

COVID-19 update

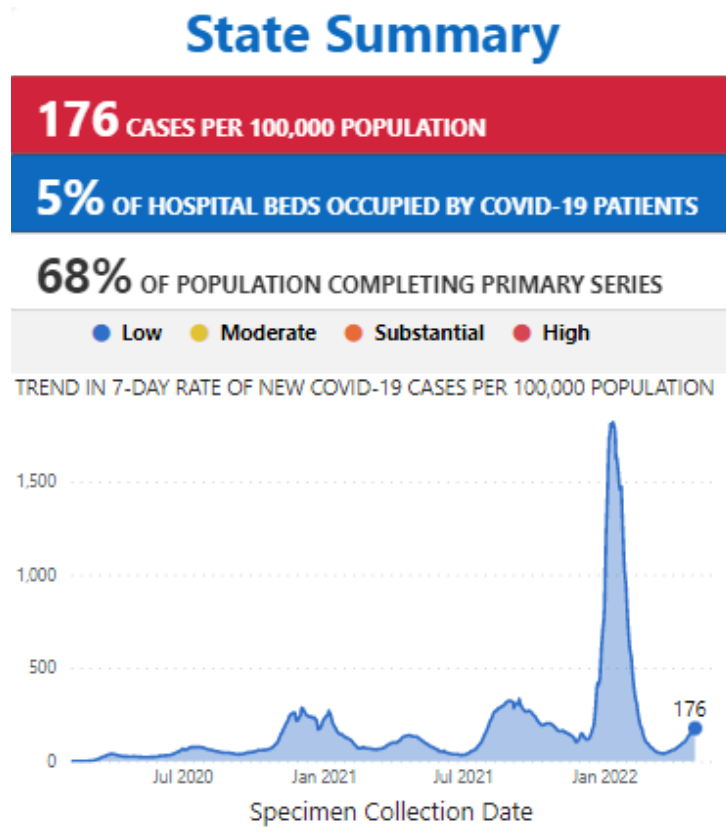
Alan Melnick, MD, MPH, CPH

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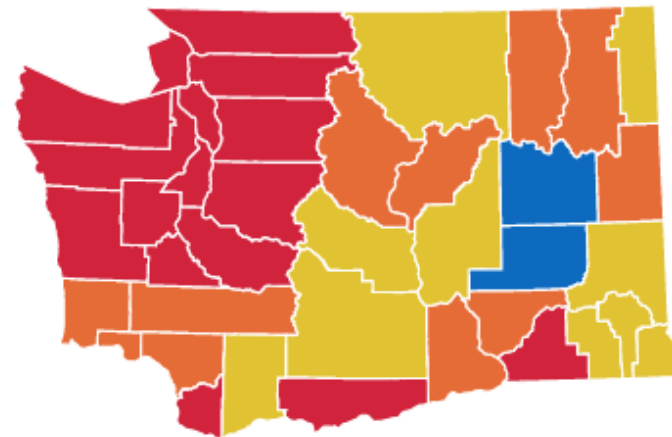
Washington COVID-19 activity

- Statewide COVID-19 case and hospitalization rates are increasing.
 - 7-day case rate through April 30 is 175.7 cases per 100,000 people.
 - One month ago, it was 55.1 per 100,000.
 - 7-day hospitalization rate through April 30 is 4.2 admissions per 100,000.
 - One month ago, it was 2.2 per 100,000.



7-DAY CASE RATE PER 100,000 POPULATION

Measurement Period: 4/23/2022-4/30/2022



Washington COVID-19 activity

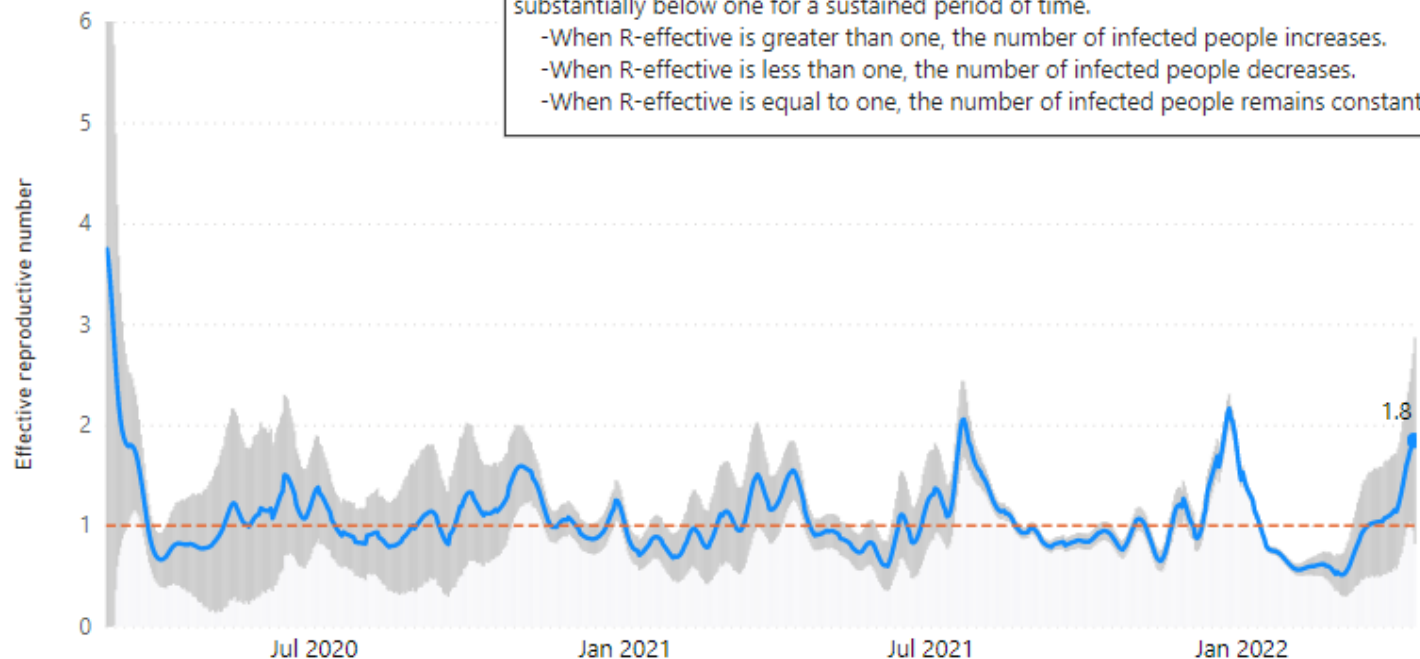
- The statewide reproductive number, which tells us the average number of new people that one person with COVID-19 infects, is up to 1.8.
 - During the omicron peak, the reproductive number reached 2.16.
 - To reduce cases and hospitalizations, the reproductive number needs to be well below 1 for a sustained period of time.

Estimated Disease Transmission on Apr 14, 2022

Best estimate of R-effective	1.84
Lower bound of R-effective estimate	0.82
Upper bound of R-effective estimate	2.86

R-effective over time

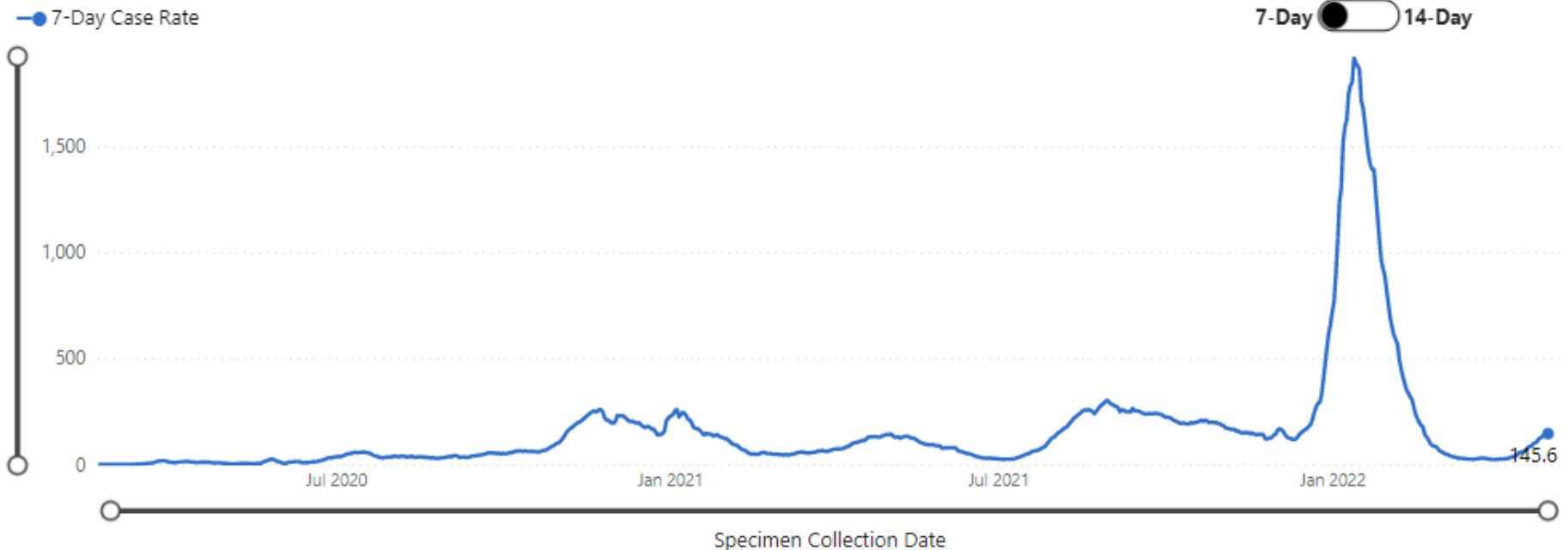
● R-effective Trend ● Confidence Area



Clark County COVID-19 activity

- Clark County COVID-19 case and hospitalization rates are increasing.
 - 7-day case rate through April 30 is 145.6 cases per 100,000 people.
 - One month ago, it was 23.8 per 100,000.
 - 7-day hospitalization rate through April 30 is 5.2 admissions per 100,000.
 - One month ago, it was 1.4 per 100,000.
 - About 9% of hospital beds are occupied by COVID-19 patients.
 - One month ago, it was about 5%.

TREND IN 7-DAY RATE OF NEW COVID-19 CASES PER 100,000 POPULATION



Rates by vaccination status

- State DOH calculates case, hospitalization and death rates by vaccination status using the most recent complete data available.
 - Most recent [report](#) was issued May 4.
- Report compares rates for those who are unvaccinated, partially vaccinated and completed the primary vaccine series.
 - Future reports will include data on boosters.
- Data has consistently shown that case, hospitalization and death rates among all age groups are highest among people who are unvaccinated.

Age group	Case rates (March 30-April 26)	Hospitalization rate (March 23-April 19)
12-34 years	1.5 times higher in unvaccinated	4 times higher in unvaccinated
35-64 years	1.8 times higher in unvaccinated	4.4 times higher in unvaccinated
65+ years	2.7 times higher in unvaccinated	3.4 times higher in unvaccinated

- COVID-19 death rate among people 65 years and older is **4.6 times higher** in the unvaccinated population (March 9-April 5).



BA.2

- We are keeping an eye on the omicron BA.2 subvariant, which is causing case numbers to increase across the US.
- BA.2 accounts for most COVID-19 cases in the US, according to [CDC](#).
 - For the week ending April 30, BA.2 accounted for 98% of cases.
 - The new sublineage BA.2.12.1 accounted for 37% of those cases
 - The previous week, BA.2 accounted for 97% of cases, of which 27% was BA.2.12.1.
- BA.2 also accounts for most cases in Washington, according to [state DOH](#).
 - For the week ending April 23, BA.2 accounted for 99% of cases, of which 4% was BA.2.12.1.
 - Sequencing data is preliminary and may change.



Influenza update



Washington influenza activity

- Washington Department of Health reports increasing flu activity during the most recent week of data (April 24-30).
- 4.1% of influenza tests were positive during the most recent week, up from 3% one month earlier.
 - Influenza A is the predominant strain.
- 2.6% of outpatient visits were for influenza-like illness during the most recent week, above the baseline of 1.8%.
 - That's up from 1.6% one month ago.
 - Influenza-like illness is defined as fever (100 degrees or higher) plus a cough and/or sore throat.
- 13 lab-confirmed influenza deaths reported so far this flu season.
 - 12 deaths in people 65+ years, 1 death 50-64 years old



Clark County influenza activity

- Clark County Public Health monitors influenza activity every influenza season.
- Public Health discontinued monitoring in early February, due to low levels of reported influenza testing.

