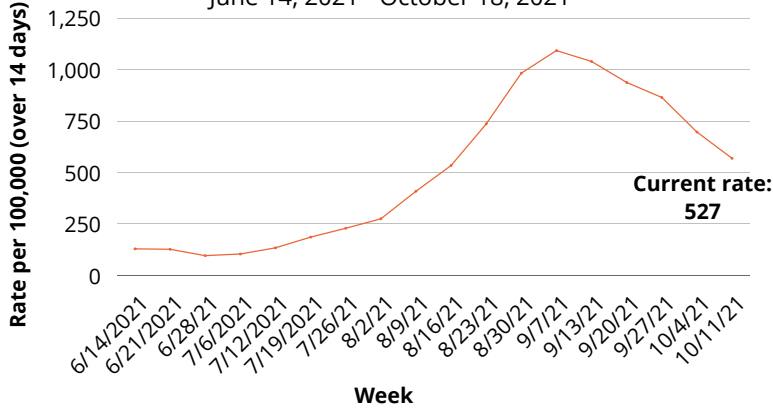


Yakima County COVID-19 Trends

October 18, 2021

COVID-19 Cases

Figure 1. COVID-19 case rate by week, June 14, 2021 - October 18, 2021

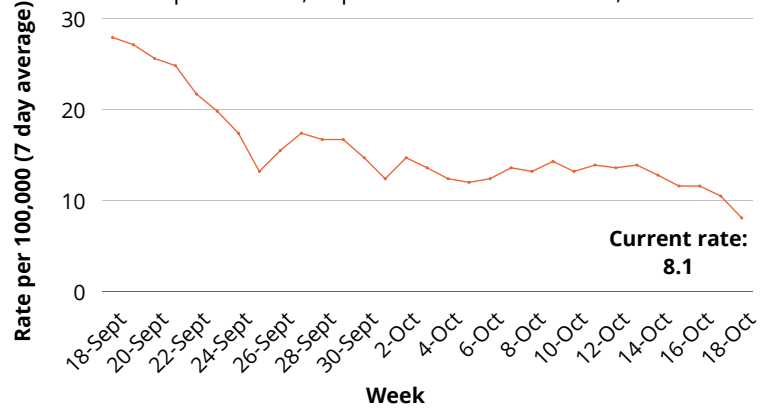


Summary

Yakima County continues to experience a high level of community transmission with case rates slightly decreasing. COVID-19 cases are currently highest among individuals between 50 and 64 years old.

COVID-19 Hospitalizations

Figure 2. COVID-19 Hospitalization rate, 7-day average for past month, September 18 - October 18, 2021

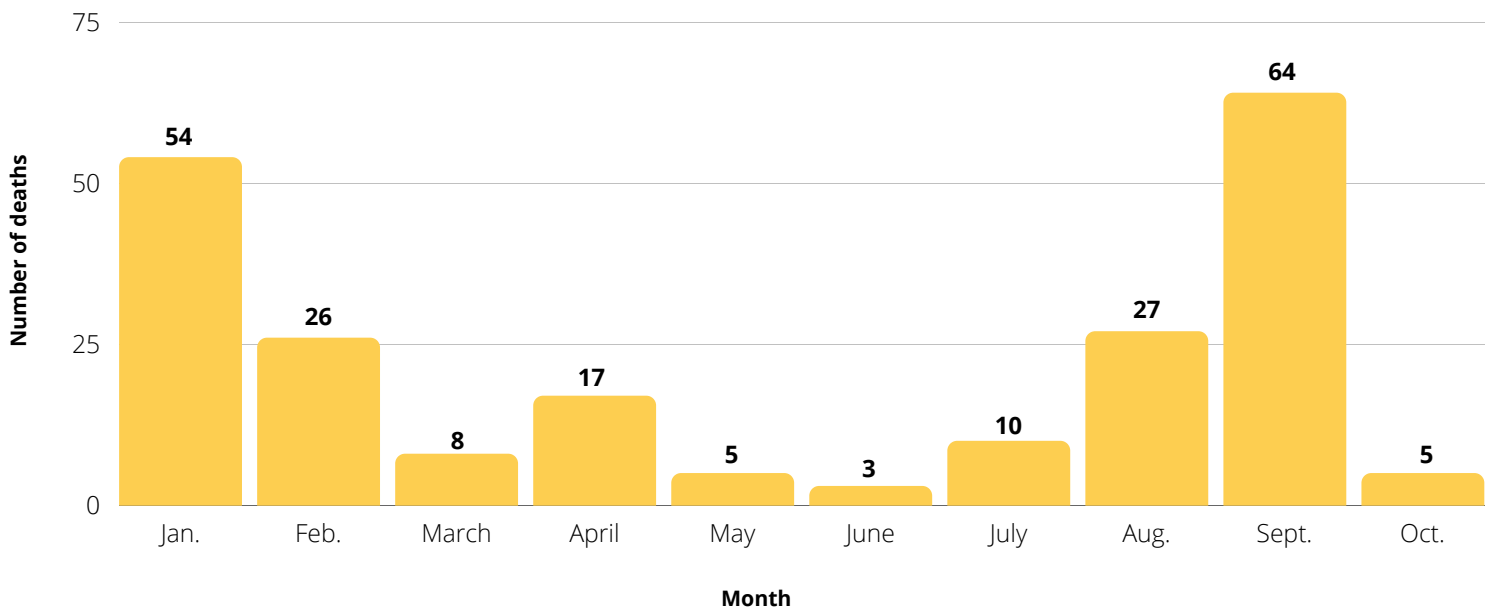


Summary

The COVID-19 hospitalization rate continues to decrease. Nevertheless, hospitalizations are expected to remain high given the current level of transmission. Similar to COVID-19 cases, the highest number of hospitalizations is currently among the 50-64 age group.

COVID-19 Deaths

Figure 3. Total COVID-19 deaths by month, January - October 11 2021



Summary:

A total of 64 COVID-19 deaths were reported in September, which has been the highest number of deaths reported in a month since January 2021. The majority of deaths in September were among the 65-79 age group followed by the 50-64 age group. Since the beginning of October, COVID-19 deaths appear to be decreasing.



Yakima County COVID-19 Trends

October 18, 2021

COVID-19 Breakthrough Cases

Figure 4. COVID-19 cases by vaccination status, January - October 18, 2021

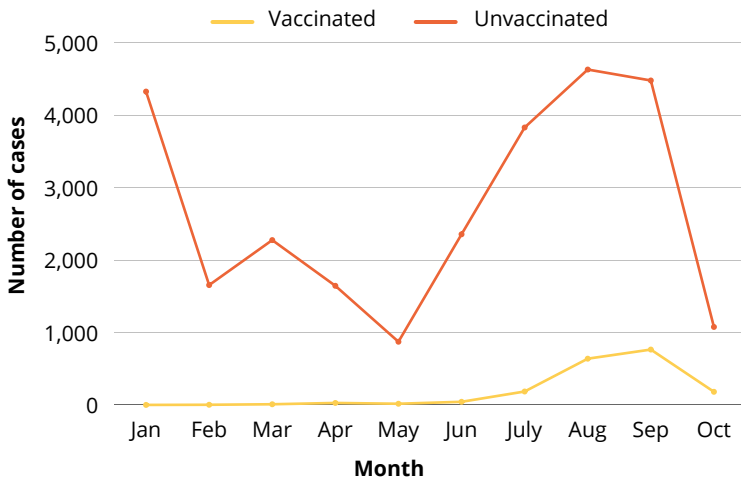


Table 1. COVID-19 cases by vaccination status, January 1 - October 18, 2021

Month	Vaccinated	Unvaccinated	Total
January	1 (100%)	4,326 (99.98%)	4,327 (100%)
February	3 (100%)	1,655 (99.82%)	1,658 (100%)
March	10 (100%)	2,276 (100%)	2,286 (100%)
April	28 (2%)	1,645 (98%)	1,673 (100%)
May	17 (2%)	873 (98%)	890 (100%)
June	44 (2%)	2,356 (98%)	2,400 (100%)
July	186 (5%)	3,830 (95%)	4,016 (100%)
August	639 (12%)	4,630 (88%)	5,269 (100%)
September	765 (15%)	4,479 (85%)	5,244 (100%)
October	182 (14%)	1,077 (86%)	1,259 (100%)

Cumulative Summary

From January 1 to October 18, there have been 1,904 breakthrough cases out of a total of 29,269 COVID-19 cases. The largest proportion of breakthroughs remain among the 40-49 age group. Overall, COVID-19 cases continue to be much more common in unvaccinated individuals than in fully vaccinated individuals. Vaccination combined with other preventative measures, such as face masks and social distancing, continues to be the most effective way to reduce the risk of COVID-19 infection.

COVID-19 Breakthrough Hospitalizations

Figure 5. COVID-19 hospitalizations by COVID-19 Vaccination Status, February - October 18, 2021

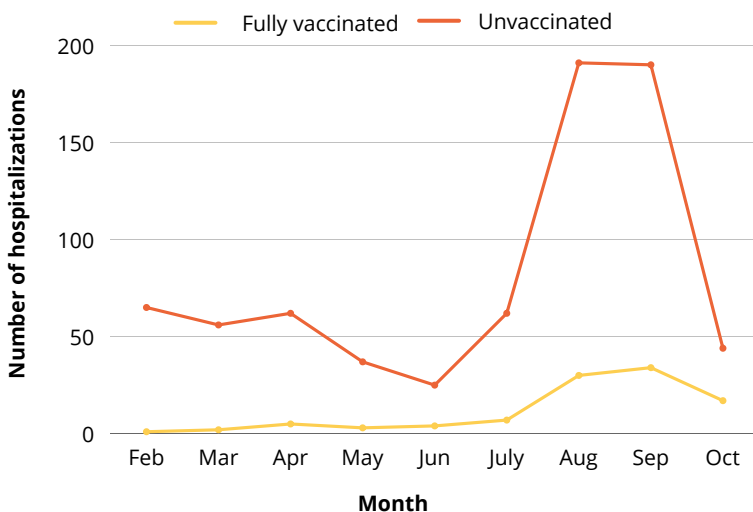


Table 2. COVID-19 hospitalizations by COVID-19 Vaccination Status, February 1 - October 18, 2021

Month	Vaccinated	Unvaccinated	Total
February	1 (2%)	63 (98%)	64 (100%)
March	2 (4%)	54 (96%)	56 (100%)
April	5 (7%)	62 (93%)	67 (100%)
May	3 (8%)	37 (93%)	67 (100%)
June	4 (14%)	25 (86%)	29 (100%)
July	7 (10%)	62 (90%)	69 (100%)
August	30 (13%)	195 (87%)	225 (100%)
September	41 (17%)	198 (83%)	239 (100%)
October	17 (26%)	44 (74%)	61 (100%)

Cumulative Summary

From February 1 to October 18, there have been 111 hospitalizations among fully vaccinated individuals out of 851 COVID-19 hospitalizations. The majority of hospitalizations continue to be among unvaccinated individuals. Hospitalizations among fully vaccinated individuals may be associated with increased disease severity caused by the delta variant, underlying health conditions among infected individuals, and waning immunity among certain groups.

