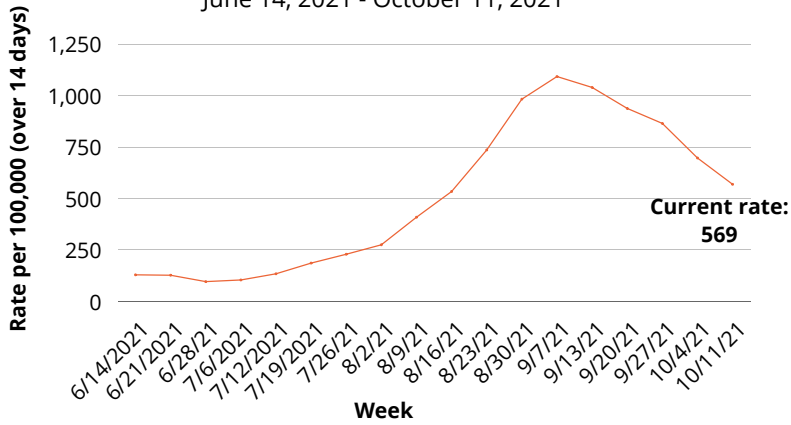


Yakima County COVID-19 Trends

October 11, 2021

COVID-19 Cases

Figure 1. COVID-19 case rate by week, June 14, 2021 - October 11, 2021

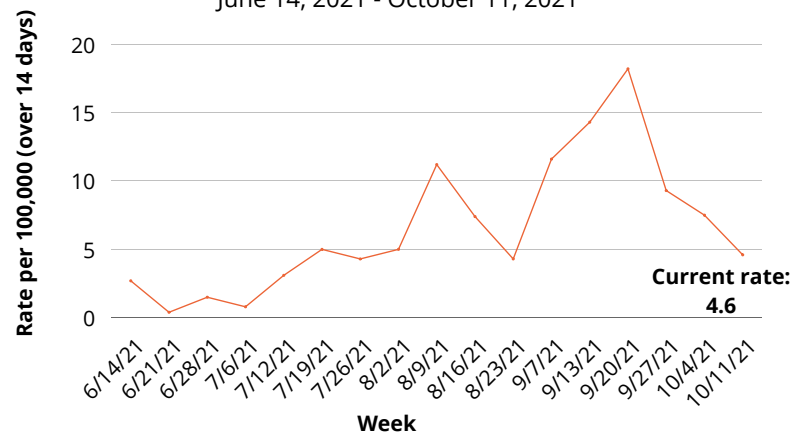


Key observations:

While the rate of COVID-19 cases has decreased in the past month, community transmission remains high throughout the county. Extreme caution remains critical given the level of community spread.

COVID-19 Hospitalizations

Figure 2. Hospitalization rate by week, June 14, 2021 - October 11, 2021

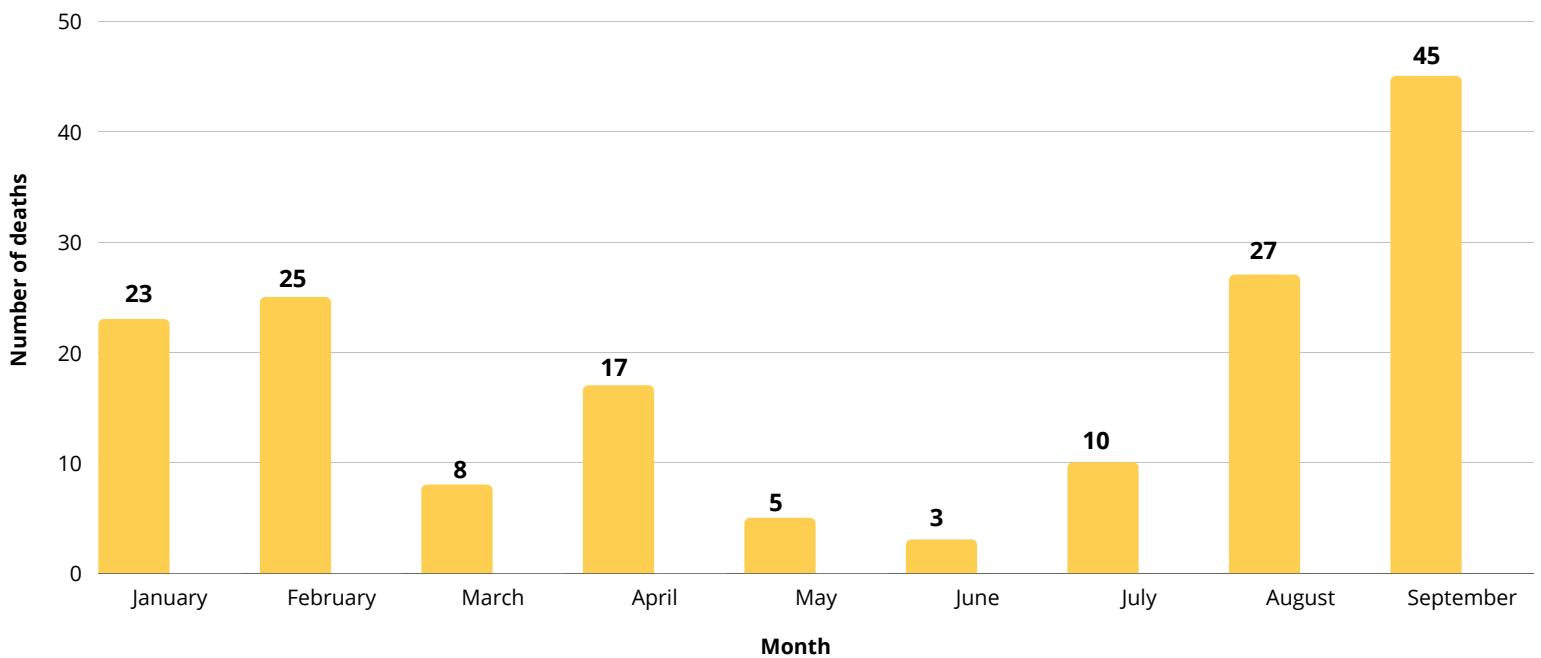


Key observations:

Similar to the rate of cases, the rate of hospitalizations has decreased since September. However, a higher proportion of hospitalizations have been observed among younger age groups.

COVID-19 Deaths

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



Summary:

COVID-19 deaths have been increasing since July, with the highest number of deaths reported in September so far. While the average age of COVID-19 deaths has stayed relatively constant, more deaths are being reported among younger age groups. Currently, the highest proportion of deaths are among the 50-64 and 65-79 age groups.



Yakima County COVID-19 Trends

October 11, 2021

COVID-19 Breakthrough Cases

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

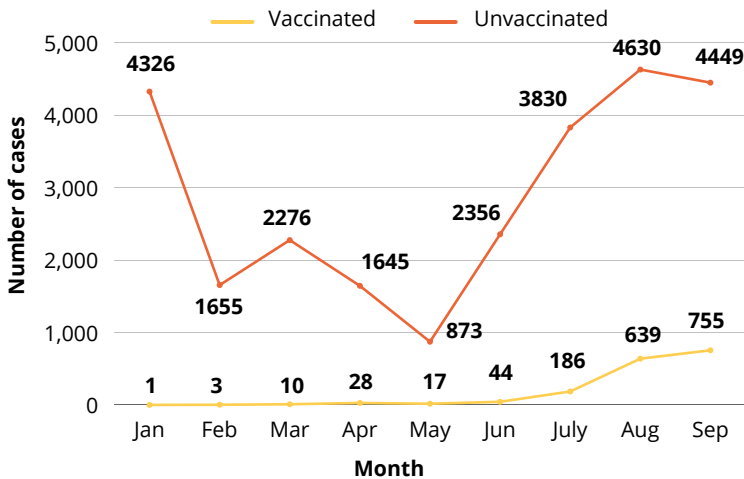


Table 1. COVID-19 cases by vaccination status, January 1 - October 11, 2021

Month	Vaccinated	Unvaccinated	Total
January	1 (100%)	4326 (99.98%)	4,327 (100%)
February	3 (100%)	1655 (99.82%)	1658 (100%)
March	10 (100%)	2276 (100%)	2286 (100%)
April	28 (2%)	1645 (98%)	1673 (100%)
May	17 (2%)	873 (98%)	890 (100%)
June	44 (2%)	2356 (98%)	2400 (100%)
July	186 (5%)	3830 (95%)	4016 (100%)
August	639 (12%)	4630 (88%)	5269 (100%)
September	755 (15%)	4449 (85%)	4251 (86.1%)
October	57 (7%)	732 (93%)	789 (100%)

Key observations:

To date, there have been 1,740 breakthrough cases out of a total of 26,722 COVID-19 cases. The highest number of breakthroughs are currently among the 40-49 age group. Breakthrough cases are expected to occur as more individuals become vaccinated and the delta virus continues to spread.

COVID-19 Breakthrough Hospitalizations

Figure 5. COVID-19 hospitalizations by COVID-19 Vaccination Status, January - September 2021

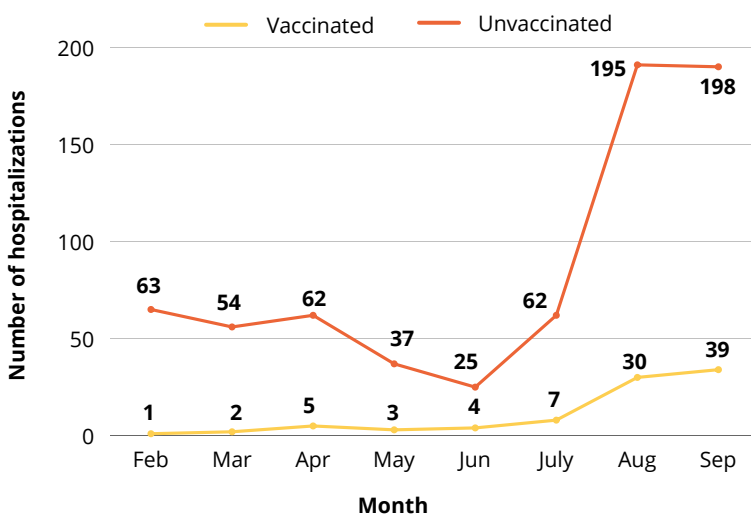


Table 2. COVID-19 hospitalizations by COVID-19 Vaccination Status, February 1 - October 11, 2021

Month	Vaccinated	Unvaccinated	Total
February	1 (2%)	63 (98%)	64 (100%)
March	2 (2%)	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	39 (16%)	198 (84%)	237 (100%)
October	6 (21%)	22 (79%)	28 (100%)

Key observations

To date, there have been 97 breakthrough hospitalizations out of a total of 815 COVID-19 hospitalizations. The proportion of breakthrough hospitalizations has increased in the past two months. However, this trend may be associated with increased disease severity caused by the delta variant, underlying health conditions among infected individuals, and waning immunity among certain groups.

