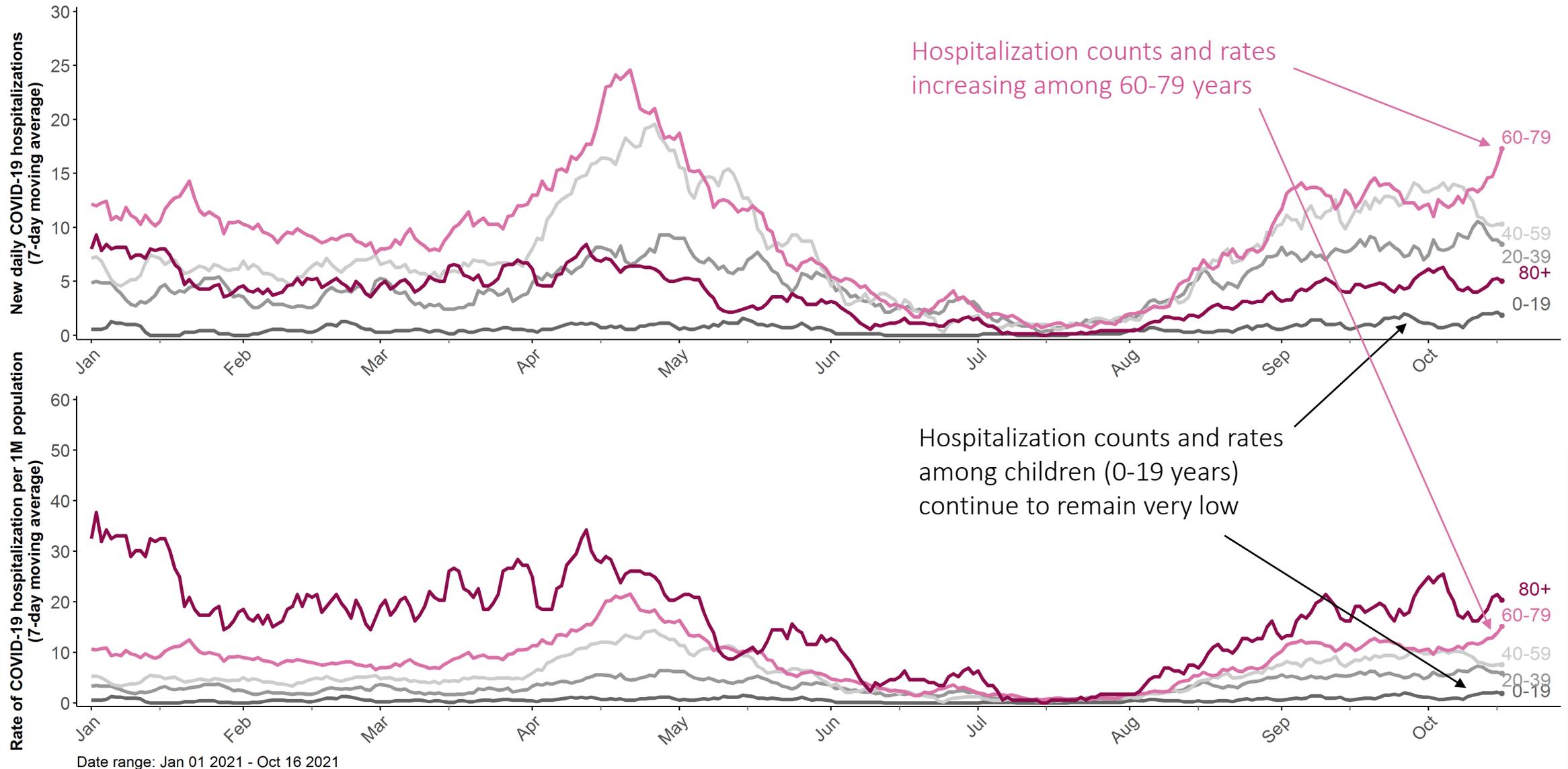


Number of new hospital admissions is elevated and rising slowly, most increase among 60-79 years. Deaths are low, but slowly increasing, majority are in individuals  $\geq 60$  years.



Data extracted on 2021-10-20; hospitalization and death data from health authority case line list data

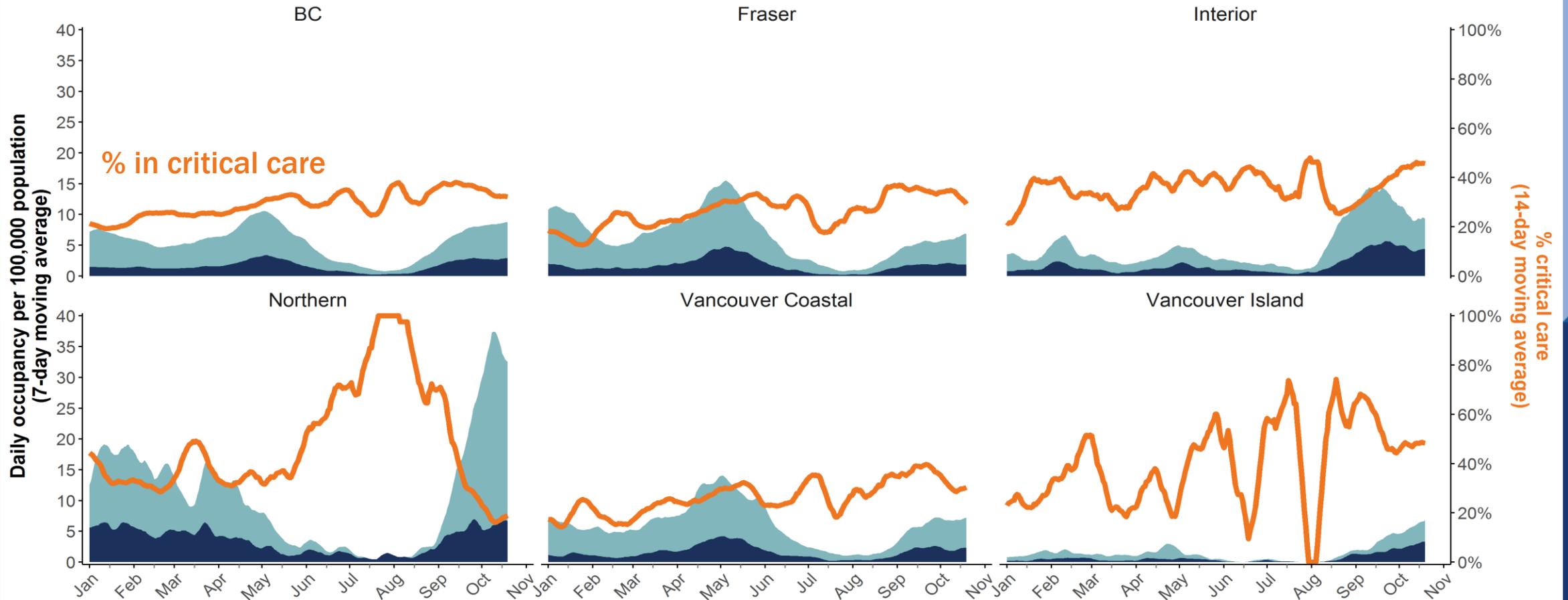
# Trends in number and rate of new hospitalizations by age group, BC, 1 Jan – 16 Oct 2021



Critical care census is stable across province. Hospital census is elevated in NH, elevated and stable in IH, low and increasing in VIHA, and stable in FH and VCH. (note: census captures the location of hospitalization, not residence of individual cases)

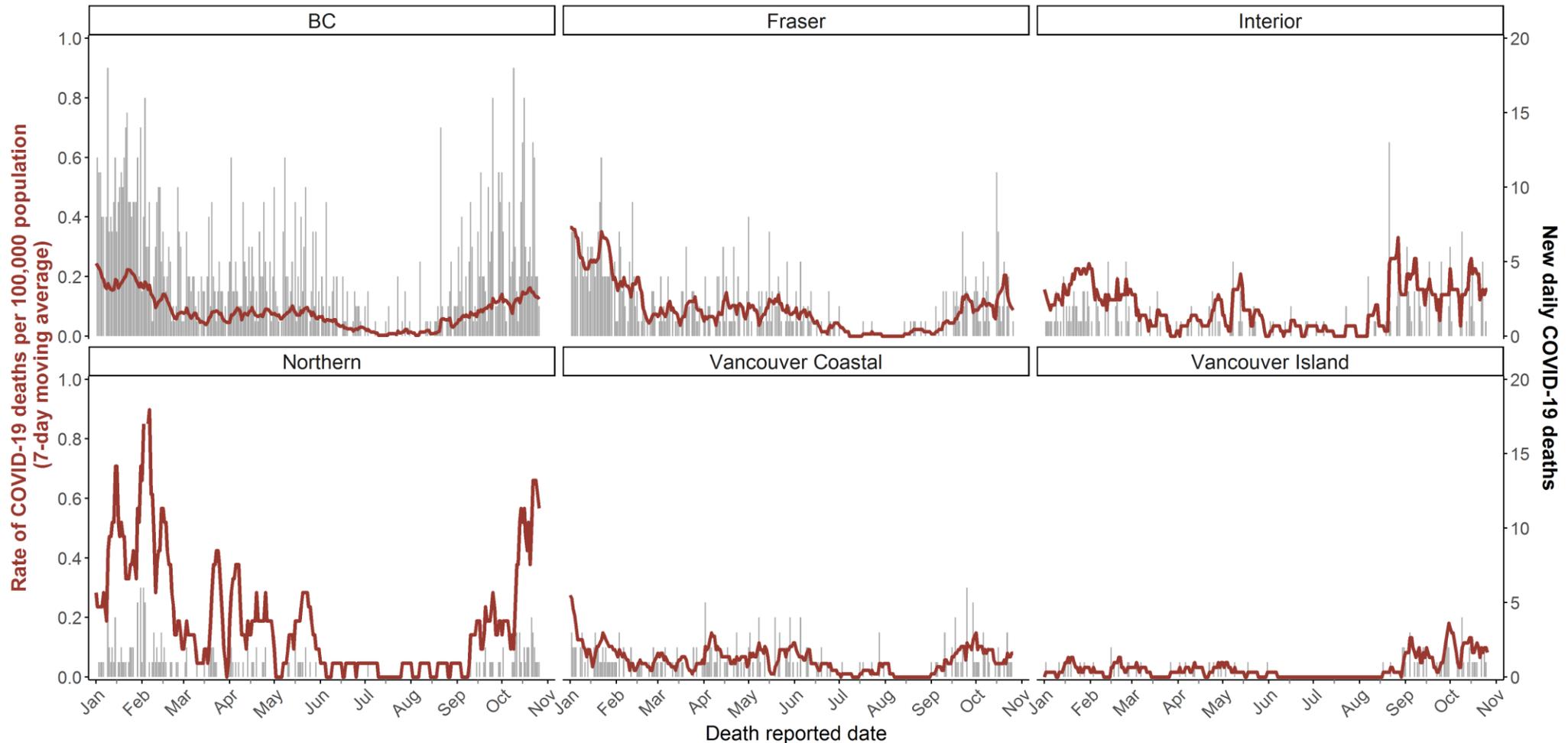
Current COVID-19 hospitalizations in BC, Jan 01 2021 - Oct 19 2021

In the hospital but not in critical care In critical care



\* Data are by census date for hospitalizations  
Data source: PHSA Provincial COVID19 Monitoring Solution (PCMS) Oct-20-2021

# Deaths are slowly increasing provincially; elevated per capita rate of death in Northern, followed by Interior and Fraser Health



Date range: Jan 01 2021 - Oct 26 2021

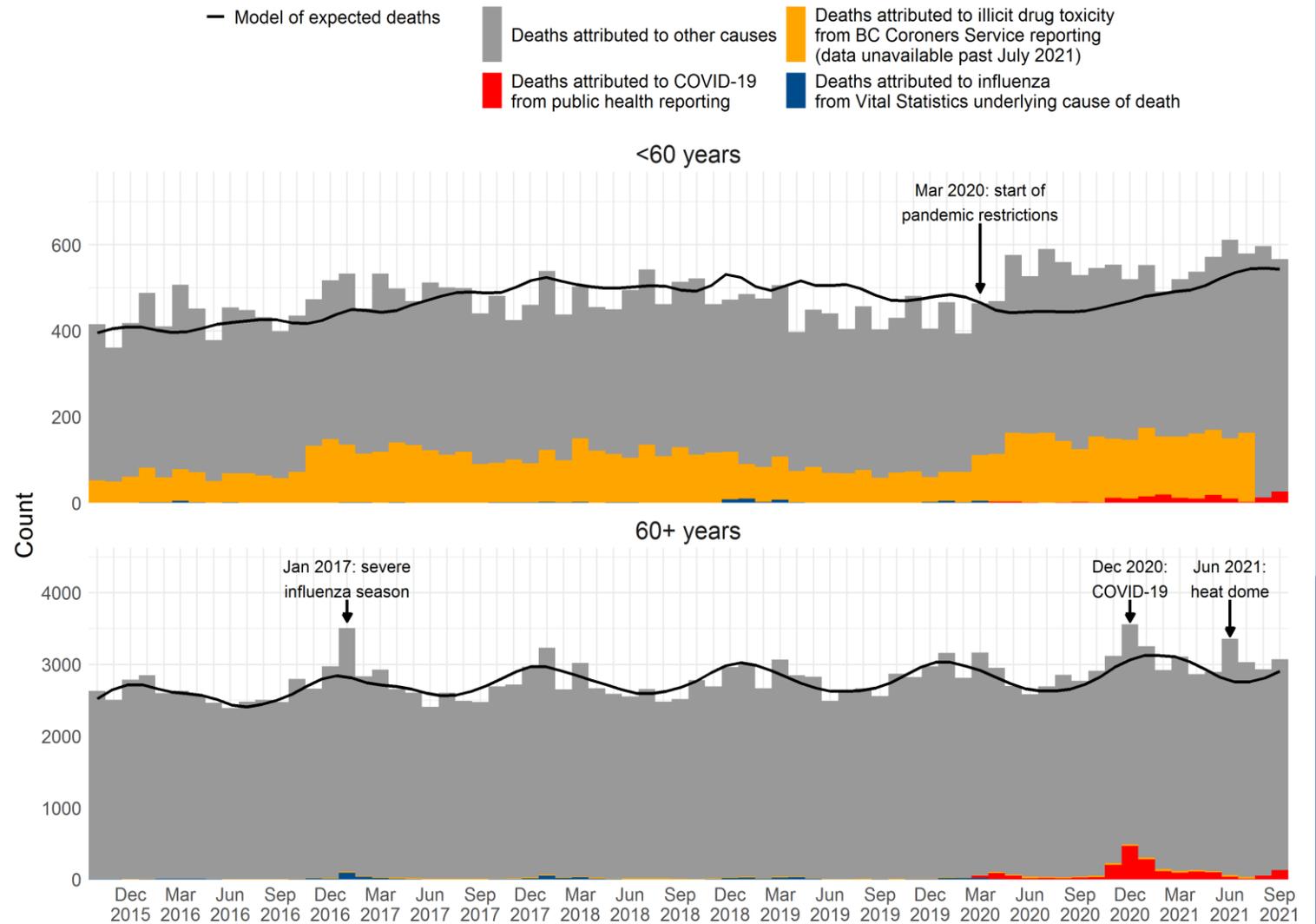
Excess mortality in BC can be attributed to different factors at different times.

In the context of strong public health interventions, monthly peak excess mortality due to COVID in those aged 60+ was comparable with monthly peak excess mortality due to influenza in prior years in the absence of such interventions.

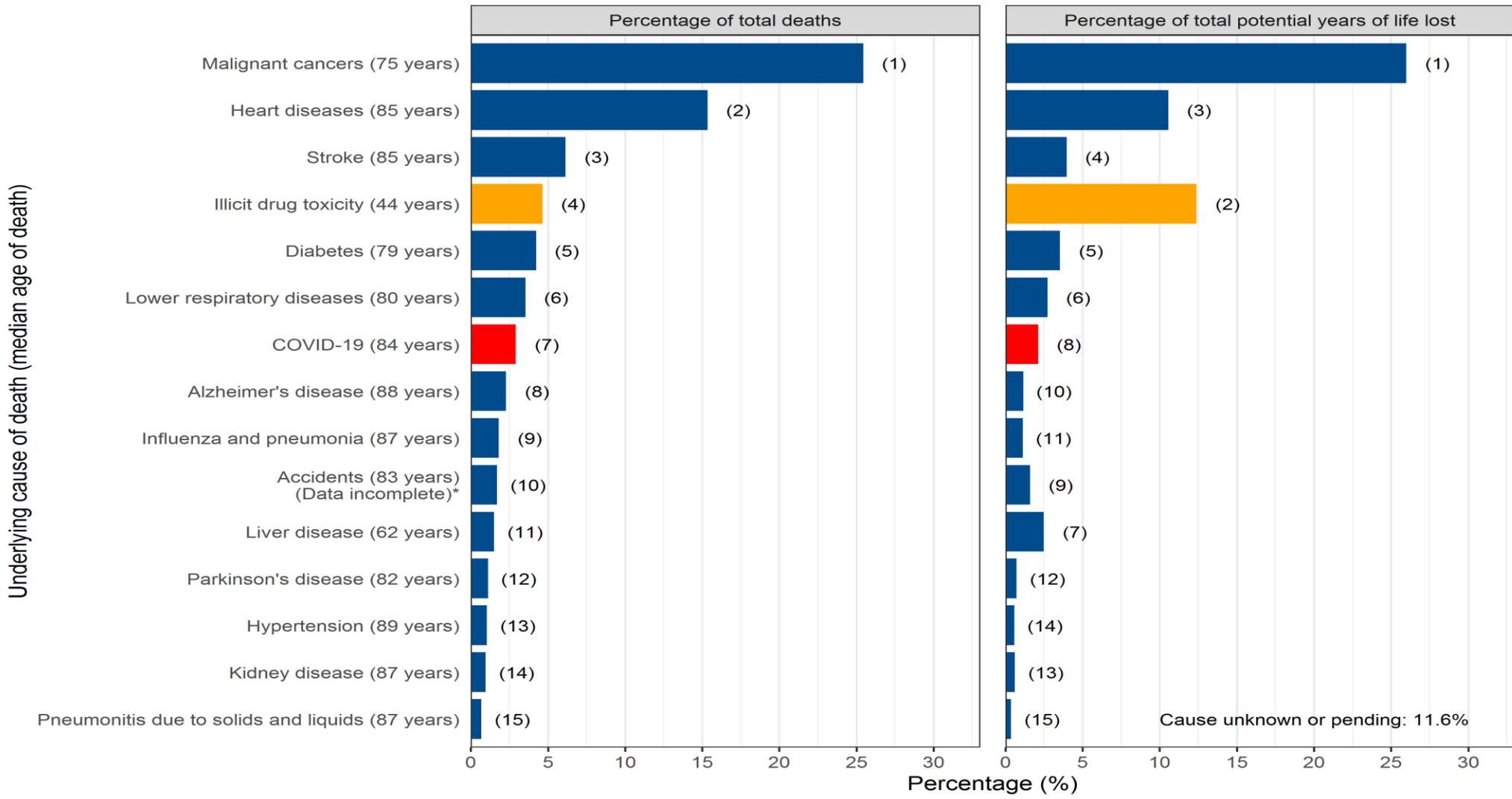
Excess mortality attributed to the heat dome in those aged 60+ was comparable with monthly peak mortality due to respiratory viruses.

There was a significant increase in excess mortality in those <60 years at the beginning of the pandemic that corresponds with a significant increase in drug toxicity deaths

Monthly mortality in British Columbia by cause and age group, October 2015 to September 2021



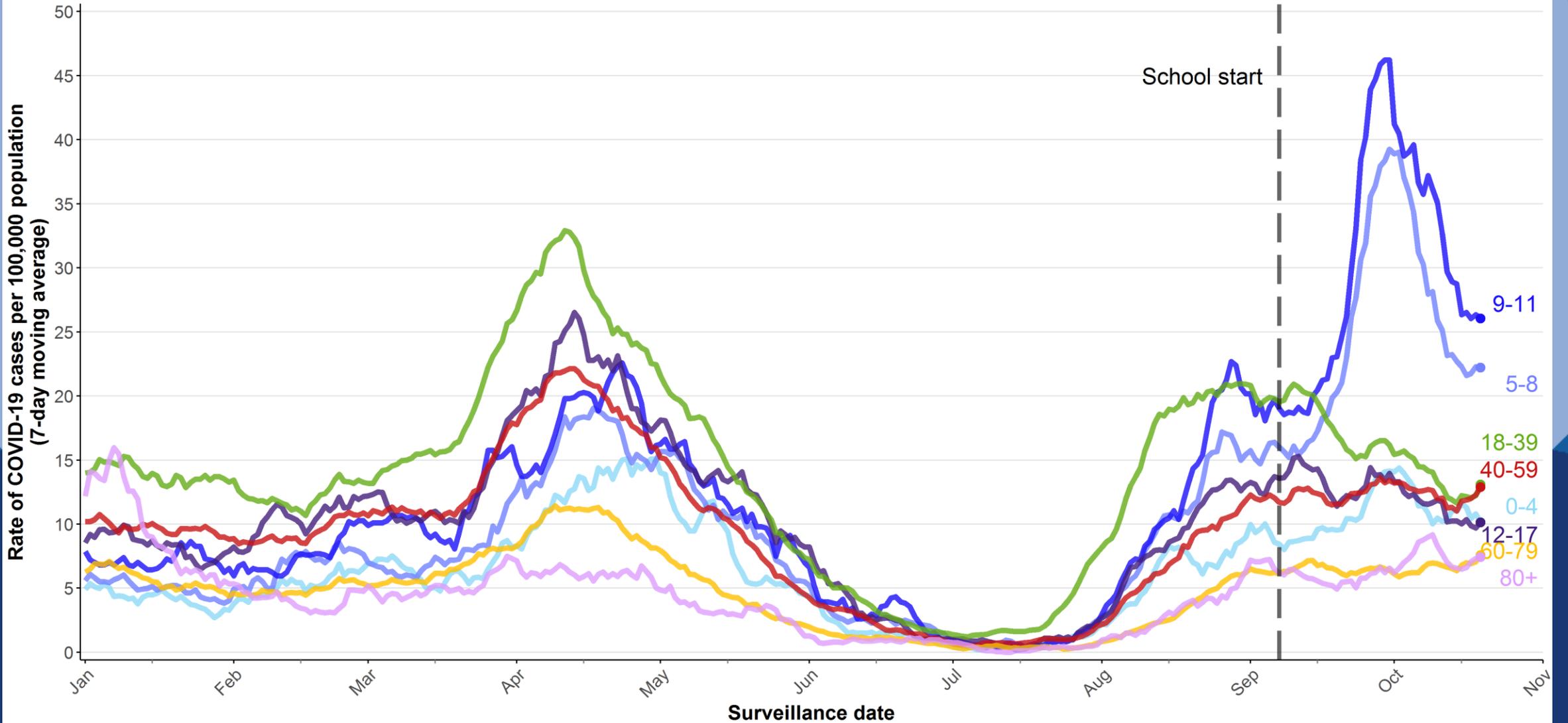
# Top 15 causes of death (ranking) in British Columbia from March 2020 to July 2021



\*External causes of death (other than illicit drug toxicity) incomplete due to reporting delay and will rise in ranking as data become complete.  
 Data sources: 1) BC Vital Statistics; 2) Data on illicit drug toxicity deaths provided to BCCDC by BC Coroners Service; 3) Statistics Canada Table 13-10-0114-01 Life expectancy and other elements of the life table, Canada, reference period 2017-2019.

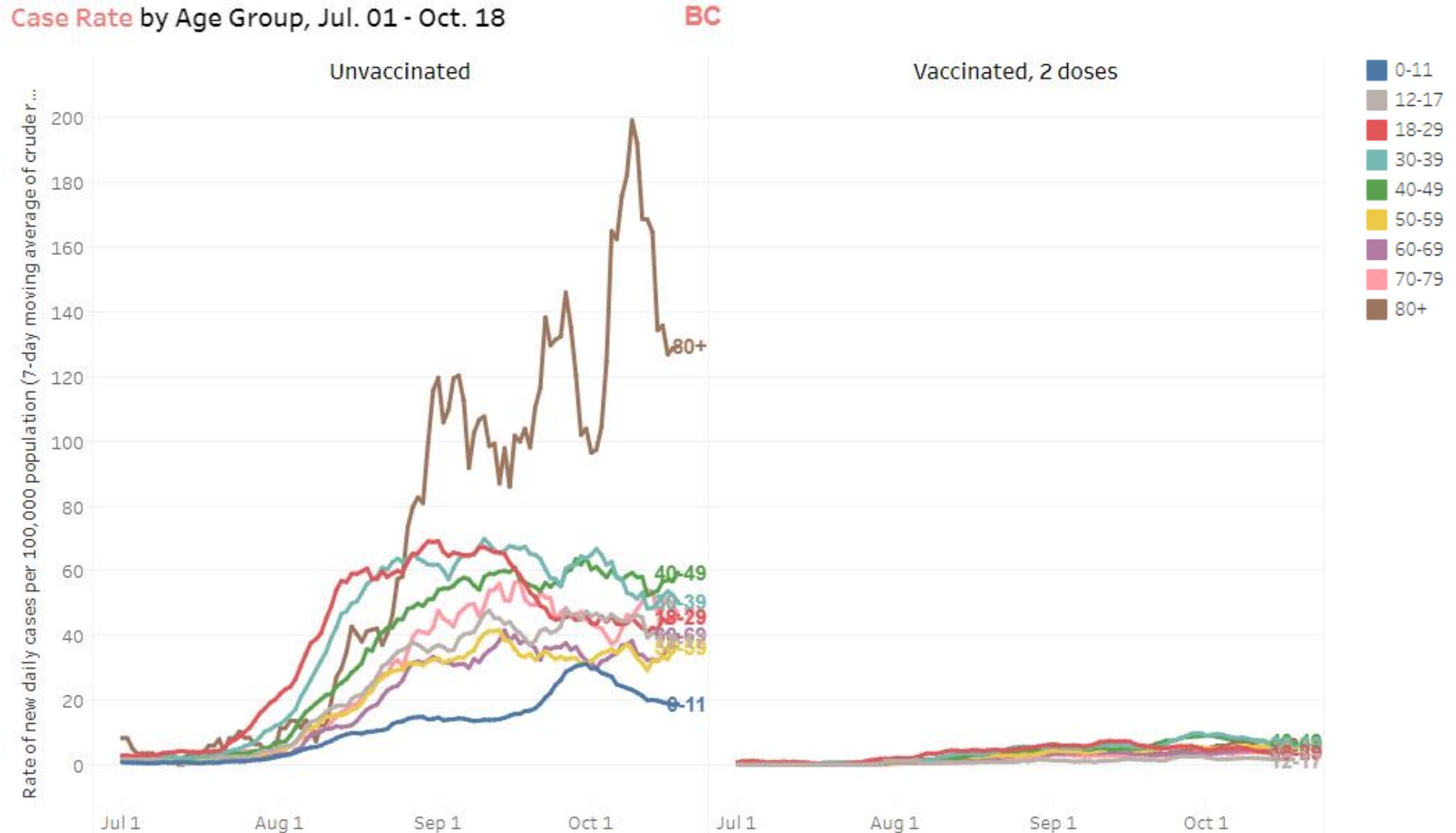
Incidence among 0-11 year olds is elevated and stable.

Note: testing rates among children are high, see slides 44 and 45

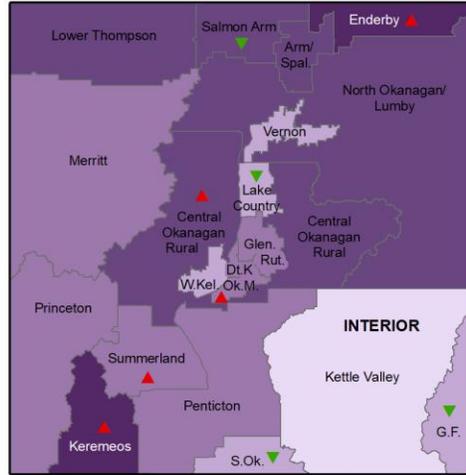


\* Data based on surveillance date (i.e. lab result date, or when not available, date reported to public health)  
Data range: Jan 01 2021 - Oct 19 2021

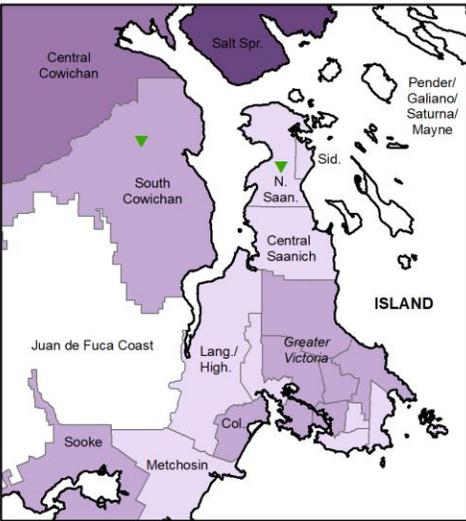
For all age groups, those who are vaccinated have very low case rates. Among those unvaccinated, case rate is the lowest in the 0-11 age group even with higher testing rates.



Okanagan Inset  
(Community Health Service Areas)

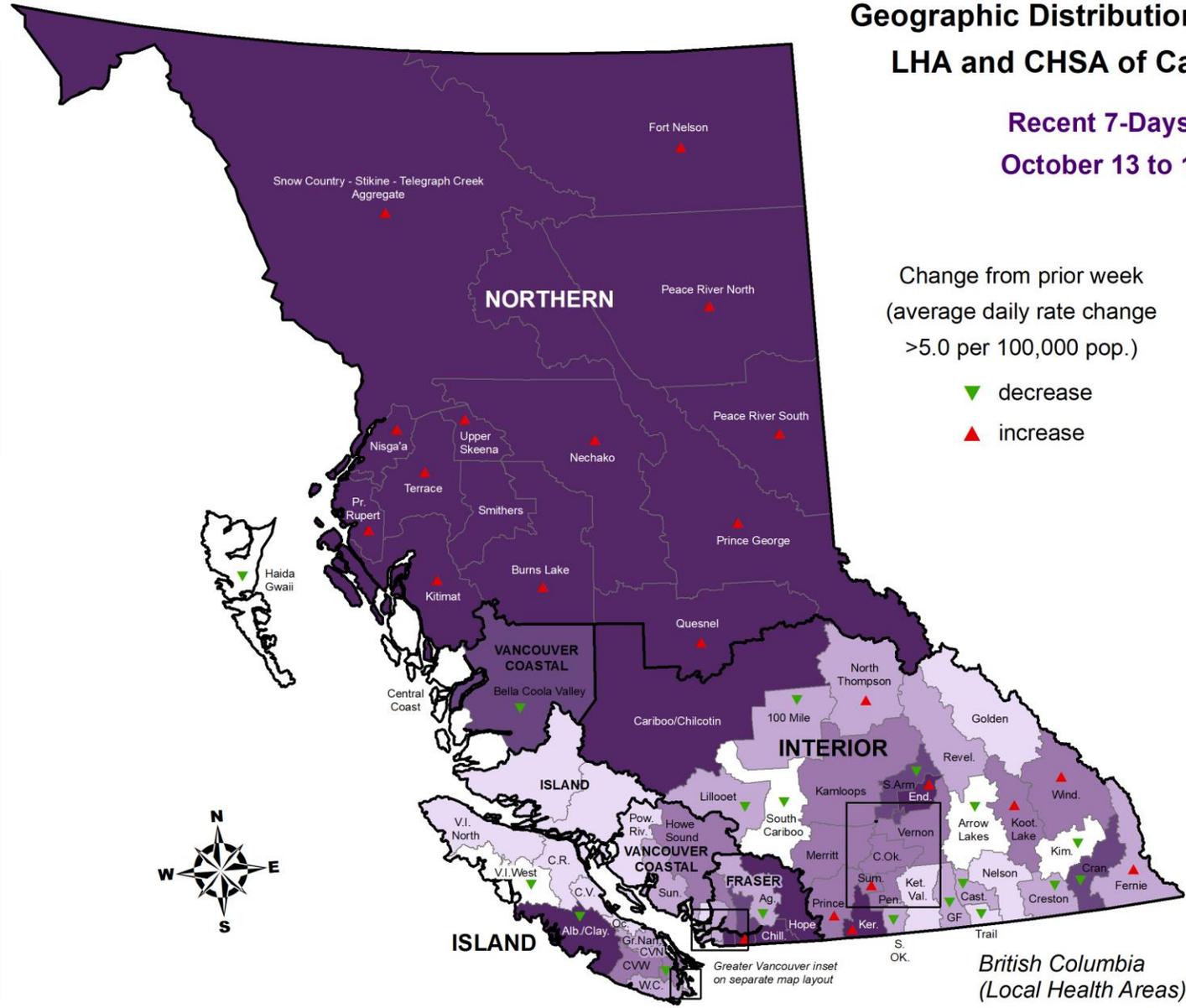


Greater Victoria Inset  
(Community Health Service Areas)



# Geographic Distribution of COVID-19 by LHA and CHSA of Case Residence

Recent 7-Days Cases  
October 13 to 19, 2021



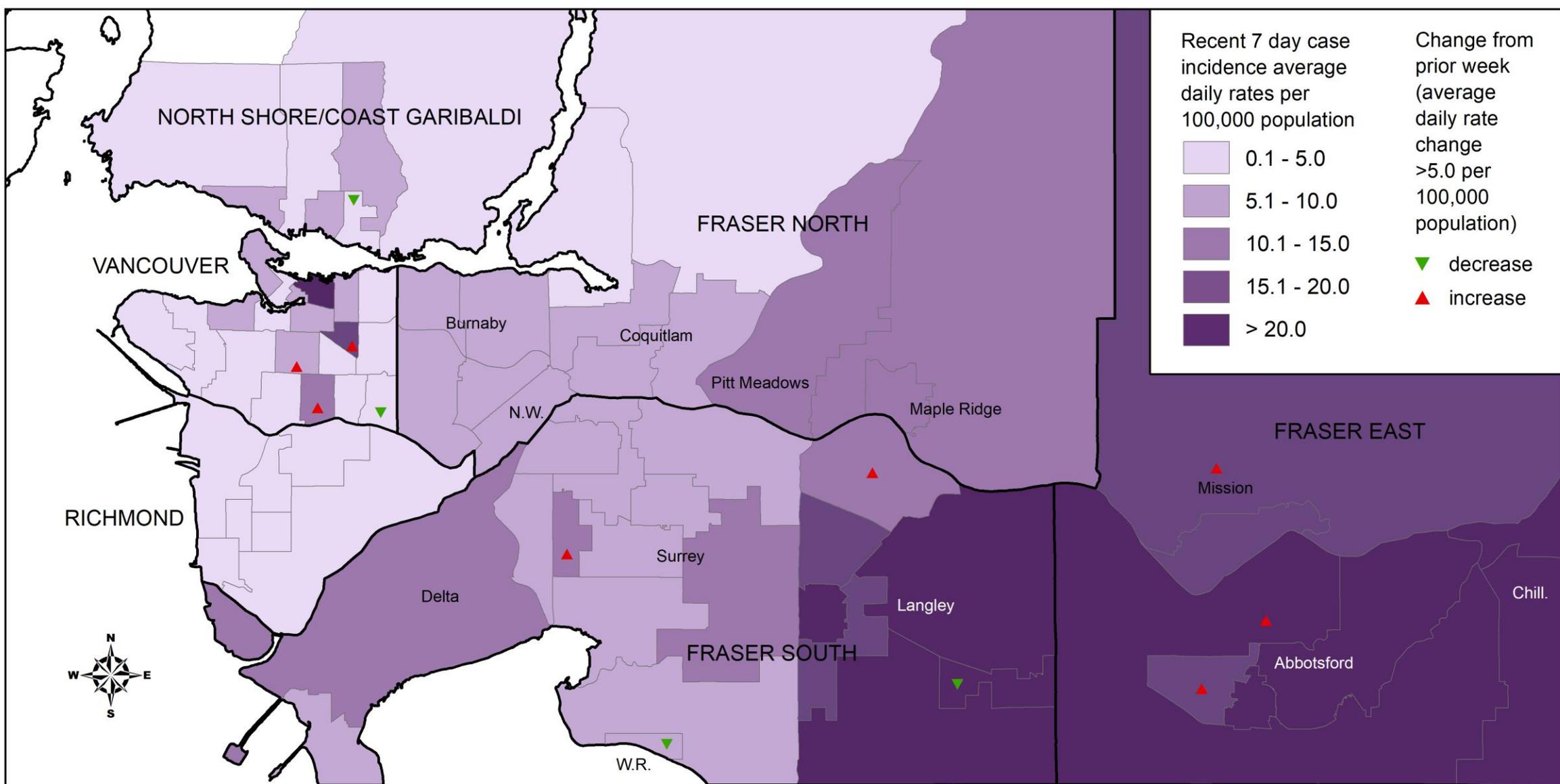
Change from prior week  
(average daily rate change  
>5.0 per 100,000 pop.)

- ▼ decrease
- ▲ increase

Average daily rate per  
100,000 population

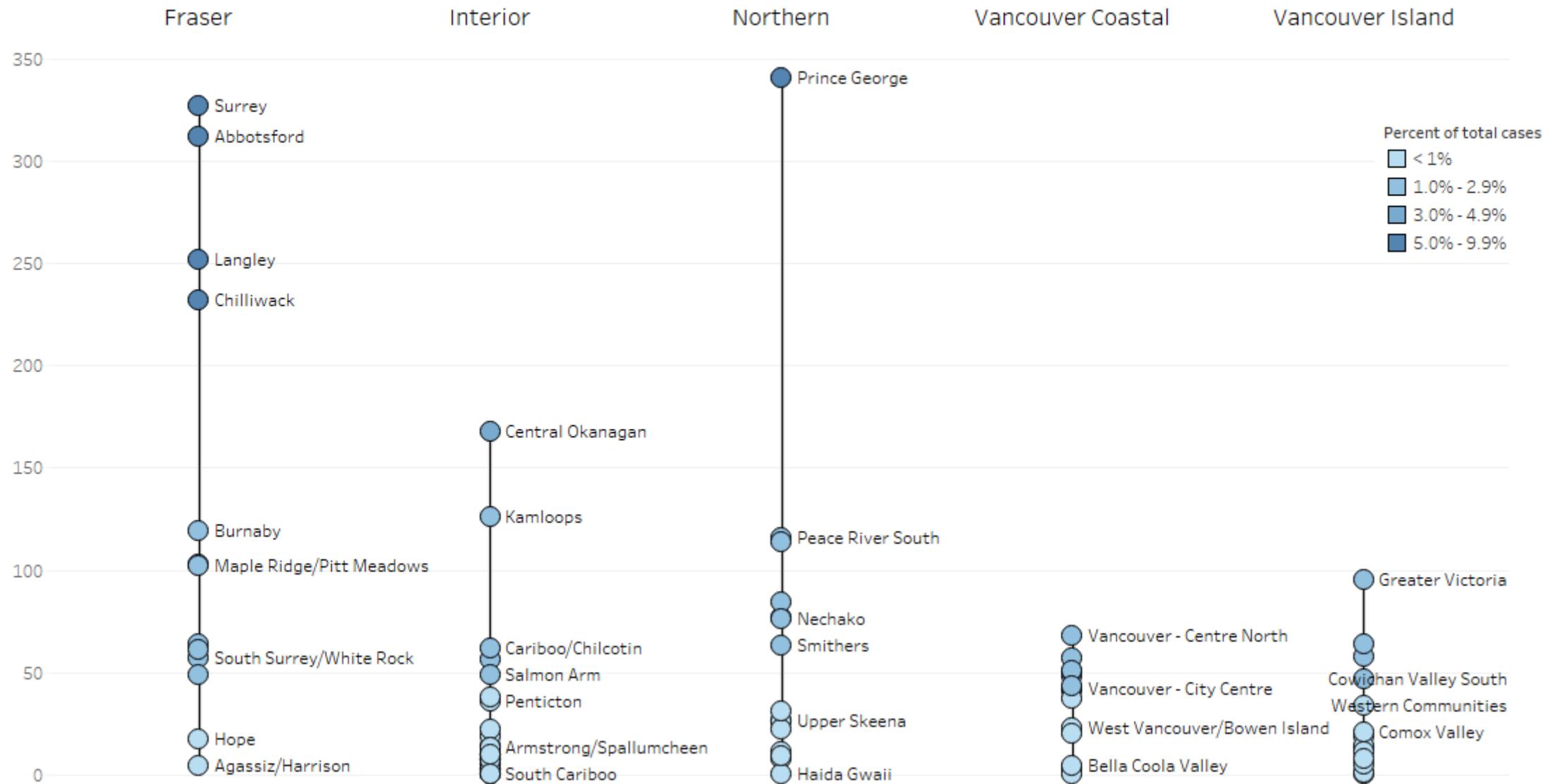
- 0.0
- 0.1 - 5.0
- 5.1 - 10.0
- 10.1 - 15.0
- 15.1 - 20.0
- > 20.0

Data source: Public Health Reporting Data Warehouse (PHRDW) integrated COVID dataset; we operate in a live database environment and case information is updated as it becomes available. Cases are mapped by location of residence; cases with unknown residence and from out of province are not mapped. Data are by date of first positive test, or date reported to public health for epi-linked cases. Population denominator from BC Stats PEOPLE estimates for 2021.

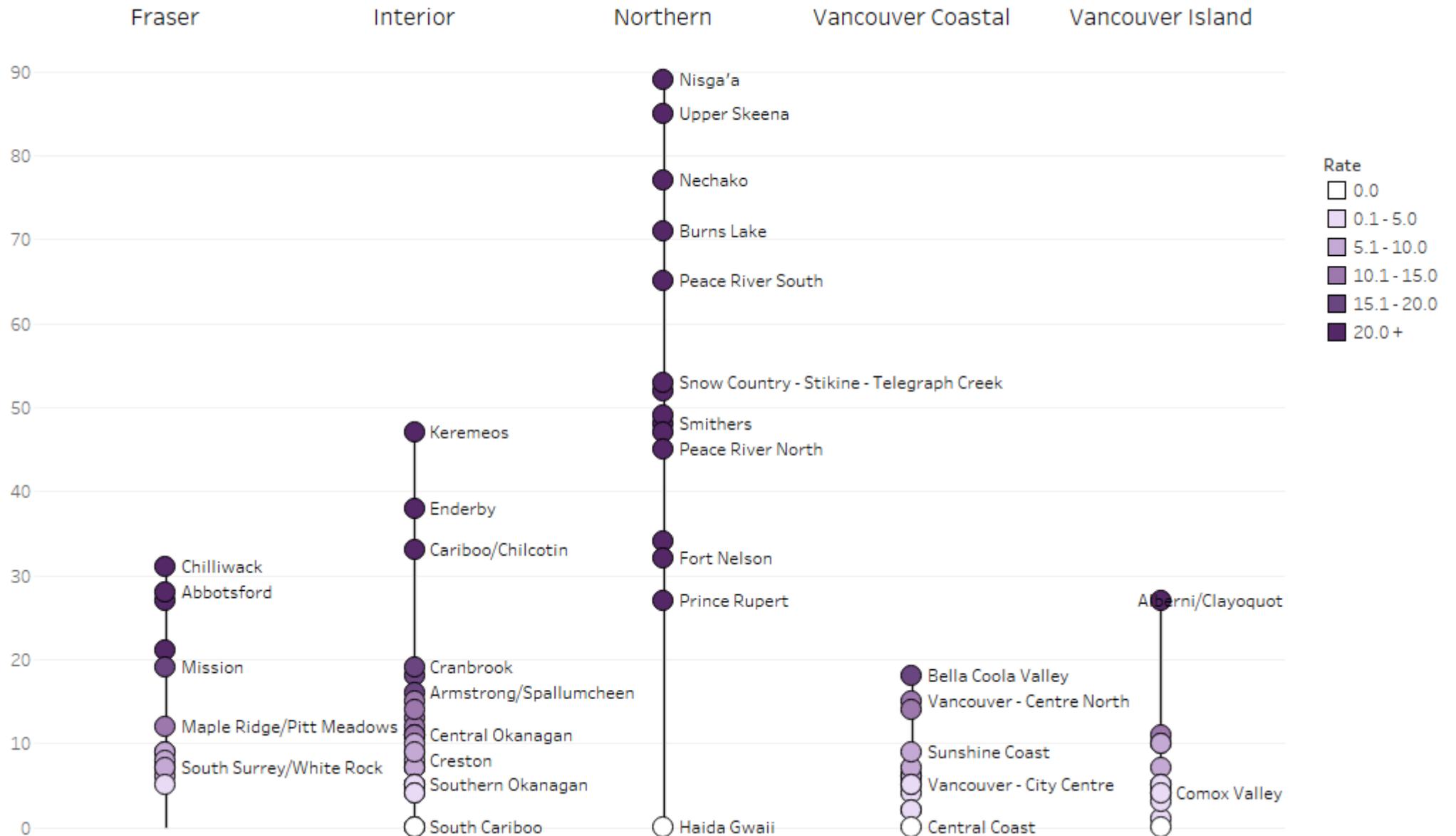


COVID-19 Recent 7-Day Case Incidence Rates by CHSA (October 13 to 19, 2021)

# Total cases by local health area, Oct 13 - Oct 19, 2021



# Average daily case rate of new cases per 100,000 population, by local health area, Oct 13 - Oct 19, 2021

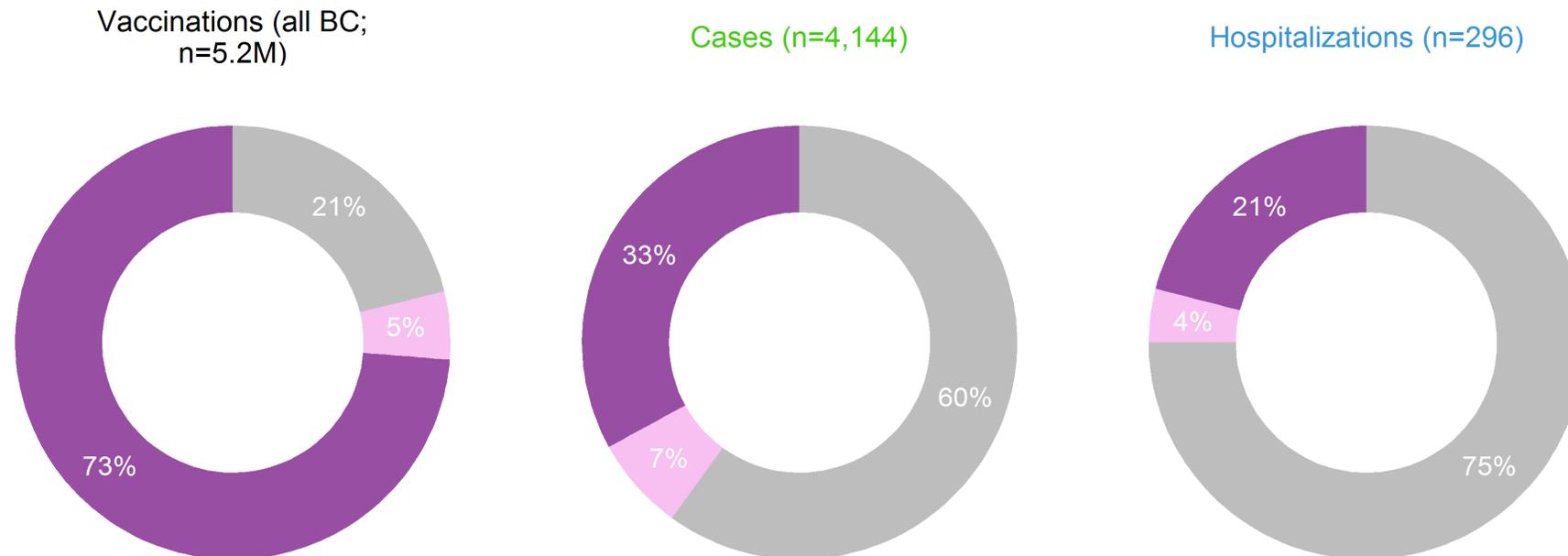


# Key messages – Outcomes by vaccine status

- Most of the recent cases and hospitalizations continue to be among unvaccinated individuals
- Based on data over the last 4 weeks, compared with fully vaccinated individuals and after adjusting for age differences, unvaccinated individuals are
  - $\approx 9x$  more likely to become a case
  - $\approx 43x$  more likely to be hospitalized
  - $\approx 36x$  more likely to die
  - NB: relative rates fluctuate over time and do not represent vaccine effectiveness
- Unvaccinated: no dose or not yet protected (<3 weeks since receipt of 1<sup>st</sup> dose; <10% of unvaccinated cases)
- Partially vaccinated = 1 dose:  $\geq 3$  weeks since receipt of 1<sup>st</sup> dose and <2 weeks after 2<sup>nd</sup> dose
- Fully vaccinated = 2 doses: 2 weeks or more after receipt of 2<sup>nd</sup> dose

# Over the past week, fully vaccinated individuals represented 73% of BC's total population, but accounted for only 33% of cases and 21% of hospitalizations.

These % fluctuate over time. There are many more vaccinated individuals than unvaccinated individuals, and thus it is important to take the denominator into account. These figures do not represent vaccine effectiveness.



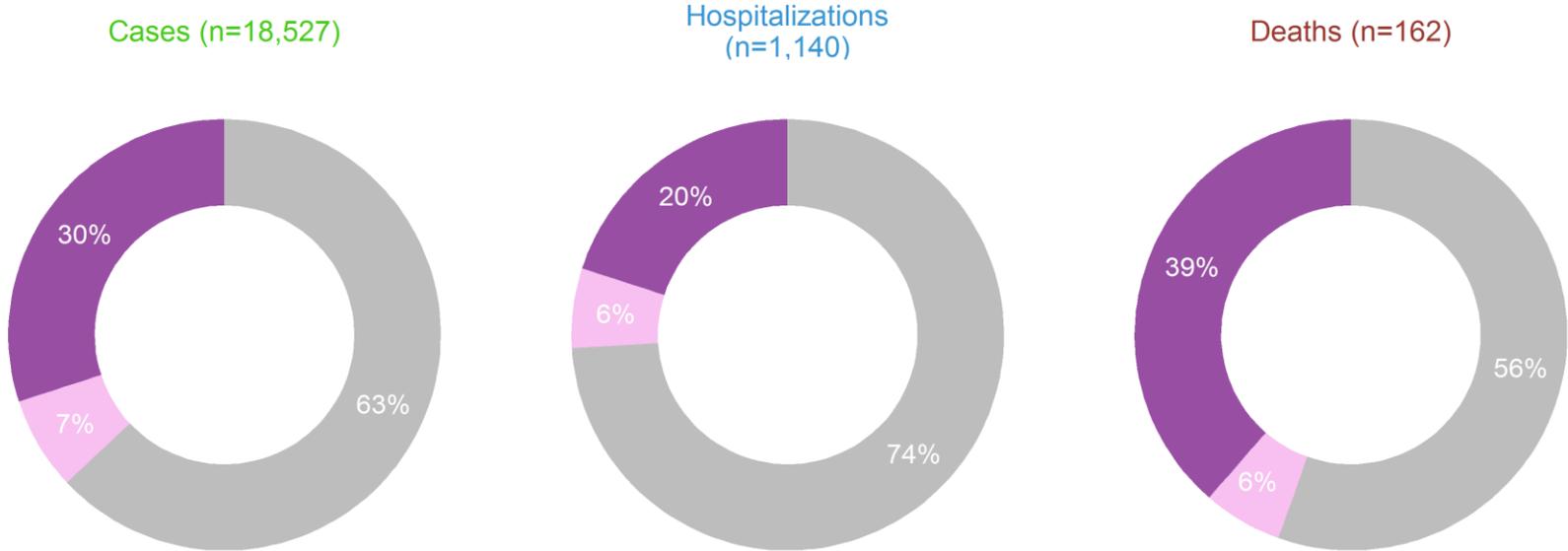
■ Unvaccinated ■ Vaccinated, 1 dose ■ Vaccinated, 2 doses

Data include cases from Oct 12-Oct 18, and hospitalizations from Oct 09-Oct 15, 2021

We operate in a live database environment and data get updated retrospectively. These figures were run on Thursday Oct 14 and may differ slightly from previously reported counts. Cases are captured based on surveillance date. Hospitalizations are by admission date. Please note that there is often a multiple-days lag in recording hospitalizations, e.g. some hospital admissions that occurred on Sept 24<sup>th</sup> may not be captured by our surveillance system until Sept 29<sup>th</sup>.

**Over the past month, fully vaccinated individuals accounted for 30% of cases and 20% of hospitalizations.**

These % are expected to increase over time as more people get fully vaccinated and there are fewer unvaccinated people. If 100% of population gets fully vaccinated (which is almost the case for many long term care residents for example), then any new cases, hospitalizations, or deaths will be among vaccinated people.



■ Unvaccinated ■ Vaccinated, 1 dose ■ Vaccinated, 2 doses

Data include cases from Sep 21-Oct 18, and hospitalizations from Sep 18-Oct 15, 2021

A large proportion of deaths is among older (80+) individuals, >90% of whom are fully vaccinated, which explains the higher relative % of deaths among the fully vaccinated.

We operate in a live database environment and data get updated retrospectively. These figures were run on Oct 14<sup>th</sup> and thus will differ slightly from previously reported counts. Cases are captured based on surveillance date. Hospitalizations are by admission date. Deaths are by date of death. Please note that there is often a multiple-days lag in recording hospitalizations and deaths, e.g. some hospital admissions that occurred on Sept 24<sup>th</sup> may not be captured in our surveillance system until Sept 29<sup>th</sup>.

# COVID-19 health outcomes by vaccination status and age, BC, Sep 21 – Oct 18, 2021

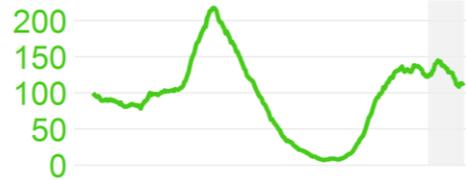
Trend in % total population vaccinated with at least 1 dose



Vaccinations (all BC; n=5.2M)



Trend in daily cases per 1M



Cases (n=18,527)



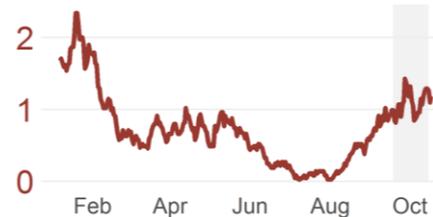
Trend in daily hospitalizations per 1M



Hospitalizations (n=1,140)



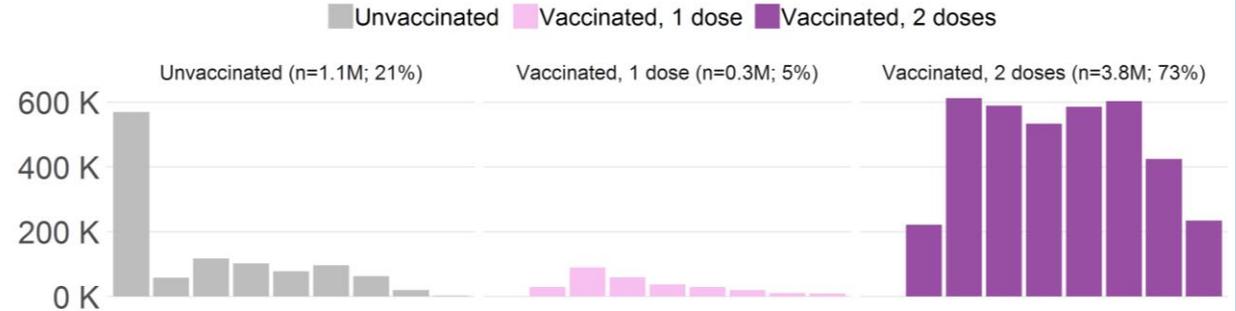
Trend in daily deaths per 1M



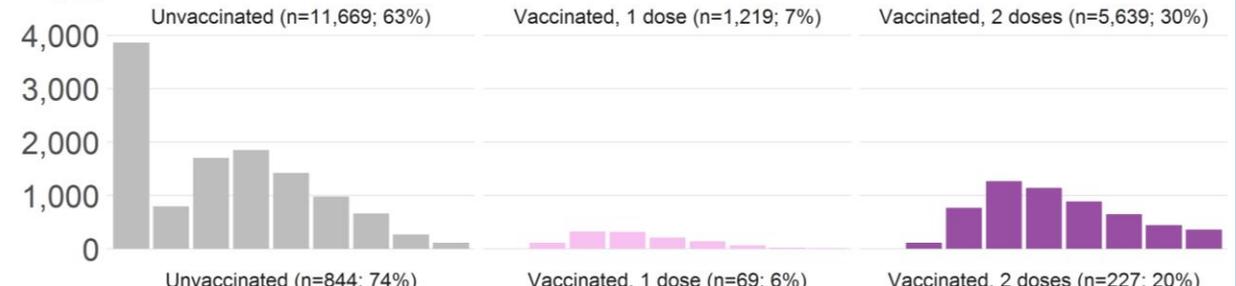
Deaths (n=162)



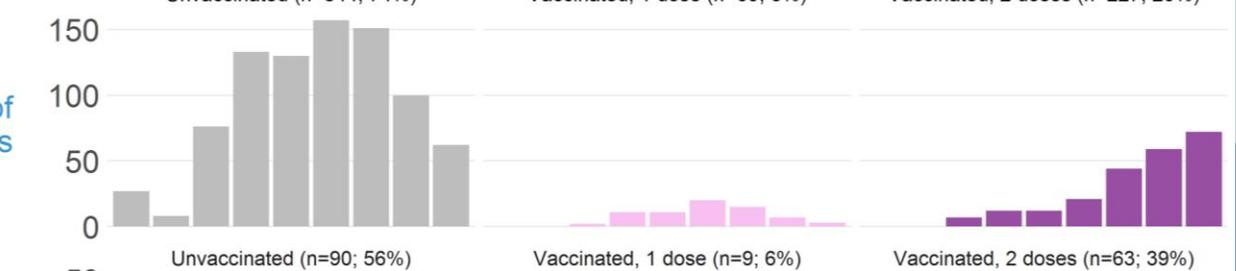
Number of people



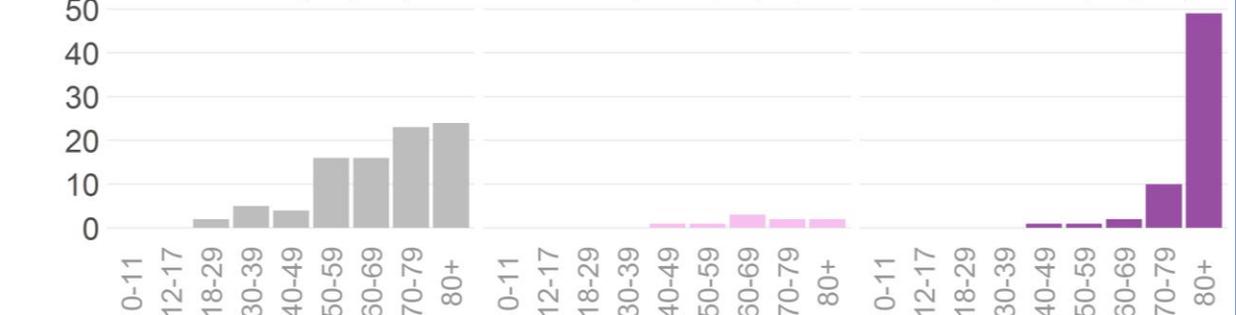
Number of cases



Number of hospitalizations



Number of deaths

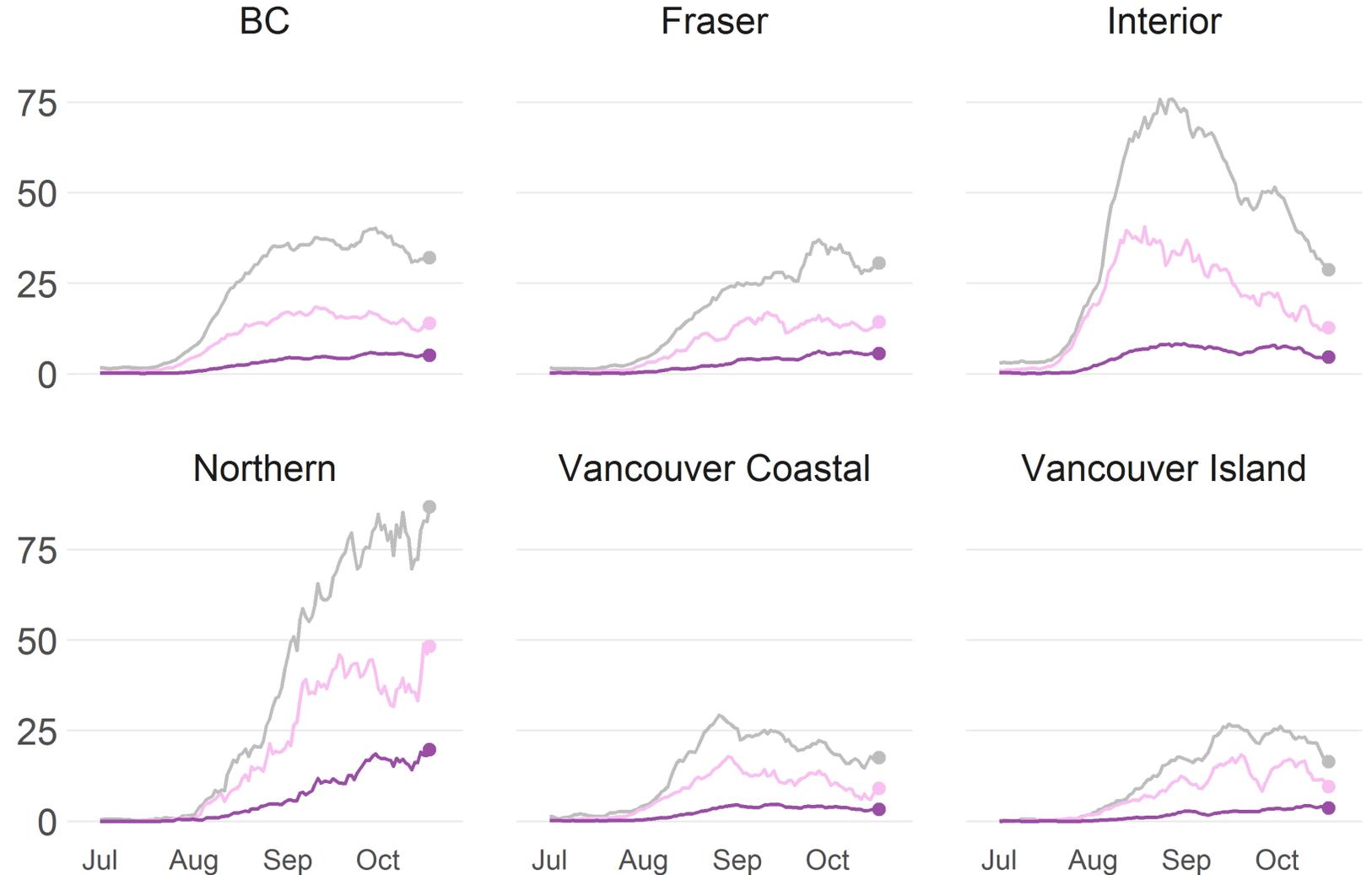


\*Figures include cases from Sep 21-Oct 18, and hospitalizations and deaths from Sep 18-Oct 15, 2021

# COVID-19 case rate by vaccination status and Health Authority, July 1 – Oct 19, 2021

● Unvaccinated\* ● Vaccinated, 1 dose ● Vaccinated, 2 doses

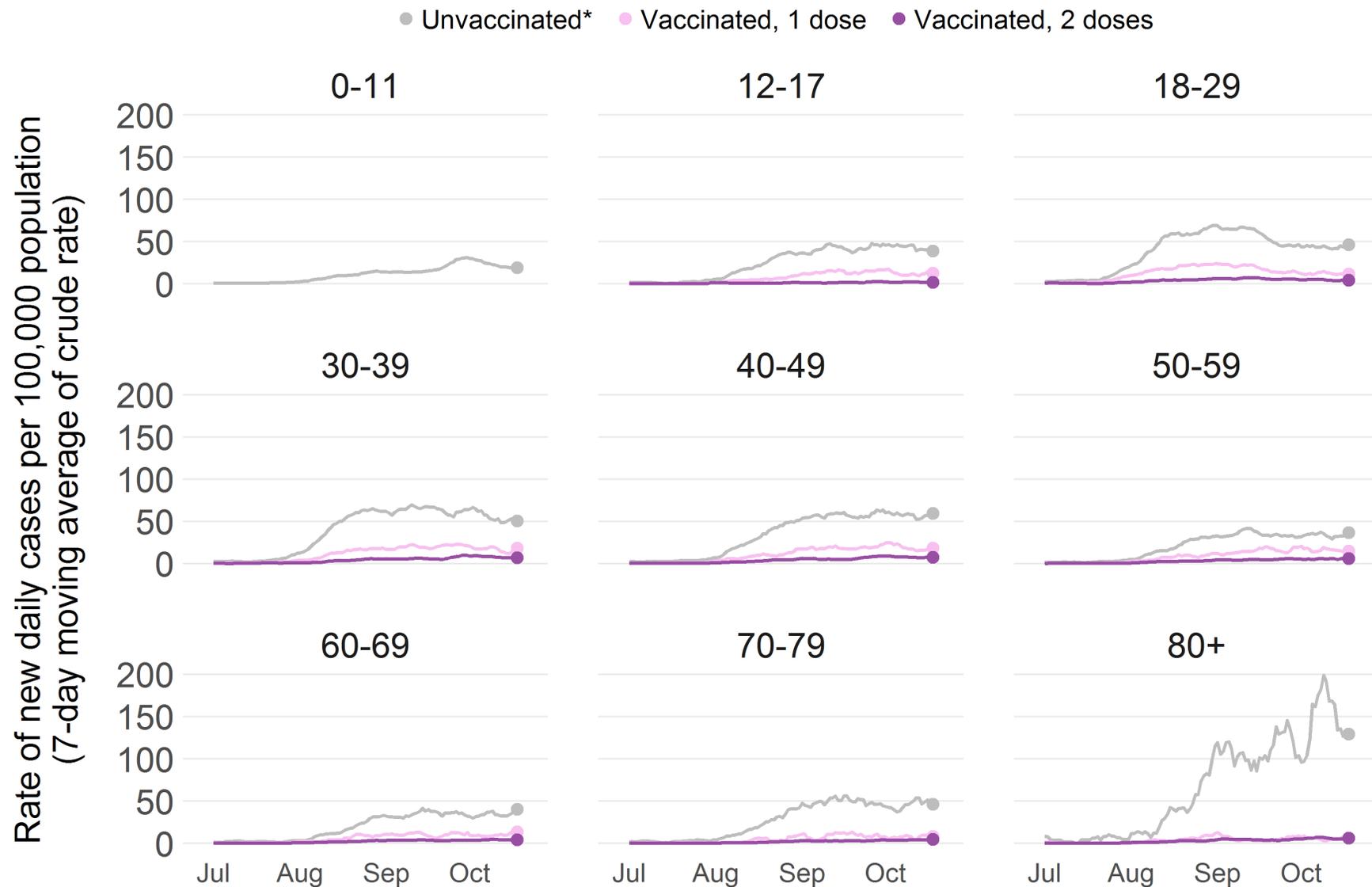
Rate of new daily cases per 100,000 population (7-day moving average of crude rate)



*Denominators for each vaccine status group are dynamic and change daily as people flow from being unvaccinated to protected by 1 dose to protected by 2 doses. Therefore, the denominators are different across groups and over time.*

\*Unvaccinated includes cases who have received 1 dose but not yet protected (episode date <21 days after 1st dose administration date); These represent 7% of the total unvaccinated cases since 1 July 2021. Data extracted from health authority case line list on 19 Oct 2021

# COVID-19 case rate by vaccination status and age, July 1 – Oct 19, 2021

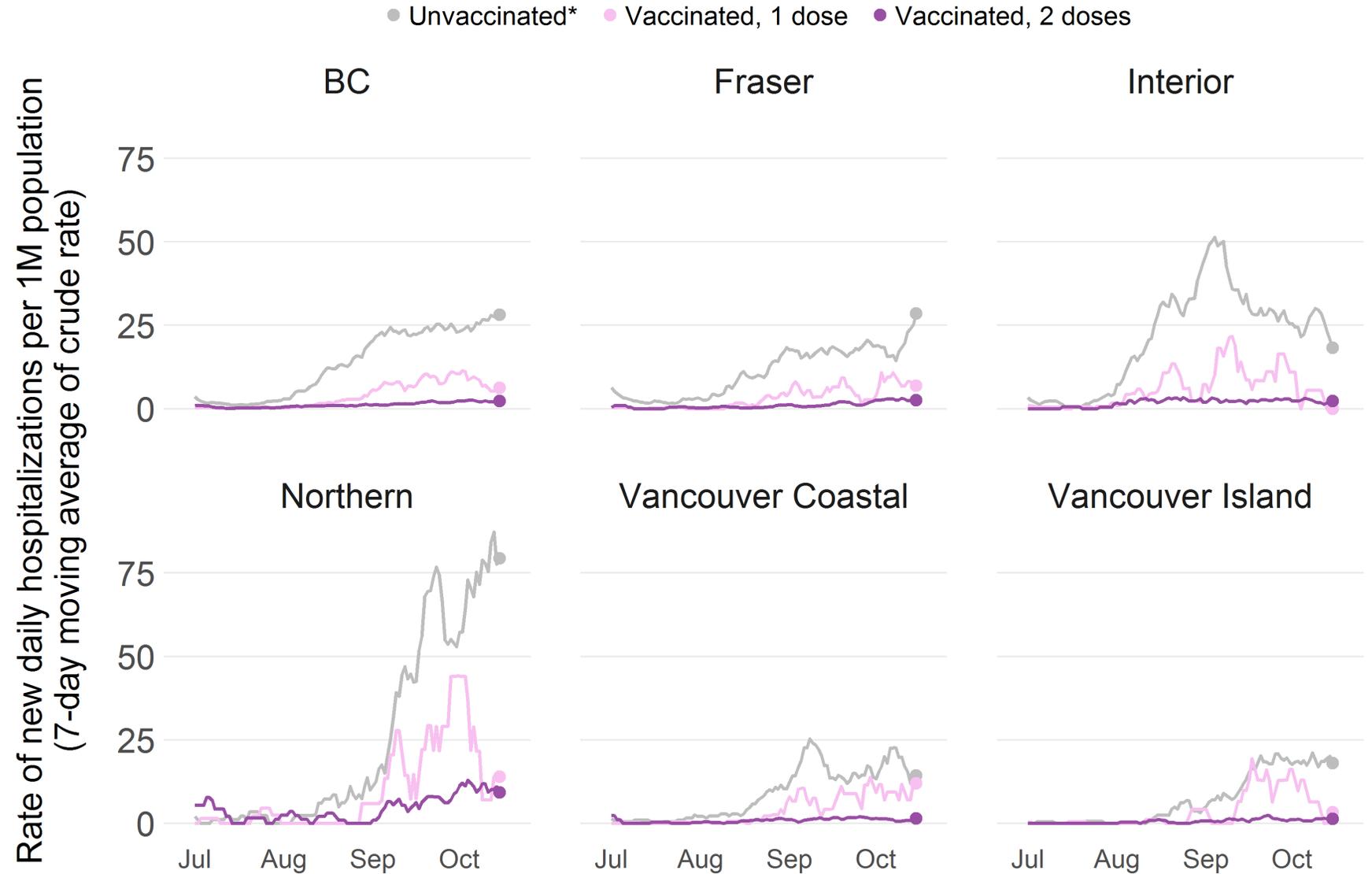


Denominators for each vaccine status group are dynamic and change daily as people flow from being unvaccinated to protected by 1 dose to protected by 2 doses. Therefore, the denominators are different across groups and over time.

\*Unvaccinated includes cases who have received 1 dose but not yet protected (episode date <21 days after 1st dose administration date); These represent 7% of the total unvaccinated cases since 1 July 2021. Data extracted from health authority case line list on 19 Oct 2021

# COVID-19 hospitalization rate by vaccination status, July 1 – Oct 15, 2021

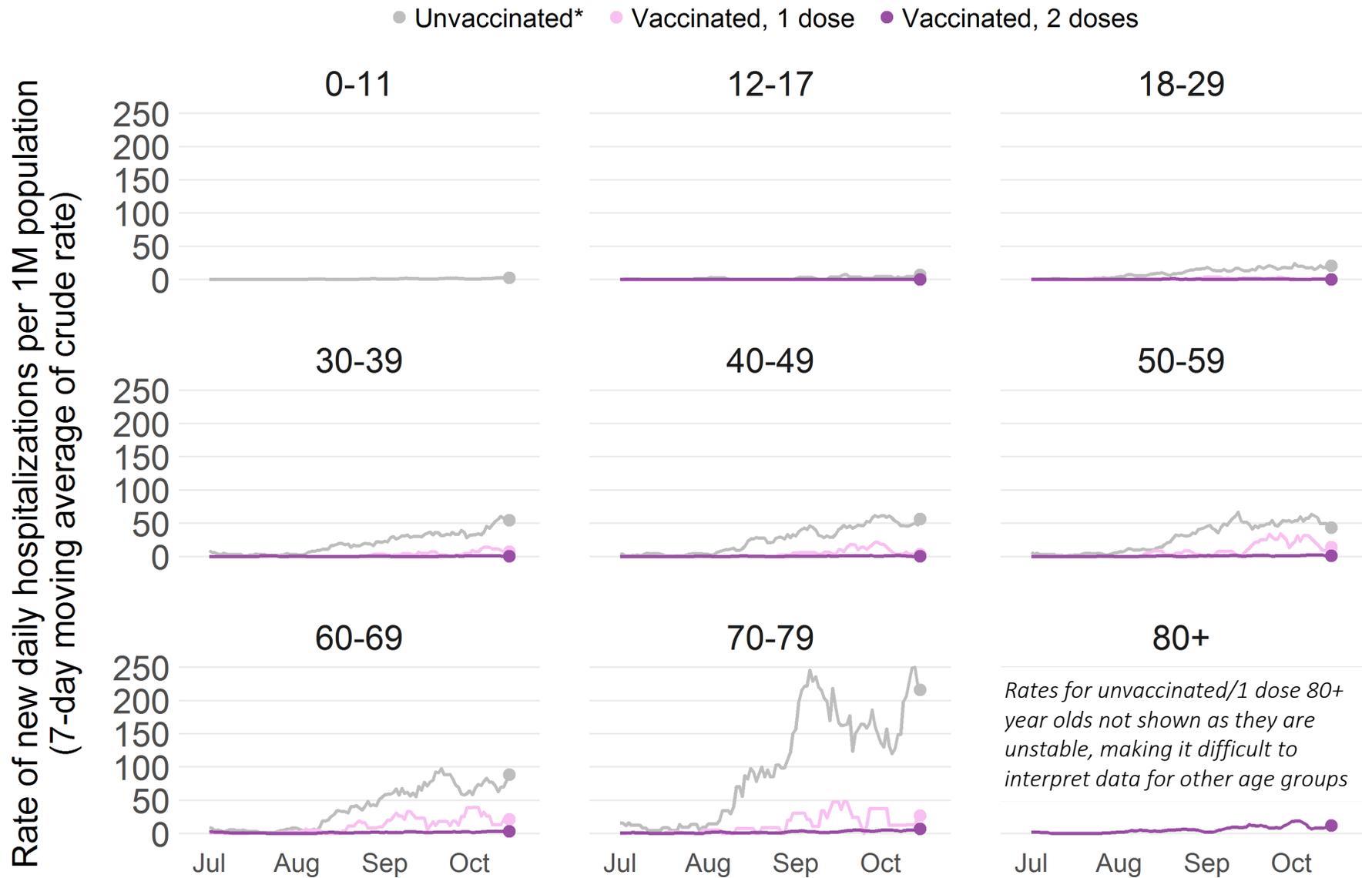
Data by hospital admission date. Denominators for each vaccine status group are dynamic and change daily as people flow from being unvaccinated to protected by 1 dose to protected by 2 doses. Therefore, the denominators are different across groups and over time.



\*Unvaccinated includes cases who have received 1 dose but not yet protected (episode date <21 days after 1st dose administration date); These represent 5% of hospitalized unvaccinated cases since 1 July 2021. Data extracted from health authority case line list and up to 15 Oct 2021

# COVID-19

## hospitalization rate by vaccination status and age, July 1 – Oct 15, 2021



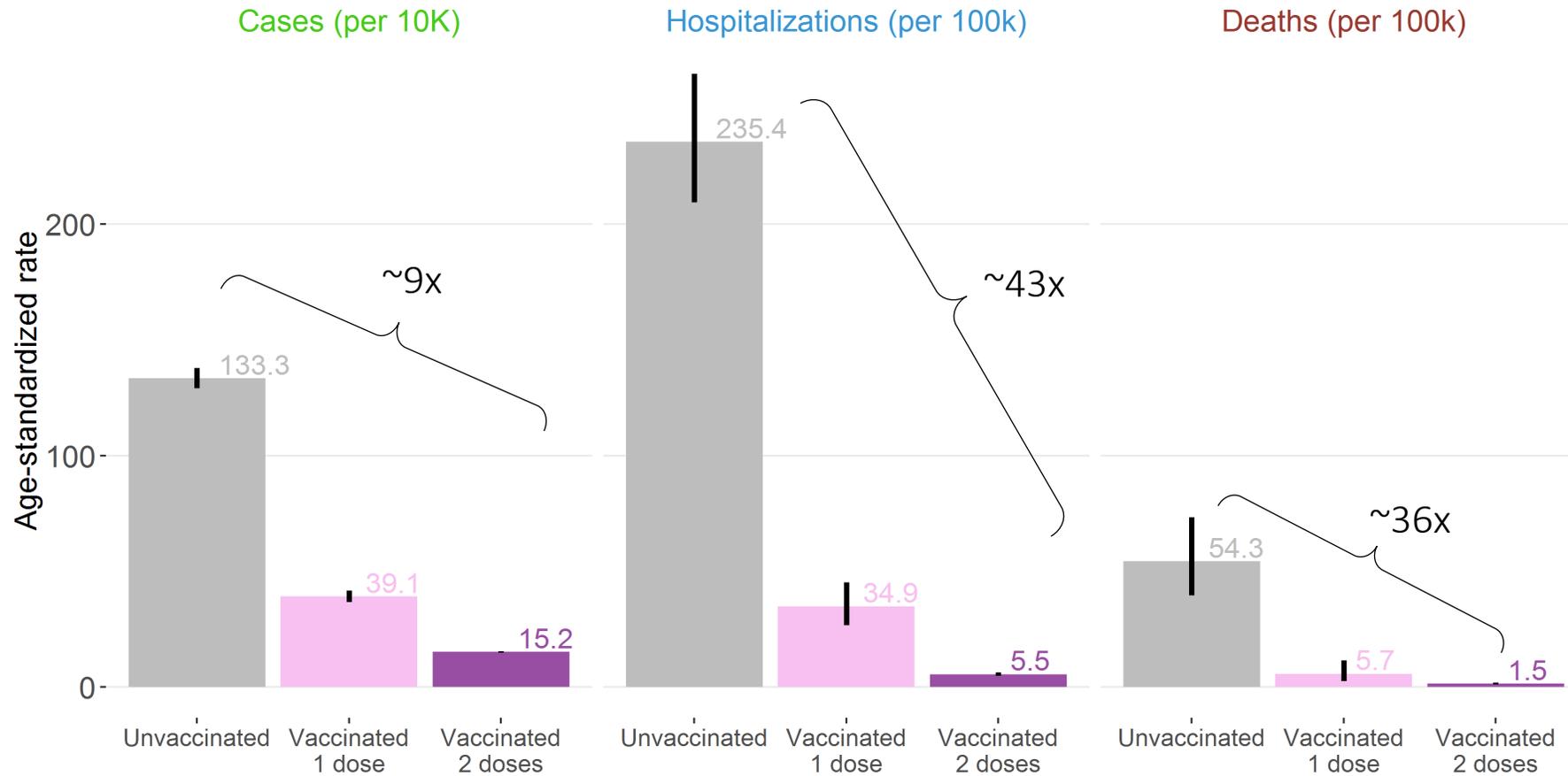
Denominators for each vaccine status group are dynamic and change daily as people flow from being unvaccinated to protected by 1 dose to protected by 2 doses. Therefore, the denominators are different across groups and over time.

Rates for unvaccinated/1 dose 80+ year olds not shown as they are unstable, making it difficult to interpret data for other age groups

\*Unvaccinated includes cases who have received 1 dose but not yet protected (episode date <21 days after 1st dose administration date); These represent 5% of hospitalized unvaccinated cases since 1 July 2021. Data extracted from health authority case line list and up to 15 Oct 2021

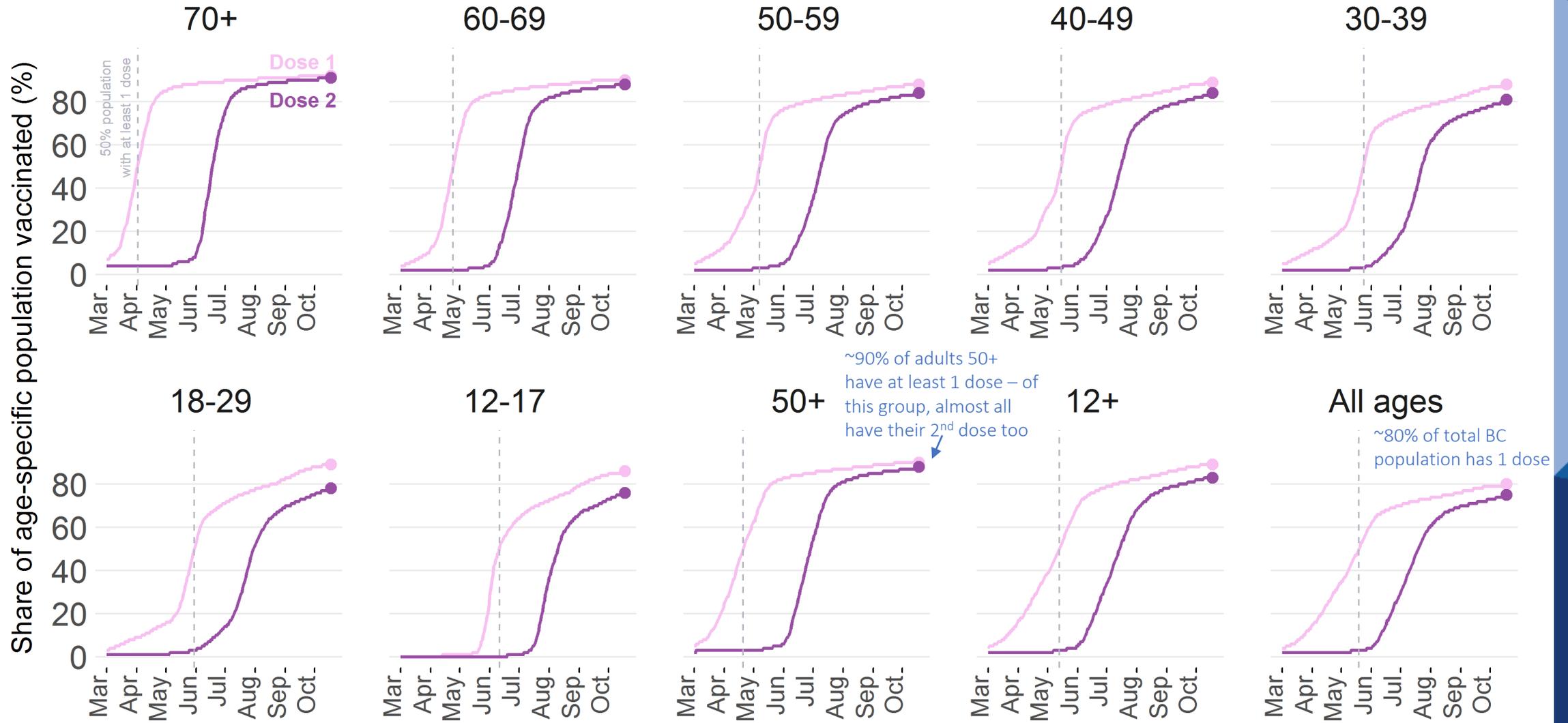
# After adjusting for age, unvaccinated individuals continue to be at a significantly higher risk of infection, hospitalization, and death from COVID-19 compared with fully vaccinated

Relative rate fluctuates over time. These figures do not represent vaccine effectiveness.



Data include cases from Sep 21-Oct 18, and hospitalizations and deaths from Sep 18-Oct 15, 2021

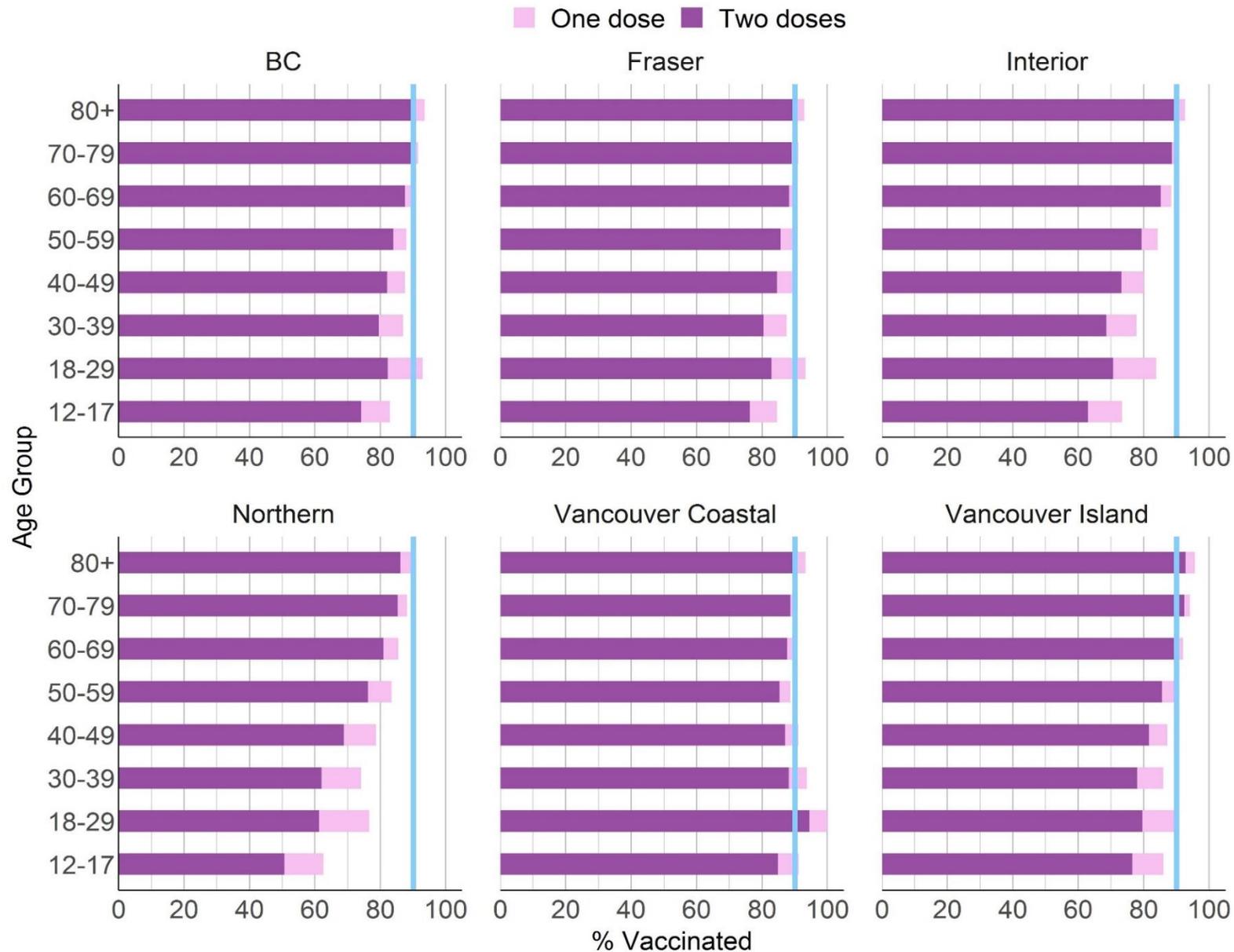
# Vaccination progress in BC over time by age group and dose number up to Oct. 19, 2021



Data updated 2021-10-19  
Data Source: Provincial Immunization Registry, PHSA

# Vaccination progress in BC and by Health Authority as of Oct 19, by age group and dose number (%)

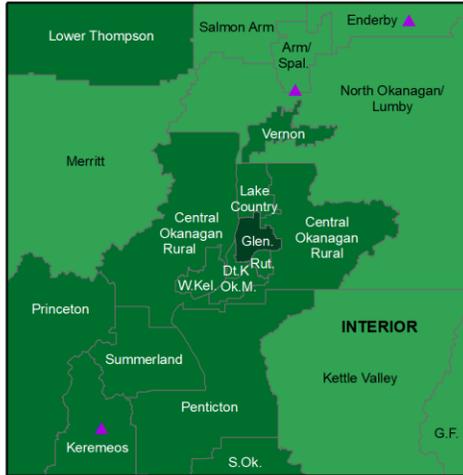
Denominator for this graph is Client Roster maintained by the BC Ministry of Health. Client Roster population data are sourced from a list of all residents registered with Medical Services Plan as of March 12, 2021. Since this date, people may have moved, permanently or temporarily, and have been vaccinated or reported their vaccination status. As a result, there are areas in BC where there will be more people vaccinated than there were living in that area in March 2021. The Client Roster likely underrepresents new arrivals into a region such as young adults relocating to attend post-secondary institutes and workers at major construction project areas. An alternative denominator would be based on projections derived from Census 2016, which is also not representative of the current BC population. There is no perfect denominator.



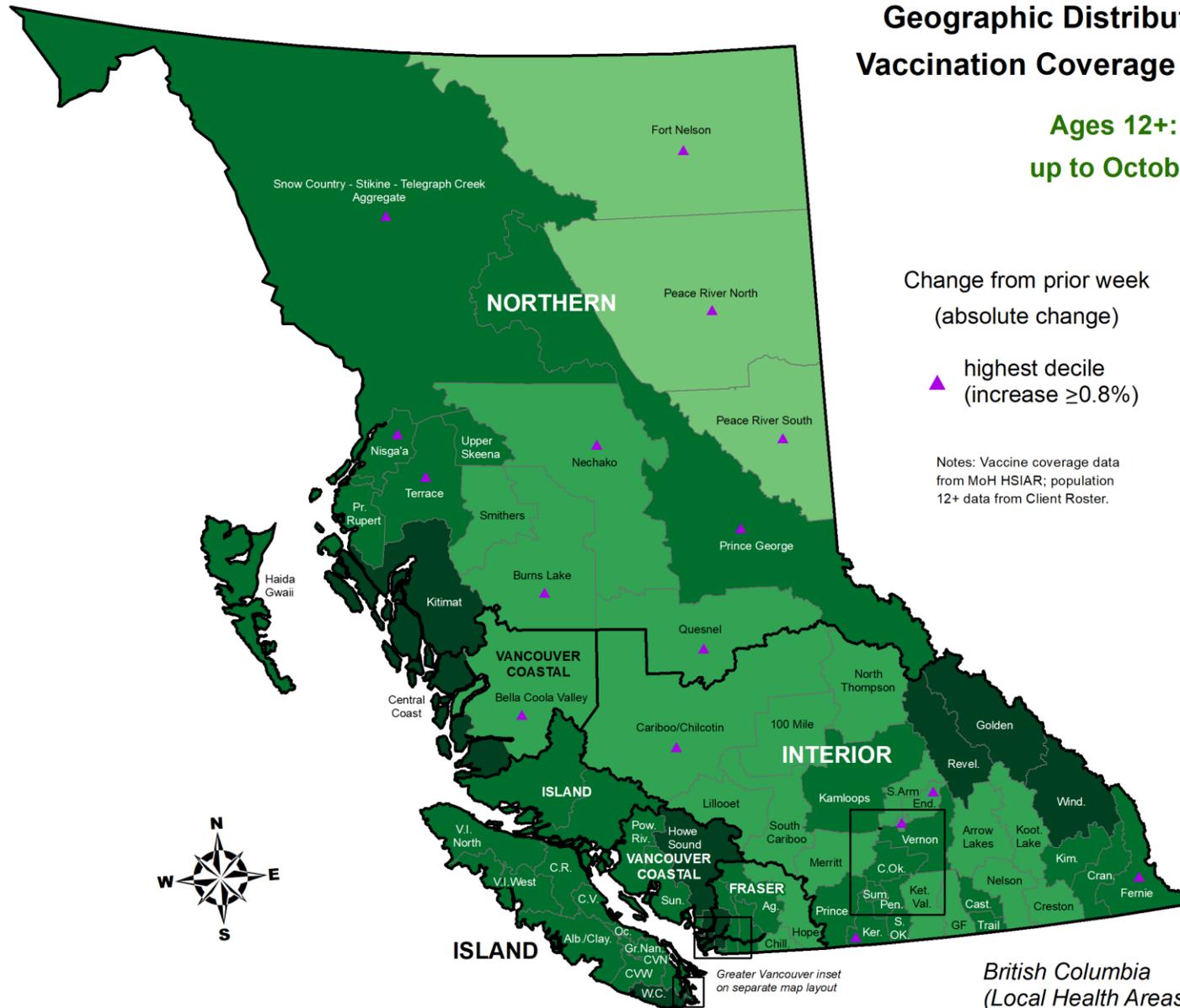
Blue line is for visual reference only

Data updated 2021-10-19  
Data Source: Ministry of Health

Okanagan Inset  
(Community Health Service Areas)



Greater Victoria Inset  
(Community Health Service Areas)



## Geographic Distribution of COVID-19 Vaccination Coverage by LHA and CHSA

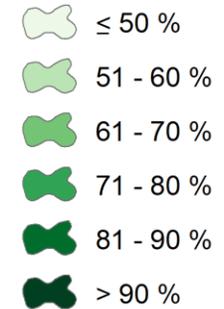
**Ages 12+: 1st Dose  
up to October 18, 2021**

Change from prior week  
(absolute change)

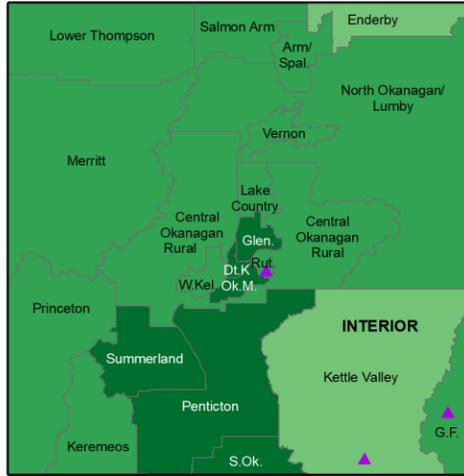
▲ highest decile  
(increase  $\geq 0.8\%$ )

Notes: Vaccine coverage data  
from MoH HSIAR; population  
12+ data from Client Roster.

Vaccination coverage  
rate (%) of persons 12+



Okanagan Inset  
(Community Health Service Areas)



Greater Victoria Inset  
(Community Health Service Areas)



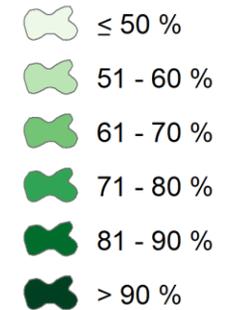
## Geographic Distribution of COVID-19 Vaccination Coverage by LHA and CHSA

**Ages 12+: 2nd Dose  
up to October 18, 2021**

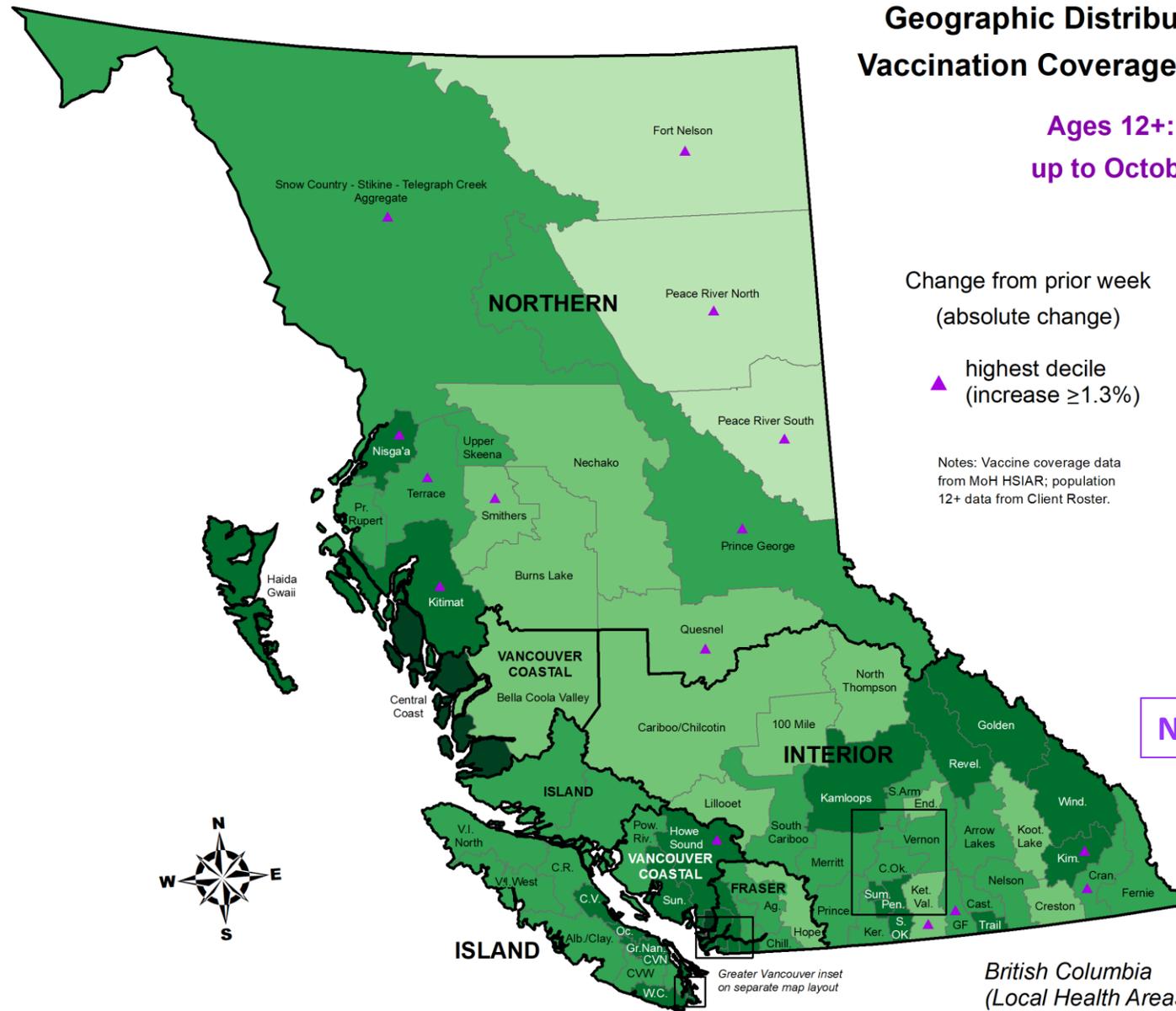
Change from prior week  
(absolute change)

▲ highest decile  
(increase  $\geq 1.3\%$ )

Vaccination coverage  
rate (%) of persons 12+

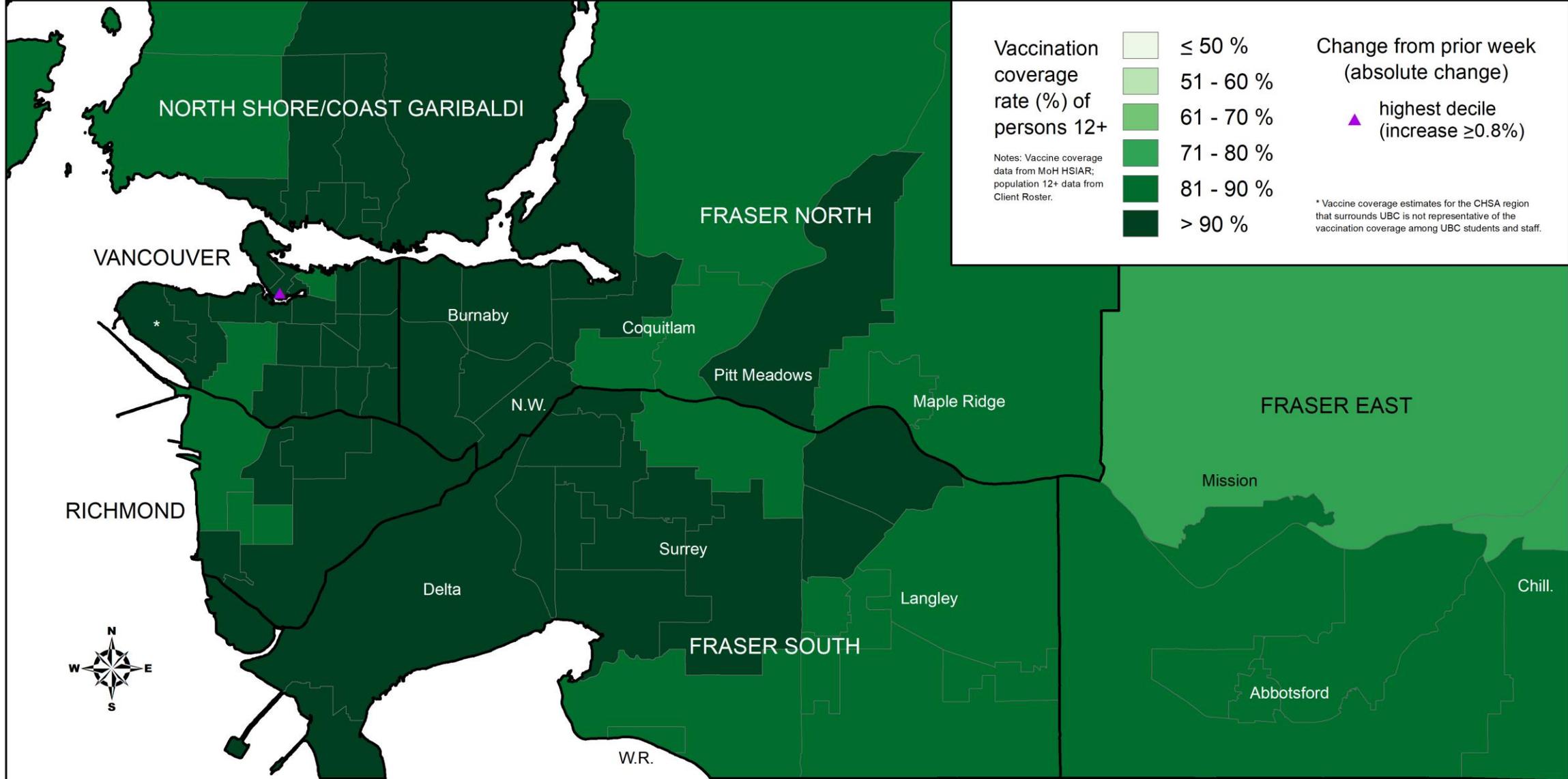


Notes: Vaccine coverage data from MoH HSIAR; population 12+ data from Client Roster.

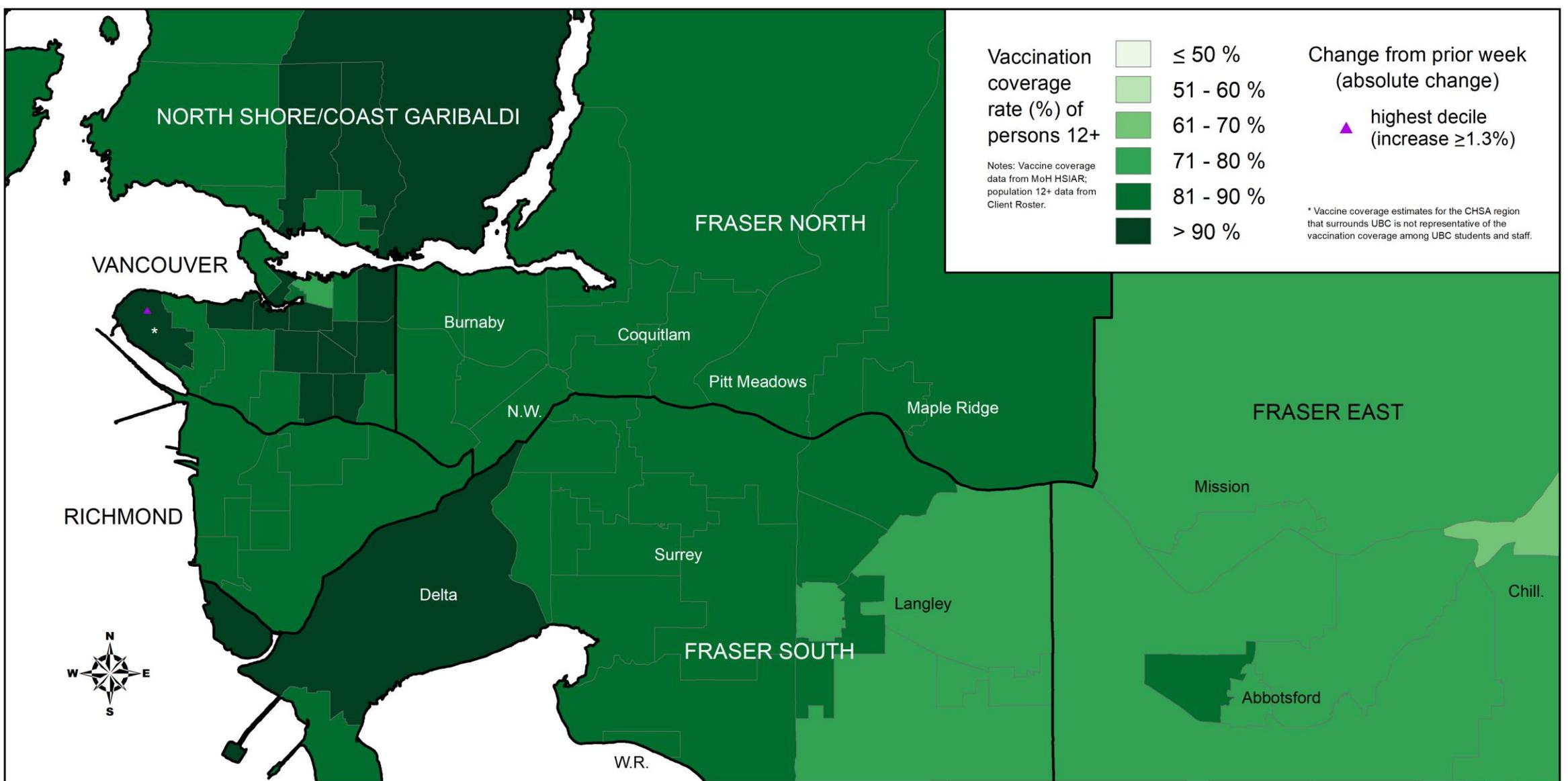


**NEW 2<sup>nd</sup> dose map**

British Columbia  
(Local Health Areas)



COVID-19 Vaccination Coverage by CHSA: Ages 12+ 1st Dose (up to October 18, 2021)



COVID-19 Vaccination Coverage by CHSA: Ages 12+ 2nd Dose (up to October 18, 2021)

# Lab - Key Messages

- **Test positivity** among publicly funded tests was stable this week (current ~6%)
  - Test positivity varies by HA, ranging from 4% in VCH to 22% in NH.
  - Test positivity is high in Fraser East and most HSDAs in NH and IH
- Publicly funded **testing** decreased 15% this week (~67K total public tests)
  - Testing rates elevated but decreasing in children (<19 years) and adults (30-44 years)
- The provincial weekly median **turnaround time** (time from specimen collection to lab result) remains low at 17 hours, indicating good testing capacity; 3 in 4 tests took  $\leq 25$  hours to result.
- **Delta** is the most prevalent COVID-19 variant in BC representing ~100% of all sequenced specimens in most recent week.
- Wastewater samples can act as a population-level sentinel surveillance tool
  - Viral signals in Metro Vancouver wastewater plants have plateaued or are declining slowing, consistent with case-counts in these regions

## Weekly Summary of ALL lab tests performed

4,094,889	total specimens tested
92,908	new this epi week
208,330	total positive specimens
4,178	new positive this epi week
19 hr	mean turnaround time (TAT)
17 [11-25]	Median [Q1 – Q3] TAT

↓ 9% relative to last week

↓ 4.5% positivity  
↓ 0.2% absolute change from last week

↓ 8% TAT relative to last week

## Weekly Summary of Lab tests paid Publicly

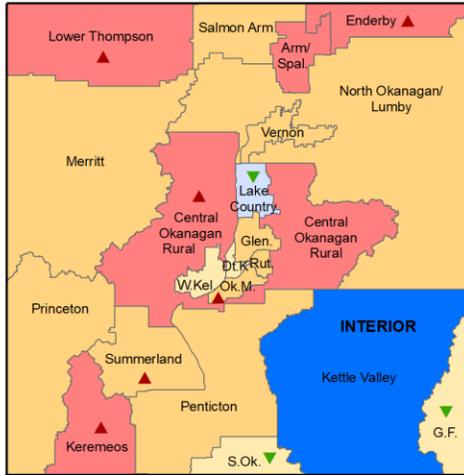
3,095,754	total specimens tested
66,956	new this epi week
205,734	total positive specimens
4,120	new positive this epi week

↓ 15% relative to last week

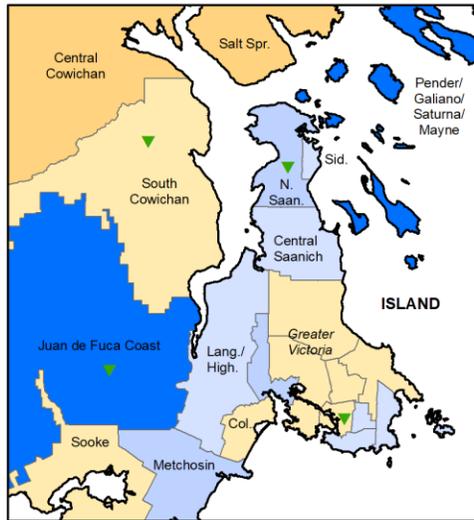
↑ 6.2% positivity  
↑ 0.2% absolute change from last week

36

Okanagan Inset  
(Community Health Service Areas)

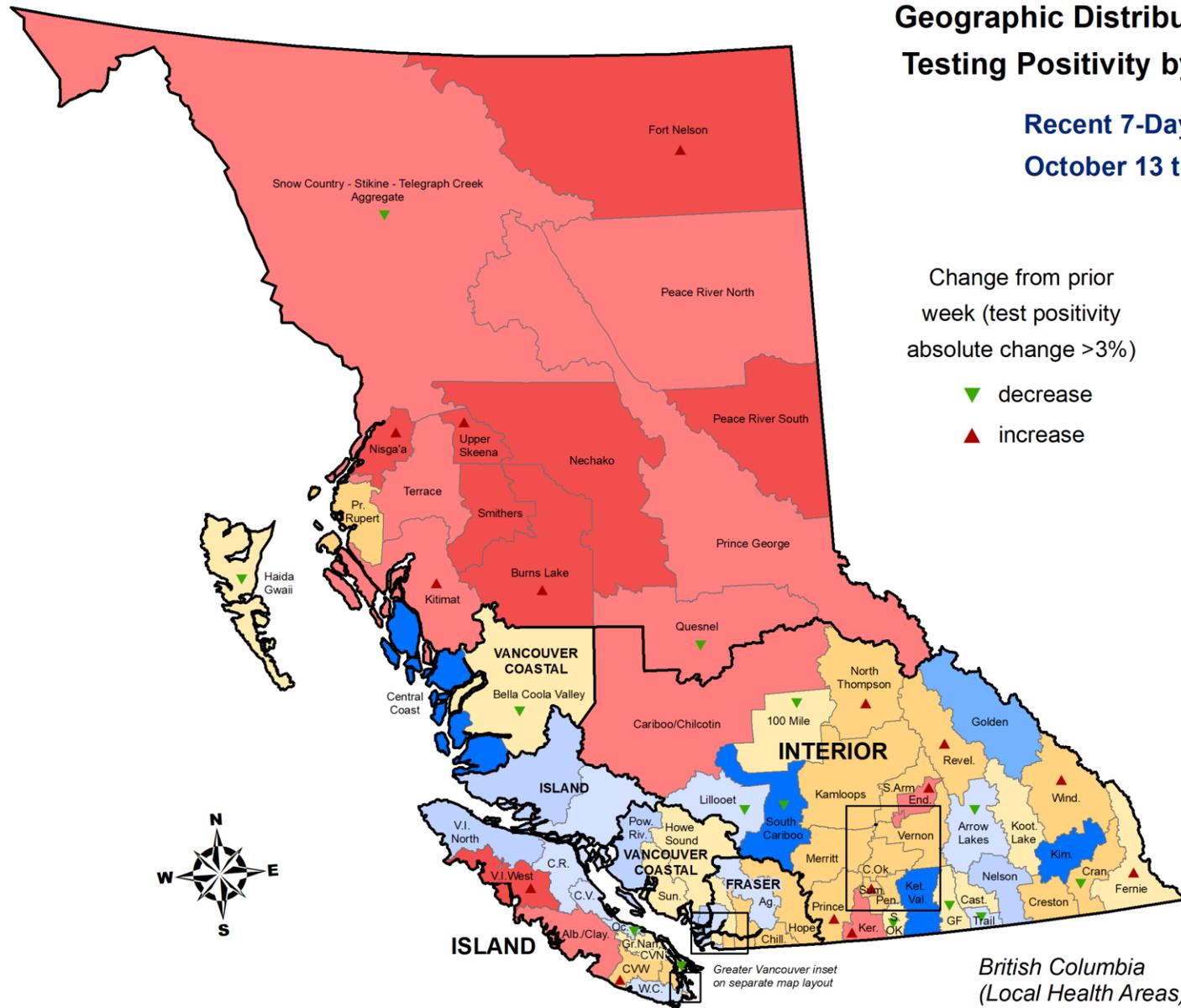


Greater Victoria Inset  
(Community Health Service Areas)



# Geographic Distribution of COVID-19 Testing Positivity by LHA and CHSA

Recent 7-Days Testing  
October 13 to 19, 2021



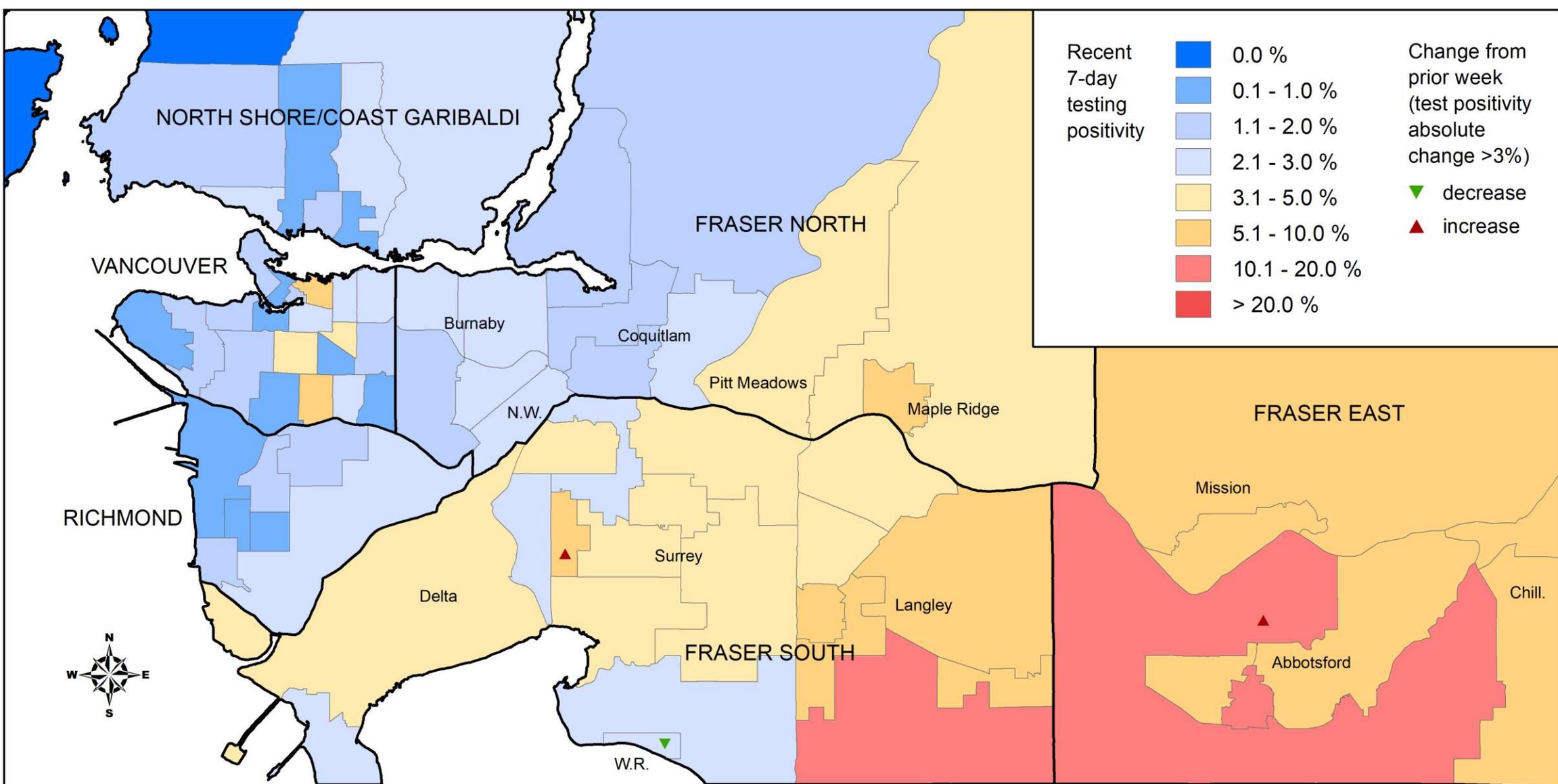
Change from prior week (test positivity absolute change >3%)

- ▼ decrease
- ▲ increase

Test positivity rate

- 0.0 %
- 0.1 - 1.0 %
- 1.1 - 2.0 %
- 2.1 - 3.0 %
- 3.1 - 5.0 %
- 5.1 - 10.0 %
- 10.1 - 20.0 %
- > 20.0 %

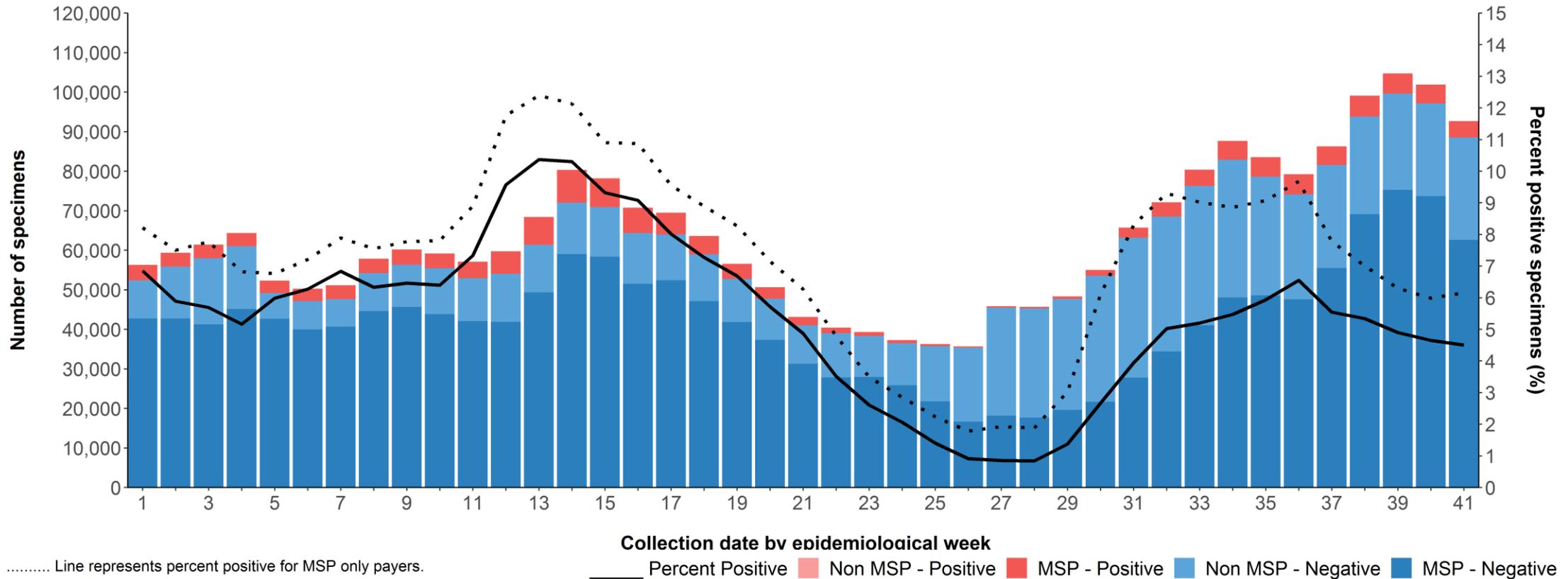
Data source: BCCDC Public Health Laboratory PLOVER system (all tests performed). Data are by testing result date, and location of client's residence or if missing, physician's address.



COVID-19 Recent 7-Day Test Positivity by CHSA (October 13 to 19, 2021)

Includes all tests

Among publicly funded specimens, percent positivity is stable (~6%), and testing rates have decreased 15% in the last week.

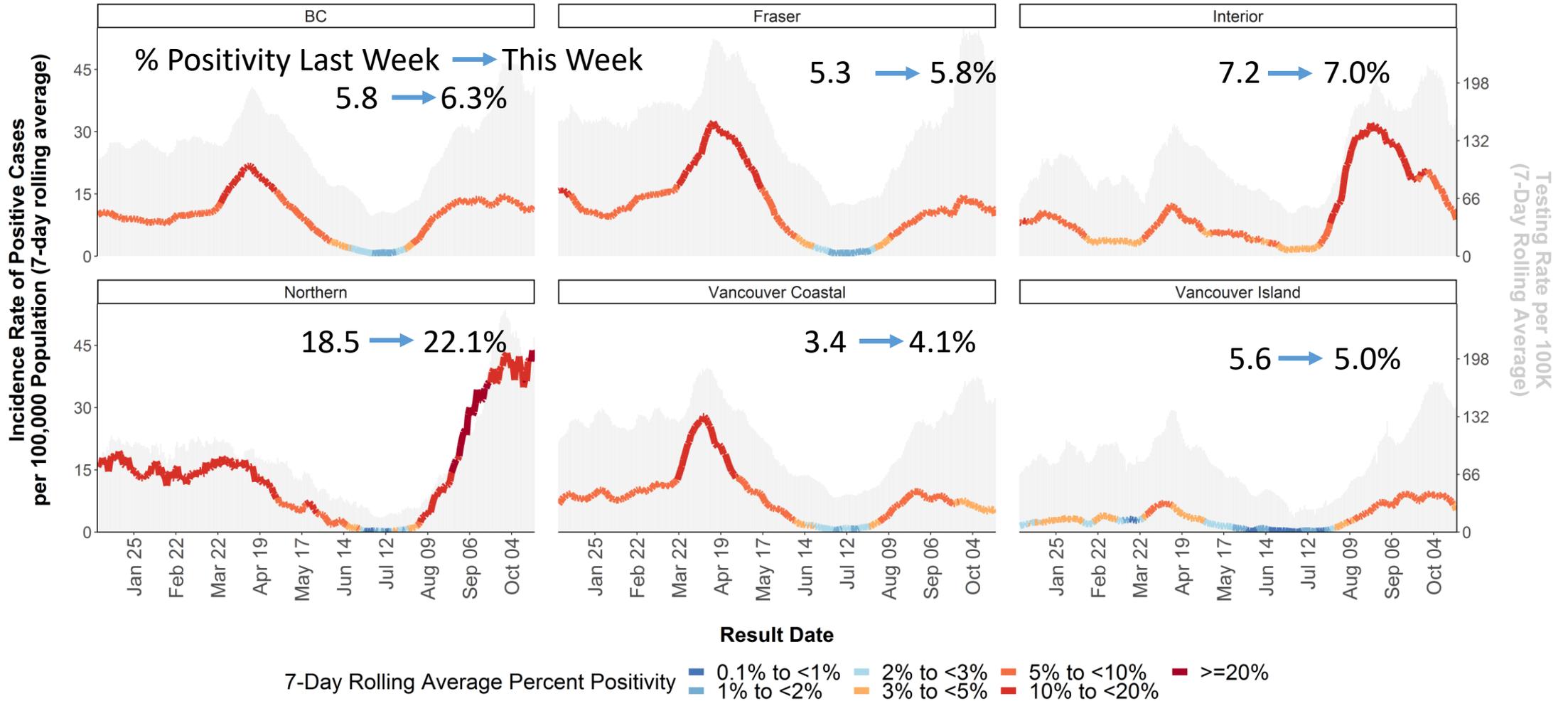


Note: Invalid (n = 1609) and indeterminate (n = 6455) results have been excluded

Data source: PLOVER 20-Oct-2021

Percent positivity is stable provincially, but elevated and increasing in NH.  
 Testing rates are elevated and declining across the province (highest in Fraser Health and Northern Health)

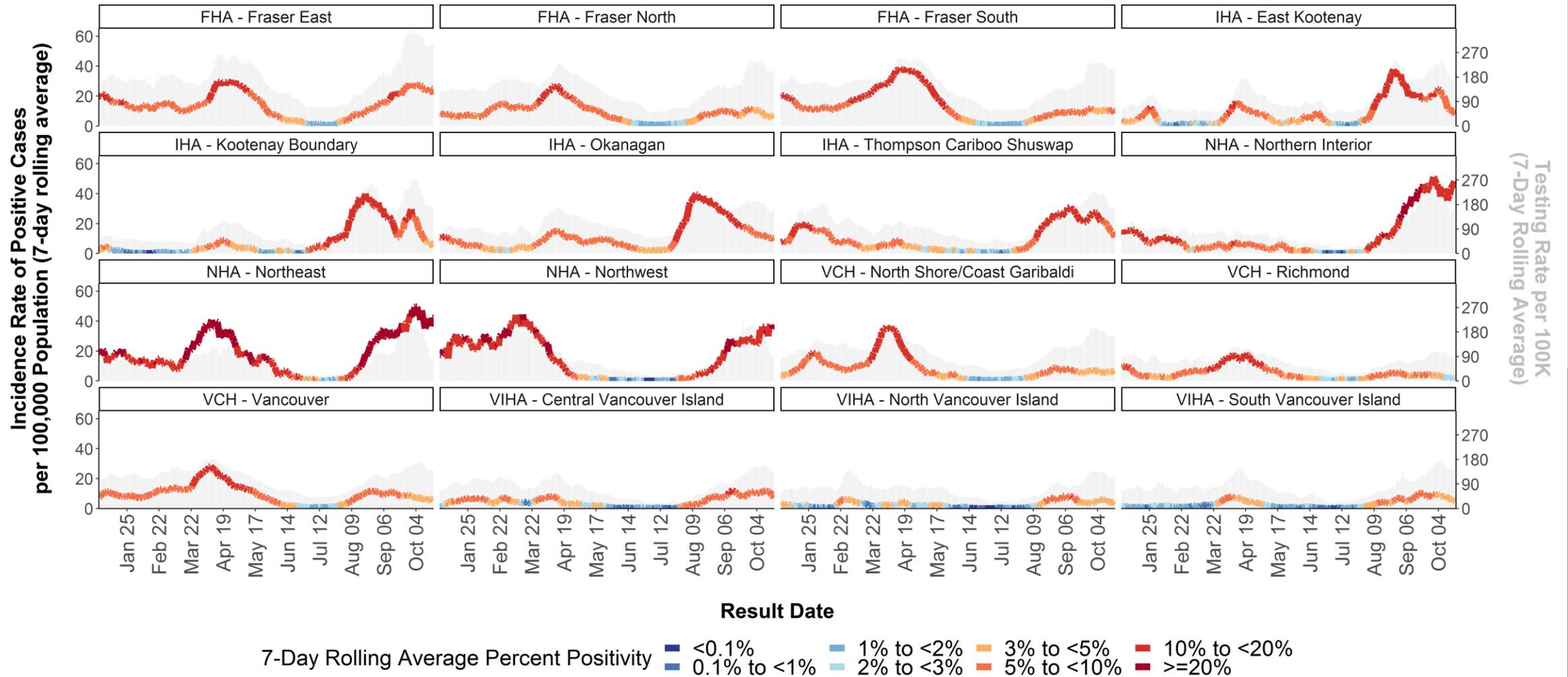
Case incidence rate, test percent positivity, and testing rate (Public Payers Only). Jan 1 2020 - Oct 19, 2021.



Data source: PLOVER 19-Oct-2021

# Test positivity and incidence are elevated in NH; incidence remains high in Fraser East.

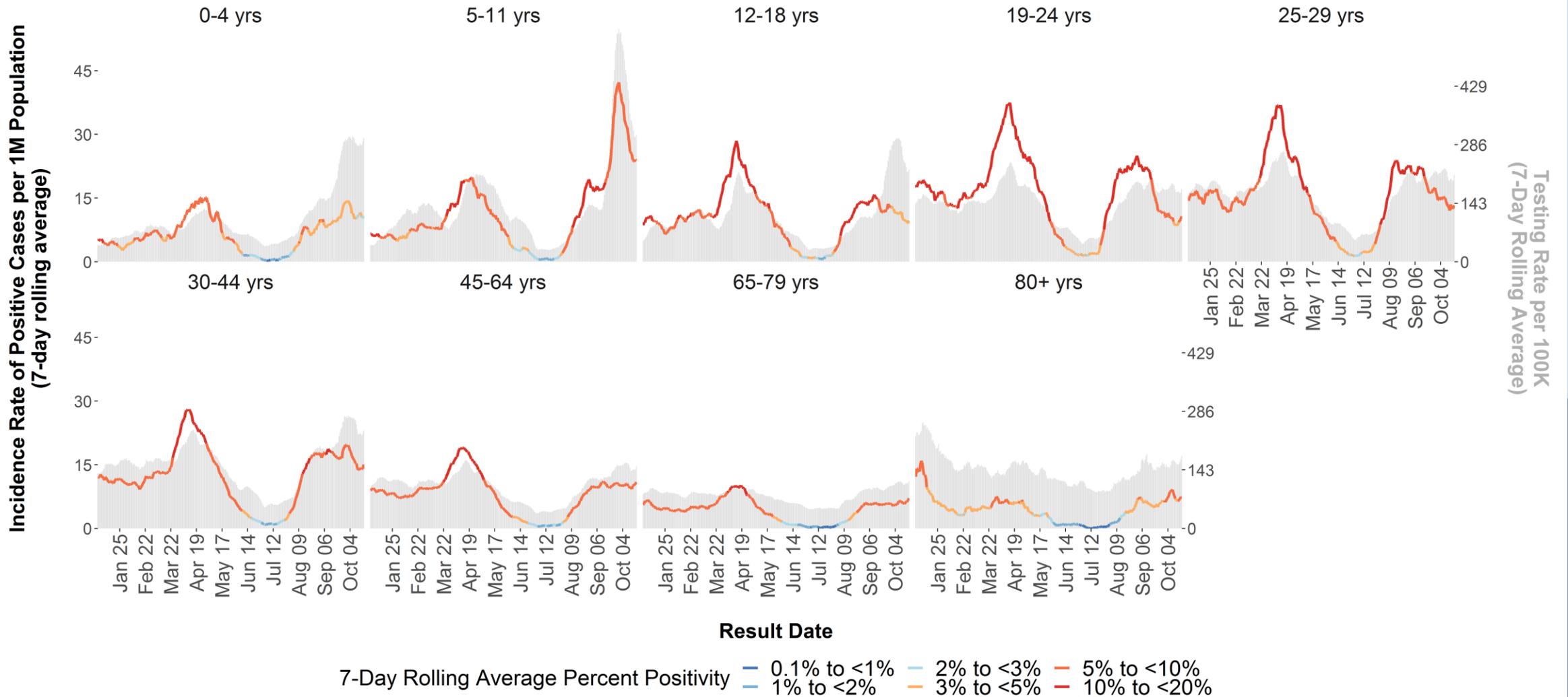
Case incidence rate, test percent positivity, and testing rate by HSDA (Public Payers Only).  
Jan 1 2021 - Oct 19, 2021.



Data source: PLOVER 19-Oct-2021

# Testing rates elevated but decreasing for individuals <19 years, and individuals 30-44 years.

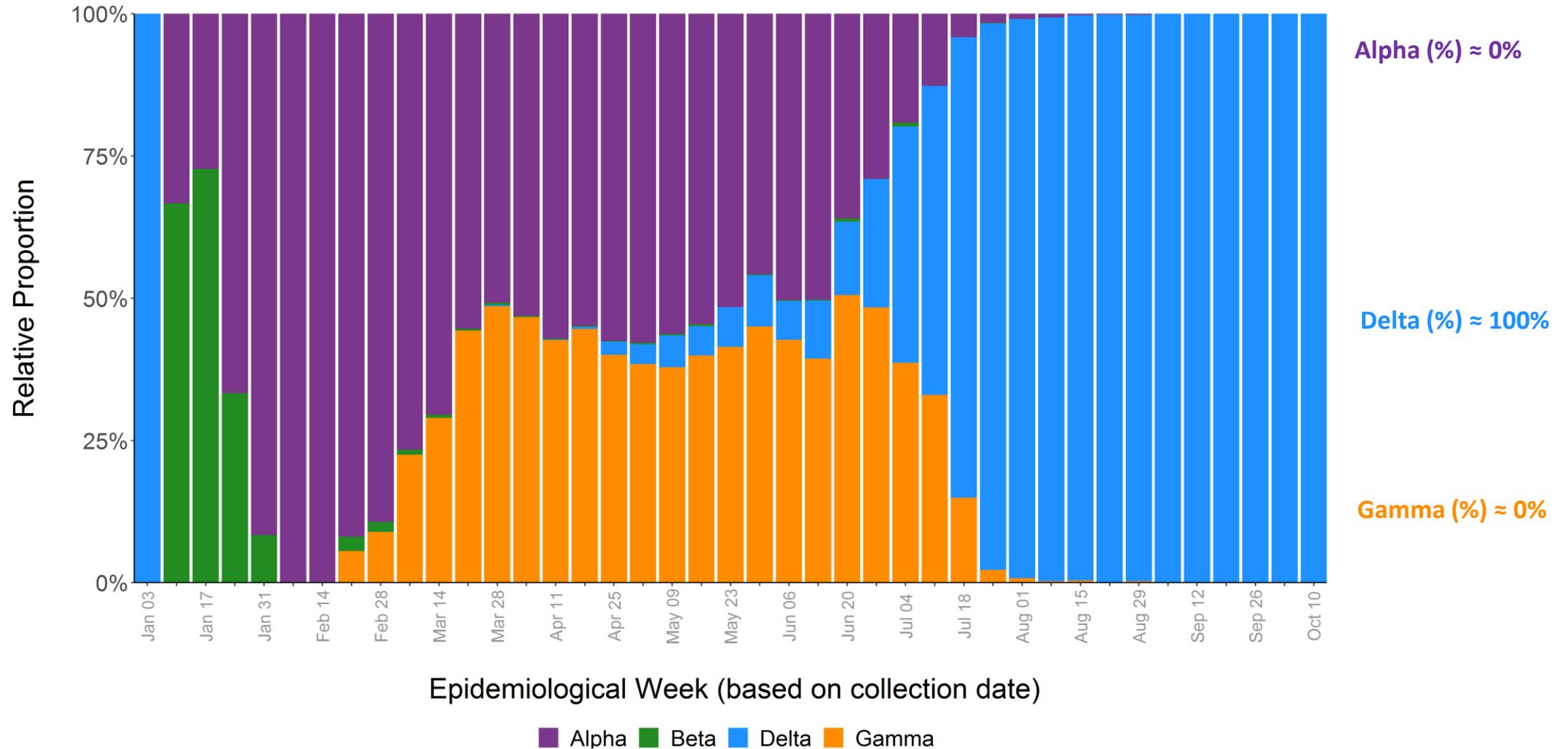
Case incidence rate, test percent positivity, and testing rate by age (Public Payers Only). Jan 1 2020 - Oct 19, 2021.



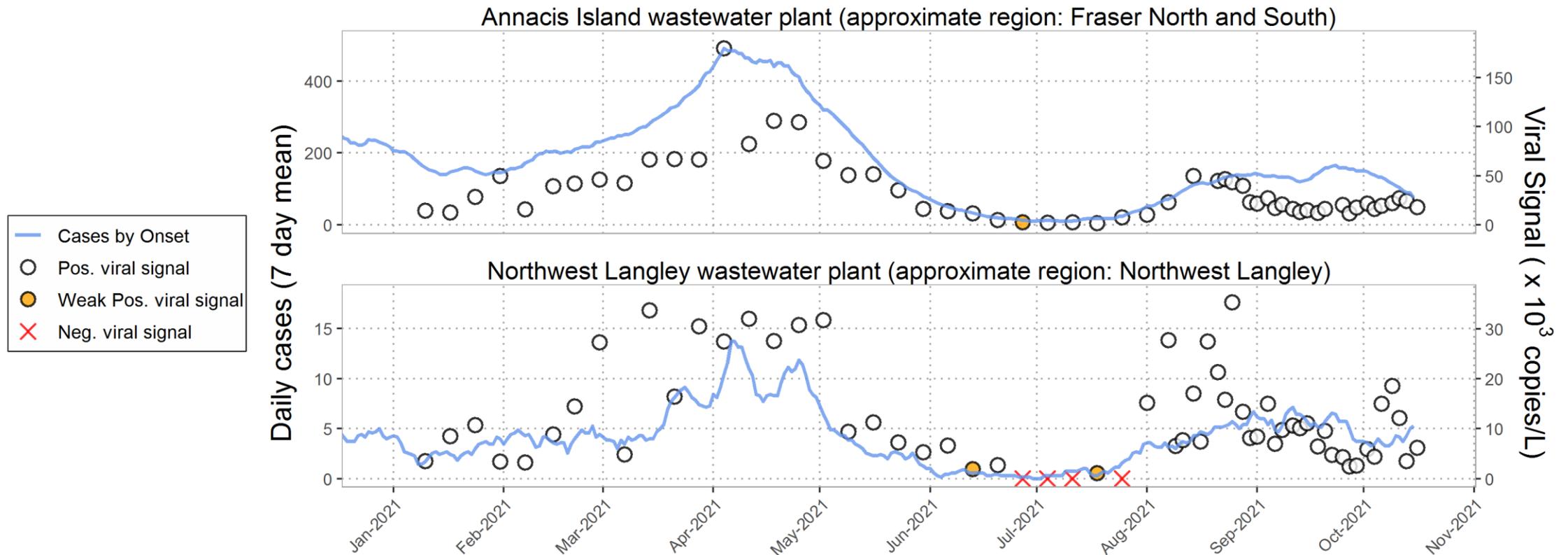
Data source: PLOVER 19-Oct-2021

# Among sequenced VOC samples provincially based on information for Oct 10 to 16, the dominant VOC continues to be Delta ~100%

Relative Proportion of VoCs in BC by Epiweek of Collection Date



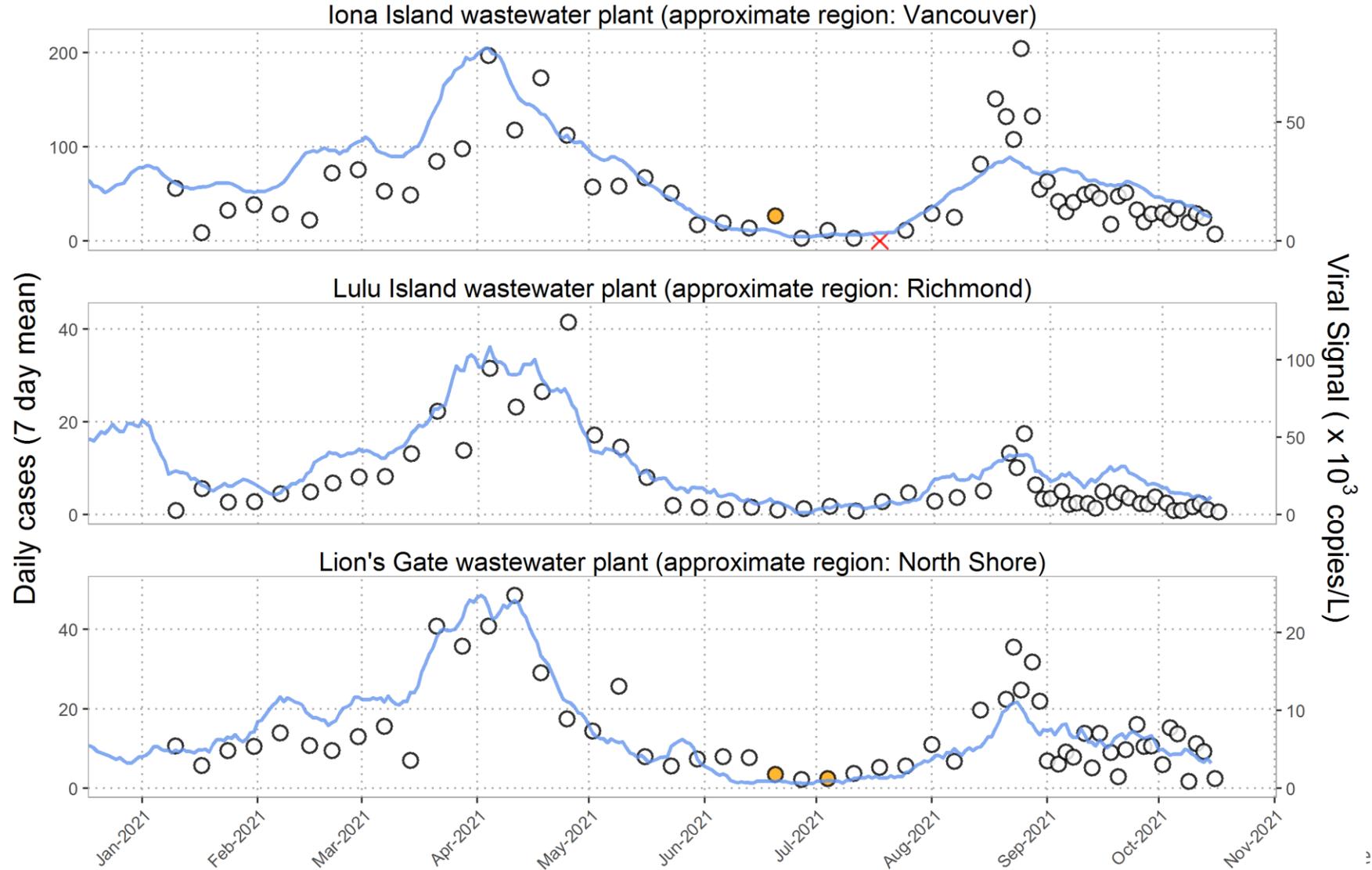
# In FHA, the viral signal from wastewater reflects the trends in case counts in this region



Time-series plots show weekly or bi-weekly viral signals from each wastewater plant (right y-axis), overlaid with rolling 7-day mean of daily new cases within wastewater catchment area (left y-axis).

Plot title shows wastewater plant name, followed by approximate catchment area.

# In VCH, the viral signal from wastewater reflects the declining trends in case counts in this region



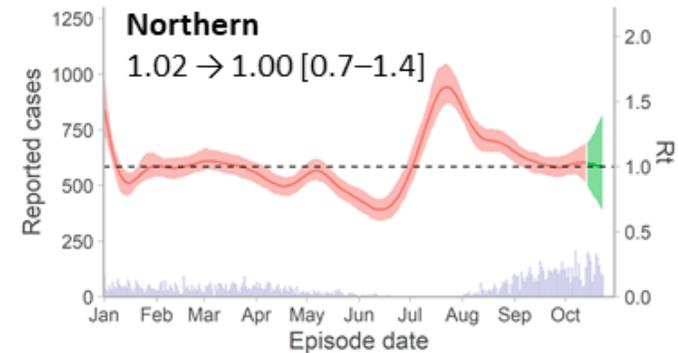
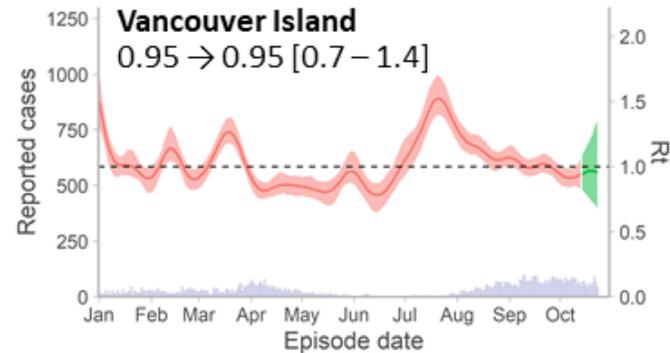
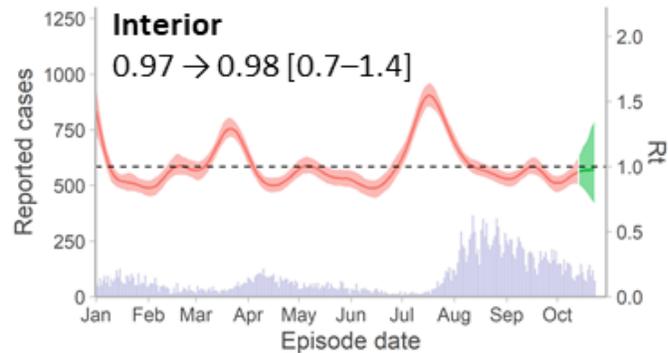
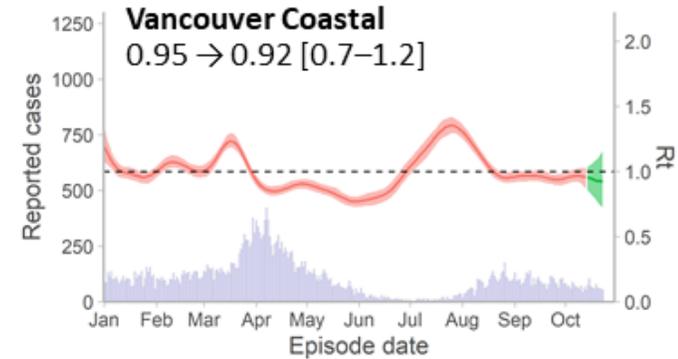
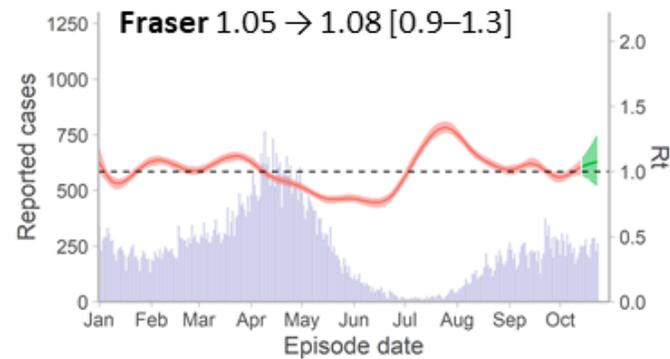
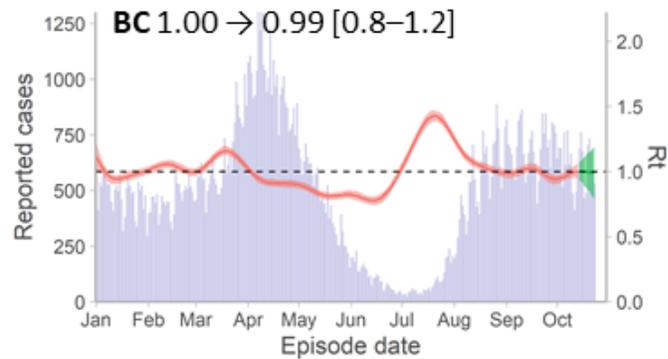
Time-series plots show vira

Plot title shows wastewater plant name, followed by approximate catchment area.

ca (left y-axis).

# Dynamic modeling: recent trends

Modelling indicates that  $R_t$  remains near 1 in all regions. Estimates are shown for last week  $\rightarrow$  this week, with 90% range of possible values given next to most recent estimate.



Solid line: median  $R_t$ , modeled using all reported cases up to Oct 23, 2021; Red band: 5%-95% credible interval; Green band: estimate based on partial data – each week, current estimates are updated with new data to provide a clearer understanding of the trend. Purple bars: all reported cases. Recent trend shown comparing median  $R_t$  estimate from (last week  $\rightarrow$  this week; 5% - 95% credible interval). Only January 2021 onward shown here. Data source: BCCDC HA linelist.

# Pediatric Report - Key Messages

- Case numbers in <18 years remain elevated, but are beginning to decrease
  - Incidence varies regionally: decreasing in IH, elevated in NH and FE; low in VIHA and VCH
  - Incidence highest among elementary school age 5 to 11 years, but declining
- Rates are highest in regions with lower 12+ vaccine coverage
- Severe outcomes are very rare in children
- Testing rates elevated but decreasing for pediatric age groups

See the Data for K-12 Schools report posted on the BCCDC website

[http://www.bccdc.ca/Health-Info-Site/Documents/COVID\\_sitrep/K12\\_Situation\\_Report/SitRep\\_K-12\\_October\\_2021.pdf](http://www.bccdc.ca/Health-Info-Site/Documents/COVID_sitrep/K12_Situation_Report/SitRep_K-12_October_2021.pdf)

# Oct 14 to Oct 20: Pediatric COVID-19 Profile

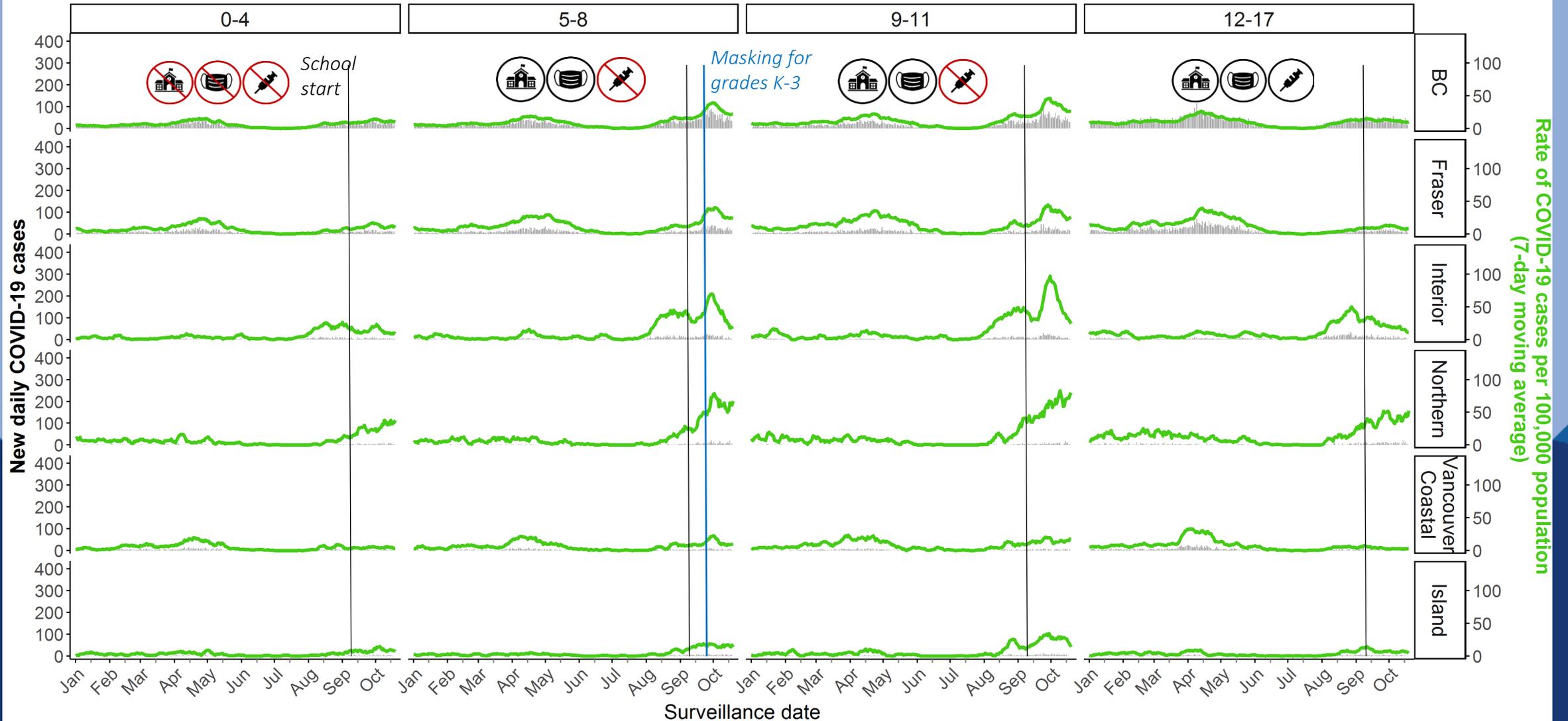


Age group: 0-4		Age group: 0-4		Age group: 0-4		Age group: 0-4	
<b>5,245</b>	total cases	<b>114</b>	ever hospitalized	<b>11</b>	ever in critical care	<b>2</b>	total deaths
<b>164</b>	new this week	<b>1</b>	new this week	<b>0</b>	new this week	<b>0</b>	new this week
Age group: 5-11		Age group: 5-11		Age group: 5-11		Age group: 5-11	
<b>13,335</b>	total cases	<b>50</b>	ever hospitalized	<b>3</b>	ever in critical care	<b>0</b>	total deaths
<b>578</b>	new this week	<b>0</b>	new this week	<b>0</b>	new this week	<b>0</b>	new this week
Age group: 12-17		Age group: 12-17		Age group: 12-17		Age group: 12-17	
<b>12,015</b>	total cases	<b>48</b>	ever hospitalized	<b>7</b>	ever in critical care	<b>0</b>	total deaths
<b>218</b>	new this week	<b>2</b>	new this week	<b>0</b>	new this week	<b>0</b>	new this week

\* New hospitalizations and critical care census numbers are as of Oct 19 2021

\* New cases and new deaths are net new between Line lists of Oct 13 and Oct 20

# Incidence in children has decreased in Interior and Fraser, remains elevated in Northern Health, and is low in Vancouver Coastal and Island.



Rate of COVID-19 cases per 100,000 population (7-day moving average)

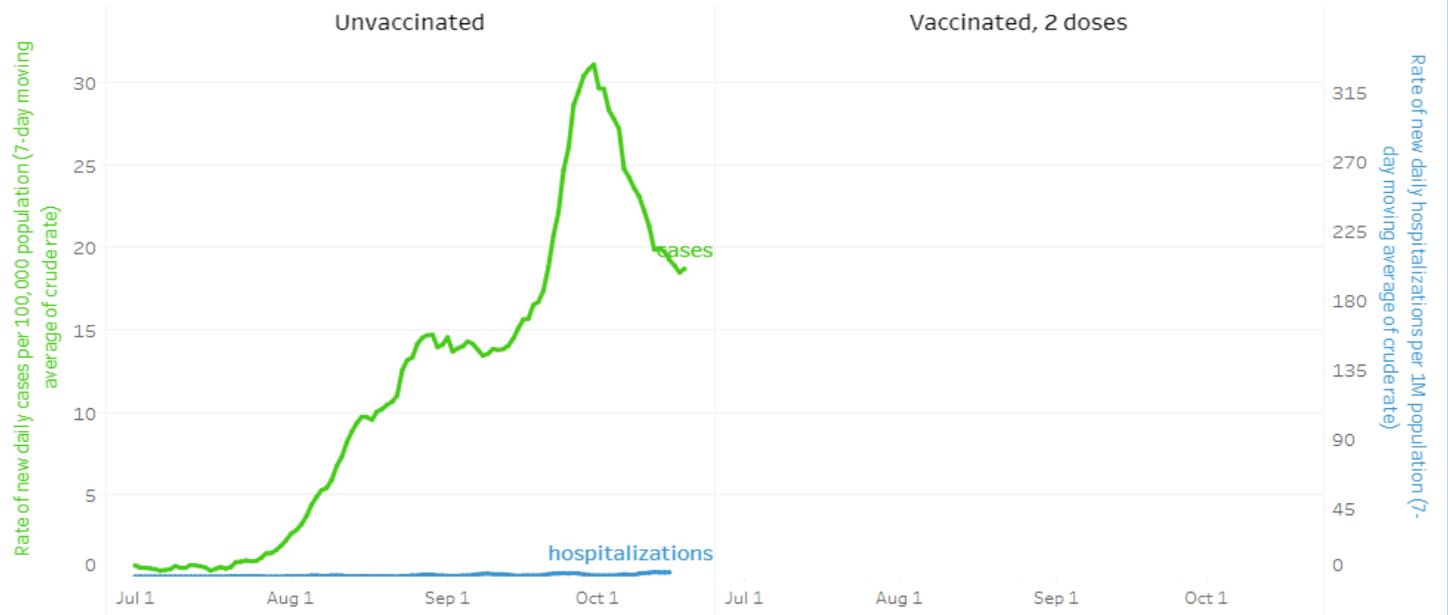
Date range: Jan 01 2021 - Oct 19 2021  
Data source: PHRDW Oct-20-2021

Incidence has decreased among unvaccinated children <11 years, and is stable in unvaccinated children 12 to 17 years. Elevated case rates in children and youth have not translated into more hospitalizations

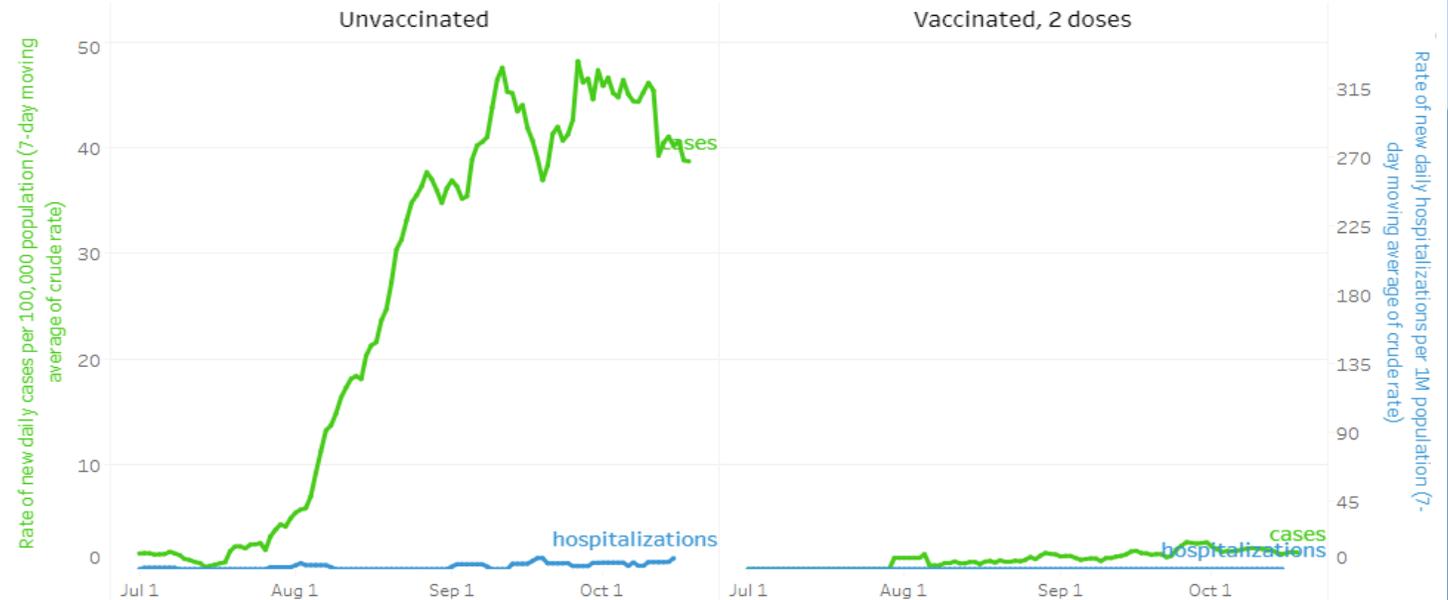
0-11 years

12 to 17 years

Case and Hospitalization Rate, BC, 0-11, Jul. 01 - Oct. 18

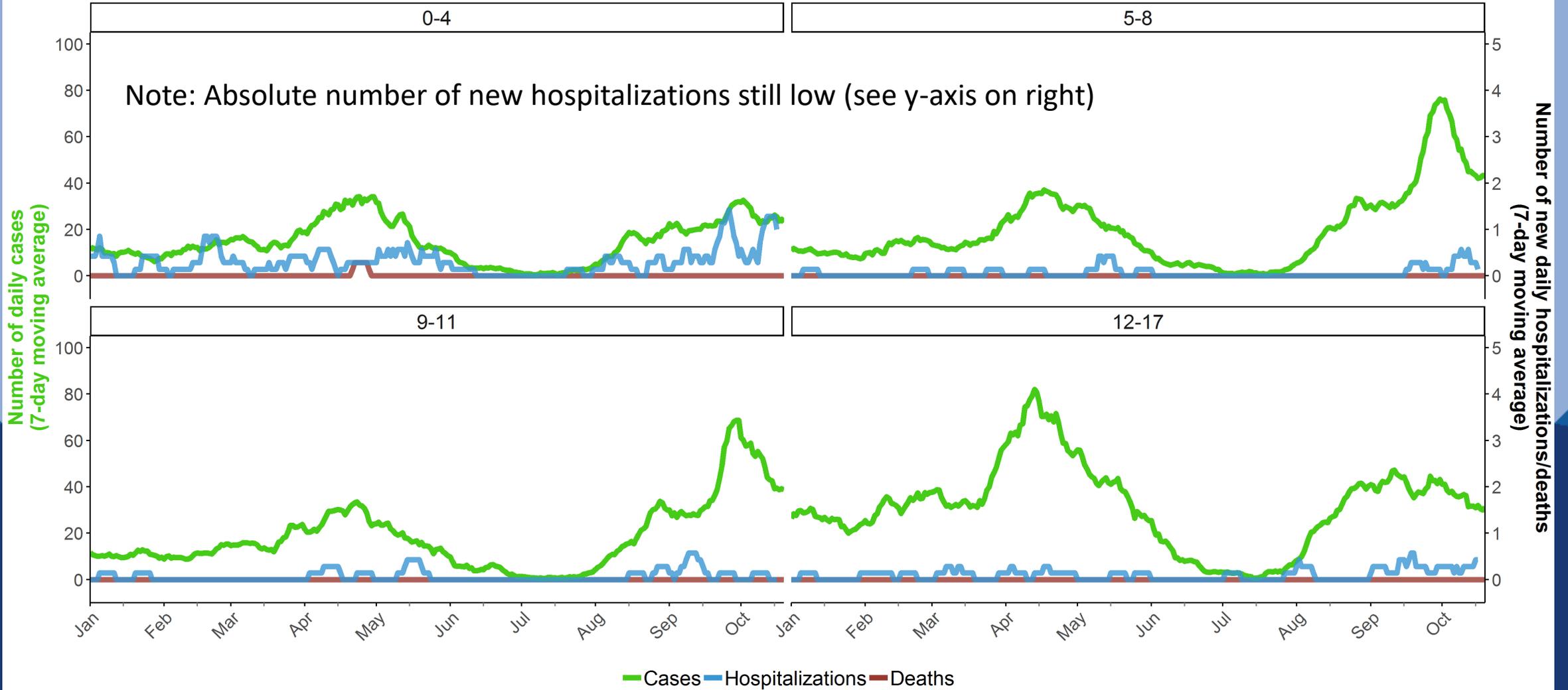


Case and Hospitalization Rate, BC, 12-17, Jul. 01 - Oct. 18



# Hospitalization rates remain very low and stable; deaths are extremely rare

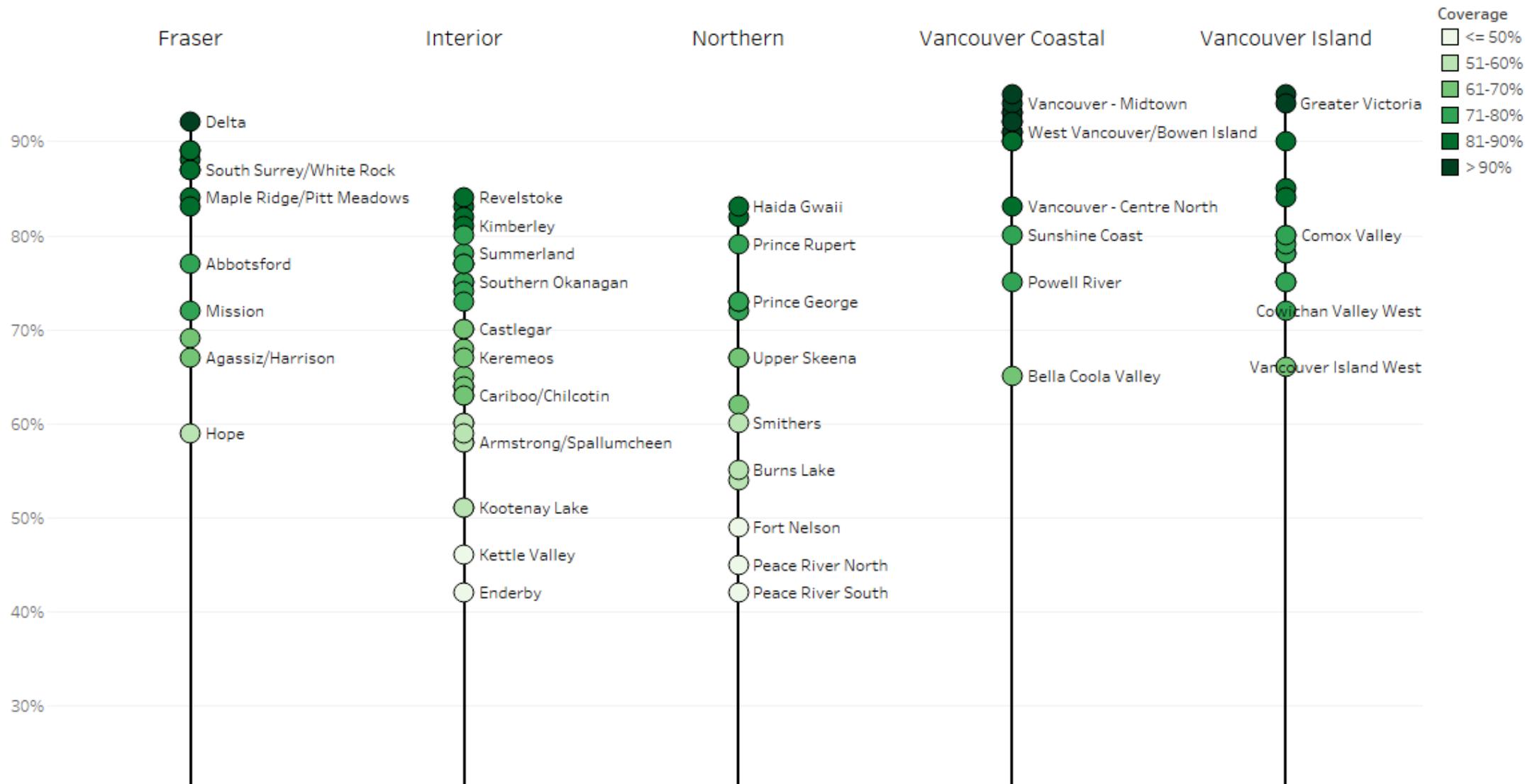
New daily COVID-19 cases, hospitalizations and deaths, Jan 01 2021 - Oct 19 2021



\* Data are by surveillance date for cases and deaths, and admission date for hospitalizations  
 Data source: PHRDW + BCCW Oct-20-2021

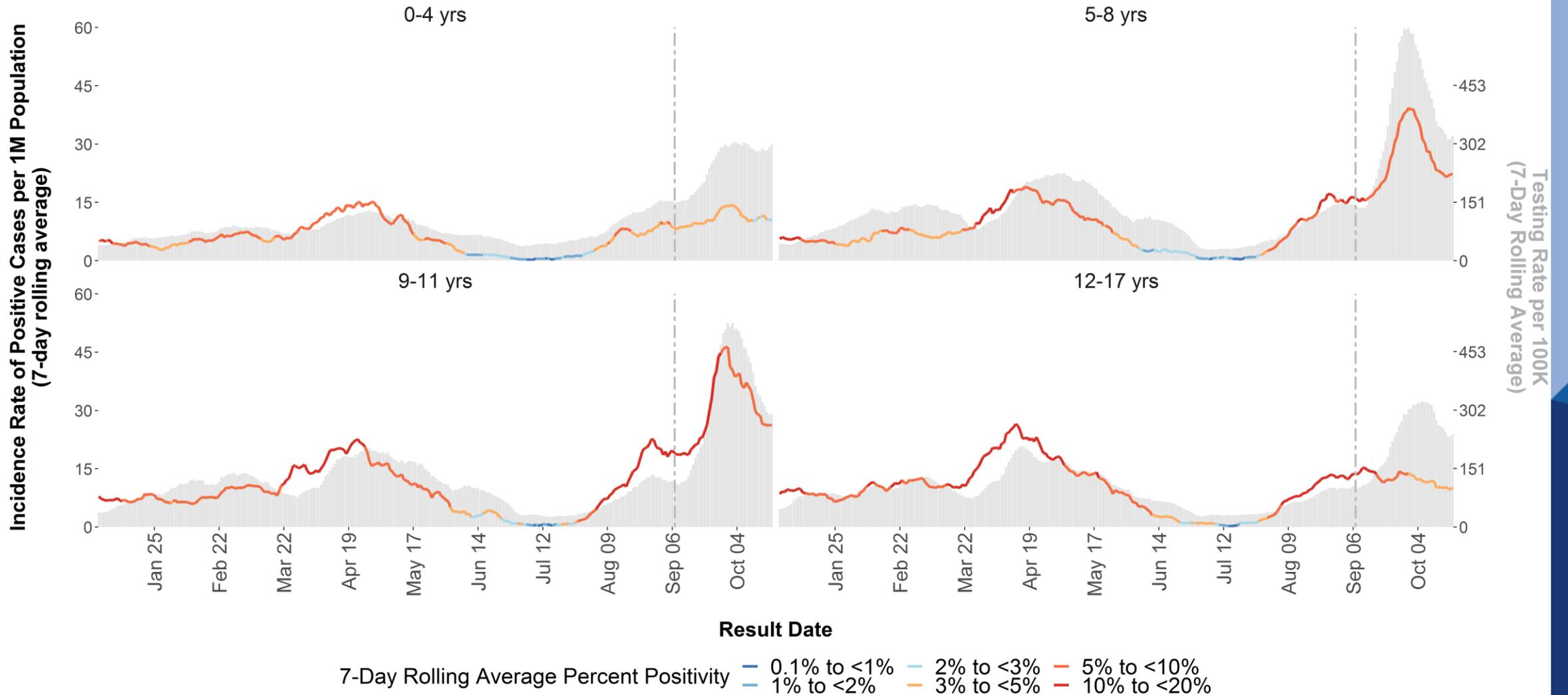
# COVID-19 vaccination coverage with 1st dose among 12-17 year olds, by Local Health Area, up to 18 Oct 2021: there is more variation in this age group compared with older age groups

COVID-19 Vaccination Coverage (first dose), 12-17, Oct. 18, 2021



# Testing rates among all pediatric age groups have recently decreased but remain high

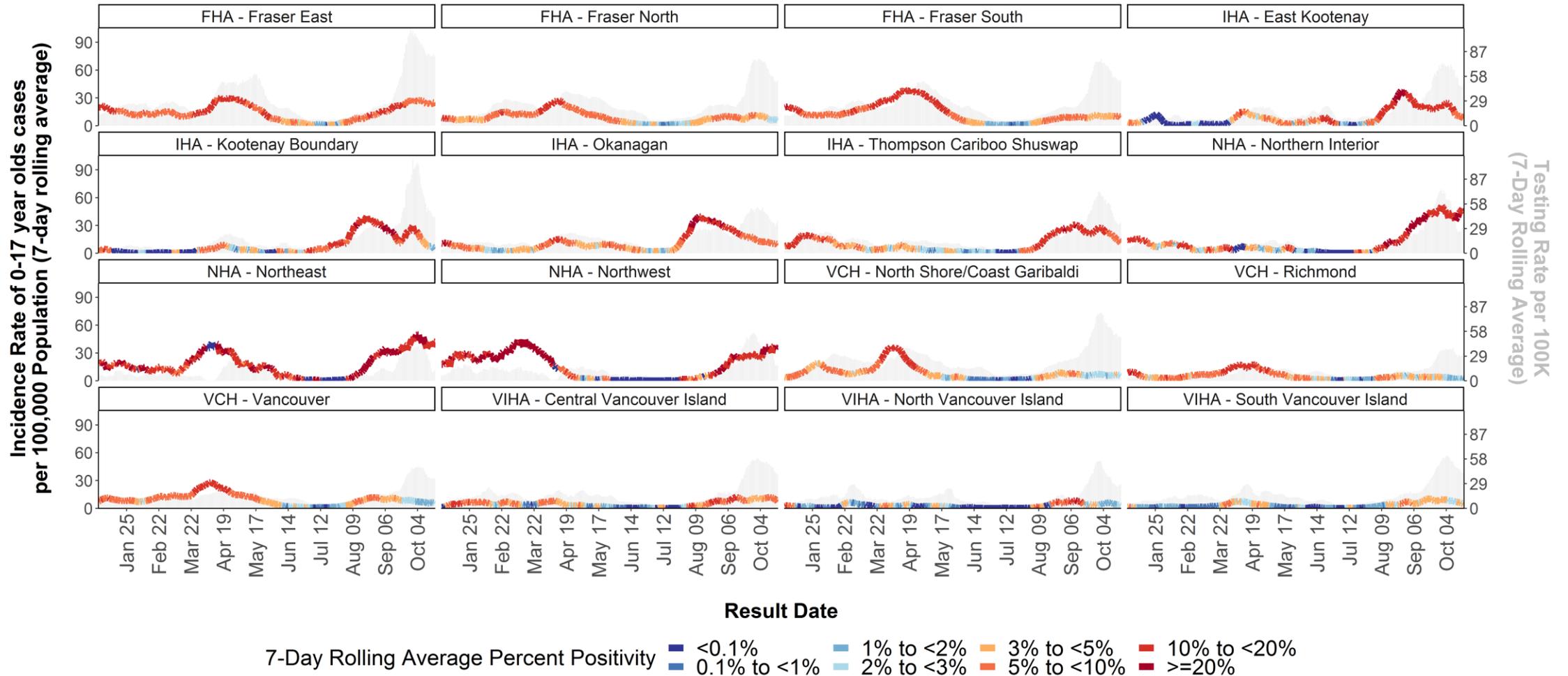
Case incidence rate, test percent positivity, and testing rate by age (Public Payers Only). Jan 1 2020 - Oct 19, 2021.



Data source: PLOVER 19-Oct-2021

Testing rates among 0-17 years remain high in all HSDAs. Percent positivity is high in NH. Incidence is elevated in Fraser East, and across NH; incidence is decreasing in IH.

Case incidence rate, test percent positivity, and testing rate by HSDA (Public Payers Only).  
Jan 1 2021 - Oct 19, 2021.



Data source: PLOVER 19-Oct-2021

# Additional Resources

- BCCDC COVID-19 Regional Surveillance Dashboard showing maps, vertical plots, and trends by LHA can be found [here](#)
- More BC COVID-19 data, including the latest Situation Report, maps, and BC COVID-19 public dashboard, can be found [here](#)
- For more information on variants of concern and whole genome sequencing, the latest report is posted [here](#)
- To put BC provincial, Health Authority, and HSDA trajectories into national and international context, see [BCCDC COVID-19 Epidemiology app](#)
- [COVID SPEAK 2020 Round 1 Survey results](#)
- Slides for previous public and modelling briefings by Dr. Bonnie Henry can be found [here](#)
- PHAC's COVID-19 Epidemiology update can be found [here](#)