

COVID-19 Epidemiology

Nationally and in Washington



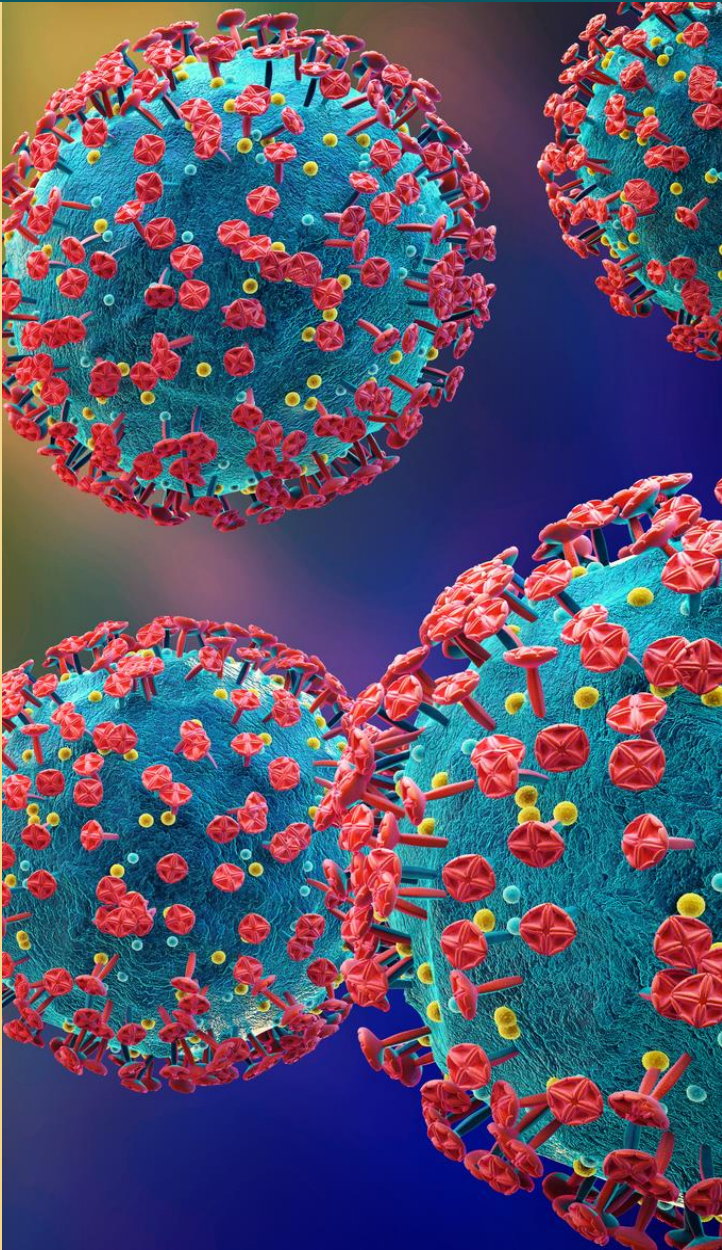
**Mask Up,
Washington.**

Visit www.doh.wa.gov



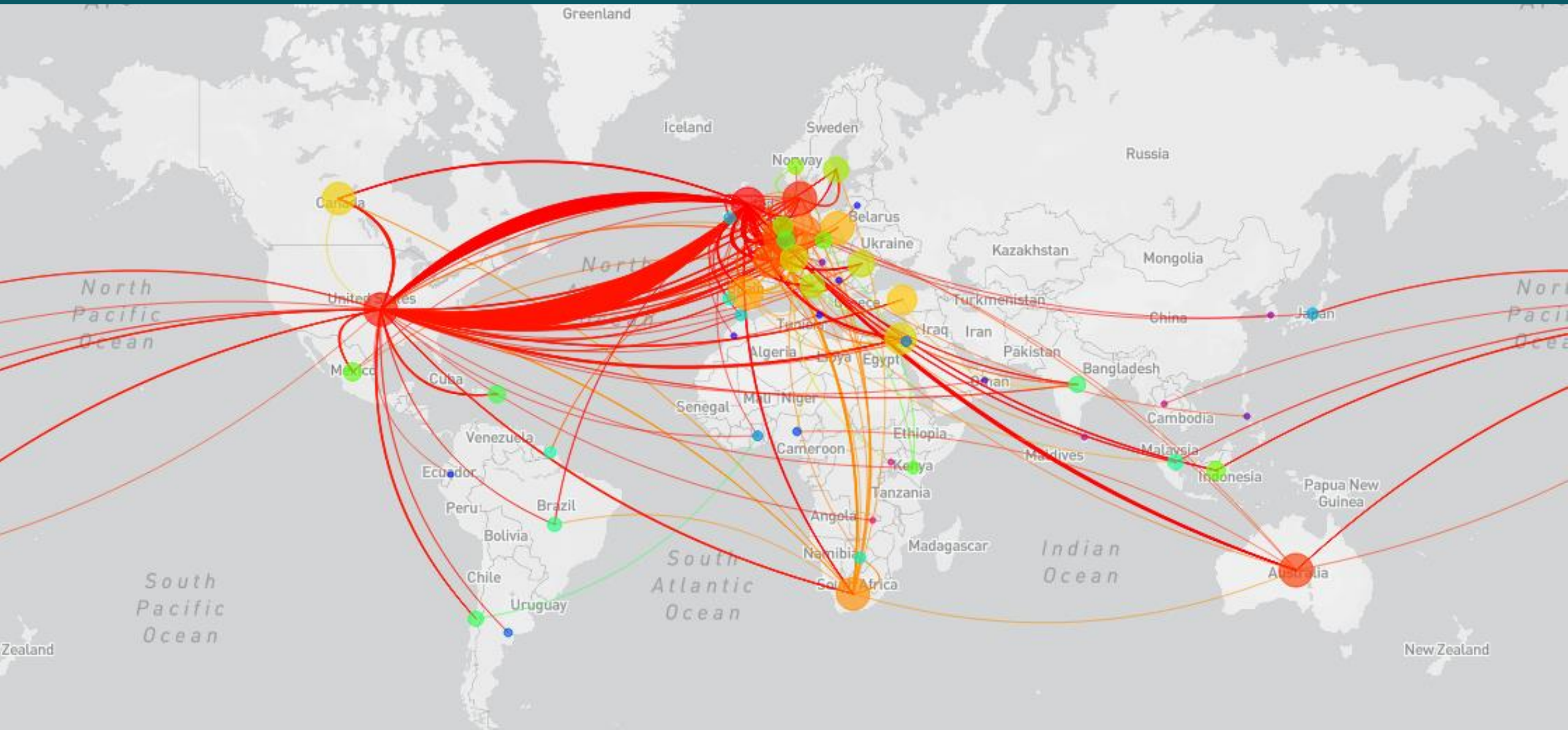
@WaDeptHealth
@WaHealthSec

Omicron variant – viral characteristics



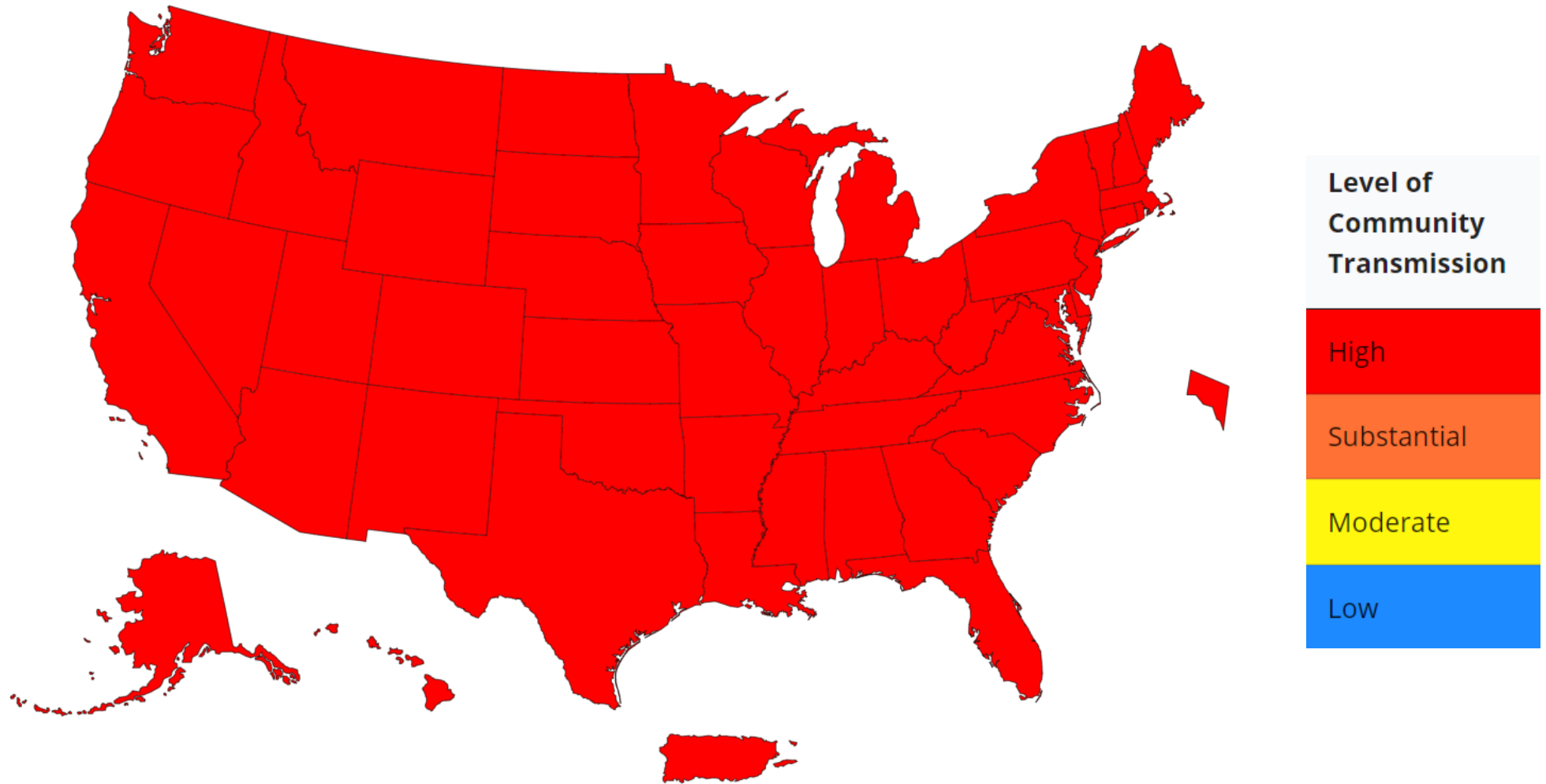
- First reported to WHO from South Africa on Nov 24, 2021
- Variant of concern designation timeline
 - WHO: Nov 26, 2021
 - CDC: Nov 30, 2021
- Evidence of:
 - Increased transmissibility
 - Significant reduction in neutralization by antibodies generated during previous infection or vaccination
 - Diagnostic detection failures

Transmission map of omicron variant spread



Source: GISAID <https://phylodynamics2.pandemicpreparadness.org/SARS-CoV-2/B11529?d=map&p=full> (1/9/2022)

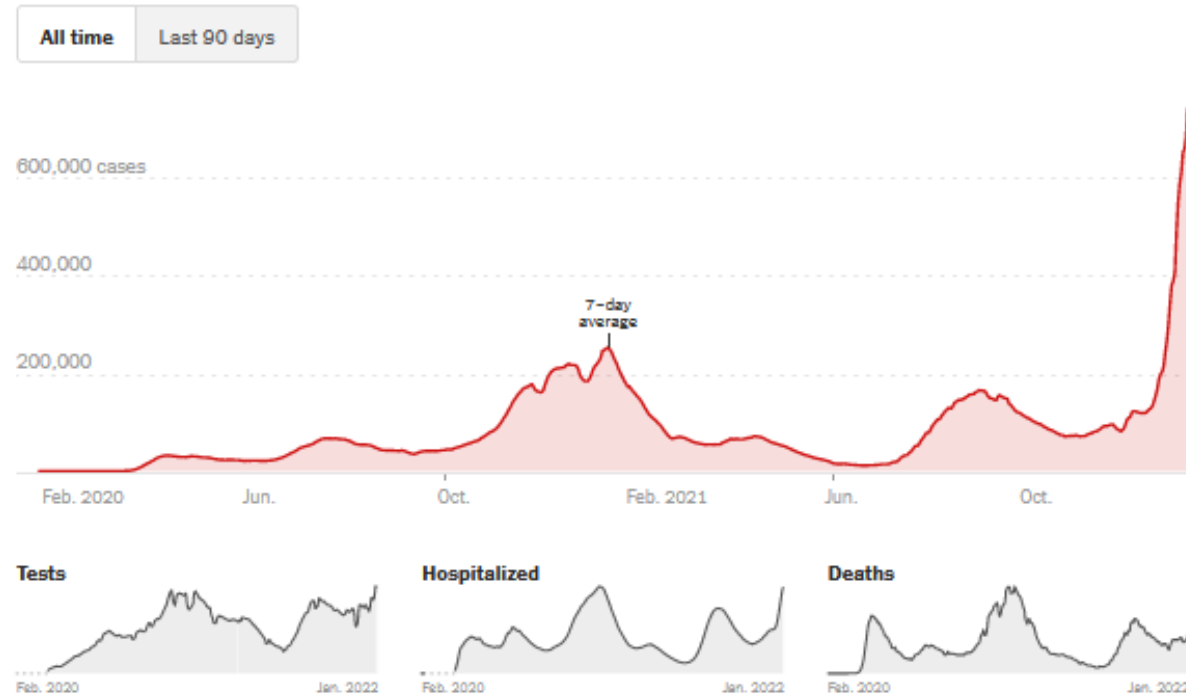
U.S. COVID-19 Community Transmission



Source: CDC COVID Data Tracker 1/12/2022)

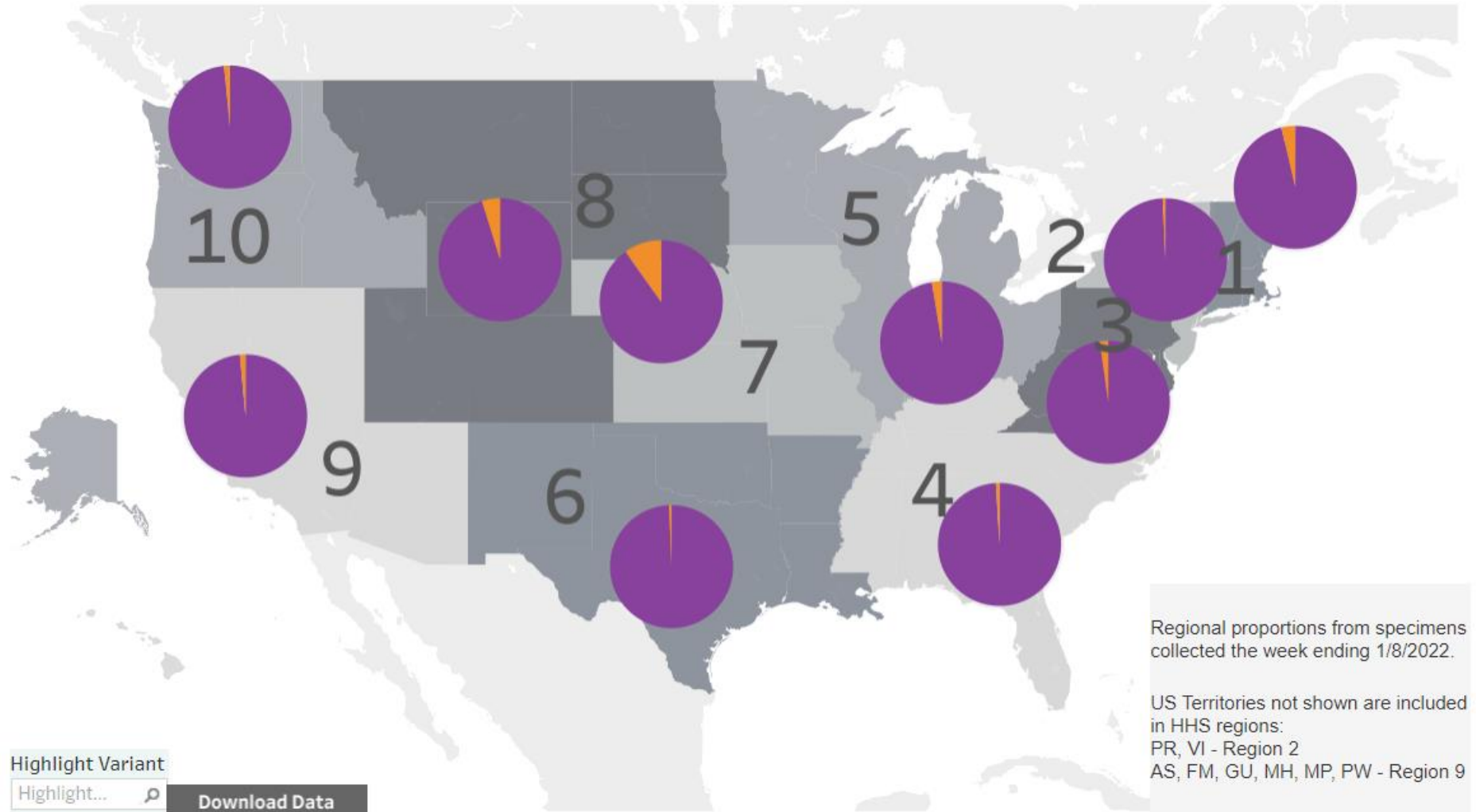
U.S. COVID-19 case count

New reported cases



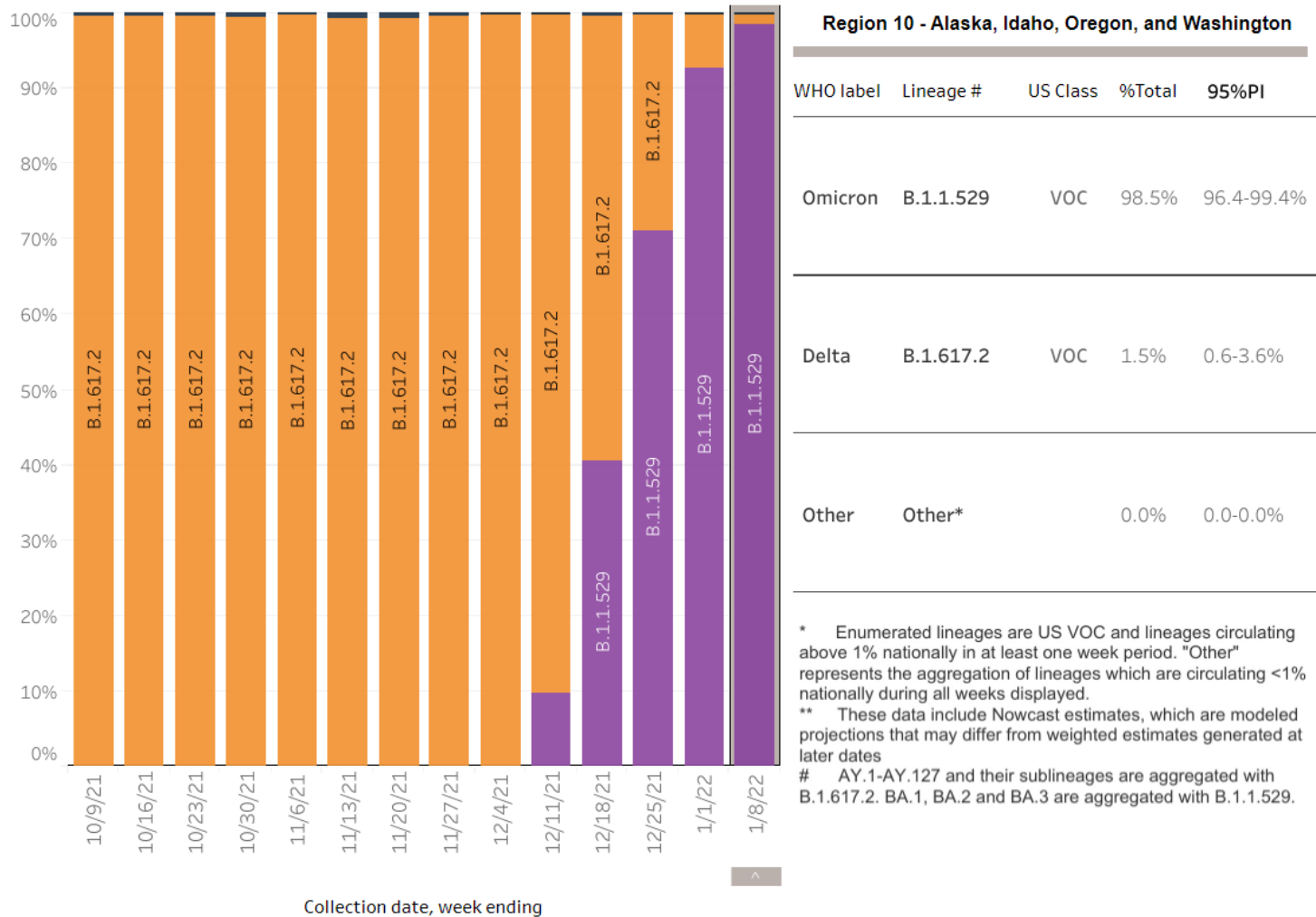
	DAILY AVG. ON JAN. 10	14-DAY CHANGE	TOTAL REPORTED
Cases	738,031	+204%	61,954,801
Tests	1,992,421	+34%	—
Hospitalized	135,559	+83%	—
Deaths	1,656	+36%	839,308

Omicron variant proportions nationally



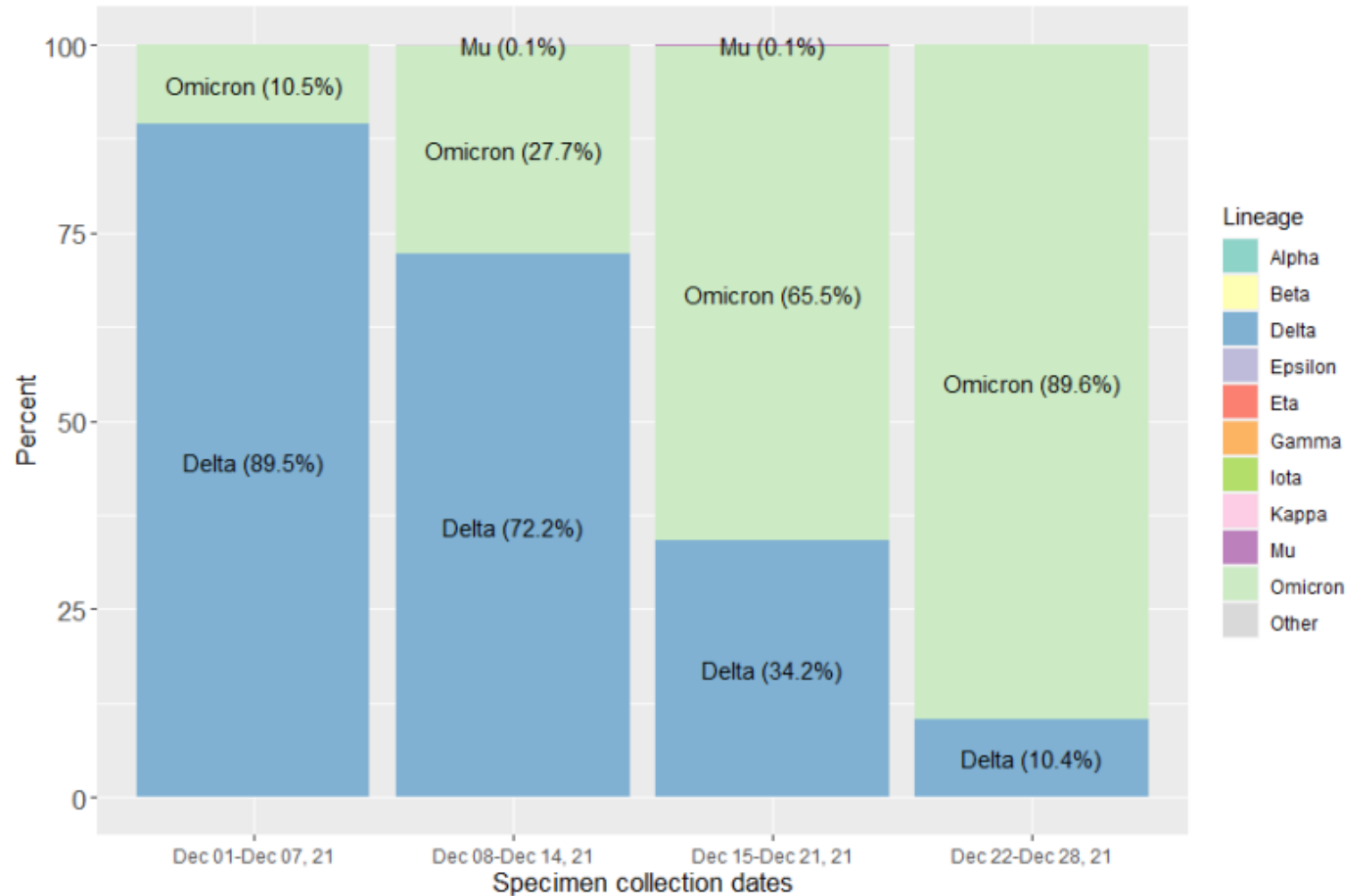
Source: CDC COVID data tracker <https://covid.cdc.gov/covid-data-tracker/#variant-proportions> (1/4/2022)

Variant proportions Region 10



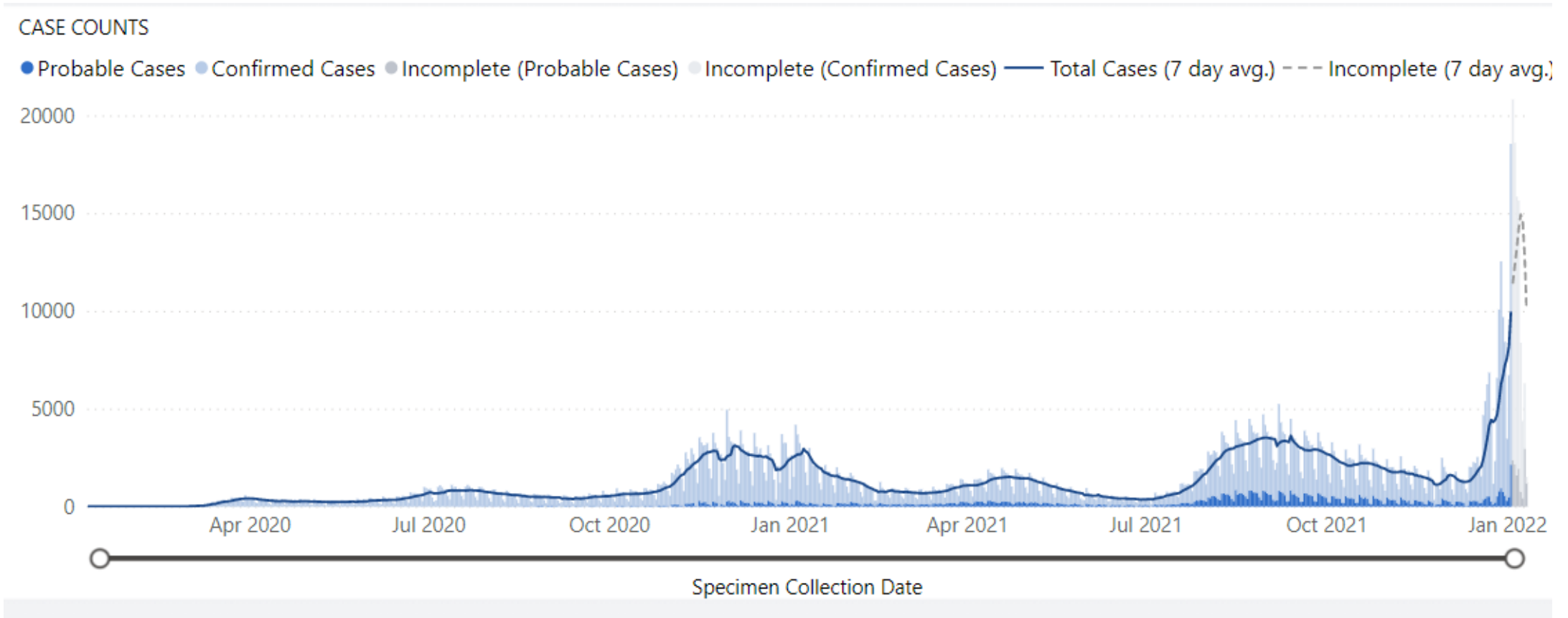
Source: CDC COVID data tracker <https://covid.cdc.gov/covid-data-tracker/#variant-proportions> (1/9/2022)

Variant proportions in Washington



Source: DOH COVID data dashboard <https://www.doh.wa.gov/Emergencies/COVID19/DataDashboard> (1/12/2022)

COVID-19 cases in Washington



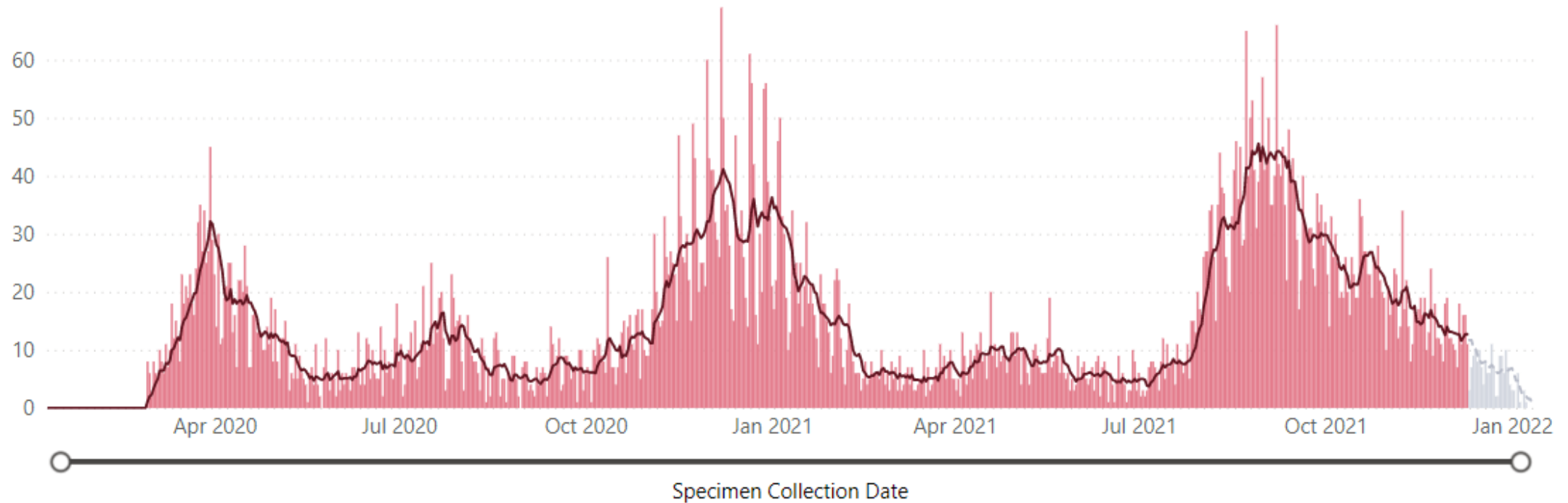
1,899 of 1,009,187 cases do not have an assigned county. Cases from the last 8 days may yet not be reported.

Source: DOH COVID-19 data dashboard <https://www.doh.wa.gov/Emergencies/COVID19/DataDashboard> (1/13/2022)

COVID-19 deaths in Washington

DEATH COUNTS

● Deaths ● Incomplete — Deaths (7 day avg.) — Incomplete (7 day avg.)



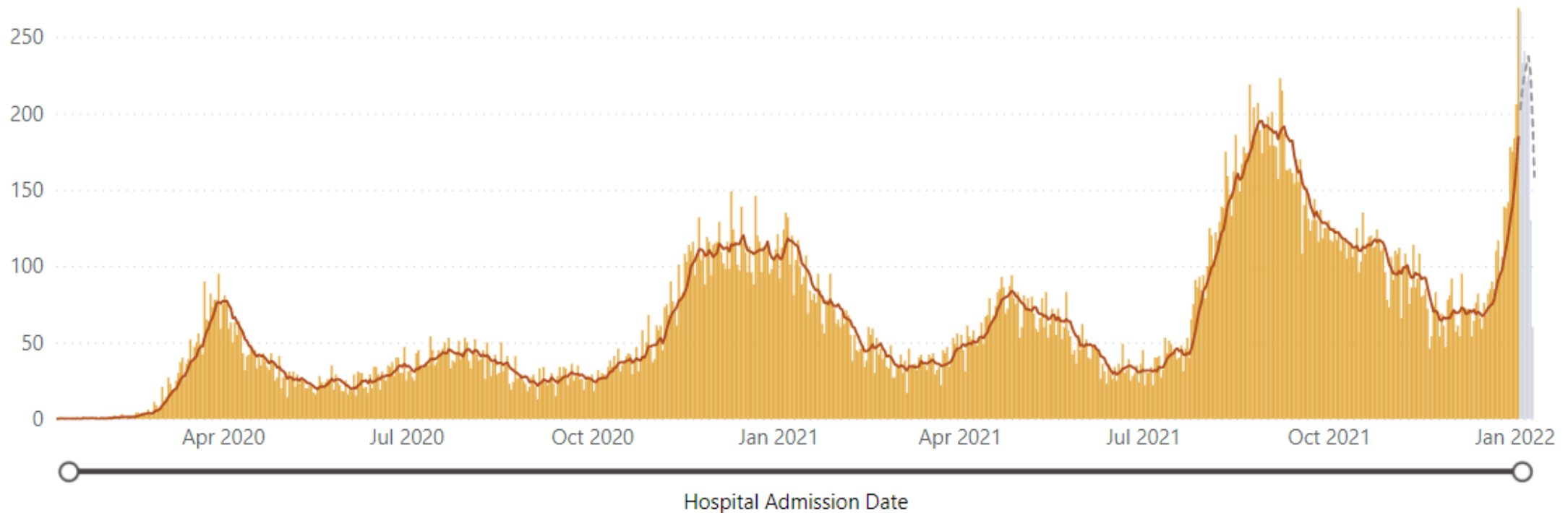
4 of 10,103 deaths do not have an assigned county. Deaths from the last 3-4 weeks may not yet be reported.

Source: DOH COVID-19 data dashboard <https://www.doh.wa.gov/Emergencies/COVID19/DataDashboard> (1/13/2022)

COVID-19 hospitalizations in Washington

HOSPITALIZATION COUNTS

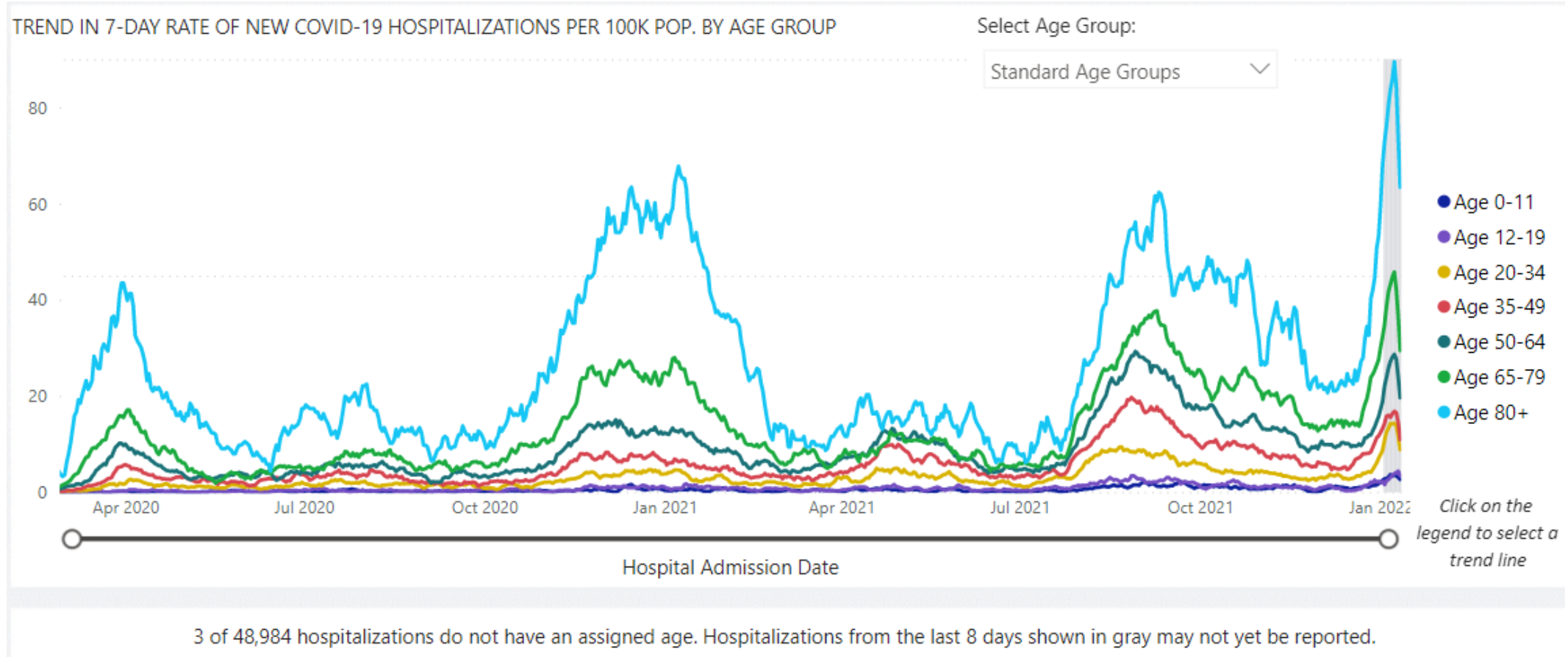
● Hospitalizations ● Incomplete — Hospitalizations (7 day avg.) — Incomplete (7 day avg.)



1,007 hospitalizations do not have a hospital admission date reported. Hospitalizations from the last 8 days may not yet be reported.

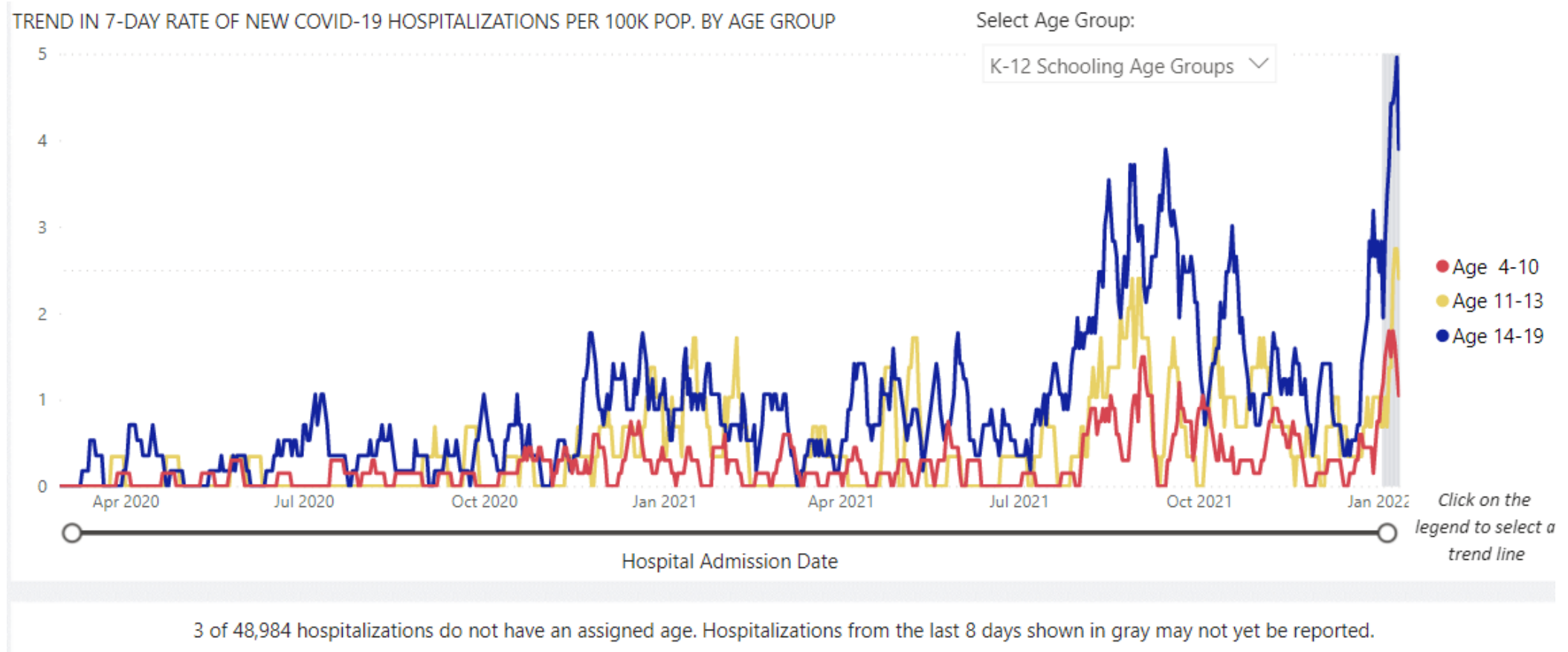
Source: DOH COVID-19 data dashboard <https://www.doh.wa.gov/Emergencies/COVID19/DataDashboard> (1/13/2022)

COVID-19 hospitalizations by age



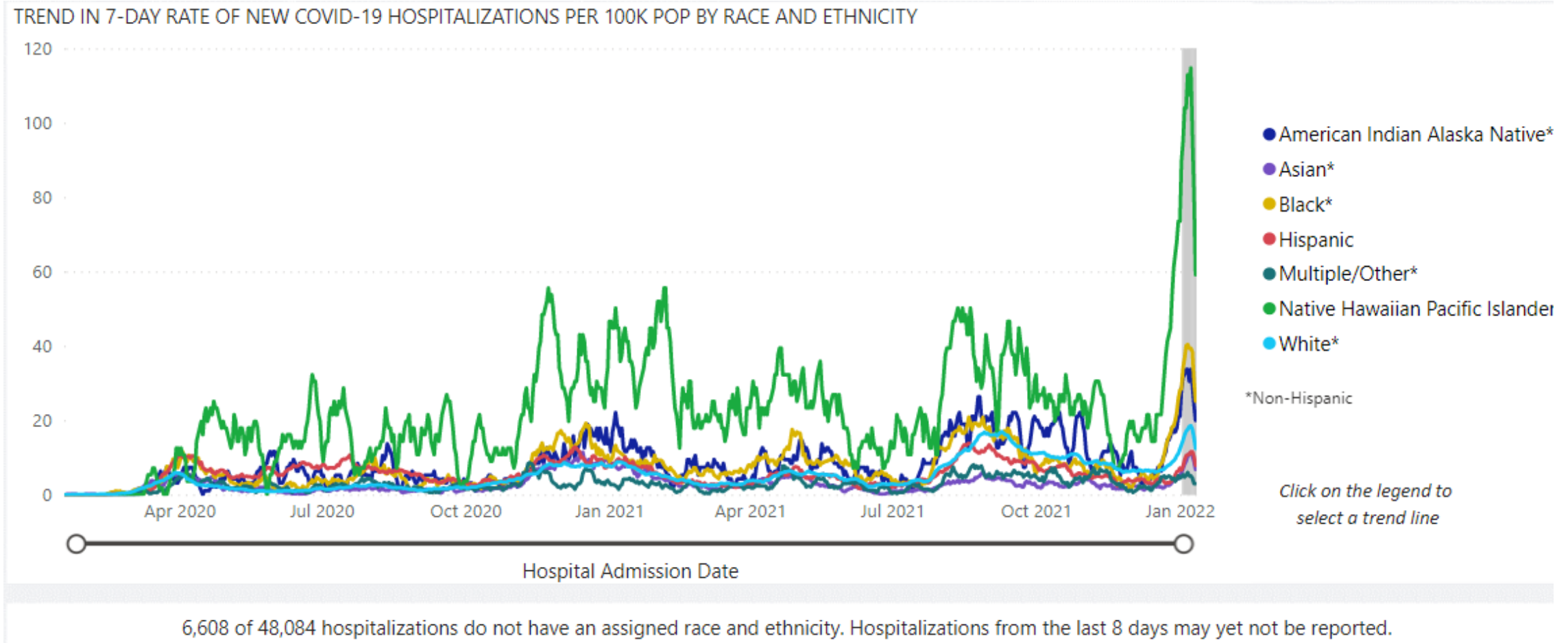
Source: DOH COVID-19 data dashboard <https://www.doh.wa.gov/Emergencies/COVID19/DataDashboard> (1/13/2022)

COVID-19 pediatric hospitalizations by age



Source: DOH COVID-19 data dashboard <https://www.doh.wa.gov/Emergencies/COVID19/DataDashboard> (1/13/2022)

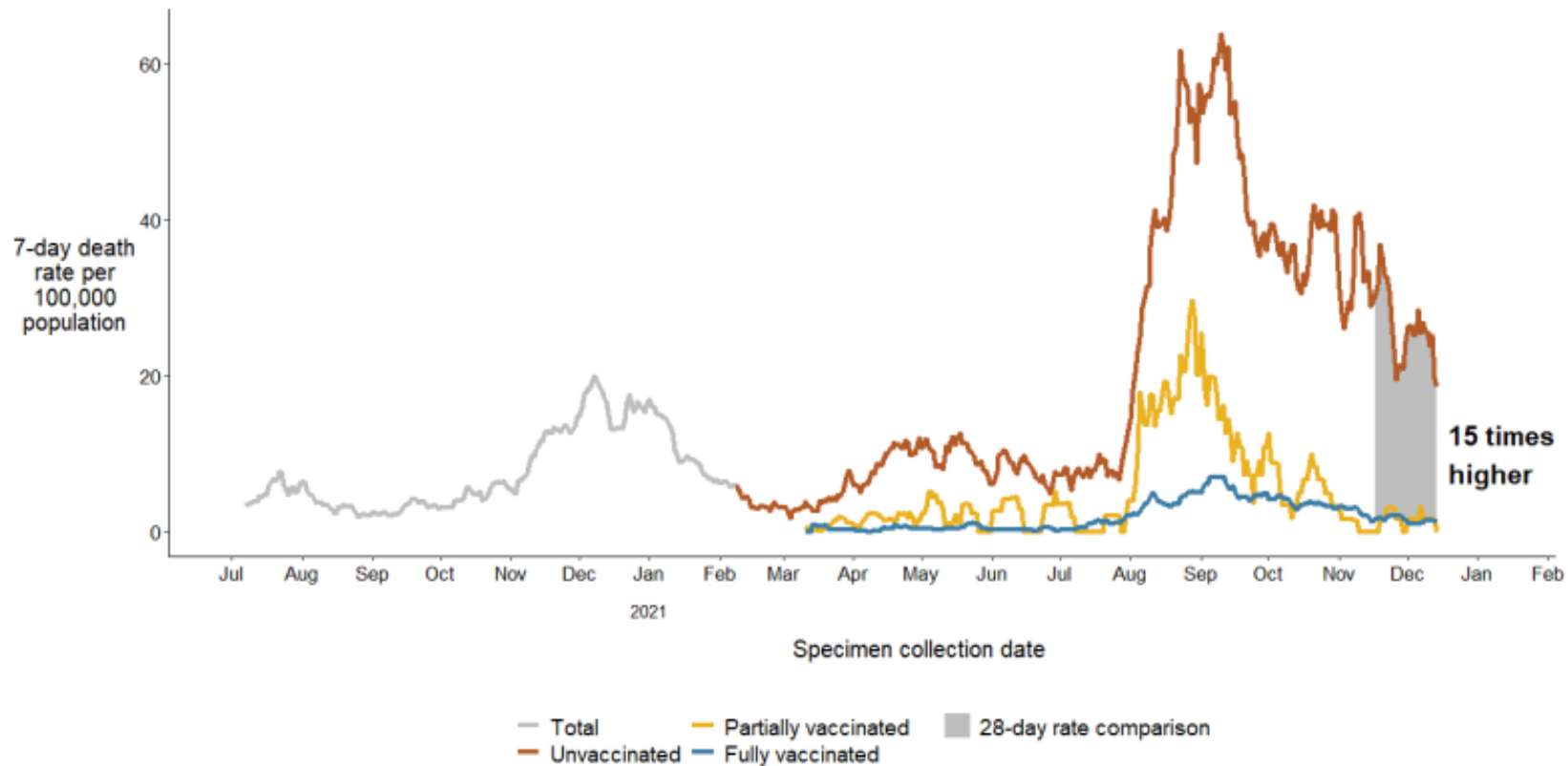
COVID-19 hospitalizations by race/ethnicity



Source: DOH COVID-19 data dashboard <https://www.doh.wa.gov/Emergencies/COVID19/DataDashboard> (1/13/2022)

Washington COVID-19 death rates (Ages 65+)

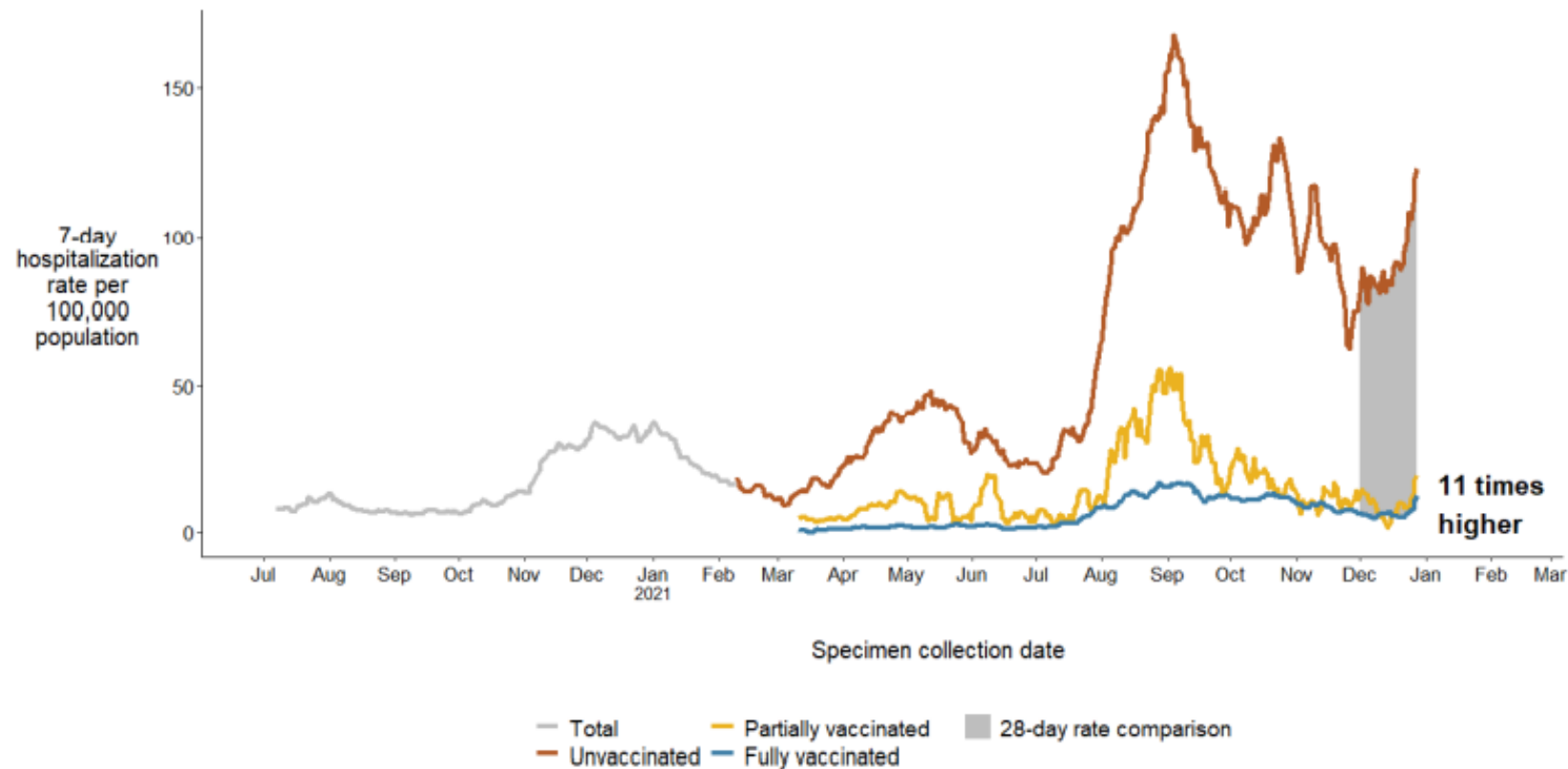
COVID-19 death rates among 65+ year-old individuals are 15 times higher in the unvaccinated population than in the fully vaccinated population



Source: DOH [COVID-19 Cases, Hospitalizations, and Deaths by Vaccination Status report](#) (1/12/2022)

Washington COVID-19 hospitalization rates

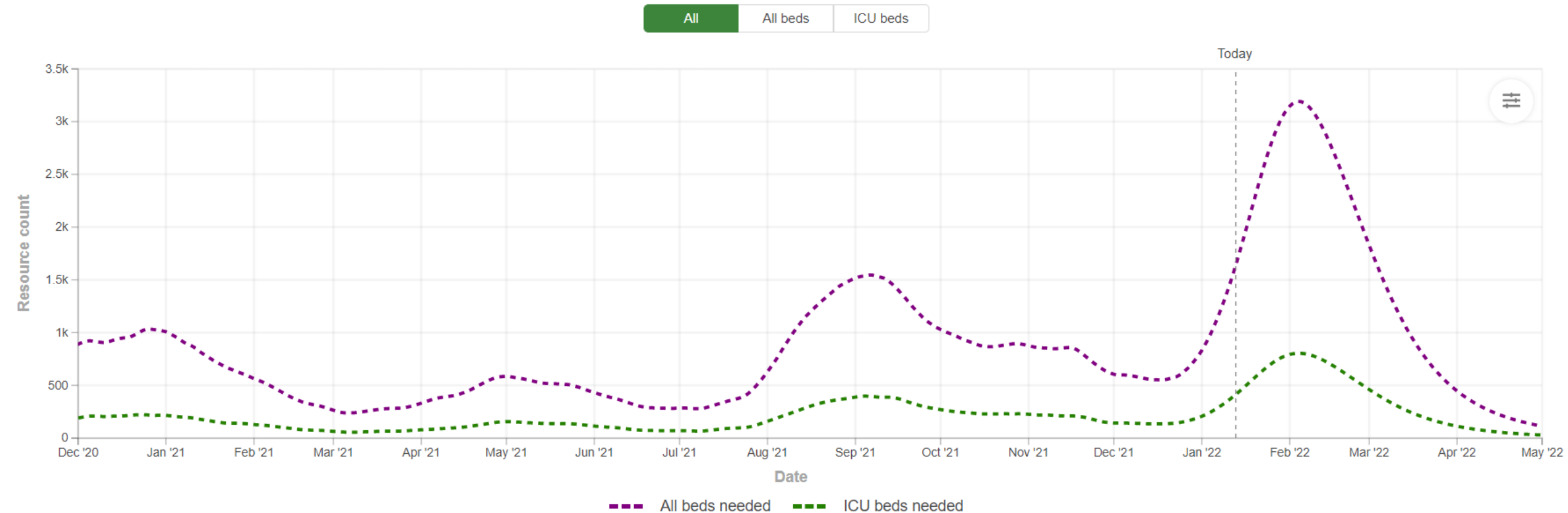
COVID-19 hospitalization rates among 65+ year-old individuals are 11 times higher in the unvaccinated population than in the fully vaccinated population



Source: DOH [COVID-19 Cases, Hospitalizations, and Deaths by Vaccination Status report](#) (1/12/2022)

Washington projected hospital resource use

Hospital resource use indicates how equipped a location is to treat COVID-19 patients for the **Current projection** scenario. Select **All beds** or **ICU beds** for descriptions of each measure.



Source: Institute for Health Metrics and Evaluation COVID-19 Projections <https://covid19.healthdata.org/united-states-of-america/washington?view=vaccinations&tab=trend> (1/13/2022)

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