

# Jan 11 to Jan 17: BC COVID-19 Profile



**299,146** total cases  
**15,305** new this week



**2,490** total deaths  
**44** new this week

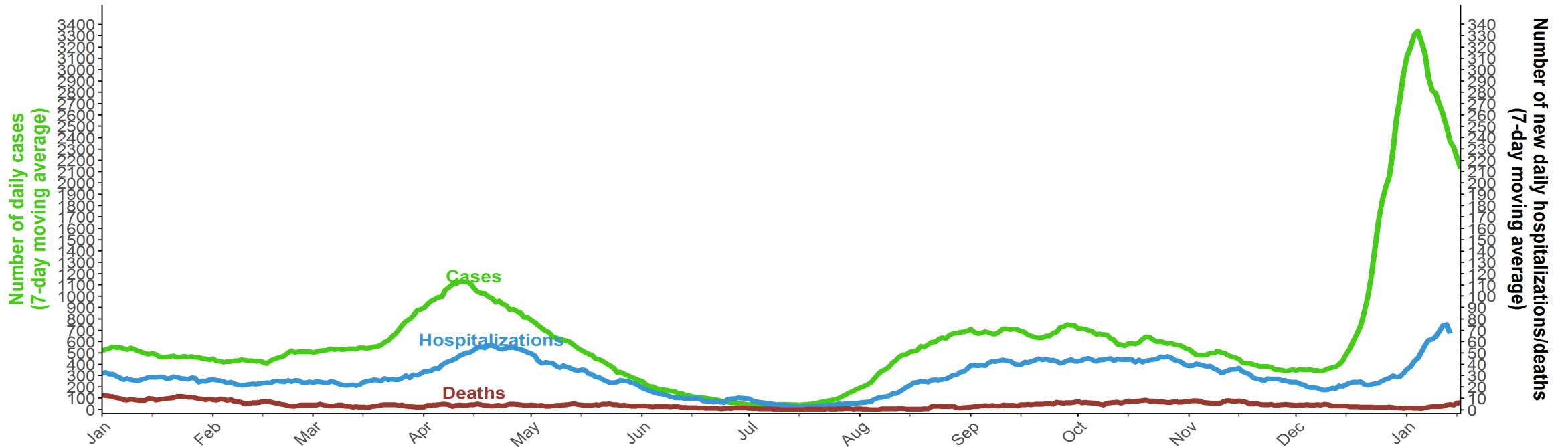


**14,291** ever hospitalized  
**784** new this week



**257,677** removed from isolation  
**13,724** new this week

New daily COVID-19 cases, hospitalizations and deaths, Jan 01 2021 - Jan 16 2022



\* Data are by surveillance date for cases and deaths, and admission date for hospitalizations  
Data source: PHRDW Jan-17-2022

\*Data based on surveillance date for cases and deaths, and admission date for hospitalizations

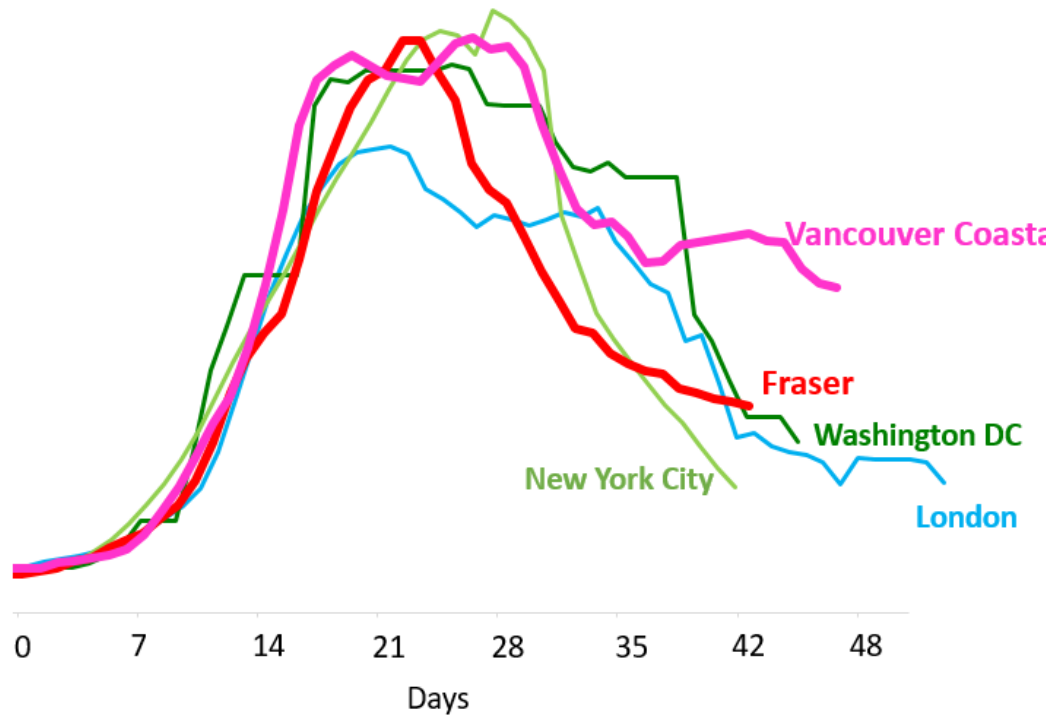
# Where are we in the current omicron wave?

Case trends also supported by:

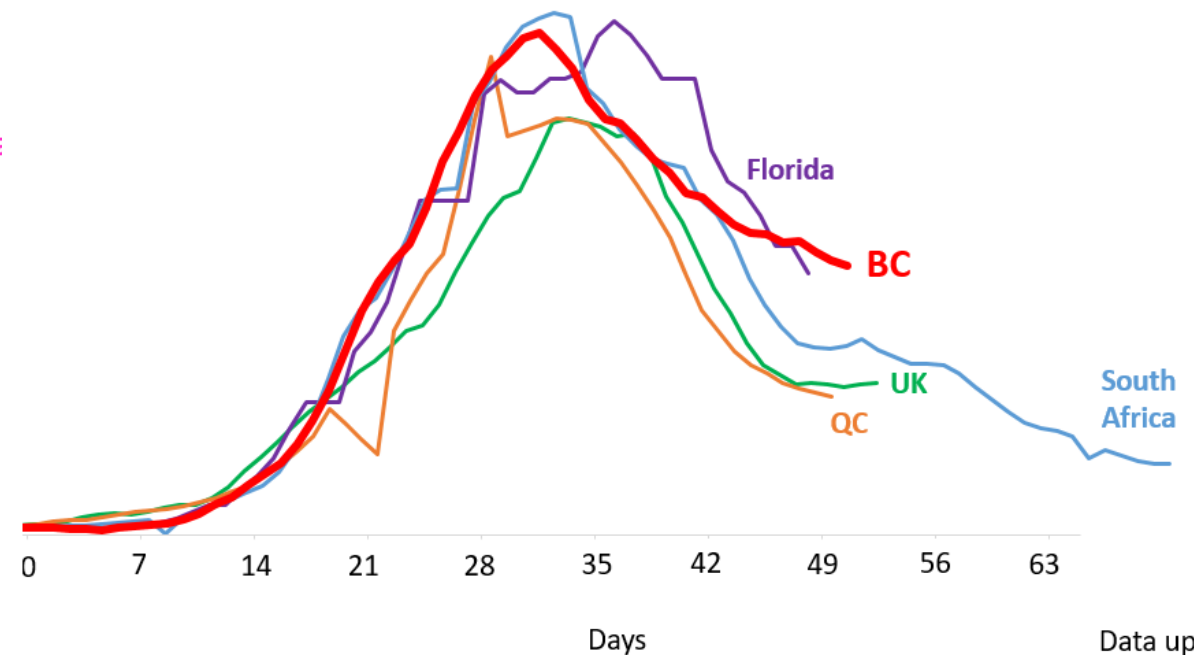
- Hospitalization trends
- % positivity trends
- Wastewater surveillance data for Lower Mainland
- Thrive app symptom reporting trajectory

## Omicron wave **case** trends over time

*Urban centres*

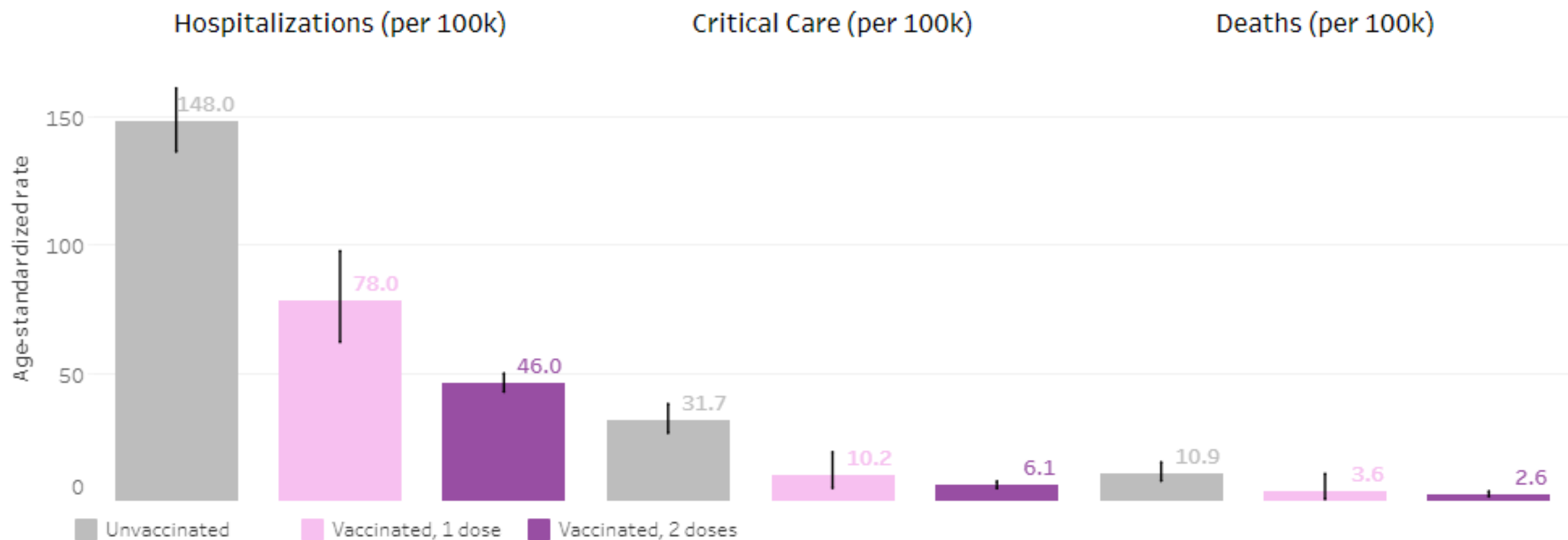


*Regional/National*



Data up to Jan 24, 2022

## Age-standardized Case, Hospitalization & Critical Care Rate, BC, Dec. 25-Jan. 21



# Contact tracing

- An intervention used for a **subset** of communicable diseases
- Rationale:
  - Is there an intervention that contacts can take that is different from people who are not contacts to protect themselves or others?
  - Can we identify and reach contacts?
    - Who are they? (well defined)
    - Do we have time to find them? (incubation period)
    - Do we have time to intervene?
- Examples:
  - STIs, HIV, Hepatitis A, Measles → yes
  - Influenza, Norovirus, Invasive Pneumococcal Disease → no

	Hepatitis A	Measles	COVID-19 in March 2020	Influenza	COVID-19 Now
Susceptibility to infection	Broad Risk and travel based vaccination	Focal Unimmunized Infants	Universal	Broad	Broad
Susceptibility to serious illness	Age Co-morbid conditions Vaccination Previous infection	Age, Co-morbid conditions Vaccination Previous infection	Age Co-morbid conditions <b>No vaccine</b> <b>No previous infection</b>	Age Co-morbid conditions Vaccination Previous infection	Age Co-morbid conditions Vaccination Previous infection
Incubation period	28 days	11-12 days	5.6 days	2 days	2-3 days (data are emerging)
Contact specific intervention?	Vaccination within 14 days	Vaccination within 3 days	Quarantine for 14 days	No	No

# Public Health Management

- Vaccination
- Self-management
- Testing
  - Limit transmission in high risk settings
  - Identify those who benefit from treatment
- Outbreak management in high risk settings
- Treatment