

# COVID-19 update

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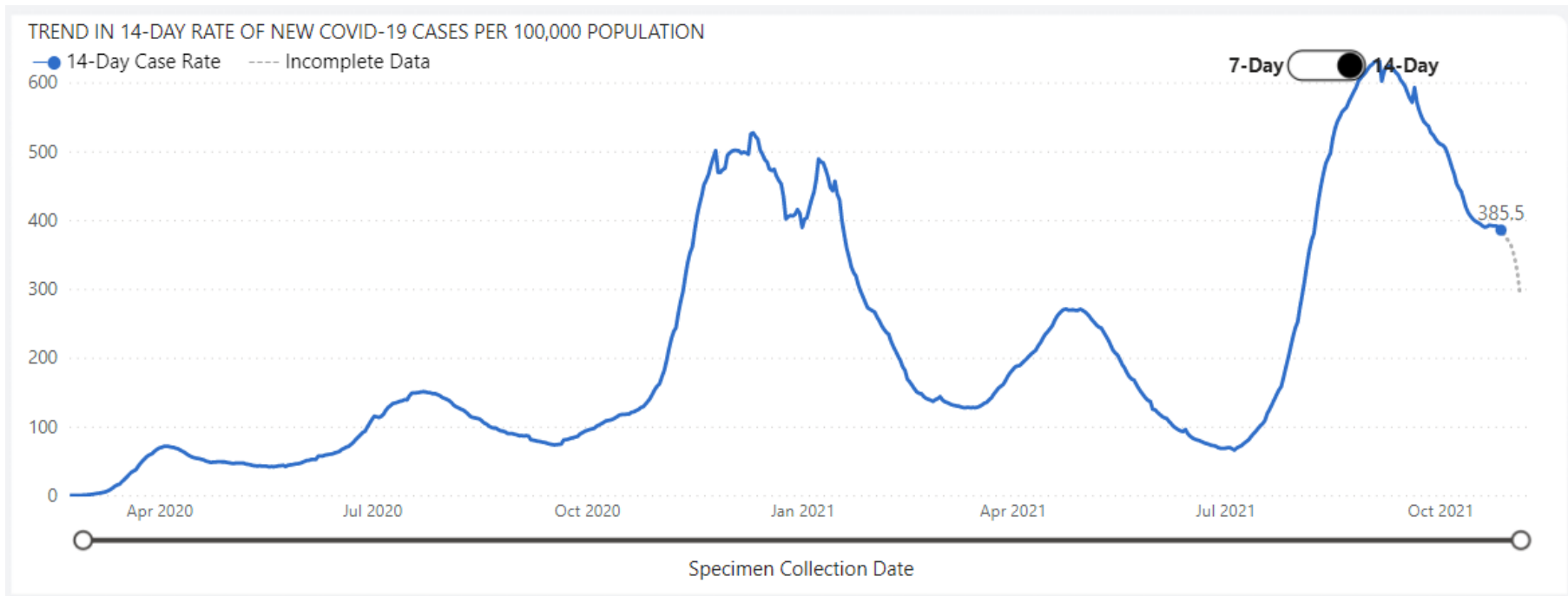
Alan Melnick, MD, MPH, CPH

Nov. 10, 2021



# Washington COVID-19 activity

- State rates for COVID-19 cases and hospitalizations are plateauing at high rates.
  - Current hospitalization rate is similar to rates during winter peak.
- State COVID-19 death rate is decreasing.



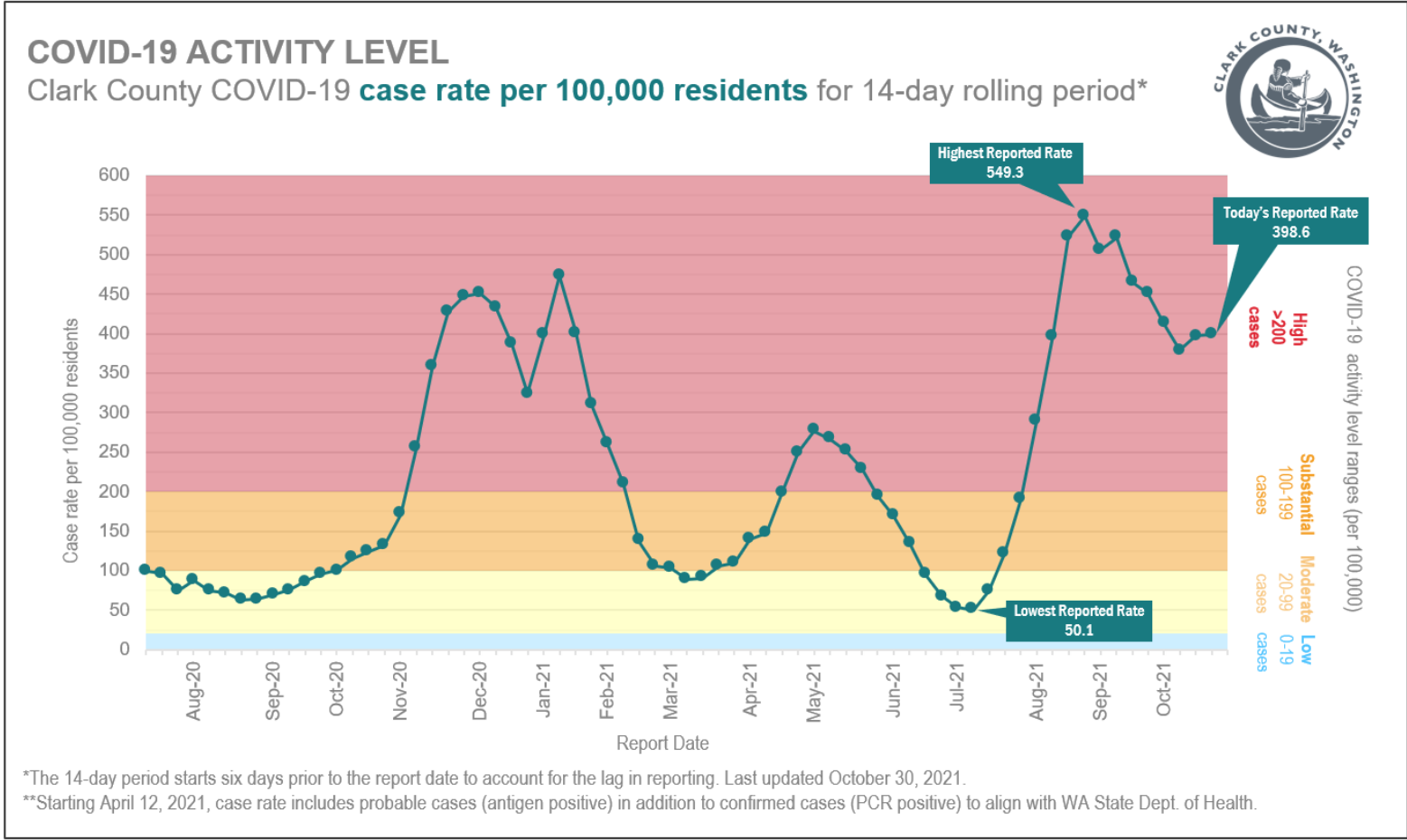
# Clark County COVID-19 activity

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- COVID-19 activity in Clark County is plateauing at a high rate – about 400 cases per 100,000 people over 14 days.
- Hospitalizations are slowly decreasing but remain similar to rates during winter.
  - Hospital beds about 96% occupied and ICU beds about 94% occupied.
  - 14% of beds and 27% of ICU beds are occupied by COVID-19 cases.
- COVID-19 deaths are beginning to decrease after significant increase late this summer.



# Clark County COVID-19 activity



# COVID-19 vaccination

- COVID-19 vaccination still increasing slowly statewide and locally.
  - Statewide: 71% of residents 12+ years old are fully vaccinated
  - Clark County: 65% of residents 12+ years old are fully vaccinated

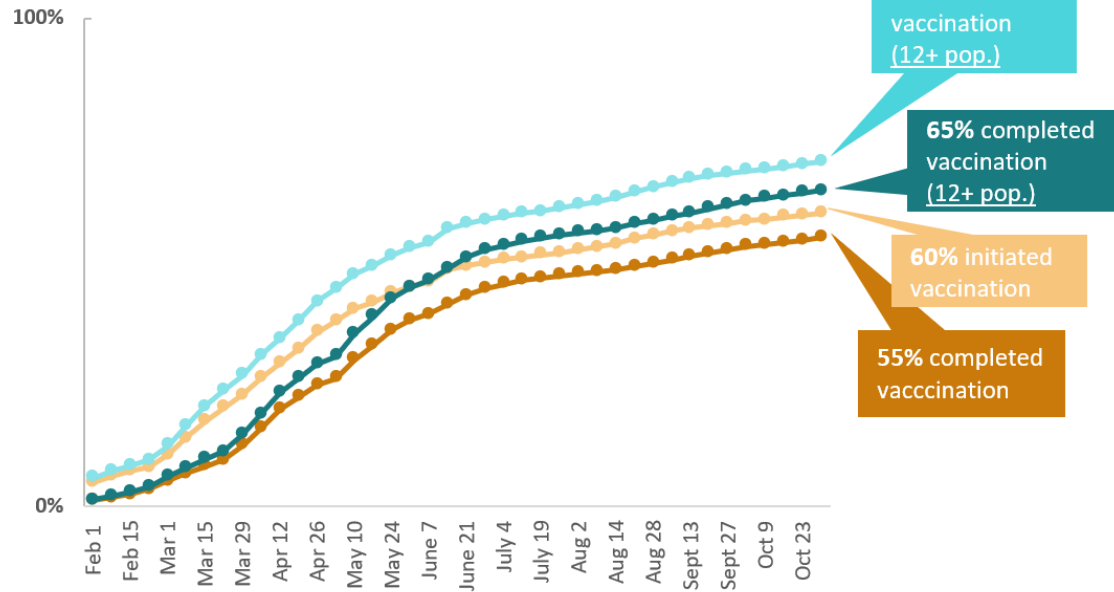
**As of Nov. 1, 2021**

**588,528** doses of COVID-19 vaccine have been administered in Clark County.

**299,985** people in Clark County have \*initiated vaccination.

**275,016** 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.*



# Clark County cases by vaccination status

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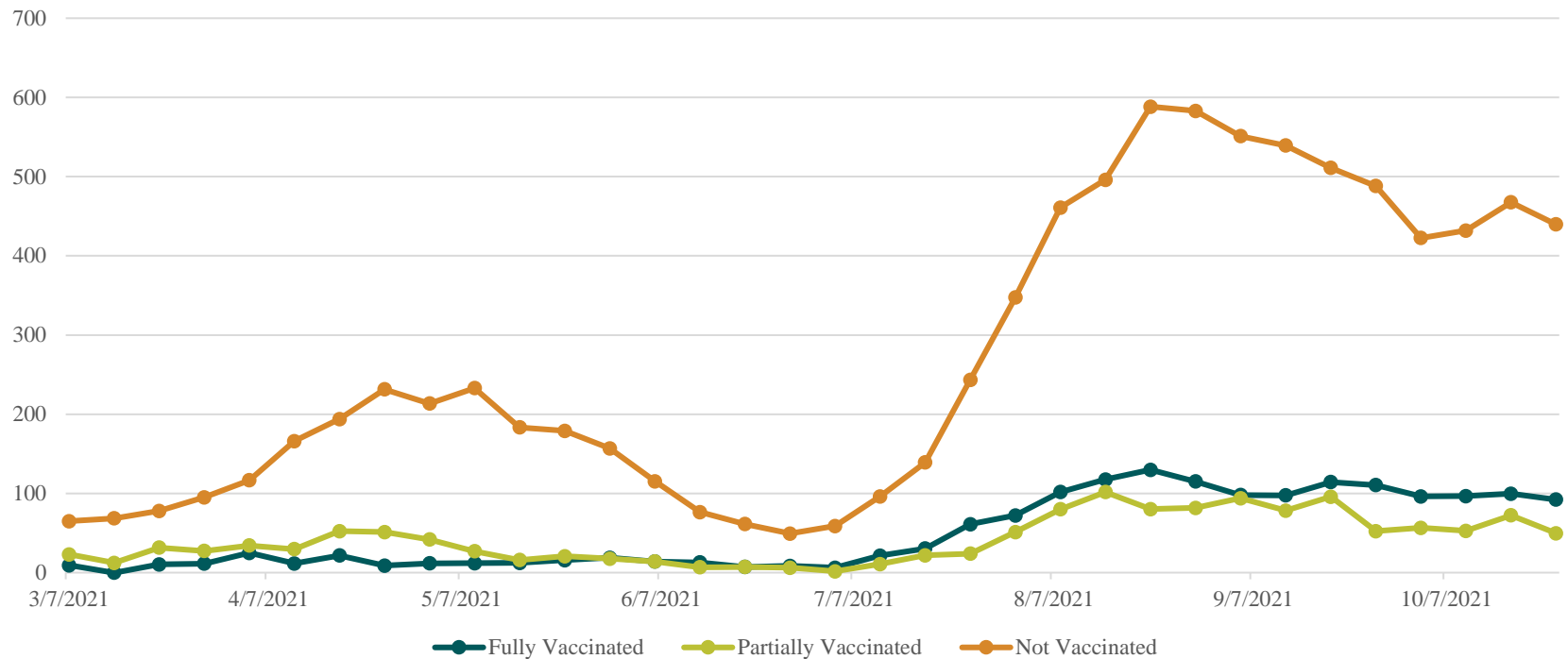
- Clark County data through late-October shows rates of COVID-19 infection, hospitalization and death continue to be highest among those who are unvaccinated.
- As a reminder:
  - **Fully vaccinated** = two weeks have passed since completing the vaccination series (two doses of Pfizer or Moderna; one dose of Johnson & Johnson)
  - **Partially vaccinated** = received only one dose of a two-dose series or completed vaccination less than two weeks earlier
  - **Unvaccinated** = have not received any doses of COVID-19 vaccine



# Clark County cases by vaccination status

- During the most recent week of complete data, the rate for unvaccinated cases was nearly **5 times higher** than fully vaccinated cases.

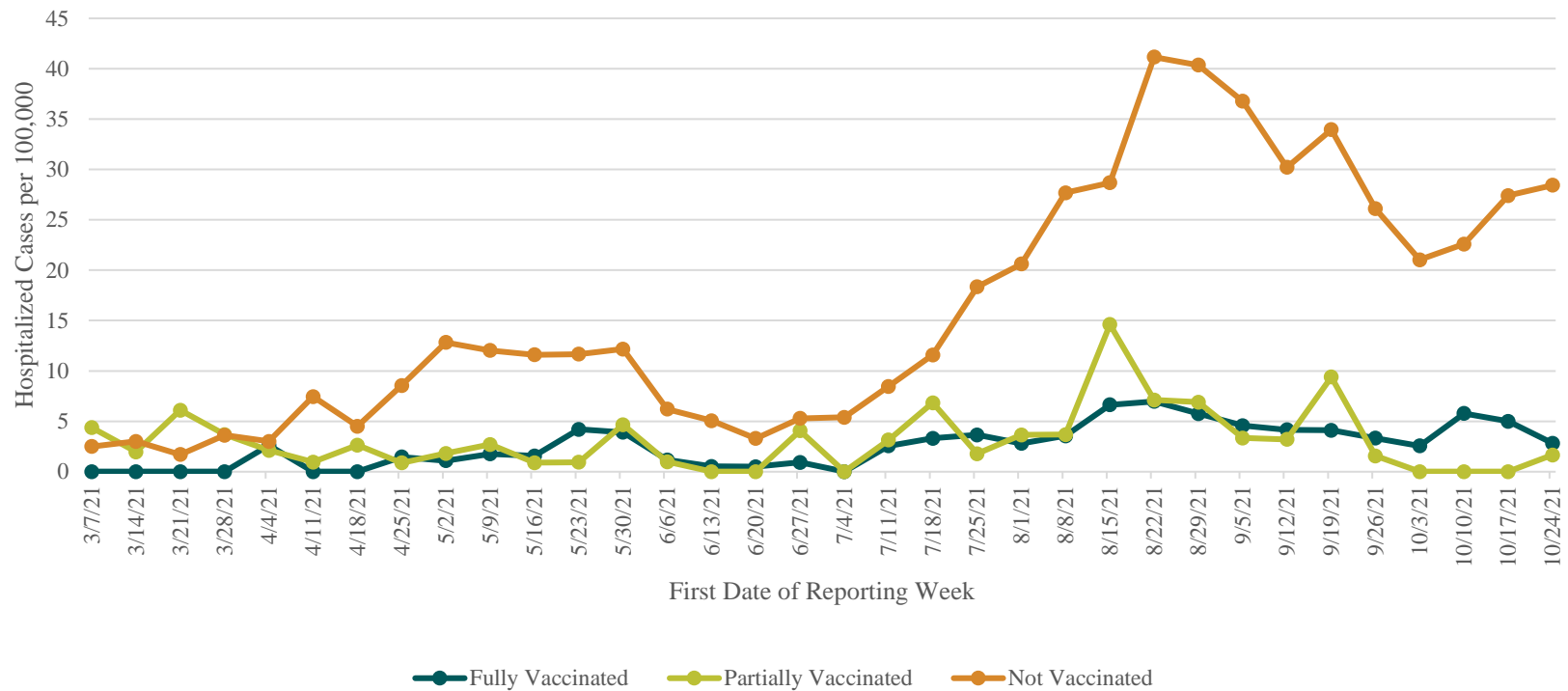
Clark County COVID-19 Case Rates by Vaccination Status (2021)



# Clark County hospitalizations by vaccination status

- During the most recent week of complete data, the rate for unvaccinated hospitalizations was **10 times higher** than fully vaccinated.

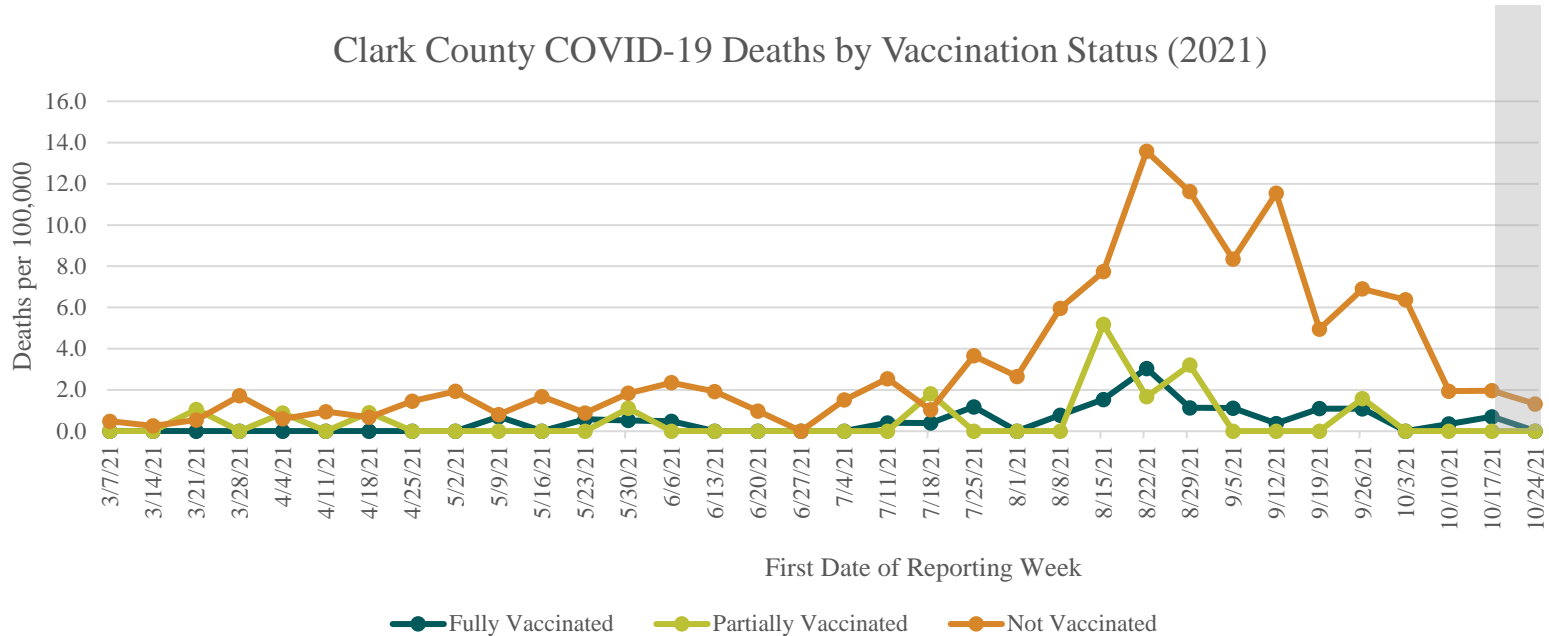
Clark County COVID-19 Hospitalizations by Vaccination Status (2021)





# Clark County COVID-19 deaths by vaccination status

- During the most recent week of complete data, the rate for unvaccinated deaths was nearly **5 times higher** than fully vaccinated.
  - Death reporting is delayed about 10-12 days until death certificate is recorded by DOH; data for previous 32 days is considered incomplete.



# COVID-19 and youth

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- Fewer cases of COVID-19 have been reported in children (ages 0-17) compared with adults, but children can get sick from COVID-19 and can spread COVID-19 to others.
- According to [CDC data](#), nationwide since the pandemic began:
  - **5.7 million youth** have been infected with COVID-19
  - **66,000 youth** have been hospitalized
  - **680 youth** have died (206 deaths ages 0-4; 474 deaths ages 5-18)
    - Death data is incomplete due to lag between when deaths occurred and when death certificates are completed and processed.
- Weekly COVID-19 hospitalization rates among youth (0-17 years) were [nearly 5x higher](#) in mid-August, as prevalence of delta variant increased, compared to late-June.
  - Hospitalization rates were 10x higher among unvaccinated than fully vaccinated adolescents (ages 12-17).
- COVID-19 was among the top 7 causes of death for children 1-14 years old in August and September.



# COVID-19 and youth

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- Children with underlying medical conditions are at increased risk for severe illness compared to children without underlying medical conditions.
  - But otherwise healthy children can also develop severe illness.
- A [study of hospitalizations](#) among adolescents earlier this year showed that **30% were among kids without underlying conditions.**
  - Among those with underlying conditions, the most common were obesity and asthma.
- The study also showed that among adolescents hospitalized for COVID-19, **31% were admitted to the ICU and 5% required mechanical ventilation.**
- We also don't yet know the long-term health impacts of COVID-19 on kids.
- Some children who have had COVID-19 may later develop Multisystem Inflammatory Syndrome in Children (MIS-C), a rare but serious condition associated with COVID-19.
  - As of Nov. 1, there have been **5,526 MIS-C cases** and **48 deaths.**
  - Median age of cases is 9 years, and half of cases were between 5 and 13 years old.



# COVID-19 and youth

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- In Washington, since the pandemic began:
  - **149,000 youth** (0-19 years) have been diagnosed with COVID-19
  - **1,000 youth** have been hospitalized
  - **16 youth** have died

	Ages 0-11	Ages 12-19
<b>Cases</b>	70,866	78,147
<b>Hospitalizations</b>	455	529
<b>Deaths</b>	4	12

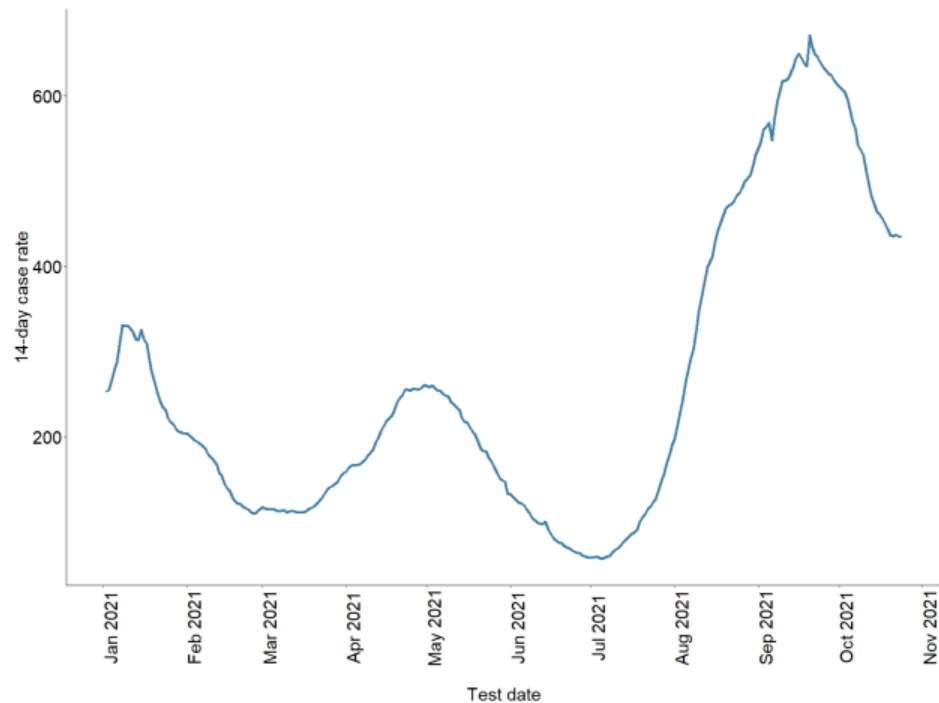
- Through September, there have been 71 cases of MIS-C in Washington children, including 1 case in Clark County.
  - No MIS-C deaths in Washington through September.



# COVID-19 and youth

- COVID-19 case rate among children and youth (ages 0-19) in Washington increased in late summer.
  - Case rates among all age groups increased as delta variant become more prevalent.
  - Students returned to in-person learning and extracurriculars.

**14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state, January 1 to Oct 24, 2021**



# COVID-19 and youth

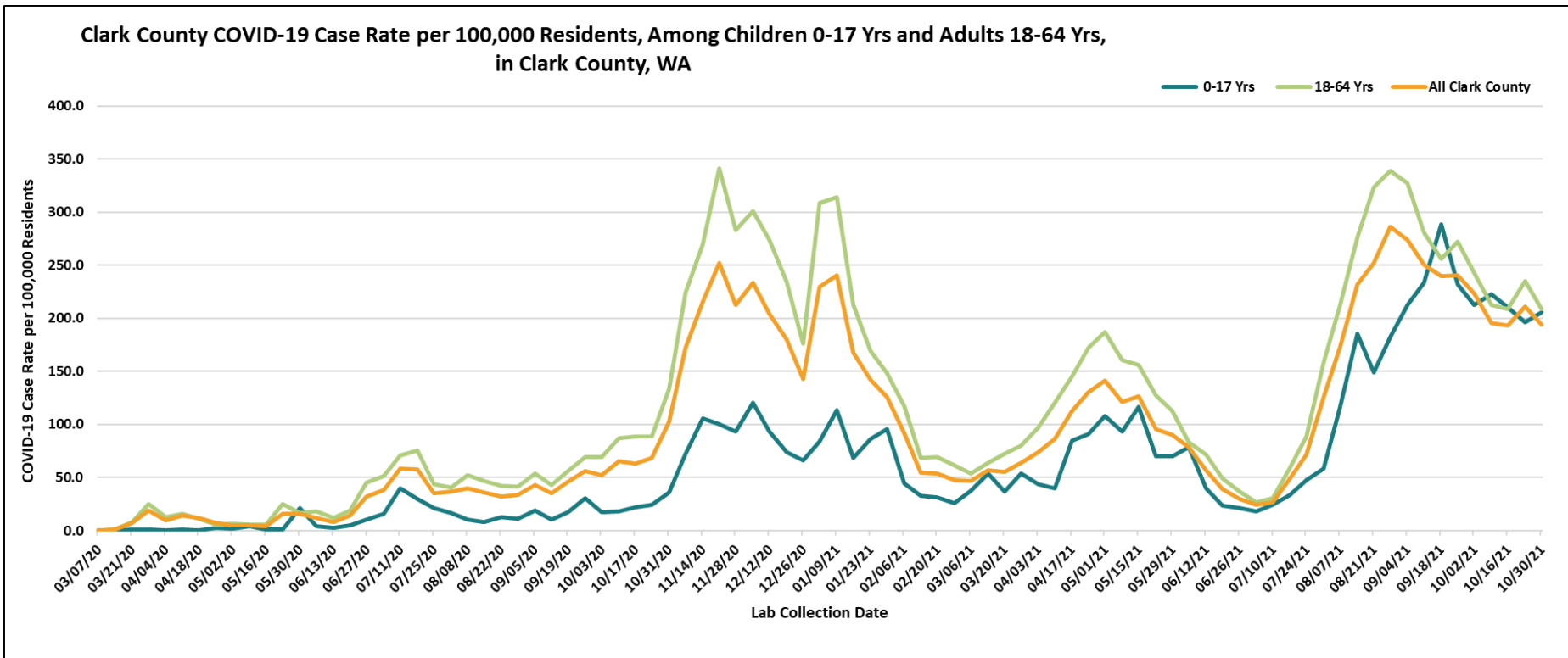
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- In Clark County, since the pandemic began:
  - about **7,900 youth** (0-19 years) have been diagnosed with COVID-19
  - At least **27 youth** (0-17 years) have been hospitalized
    - Youth hospitalizations data may not include all Clark County children hospitalized in Oregon.
  - No youth have died



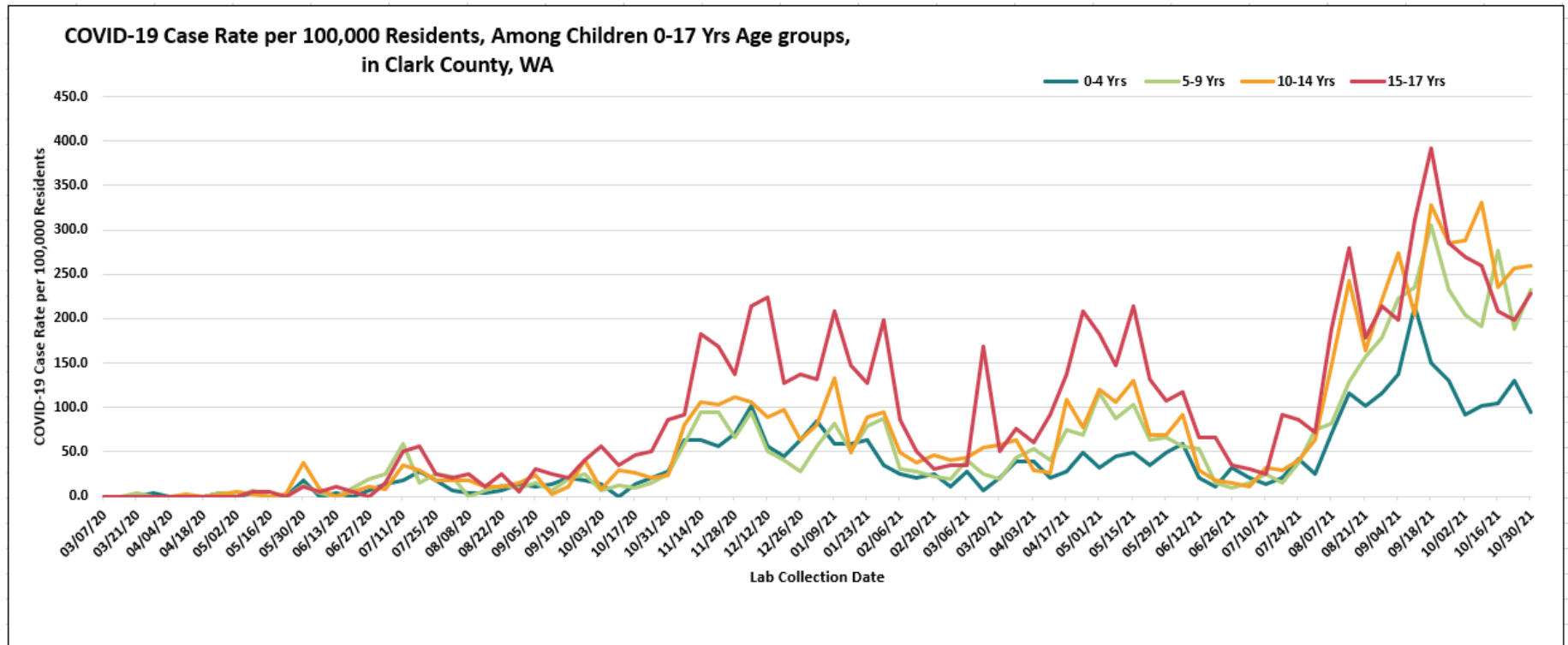
# COVID-19 and youth

- COVID-19 case rates in Clark County have historically been higher among adults (18-64 years) than youth (0-17 years).
  - In recent weeks, rates among youth have been comparable to adults.



# COVID-19 and youth

- COVID-19 case rates among Clark County youth are highest among school-age kids.





# COVID-19 vaccine for children

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- Pfizer vaccine is now available for children 5-11 years old.
  - Administered as a two-dose series (3 weeks apart)
  - Dose is 1/3 of the dose administered to people 12 and older
- Based on recent case incidence, the CDC estimates that for every 500,000 fully vaccinated kids 5-11 years old, we could prevent:
  - 58,204 cases of COVID-19
  - 226 hospitalizations
  - 72 ICU admissions
- Parents can check with their child's primary care provider or local pharmacies for vaccine appointments.
  - All of the large medical providers and many smaller pediatric offices in Clark County will be offering pediatric COVID-19 vaccine.



# Vaccine booster planning

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- Public Health has spent the last several months working with local partners and the state Department of Health on plans to ensure our community has access to COVID-19 booster doses.
- Public Health has limited staff capacity to provide COVID-19 vaccine boosters and is focusing resources on helping high risk groups and individuals with difficulty accessing vaccine through the health care system.
  - Including residents of adult family homes and long-term care facilities, homebound residents, and people who are unhoused.
- Public Health will continue to work with our local and state partners to increase access for other underserved populations.



# Vaccine booster planning

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- Public Health is now set up as a COVID-19 vaccine depot, which will improve vaccine access for smaller providers.
  - Public Health stores COVID-19 vaccine and can transfer smaller amounts of vaccine to providers, such as home health agencies and smaller medical practices.
- Public Health is also using vaccine from the depot to deploy mobile vaccination teams to adult family homes, other long-term care facilities and residences of people who are homebound.
  - Teams will administer booster doses to those who are eligible and will also provide first or second doses.
- Six to eight teams of Medical Reserve Corps volunteers will deploy twice per week.



# Mobile vaccination teams

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- First mobile teams of MRC volunteers deployed on Tuesday.
  - 14 volunteers on 7 teams
  - 33 adult family homes
  - 160 doses of vaccine (Moderna and Pfizer) administered



# Flu activity and vaccination

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- Flu activity is currently very low in Clark County, Washington state and nationally.
- Getting vaccinated now ensures protection when flu activity picks up and will provide protection throughout flu season.
- Flu vaccines are safe and recommended for everyone 6 months and older every year.
  - Flu vaccines are available at medical clinics and pharmacies across Clark County.
  - Search for locations at [www.VaccineFinder.org](http://www.VaccineFinder.org)
- People who are not yet vaccinated against COVID-19 – or those who are eligible for a booster dose – can safely get flu and COVID-19 vaccines at the same time.

