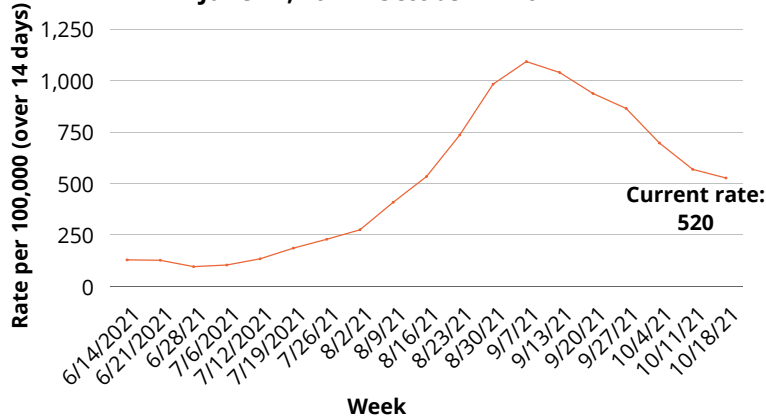


Yakima County COVID-19 Trends

October 25, 2021

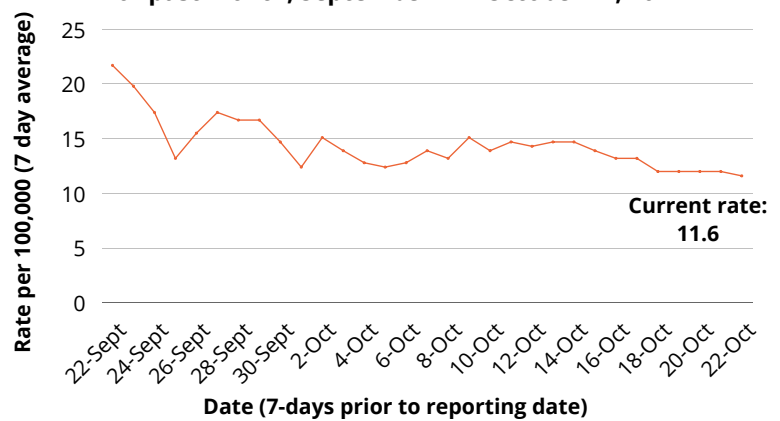
COVID-19 Cases

Figure 1. COVID-19 case rate by week, June 14, 2021 - October 22, 2021



COVID-19 Hospitalizations

Figure 2. COVID-19 Hospitalization rate, 7-day average for past month, September 22 - October 22, 2021



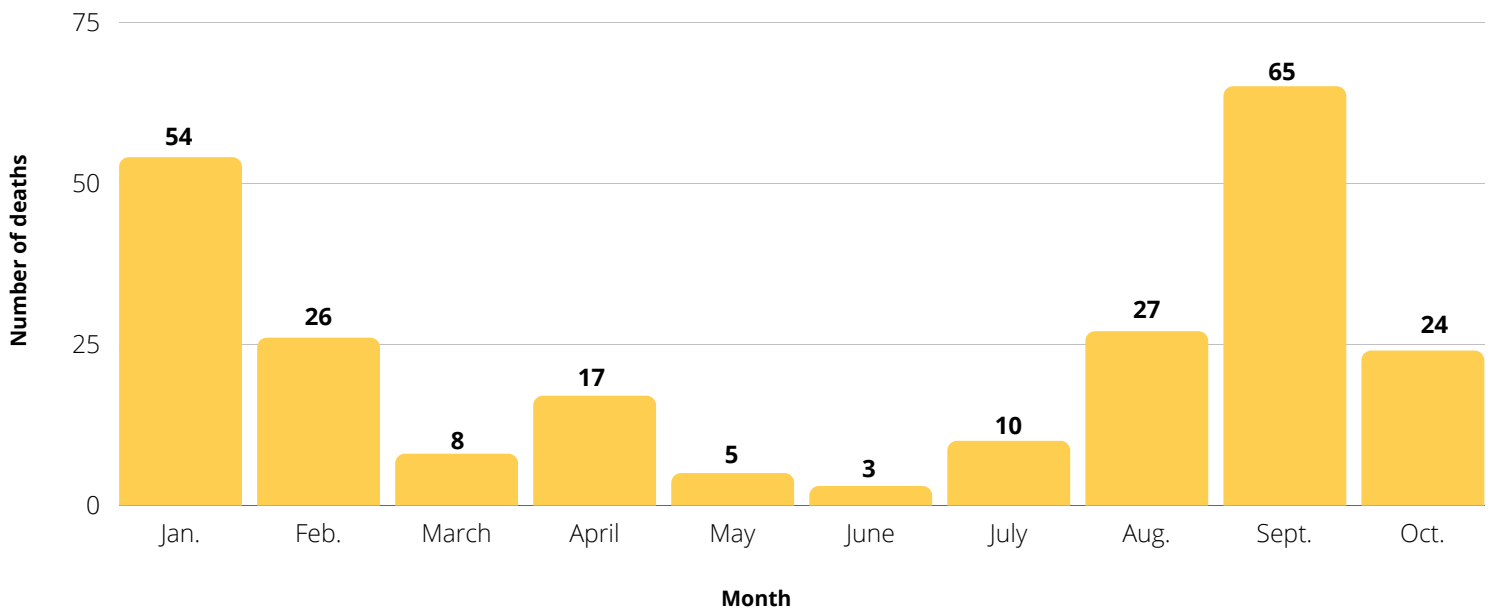
Data note: Due to a calculation error, hospitalization rates were incorrectly reported in last week's report. The rates have been corrected in this report.

Summary

COVID-19 cases and hospitalizations continue to slowly decline in Yakima County. Currently, the largest proportion of cases is in the 65-79 age group while the highest number of hospitalizations is in the 50-64 age range.

COVID-19 Deaths

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



Summary

As of October 19, 2021, there have been 24 COVID-19 deaths reported in October. The highest number of deaths for this month has been among the 65-79 age group (median 68 years). Overall, COVID-19 deaths have slightly decreased across all age groups.



Yakima County COVID-19 Trends

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COVID-19 Breakthrough Cases

Figure 4. COVID-19 cases by vaccination status, January - October 22, 2021

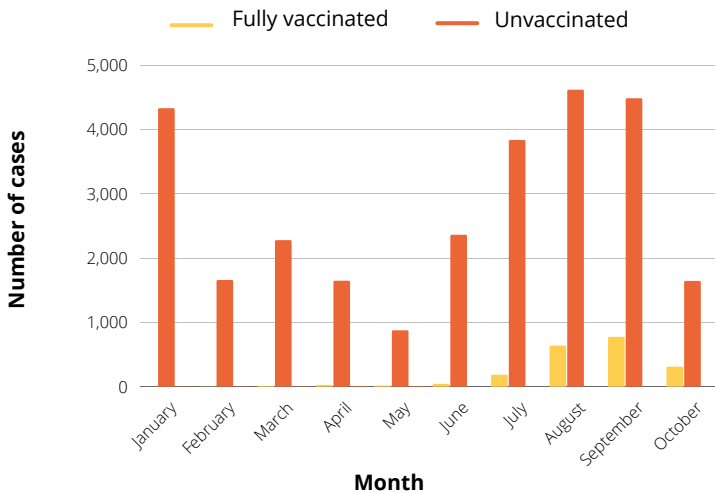


Table 1. COVID-19 cases by vaccination status, January - October 22, 2021

Month	Fully 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%)	4,613 (88%)	5,252 (100%)
September	775 (15%)	4,480 (85%)	5,255 (100%)
October	310 (16%)	1,638 (84%)	1,948 (100%)

Summary

To date, there have been 2,013 breakthrough cases out a total of 29,705 COVID-19 cases. The largest proportion of breakthroughs are currently among the 30-39 and 40-49 age groups. Overall, fully vaccinated individuals continue to account for a smaller percentage of COVID-19 cases. However, due the fact that the vaccines do not offer 100% protection, other preventative measures such as mask wearing and social distancing are still recommended.

COVID-19 Breakthrough Cases and Hospitalizations

Figure 5. COVID-19 hospitalizations by COVID-19 Vaccination Status, February - October 25, 2021

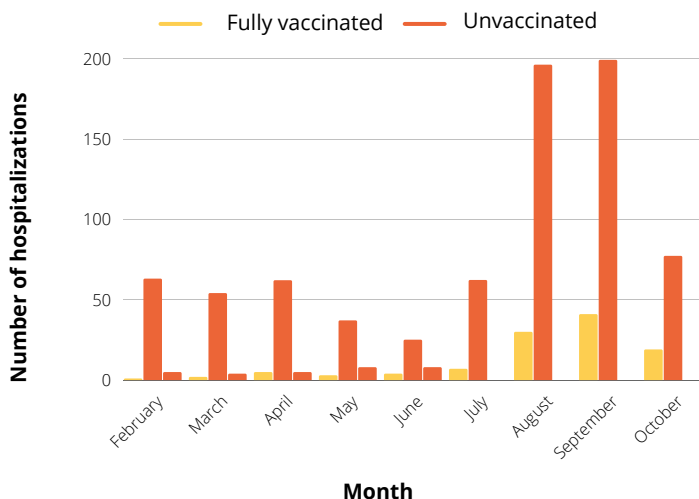


Table 2. COVID-19 hospitalizations by COVID-19 Vaccination Status, February - October 25, 2021

Month	Fully 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%)	40 (100%)
June	4 (14%)	25 (86%)	29 (100%)
July	7 (10%)	62 (90%)	69 (100%)
August	30 (13%)	196 (87%)	226 (100%)
September	41 (17%)	199 (83%)	240 (100%)
October	19 (20%)	77 (80%)	96 (100%)

Summary

Of the 887 COVID-19 hospitalizations between February and October 22, 2021, 112 were fully vaccinated while 775 were unvaccinated. Similar to COVID-19 cases, unvaccinated individuals account for most COVID-19 hospitalizations in Yakima County.



Yakima County COVID-19 Trends

October 25, 2021

COVID-19 Breakthrough Cases and Deaths

Figure 6. Percentage of Yakima County COVID-19 deaths by COVID-19 vaccination status, April 1 - October 22, 2021

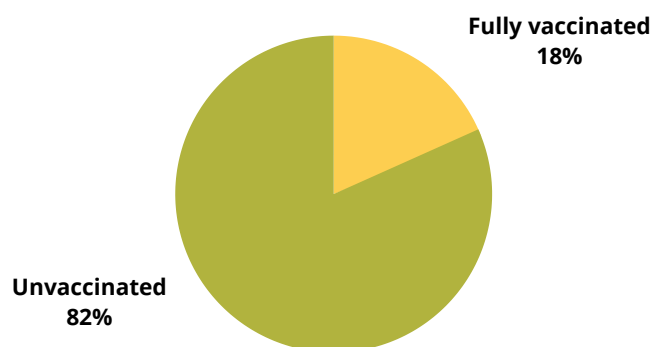


Table 3. Total number of Yakima County COVID-19 deaths by COVID-19 vaccination status, April 1 - October 22, 2021

Status	Number of Deaths	Percent of Deaths
Fully vaccinated	28	18%
Unvaccinated	125	82%
Total	153	100%

Data note: The data presented only includes COVID-19 deaths during this time frame due to the first vaccine breakthrough death being reported in April 2021.

Summary

From April to October 2021, there have been 28 COVID-19 deaths among fully vaccinated individuals. The age range of the deceased cases were 35-94 years old. 4 deaths were among 35-59 year olds, 10 deaths were among 60-79 year olds, and 14 deaths were in those 80 years and older. Of those who died, all had underlying medical conditions. Overall, there have been relatively few deaths among fully vaccinated individuals compared to unvaccinated individuals. Individuals who are older or have an underlying condition are strongly recommended to get vaccinated against COVID-19 and follow other preventative measures due to their increased risk of severe illness and complications.

Key Definitions

- **COVID-19 case:** An individual who tested positive for COVID-19 with a positive molecular COVID-19 test, including PCR.
- **COVID-19 hospitalization:** An individual with confirmed COVID-19 who have been identified as being hospitalized through case investigation data in WDRS or linkage with with Rapid Health Information Network (RHINO) records.
- **COVID-19 death:** An individual who tested positive for COVID-19 and died due to complications from COVID-19. This data has been ascertained by internal YHD data.
- A **fully vaccinated individual** is someone who is ≥ 14 days post-completion of the primary series of a COVID-19 vaccine.
- An **unvaccinated individual** is someone who has not received an approved COVID-19 vaccine, or has not completed a COVID-19 vaccine series.
- A **breakthrough case** is defined as an instance when an individual who is fully vaccinated tests positive for COVID-19 at least 14 days after they have completed their primary COVID-19 vaccine series. Partially vaccinated individuals are not counted as breakthrough cases because they are not fully vaccinated.

Data note

- Breakthrough cases are continuously being investigated and updated, and may change as new breakthrough cases are confirmed.

