

COVID-19 Surveillance Report

SNOHOMISH COUNTY SUMMARY: *Data through 9/16/2023*

- Snohomish County case rates increased over the month of August with a leveling off over the last couple week (figures 1 & 2)
- COVID-19-related hospitalizations increased over the last month with a peak case rate of 4.7/100,000 for the week of September 3-9, 2023. Hospitalization rates dropped over the last week (2.7/100,000) (figures 3 & 4). However, this may be due to a reporting lag.
- The percent of emergency department (ED) visits with a diagnosis of COVID-19 increased starting in August with a peak of 2.8% during the week of September 3-9, 2023. Percent of ED visits decreased in the last week (2.3%) (figure 5). COVID-19 hospital census was 3% for the last week (figure 6).
- COVID-19 transmission was between 10-49/100,000 across most zip codes in Snohomish County (figure 7). Case rates were highest in the central west (Everett, Marysville, Lake Stevens) part of the county.
- Case rates were variable amongst age groups. Over the last week increases were seen in the following age groups: 0-14, 15-19, 40-49 (figure 8). Decreases or no changes were seen in all other age groups. Highest case-rates are amongst our 70+ population, which is due to higher rates of testing, and small population size.
- COVID-19 case rates were up for Hispanic and Native Hawaiian/Pacific Islander race/ethnicity groups (figure 9). All other race/ethnicity groups were stable or saw a small decrease in case rates for the week of September 10-16, 2023.
- The number of cases associated with reported long-term care facility (LTCF) outbreaks has been stable over the last couple of weeks (figure 10). There were 6 new LTCF outbreaks over the last two weeks (figure 11).

New Cases (per 100,000 population in the last 7 days)	Indicators	Low	Medium	High
47	New COVID-19 admissions per 100,000 population (7-day total) 2.7	<10.0	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average) 3%	<10.0%	10.0-14.9%	≥15%
	Percent of ED visits with diagnosis of COVID-19 2.3%	Below 3% threshold		

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Figure 1: COVID-19 case rates per 100,000 by symptom onset date

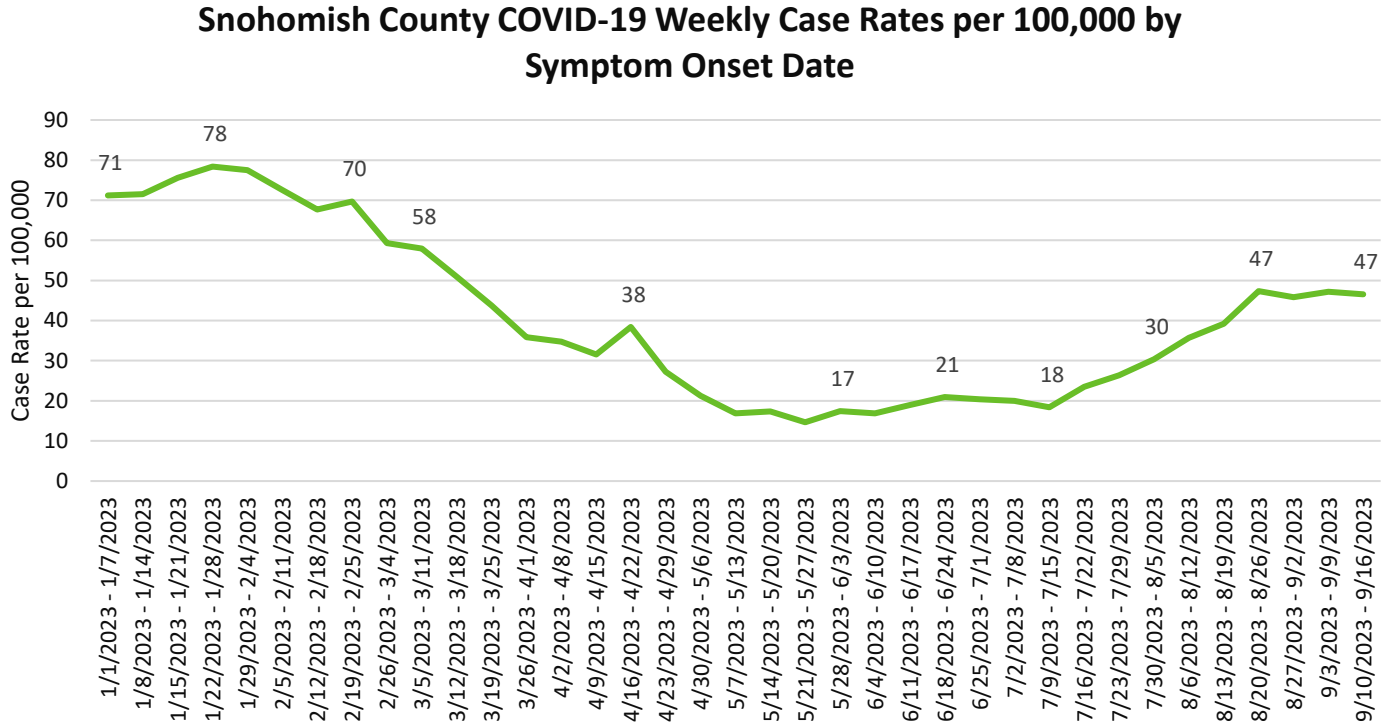
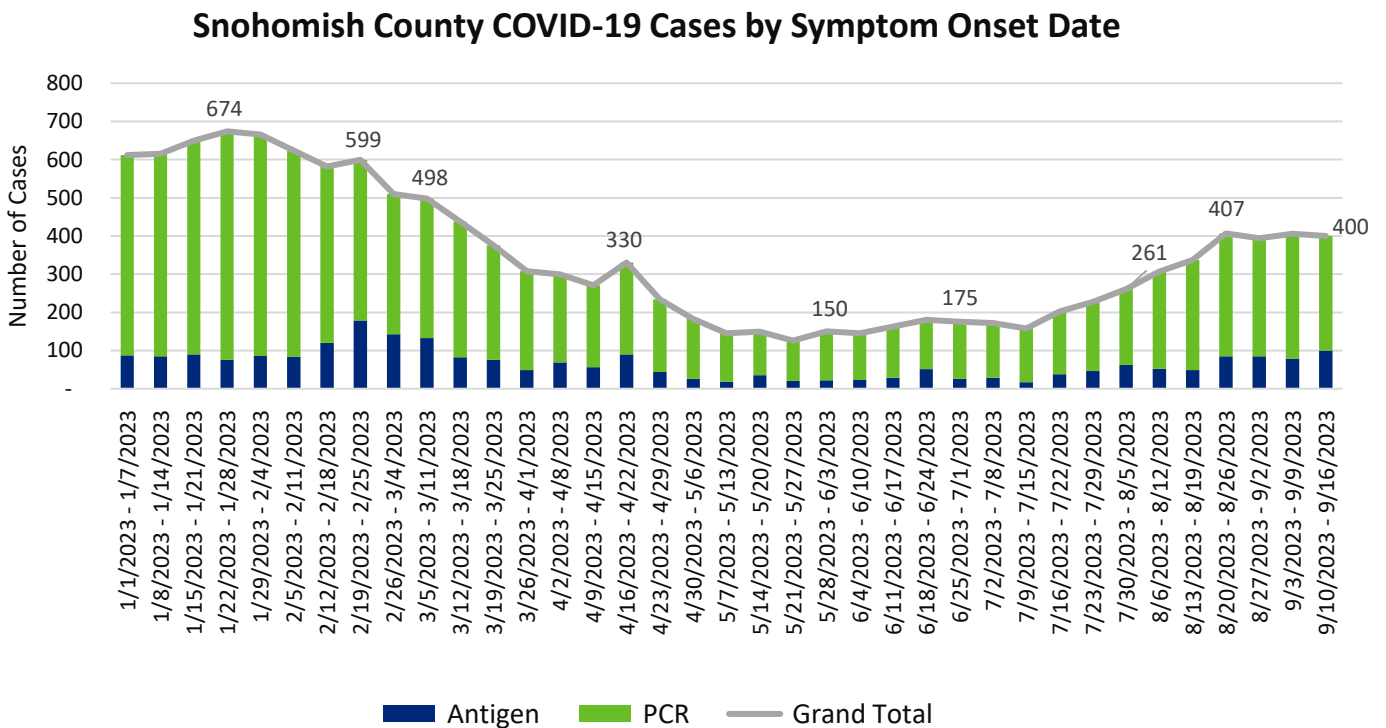


Figure 2: Number of COVID-19 cases by symptom onset date



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Figure 3: Number of COVID-19-related hospitalizations by case symptom onset date

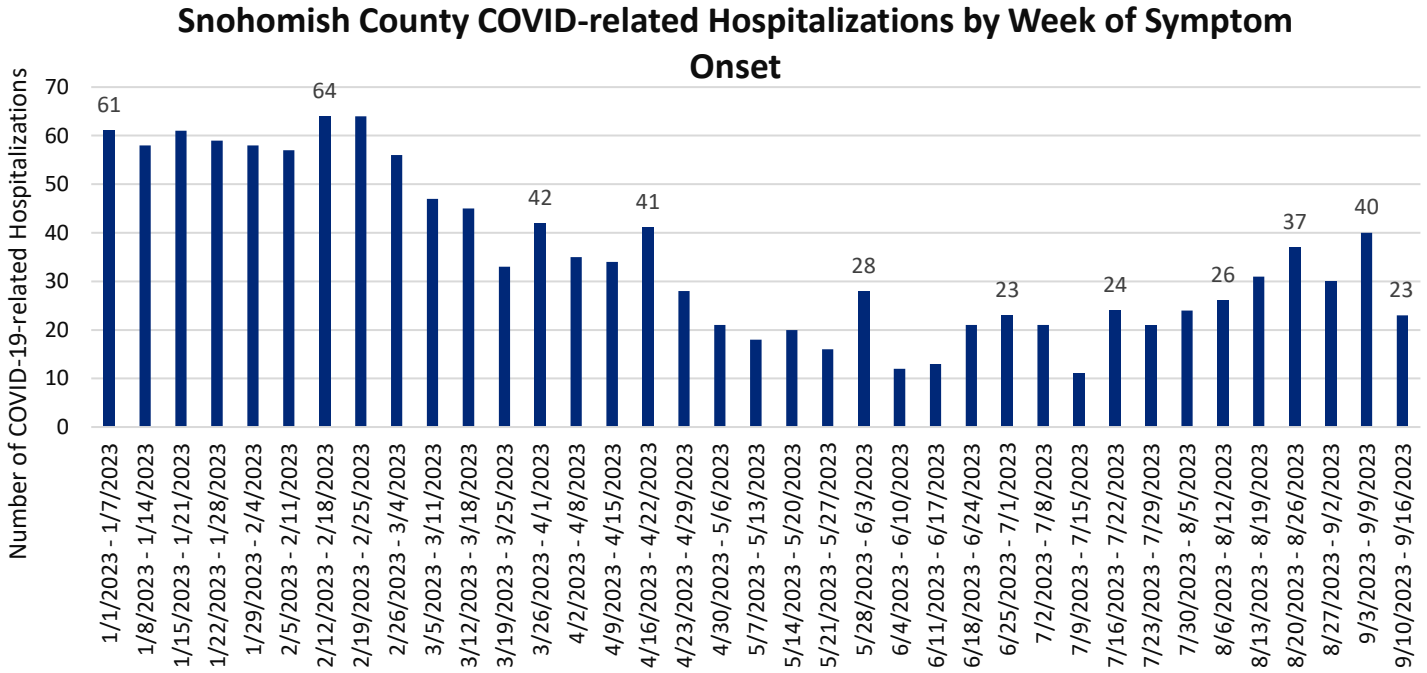
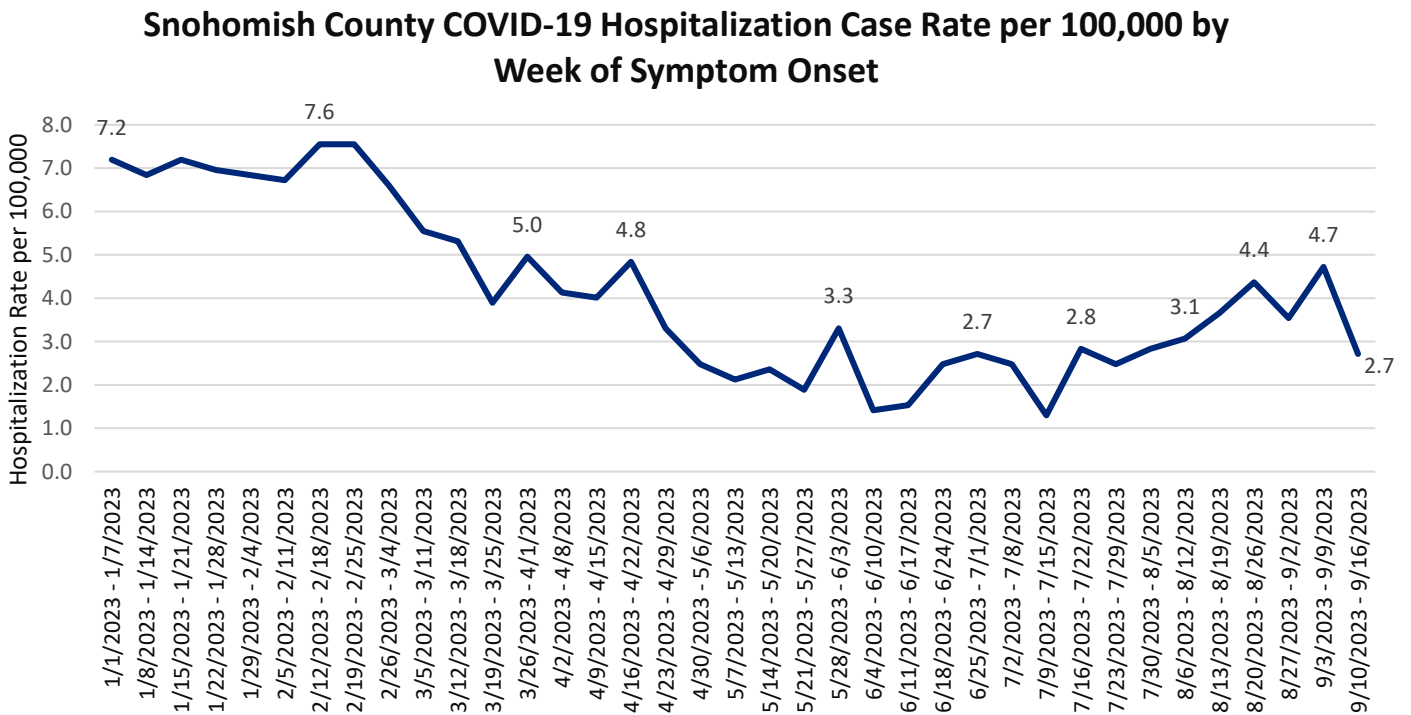


Figure 4: Rate of COVID-19-related hospitalizations by case symptom onset date



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Figure 5: Percent of emergency department (ED) visits with a COVID-19 diagnosis (ESSENCE)

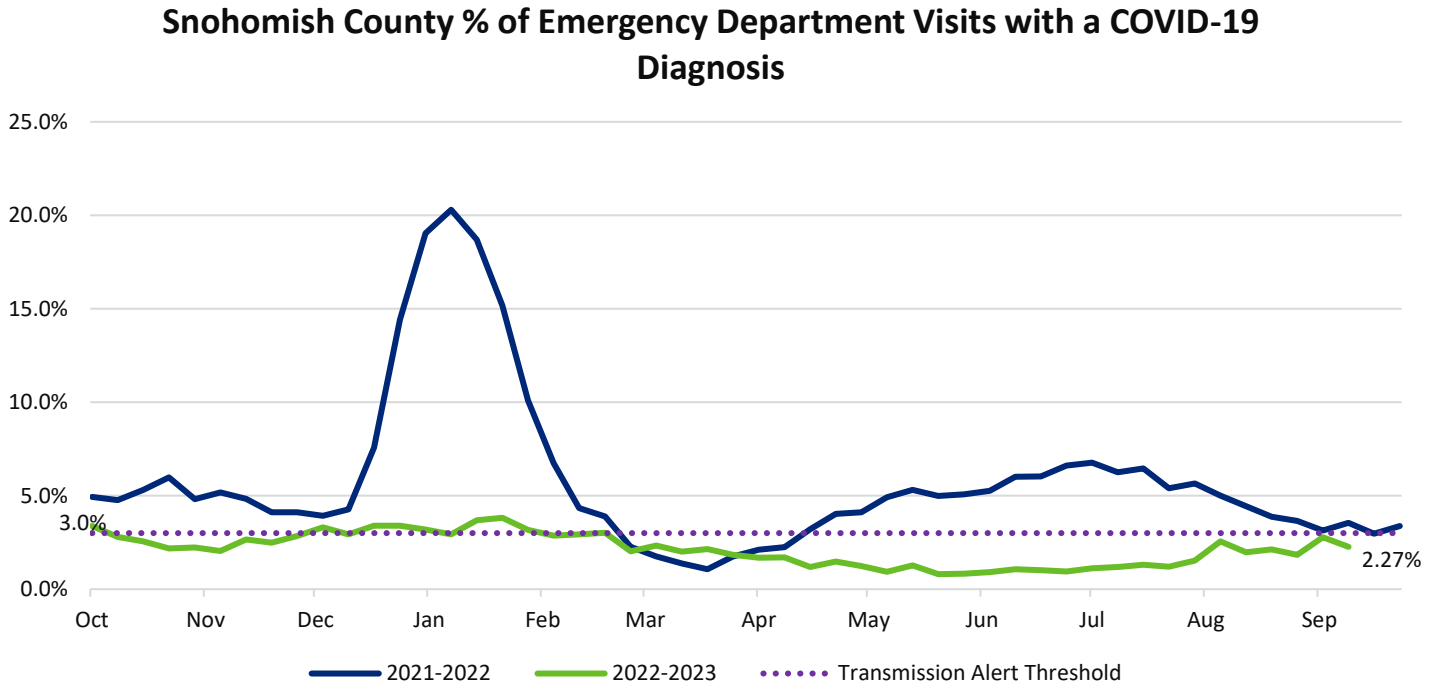


Figure 6: Hospital census for COVID-19 patients (WAHealth)

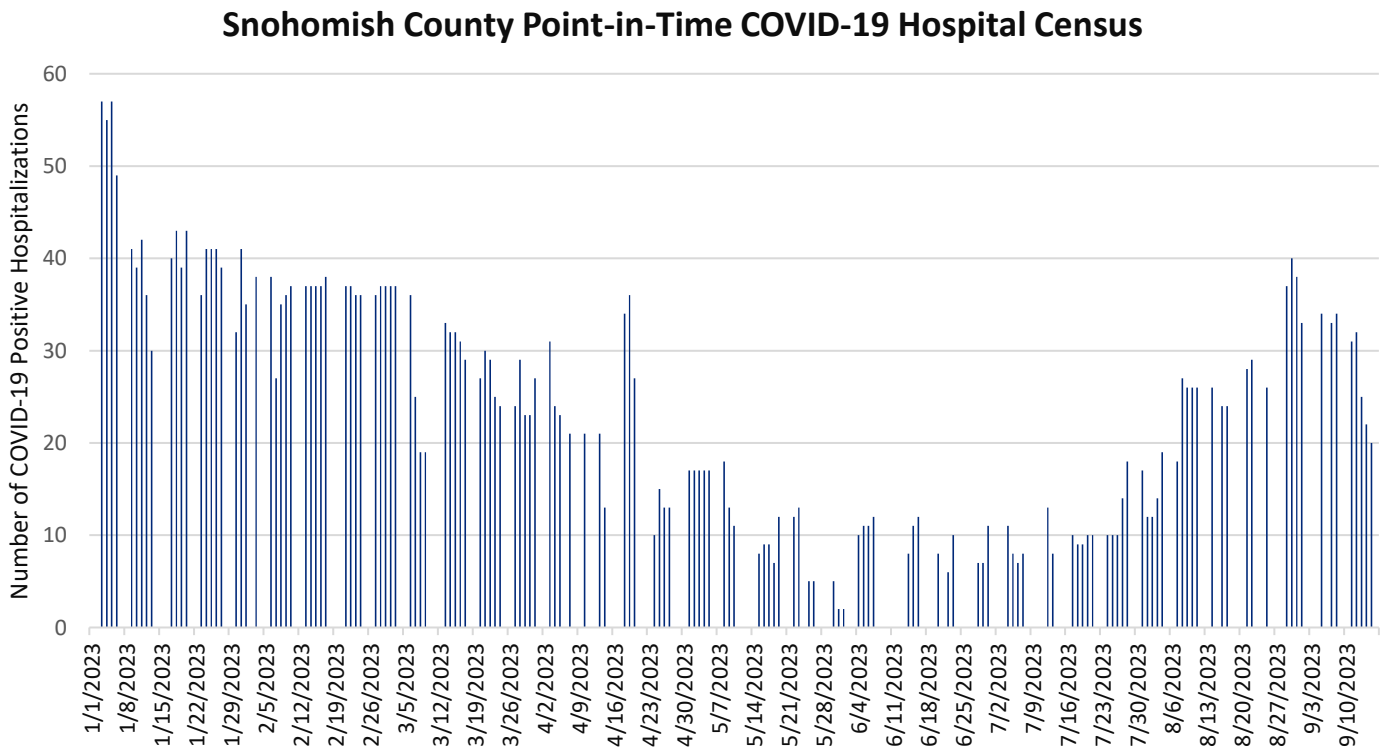
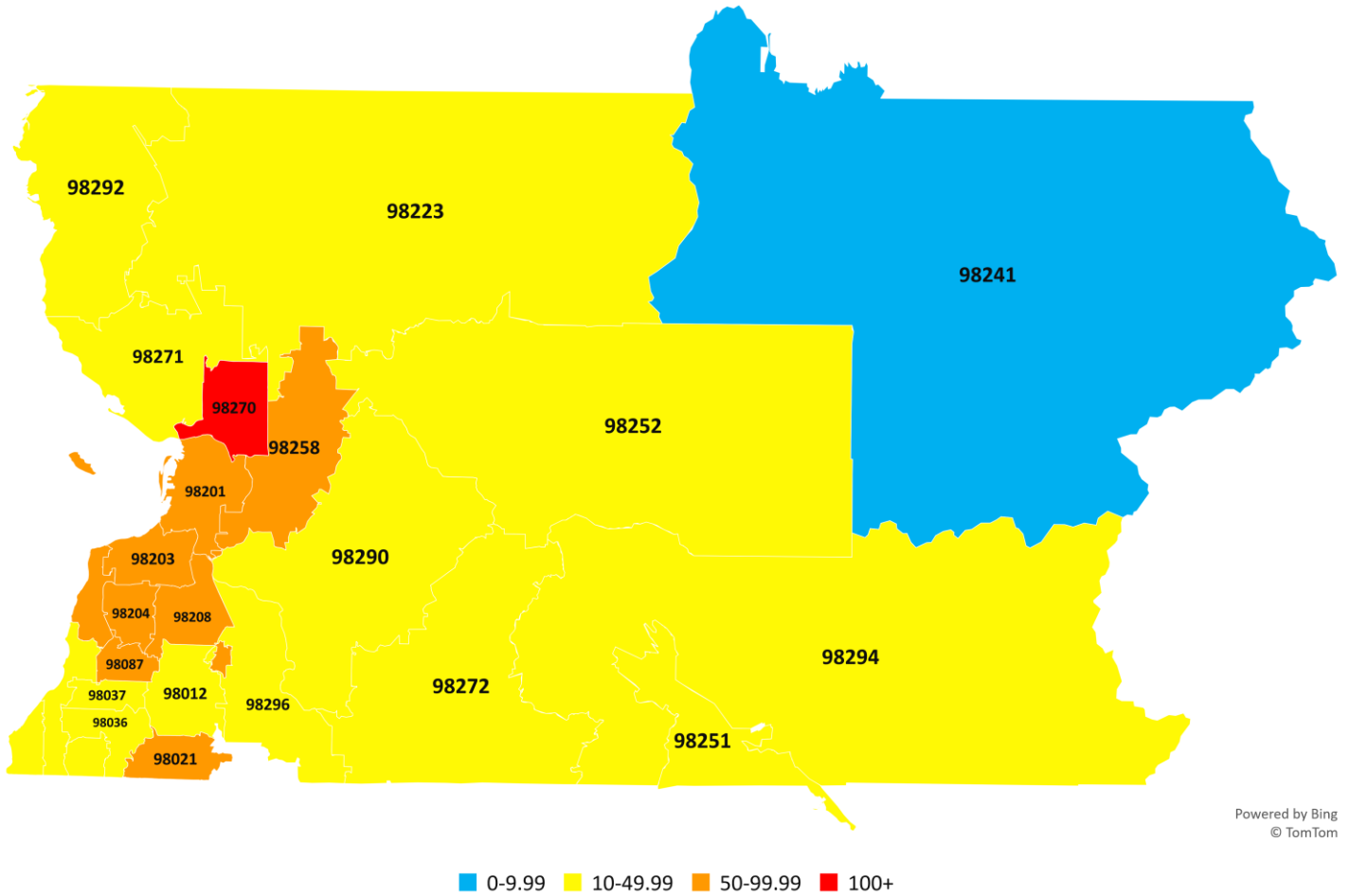


Figure 7: COVID-19 case rates by zip code

Snohomish County COVID-19 Case Rates per 100,000 by Zip Code September 10-16, 2023



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Figure 8: COVID-19 case rates by symptom onset date and age group

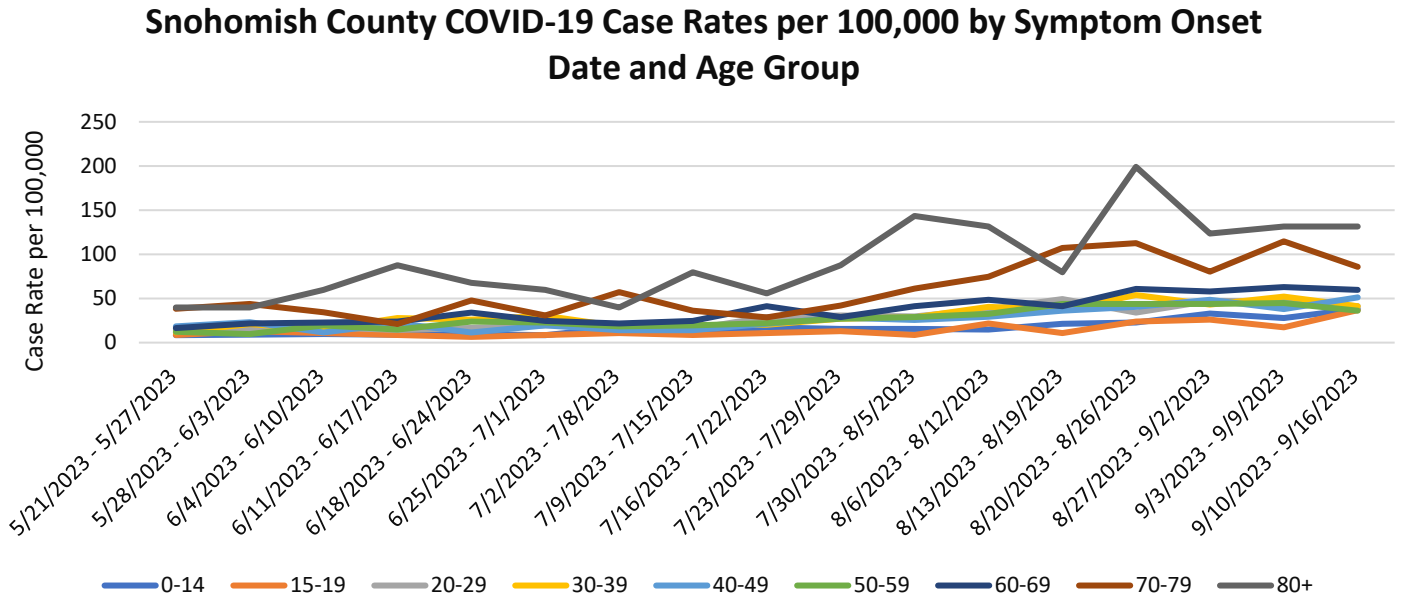
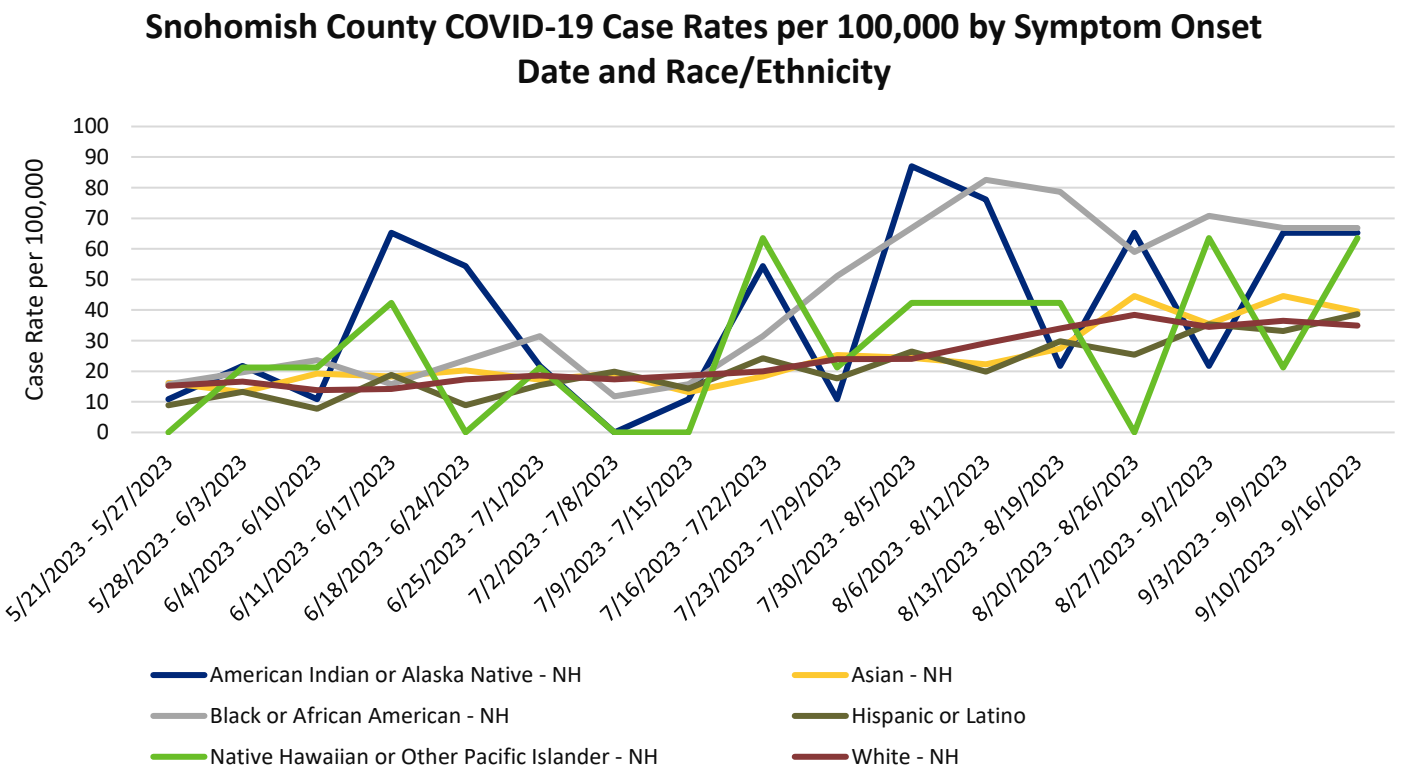


Figure 9: COVID-19 case rates by symptom onset date and race/ethnicity



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Figure 10: Number of COVID-19 cases associated with LTCF outbreaks by symptom onset date

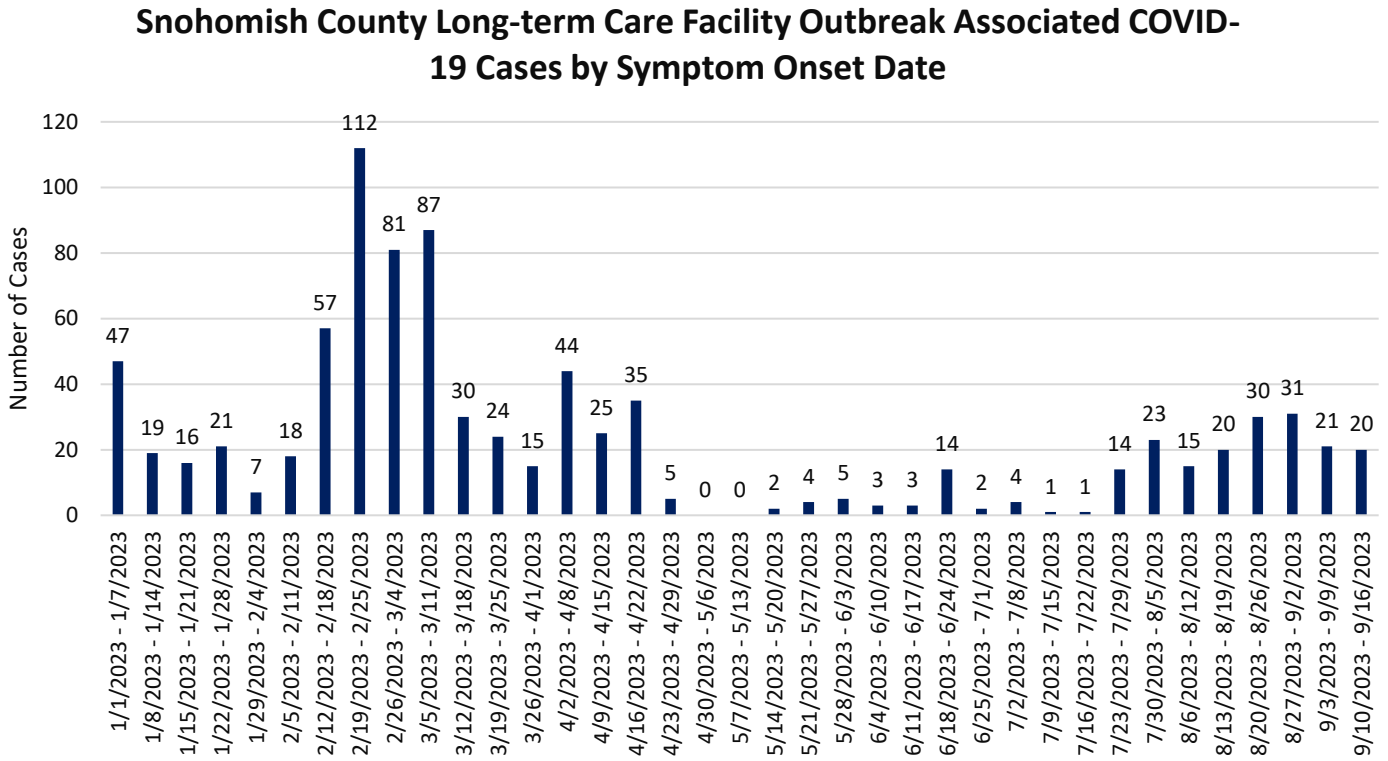
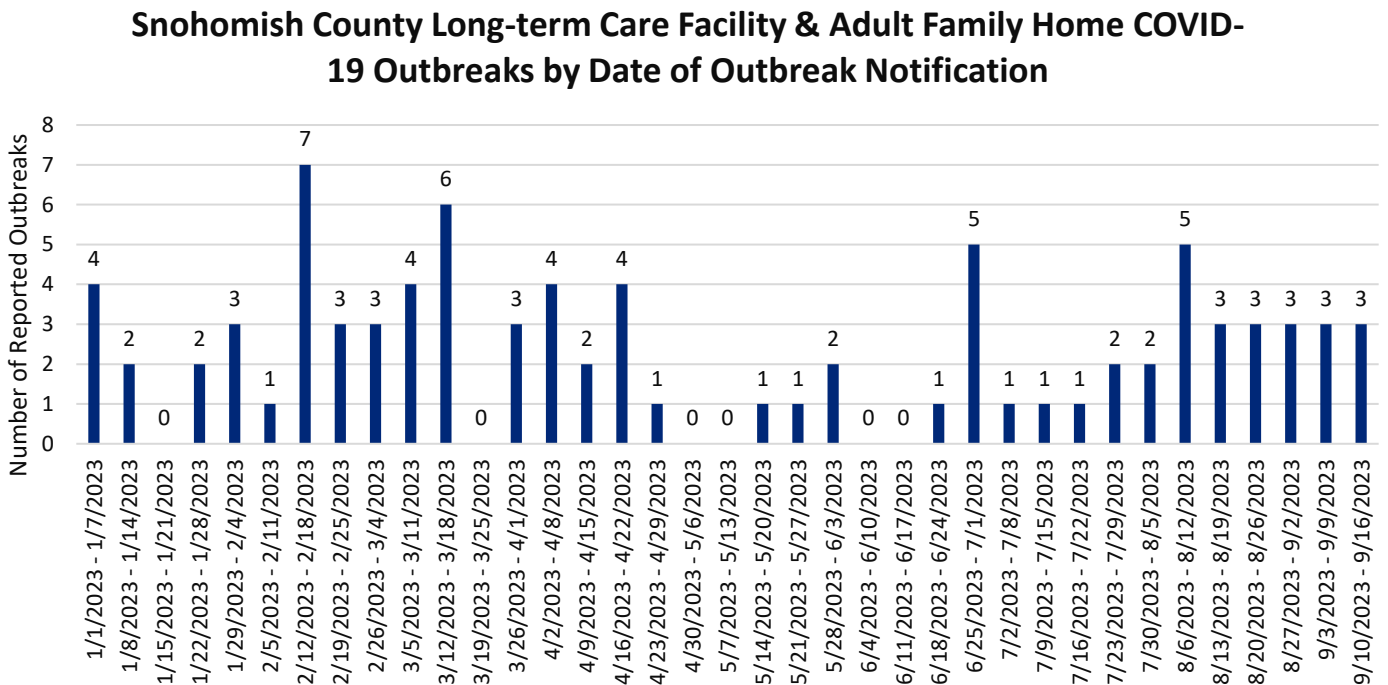


Figure 11: Number of LTCF and adult family home COVID-19 outbreaks by week of outbreak notification



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DATA SOURCES:

The Washington State Disease Reporting System (WDRS) is the data source for all case data. Some data have been suppressed due to inaccuracies. Not all tables and graphs will have the same denominator. All trend data are by symptom onset date or date of first positive COVID test. Only cases tested by a healthcare provider or laboratory are counted in this report. Homebased tests are not reported to public health and are not included in these data.

The data source for the percent of emergency department visit is the Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE) from the National Syndromic Surveillance Program – BioSense Platform. ESSENCE is part of the CDC National Syndromic Surveillance Program (NSSP). Data included are the percent of all emergency visits from hospitals in Snohomish County with a ICD 10-CM discharge diagnosis of COVID-19.

Hospital census data is from WAHealth (<https://wahealth.doh.wa.gov/>). WAHealth is The Regional Government Emergency Response and Monitoring solution. This monitoring system provides a set of capabilities for state and local governments to collect and visualize health system data. Data are collected from parent organizations and associated hospitals in their network/region and are used to establish situational awareness during emergency responses. The data include information about available beds, supplies, equipment, COVID-19 patients, and staffing.

All data are preliminary and subject to change.

ADDITIONAL RESOURCES:

- Washington State Department of Health COVID-19 Data Dashboard: <https://doh.wa.gov/emergencies/covid-19/data-dashboard>