

COVID-19 update

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State COVID-19 activity

- COVID-19 cases are at highest levels to date.
 - Upward trends are likely to continue in the coming month due to the delta variant.
- Case rates have increased sharply in most Washington counties.
 - All counties have activity levels deemed substantial or high by CDC.
- Death rates have so far been fairly flat, with some variability.
- Estimates of statewide transmission continues to increase sharply.
 - Estimated reproductive number on Aug. 6 was 1.49 – up from .70 in June.



COVID-19 activity

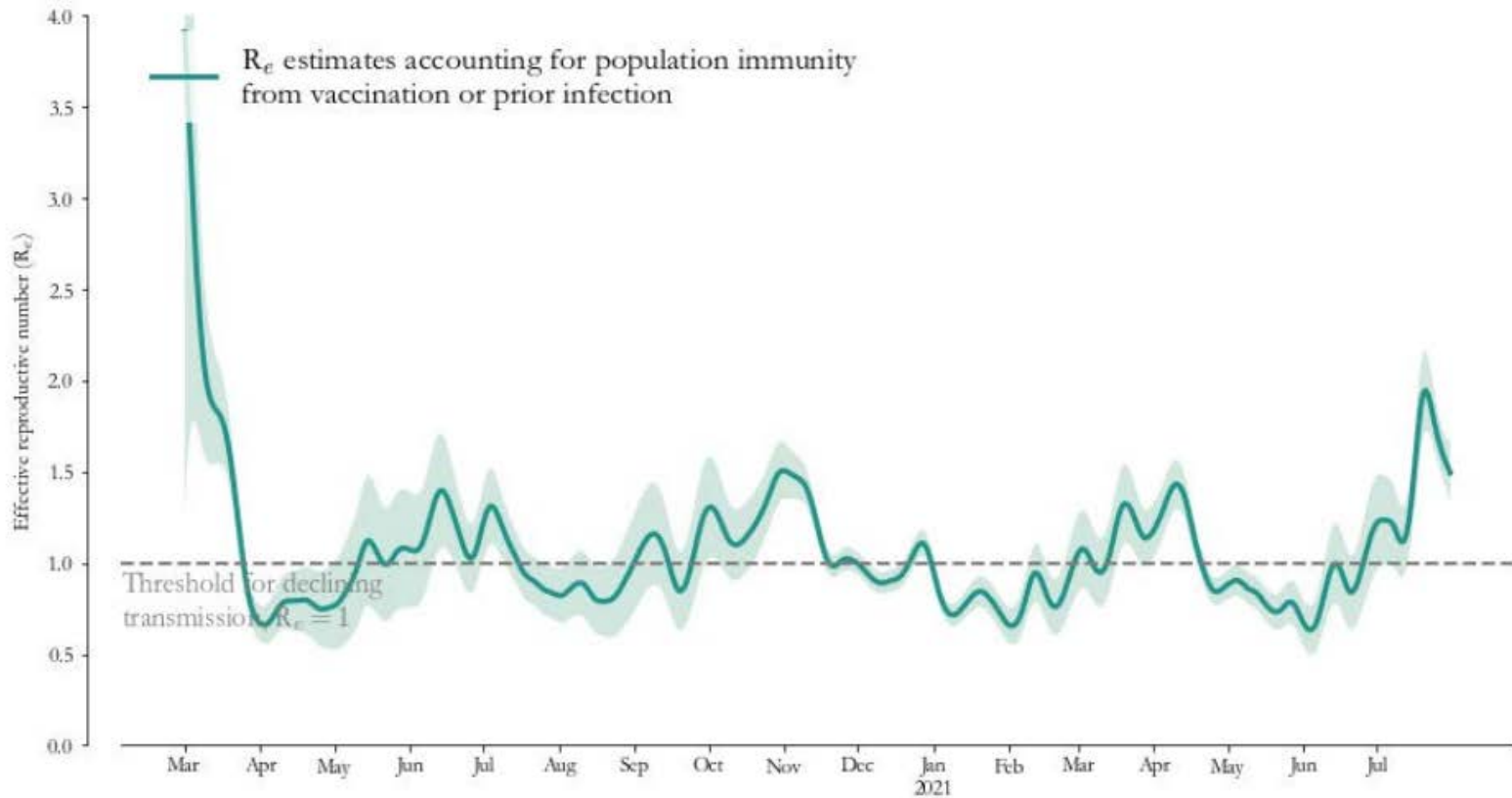


Figure 1: R_e estimates for Washington state. The green line and green-shaded region depict the “total” R_e , which accounts for behavior, variants, and population immunity.



COVID-19 activity

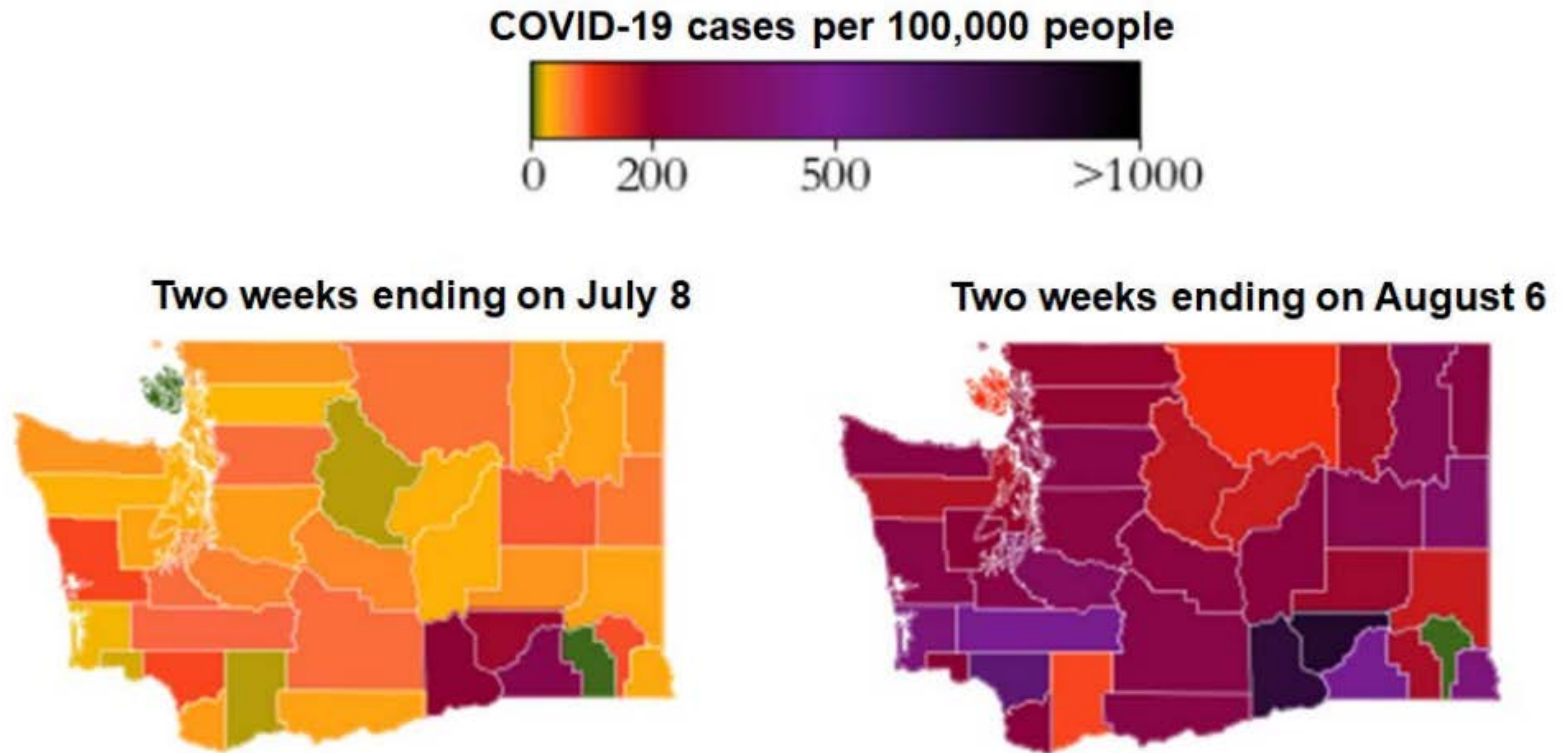


Figure 5b: 14-day COVID-19 case rates (cases per 100,000 people) by county over two time periods, the two-week period ending on July 8 (left), and the two-week period ending on August 6 (right).



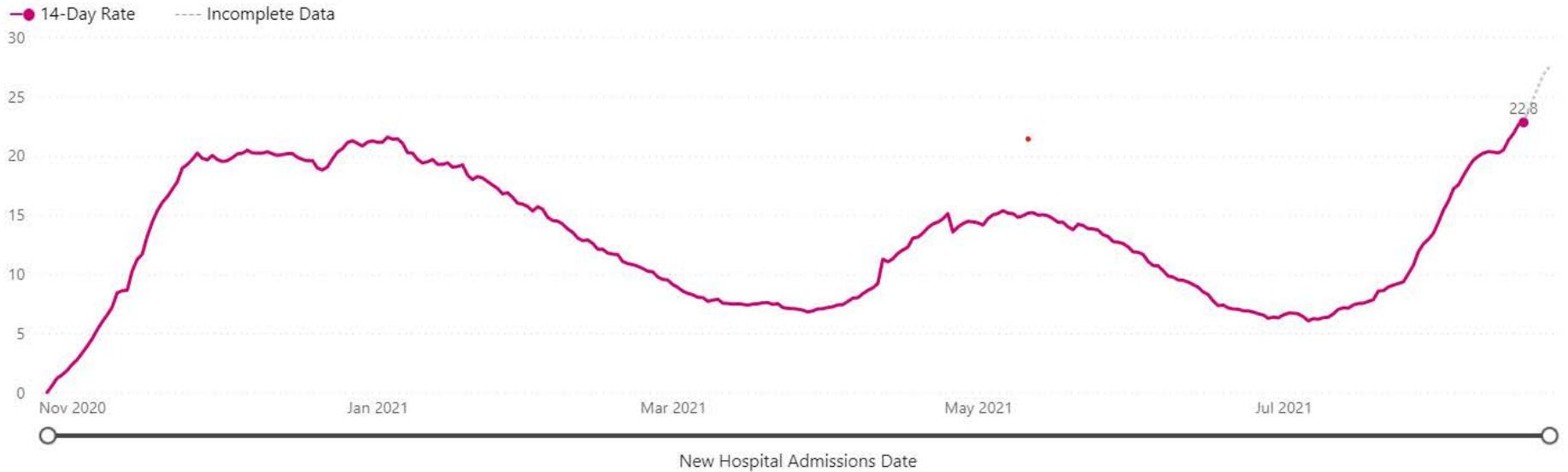
COVID-19 hospitalizations

- Total hospital beds and ICU beds occupied by COVID-19 patients have increased sharply, exceeding the previous highs during the winter.
- COVID-19 vaccines continue to be very effective in preventing hospitalization and death.
- Hospital admission rates overall, and among the unvaccinated, have increased in all age groups, with particularly sharp increases among the unvaccinated.
- The 14-day hospital admission rate in unvaccinated people 16-44 years old is about **10 times higher** than rates in fully vaccinated people in the same age group.
 - Rate in unvaccinated people 45-64 years old is also about **10 times higher** than in fully vaccinated people.
 - And rate is about **six times higher** in the unvaccinated 65+ population.



COVID-19 hospitalizations

TREND IN 14-DAY RATE OF NEW COVID-19 HOSPITAL ADMISSIONS PER 100,000 POPULATION (WA HEALTH)



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New hospital admissions data for the last 6 days may be incomplete. It takes up to 6 days for data collection, quality checks, and reporting.

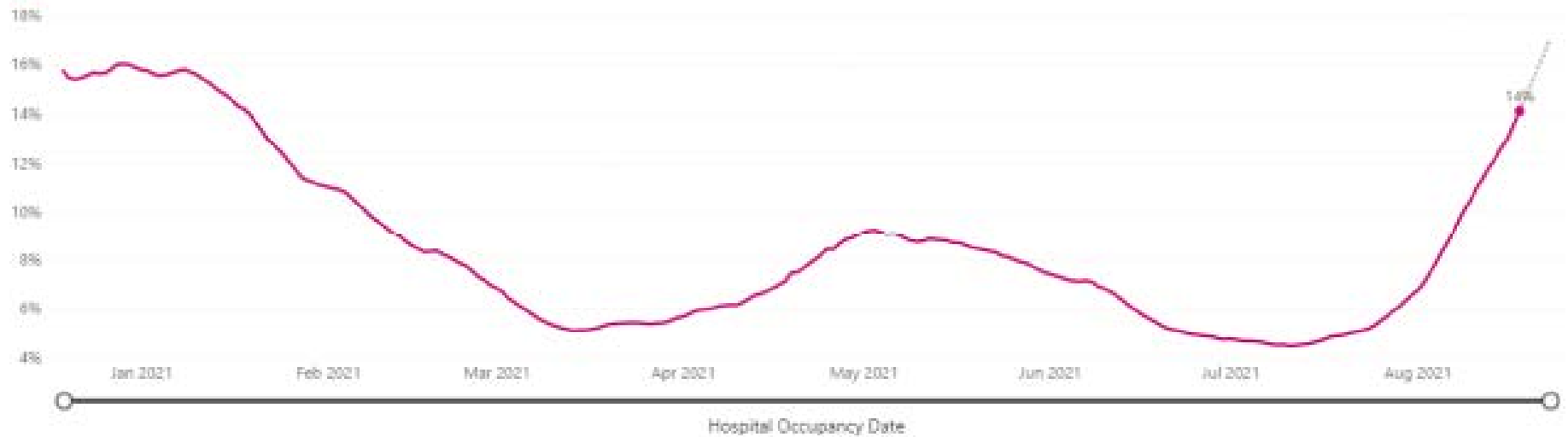


COVID-19 hospitalizations

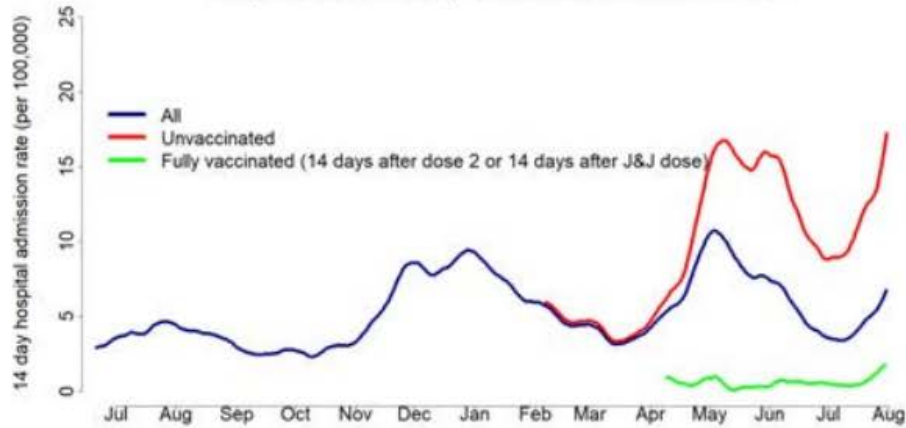
WA HEALTH COVID Bed Occupancy

TREND IN 7-DAY PERCENT OCCUPANCY OF HOSPITAL BEDS BY PATIENTS WITH COVID-19 (WA HEALTH)

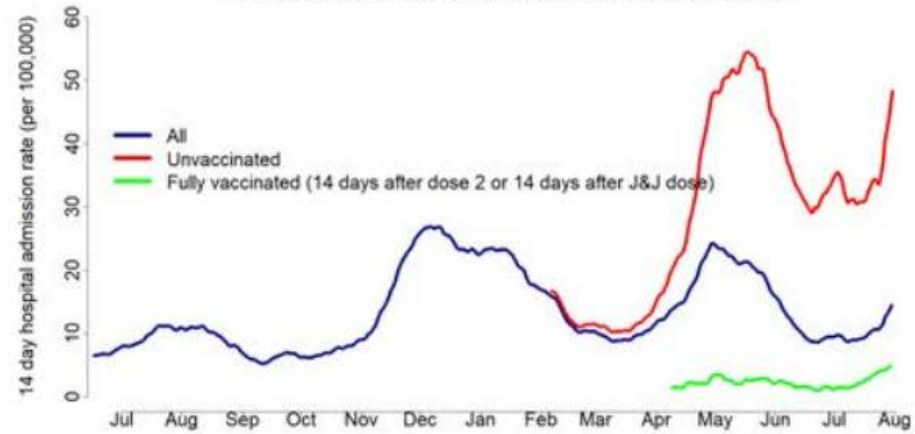
● Average 7-Day Percent — Incomplete Data



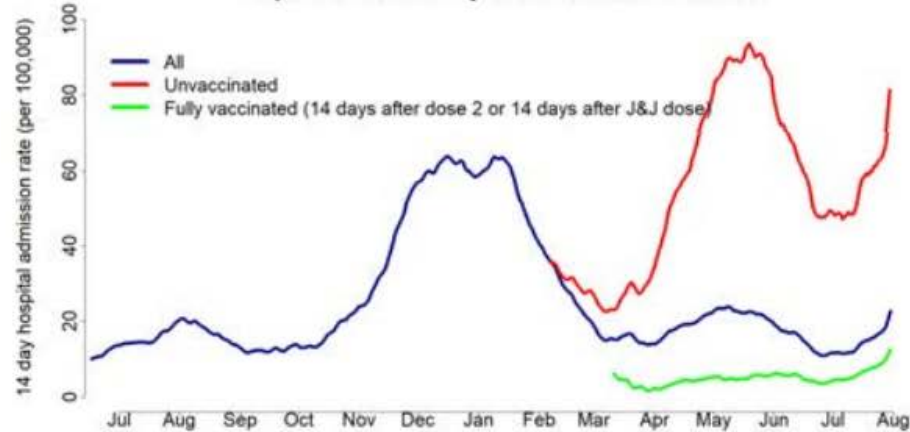
Hospital admission rate by vaccination status in those 16 to 44



Hospital admission rate by vaccination status in those 45 to 64



Hospital admission rate by vaccination status in those 65+



- Hospitalization rates in fully vaccinated (green line) continue to be significantly lower than rates in unvaccinated (red line) in all age groups.



Clark County COVID-19 activity

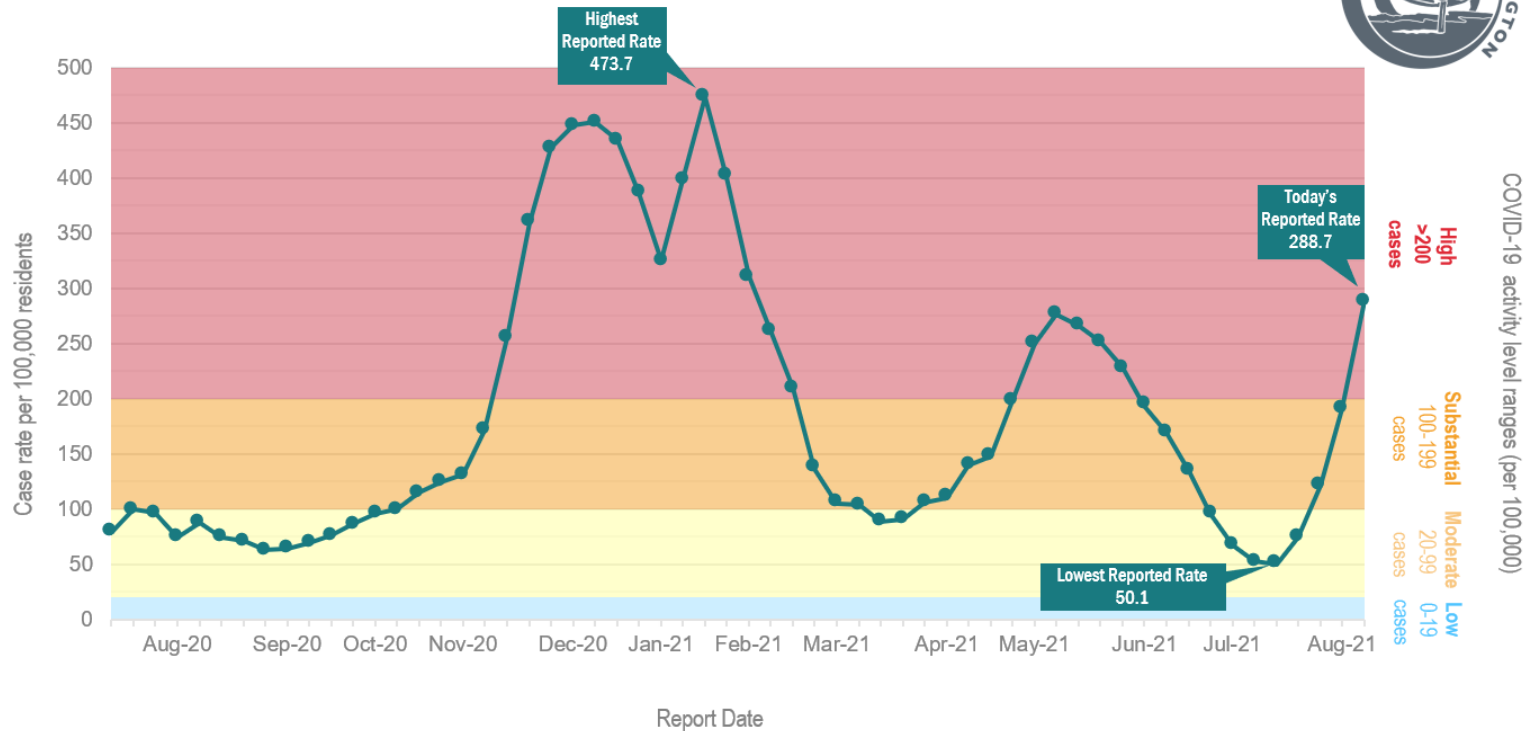
- In Clark County, case numbers are increasing significantly.
 - Last week, we averaged about 167 cases per day.
 - About six weeks ago, we were averaging 21 new cases per day.
- Clark County's COVID-19 activity rate has more than doubled in two weeks and is nearly six times higher than it was in mid-July.
 - Rate last week was 288.7 cases per 100k.
- Case rates are rising in all age groups, with the highest rate among young adults 20-29 years old.
- Case rates among 10-19-year-olds have been increasing for more than a month, with the biggest increase occurring in the last three weeks.
 - Rates for this age group are now nearing the highs during the peak of the pandemic.



COVID-19 activity

COVID-19 ACTIVITY LEVEL

Clark County COVID-19 **case rate per 100,000 residents** for 14-day rolling period*



*The 14-day period starts six days prior to the report date to account for the lag in reporting. Last updated August 14, 2021.

**Starting April 12, 2021, case rate includes probable cases (antigen positive) in addition to confirmed cases (PCR positive) to align with WA State Dept. of Health.



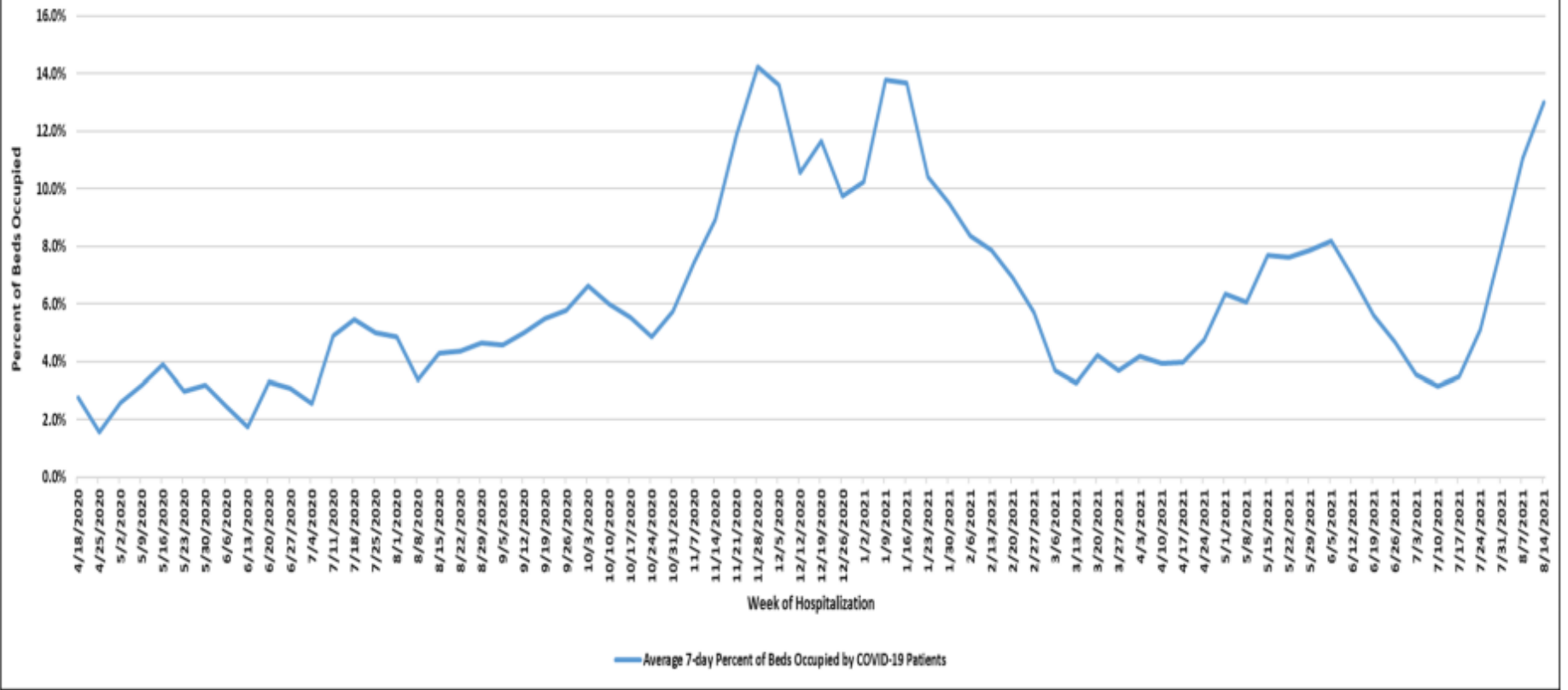
Clark County COVID-19 activity

- Clark County hospitalization rates are also increasing and are now nearing the highs reached during the peak of the pandemic in December and January.
 - Nearly 16% of Clark County hospital beds are occupied by people with COVID-19.
- Low vaccination rates, more contagious variants, and increased group interactions are contributing to the rise in cases, which are largely occurring among residents who remain unvaccinated against COVID-19.
 - Nearly 94% of cases statewide through Aug. 10 were not fully vaccinated.
 - In Clark County, about 94% of cases through July were not fully vaccinated, according to DOH data.



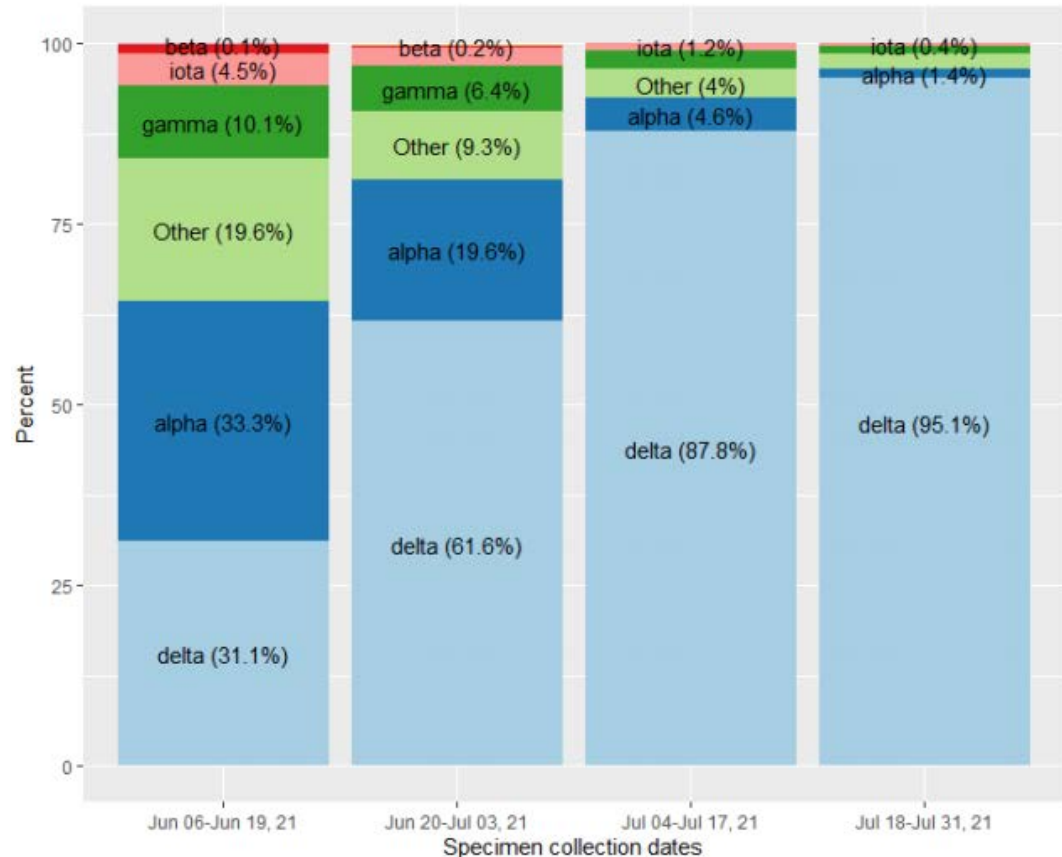
Clark COVID-19 Hospital Beds Occupied

Average 7-day Percent of Beds Occupied by COVID-19 Patients for Legacy Salmon Creek & PeaceHealth Southwest Medical Center in Clark County, WA from 04/18/2020 thru 08/14/2021



Washington variant prevalence

- Highly contagious delta variant continues to drive up COVID-19 case numbers in the state.
- About 95% of sequenced cases were attributed to the delta variant.
- State model-based projections estimate that 98% of cases may be attributable to the delta variant, as of July 31.



State mask mandate

- The statewide mask mandate that required people who are not fully vaccinated to wear face coverings in indoor public places has been expanded.
- Everyone, regardless of vaccination status, is now required to wear face coverings in indoor public places.
 - Face coverings are strongly recommended in crowded outdoor settings, like fairs, concerts and markets.
- Mandate applies to nearly all public places, including restaurants, grocery stores, shopping malls and public-facing offices, regardless of vaccination status.
- Some limited exceptions when face coverings won't be required.
 - Office spaces not easily accessible to the public where individuals are vaccinated, and when working alone indoors or in a vehicle with no public face-to-face interaction.



COVID-19 vaccine administered

- Clark County residents continue to get vaccinated against COVID-19, but rates have slowed considerably.

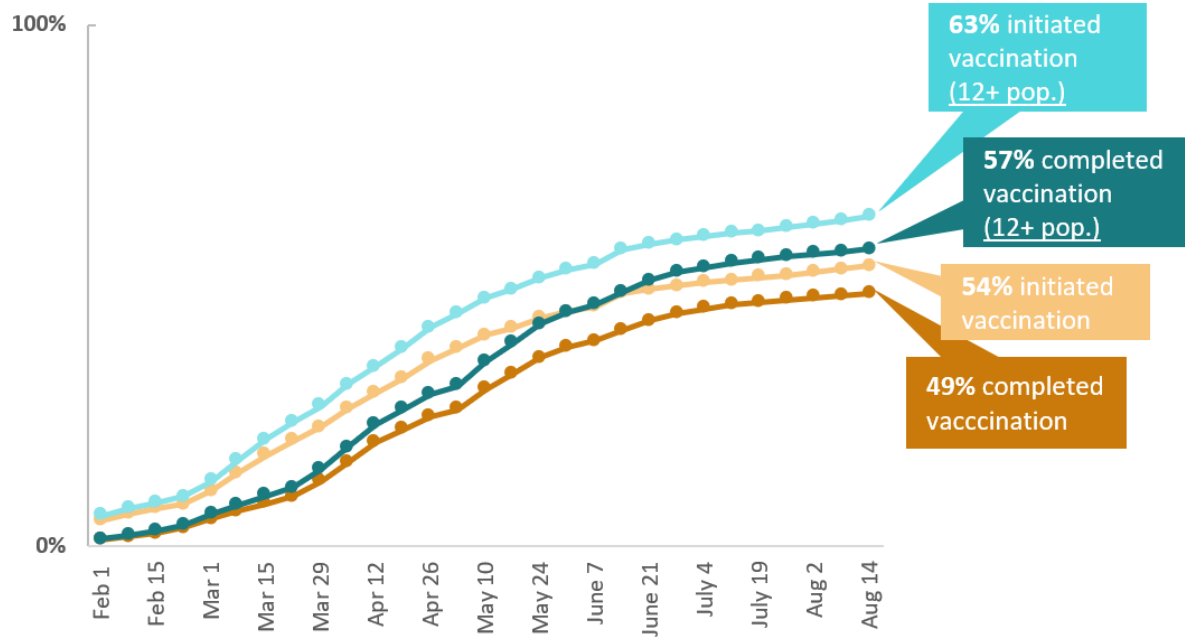
As of August 14, 2021

490,140 doses of COVID-19 vaccine have been administered in Clark County.

269,131 people in Clark County have *initiated vaccination.

242,393 people in Clark County have completed vaccination.

Percent of the Clark County population that have *initiated and completed vaccination against COVID-19



*People initiating vaccination represent the total number of people who have received at least one dose of any type of COVID-19 vaccine. People who are fully vaccinated represent the number of people who have received a second dose of a two-dose vaccine or one dose of a single-shot vaccine. Individuals who are fully vaccinated are included in the count of both people initiating vaccination and people fully vaccinated.

Third doses for immunocompromised

- People with moderately or severely compromised immune systems are now eligible to get a third dose of mRNA vaccine.
 - e.g. organ transplant recipients, people receiving active cancer treatment for cancers of the blood or active treatment with high-dose corticosteroids or other drugs that suppress immune response.
- People should talk to their healthcare provider about their medical condition and whether getting an additional dose is appropriate for them.
- They should receive the same vaccine as the first two doses but may receive the other mRNA vaccine if the original vaccine is not available.
- At this time, no additional dose is recommended for people who had the Johnson & Johnson (Janssen) vaccine.
 - People who received J&J should not get a second dose of either J&J or a dose of an mRNA vaccine.



Booster doses

- The COVID-19 vaccines continue to be very effective in reducing risk of severe disease, but data shows that protection begins to decrease over time following the initial doses of vaccination.
- The CDC and Health and Human Services announced they are planning to begin administration of Pfizer and Moderna booster doses in late September.
 - Third doses would be administered 8 months after second doses.
 - People who were fully vaccinated earliest in the vaccination rollout, including many health care providers, nursing home residents, and other seniors, would be eligible for boosters first.
 - The plan is still pending FDA approval and ACIP recommendation.
- Booster doses are likely going to be needed for people who received Johnson & Johnson vaccine, but a timeline is not yet available.
 - The J&J vaccine became available in March, several months later than the Pfizer and Moderna vaccines.

