

COVID-19 Surveillance Report

SNOHOMISH COUNTY SUMMARY: *Data through 12/30/2023*

- Snohomish County case rate increased over the two week (figures 1 & 2).
- COVID-19-related hospitalization case rates also increased to 5.4/100,000 (figures 3 & 4).
- The percent of emergency department (ED) visits with a diagnosis of COVID-19 increased (figure 5). Last week COVID-19 hospital census was 4% up from 2% (figure 6).
- COVID-19 transmission was 50+/100,000 across most zip codes in Snohomish County (figure 7). Higher rates were seen in the Marysville (92/100,000) and Arlington (75/100,000) areas.
- Case rates increased in most age groups (figure 8). Cases aged 10-19-years-olds saw a decrease in case rates last week. This is possibly due to schools being out on break. Highest case-rates are amongst our 65+ population. This may be due to higher rates of testing in this population.
- COVID-19 case rates increased or were stable across most race/ethnicity groups (figure 9). A decrease was seen in Black/African Americans week to week.
- Cases associated with long-term care facility (LTCF) outbreaks increased (figure 10). There were 2 new LTCF outbreaks over the last week (figure 11). The difference between cases and outbreaks is due to reporting lag. Cases are counted the week of illness onset and outbreaks are counted based on the date they were reported to the Health Department.

Virus

COVID-19	2.85%	Below 3% threshold
Influenza	3.10%	Above 1% threshold
RSV	0.91%	Above 0.3% threshold

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) 5.4	<10.0	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average) 4%	<10.0%	10.0-14.9%	≥15%

COVID-19 Surveillance Report

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

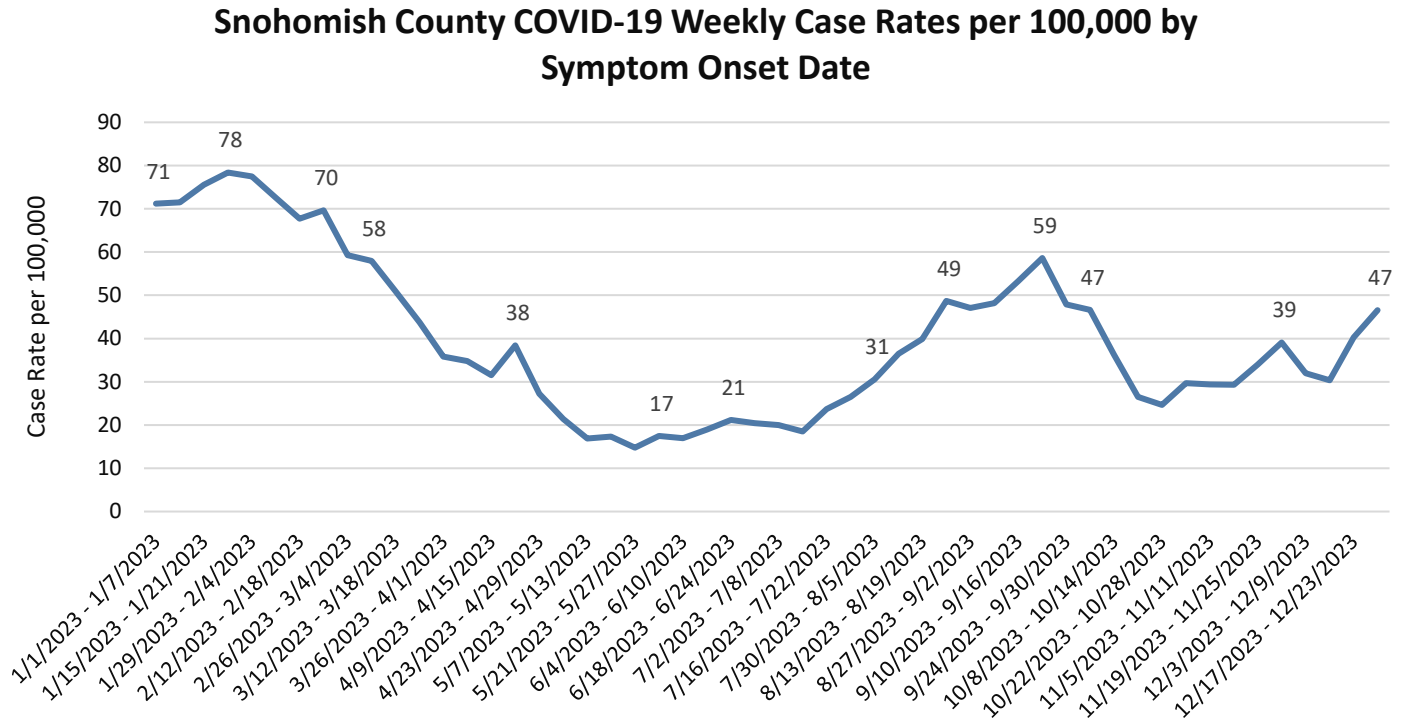
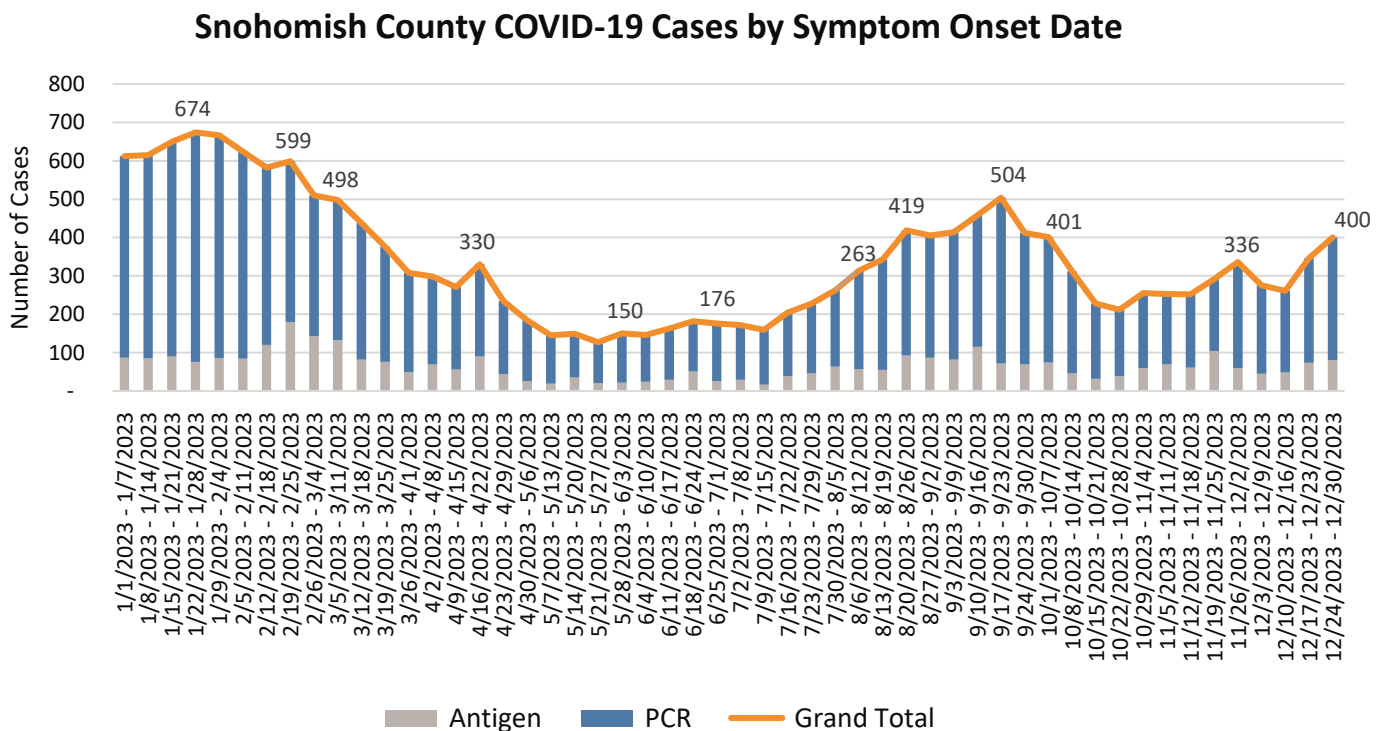


Figure 2: Number of COVID-19 cases by symptom onset date



COVID-19 Surveillance Report

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

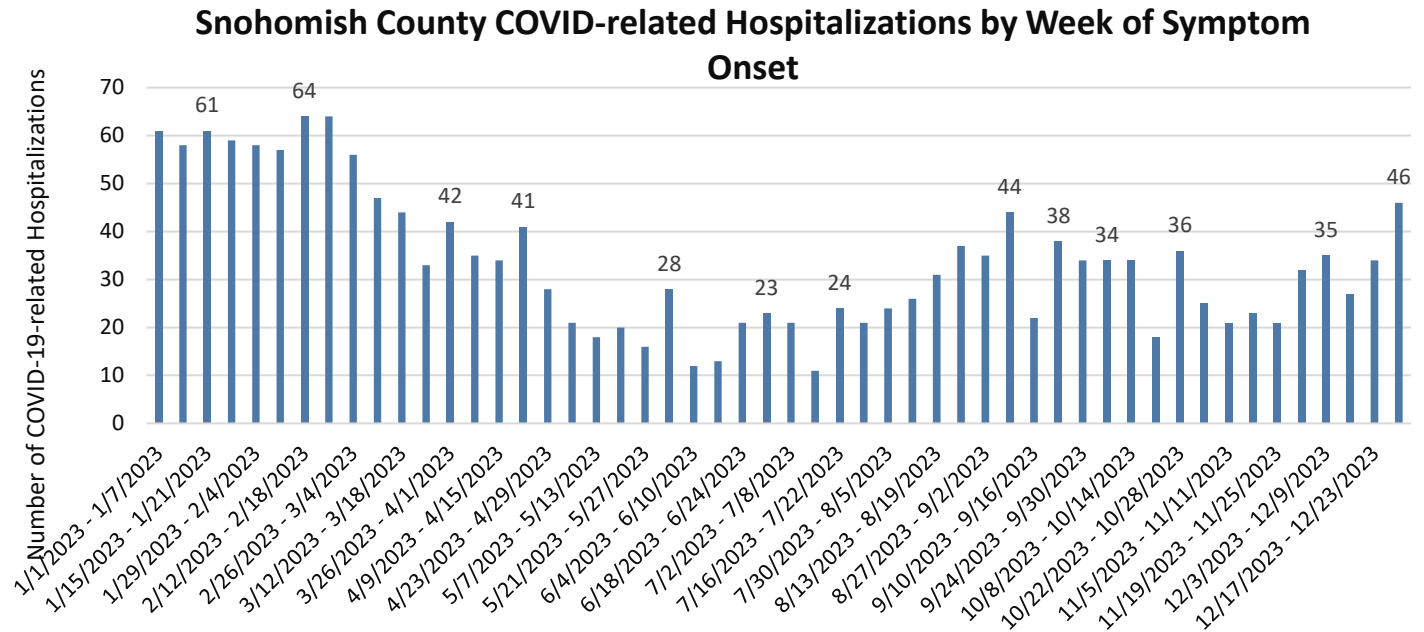
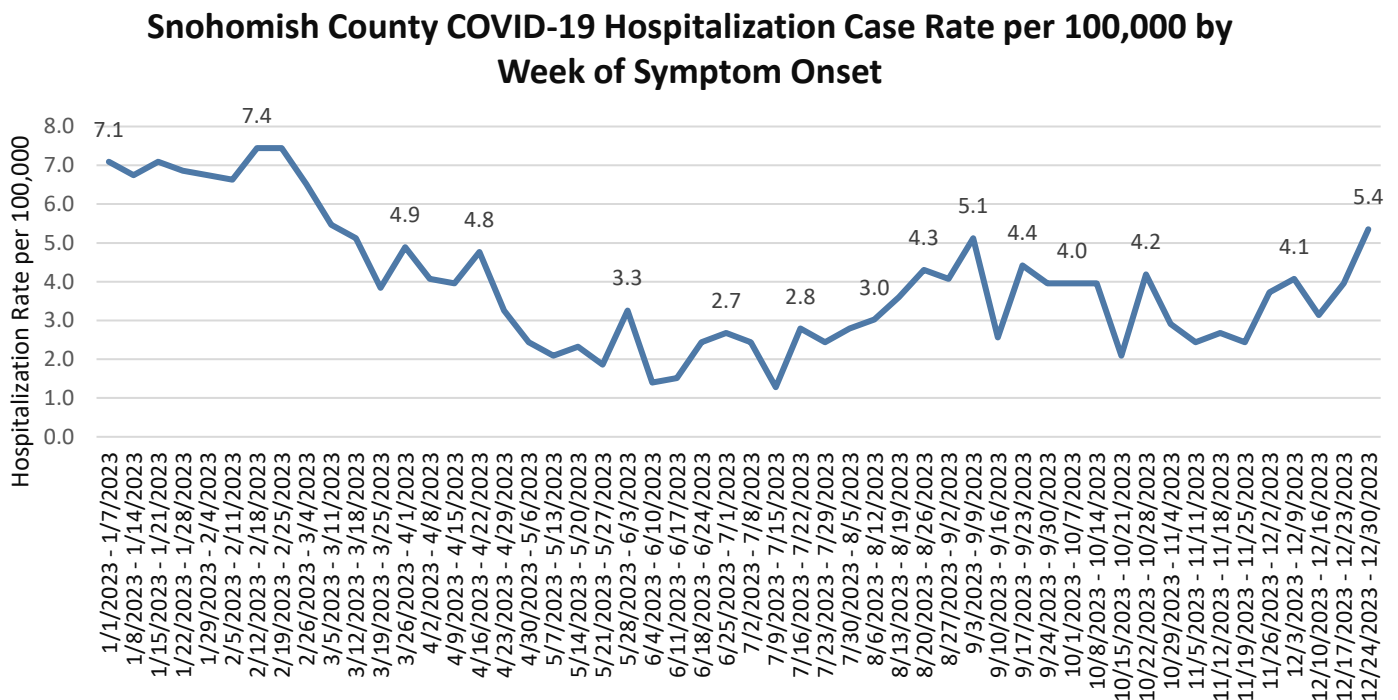


Figure 4: Rate of COVID-19-related hospitalizations by case symptom onset date



COVID-19 Surveillance Report

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

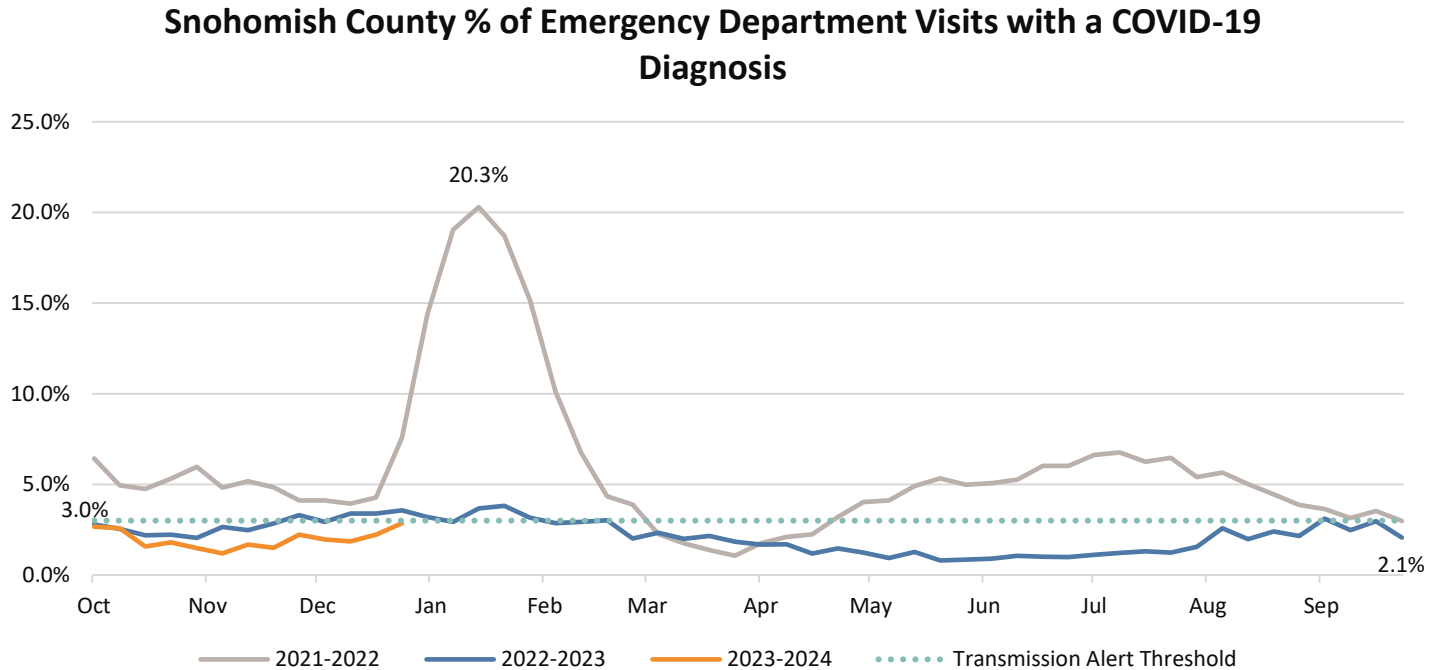
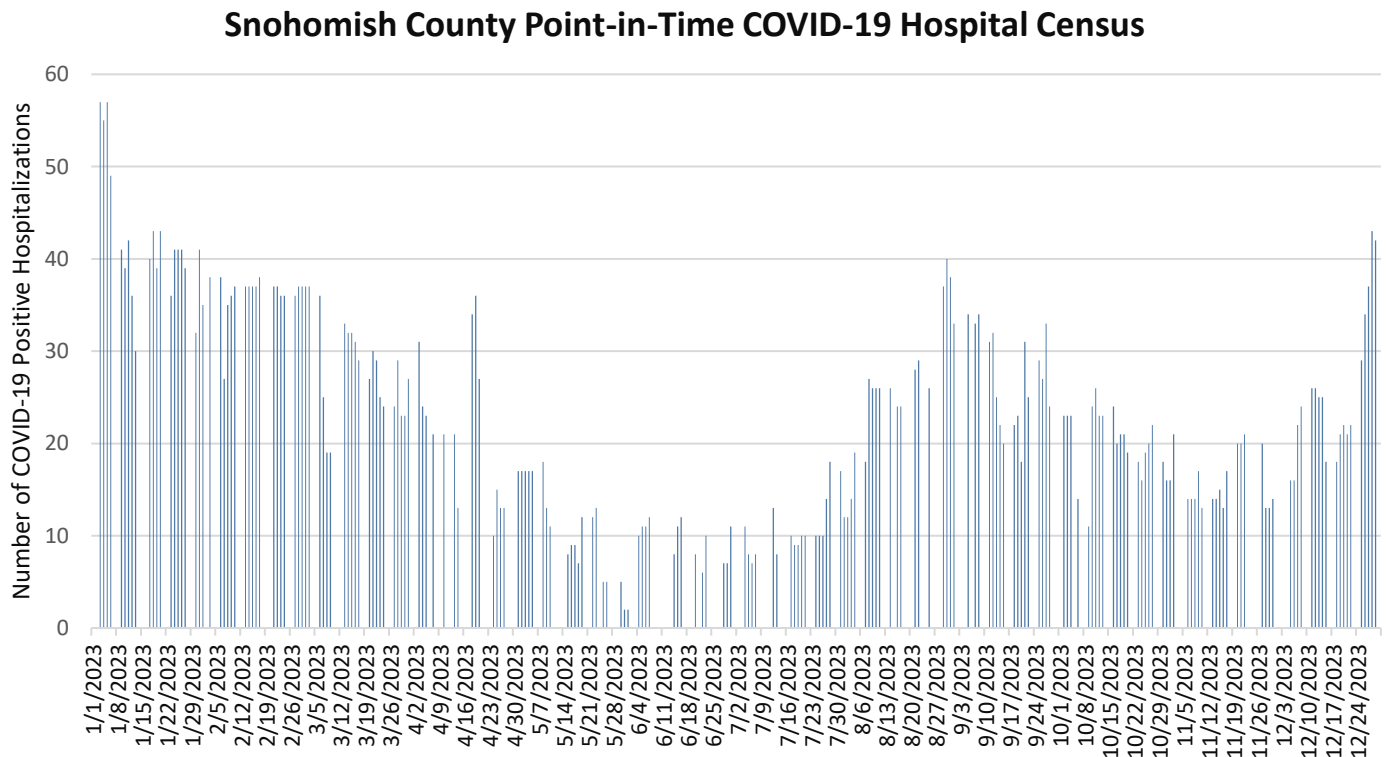


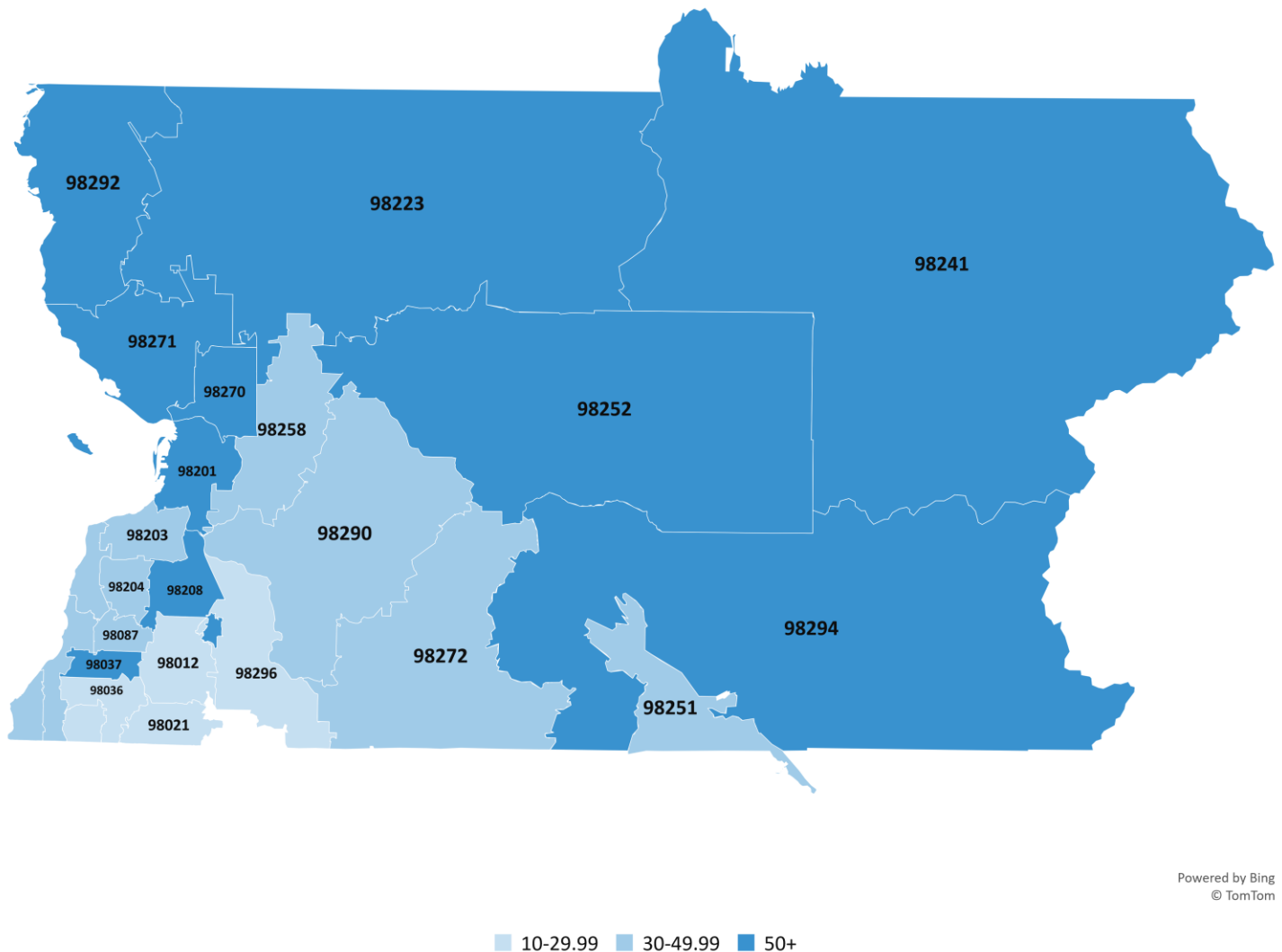
Figure 6: Hospital census for COVID-19 patients (WAHealth)



COVID-19 Surveillance Report

Figure 7: COVID-19 case rates by zip code

Snohomish County COVID-19 Case Rates per 100,000 by Zip Code December 24-30, 2023



COVID-19 Surveillance Report

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

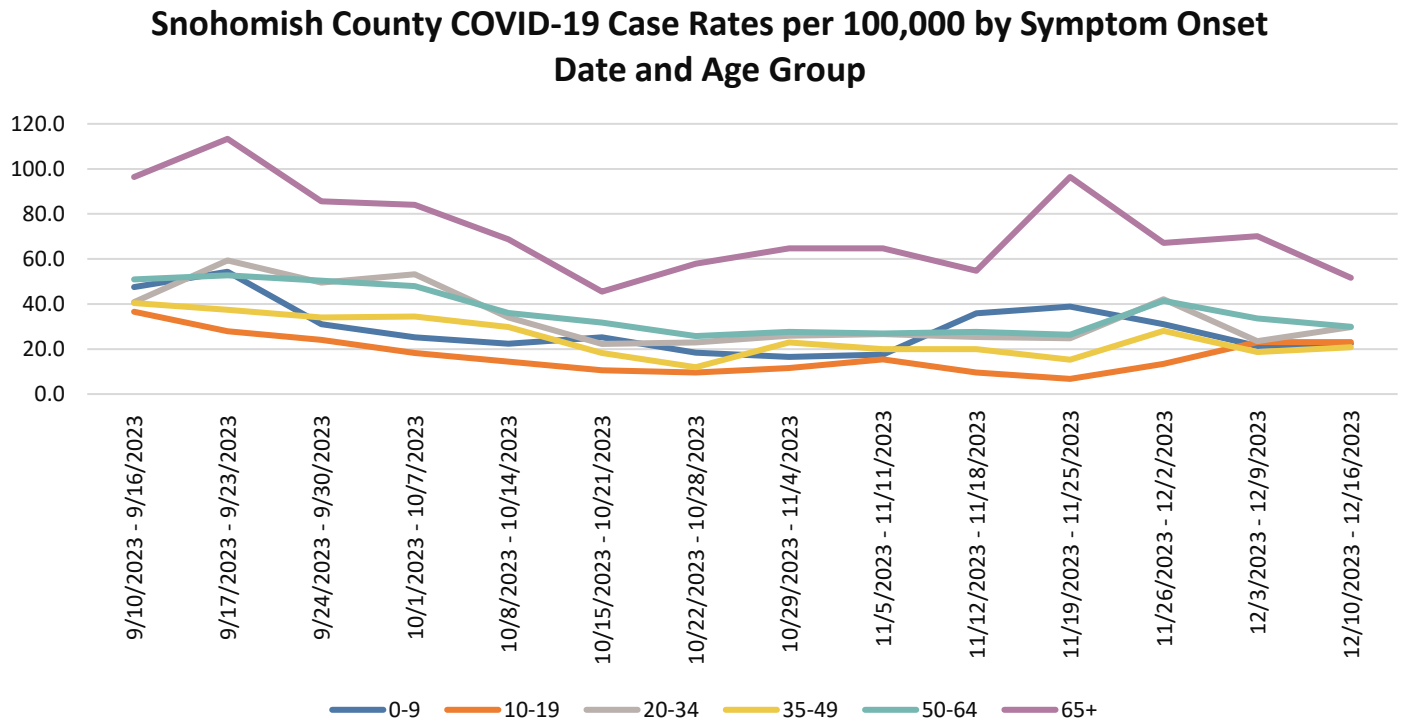
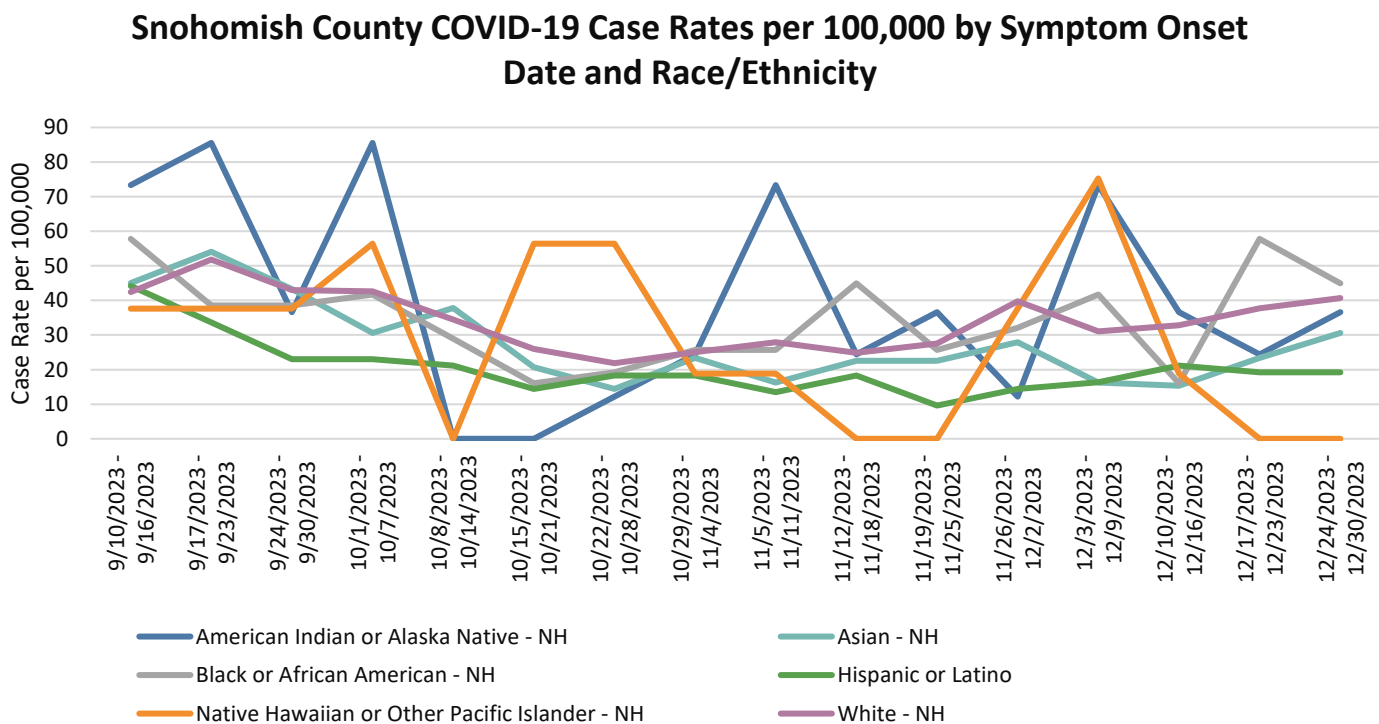


Figure 9: COVID-19 case rates by symptom onset date and race/ethnicity



COVID-19 Surveillance Report

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

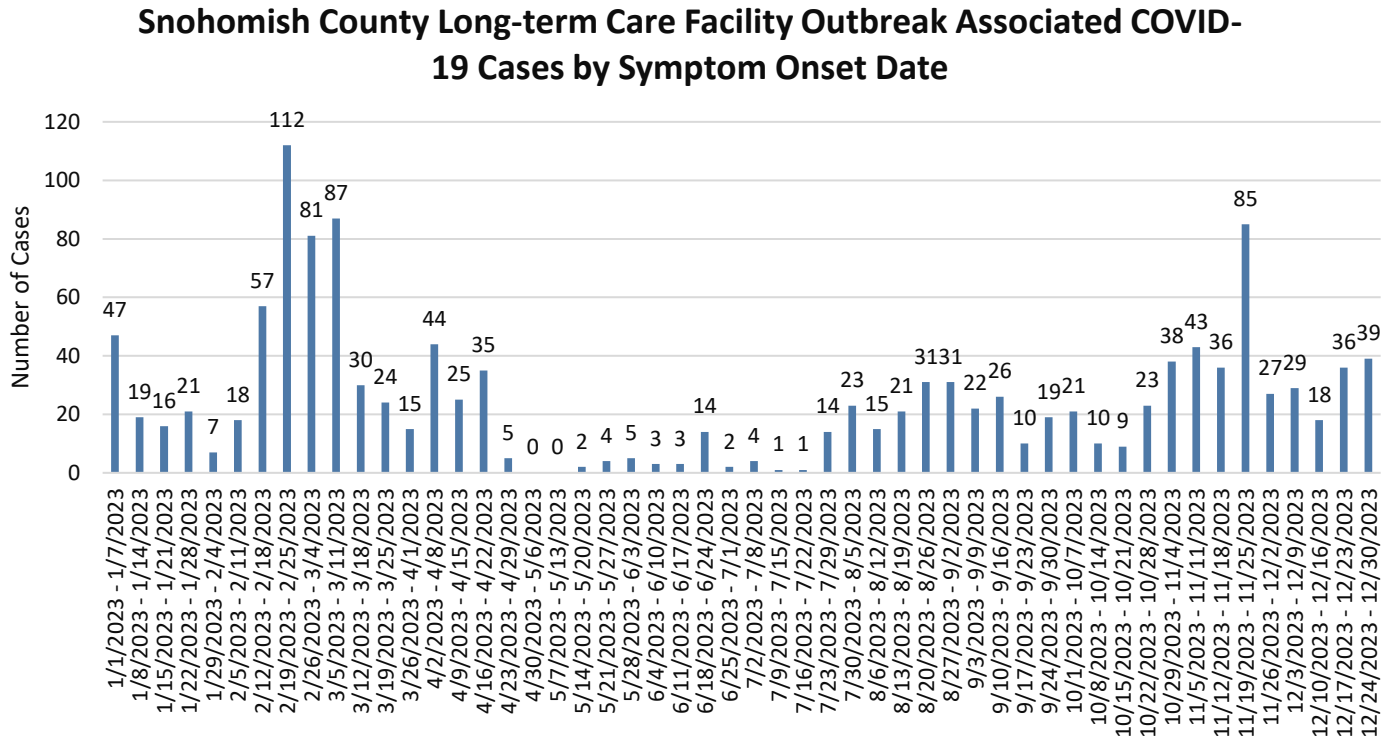
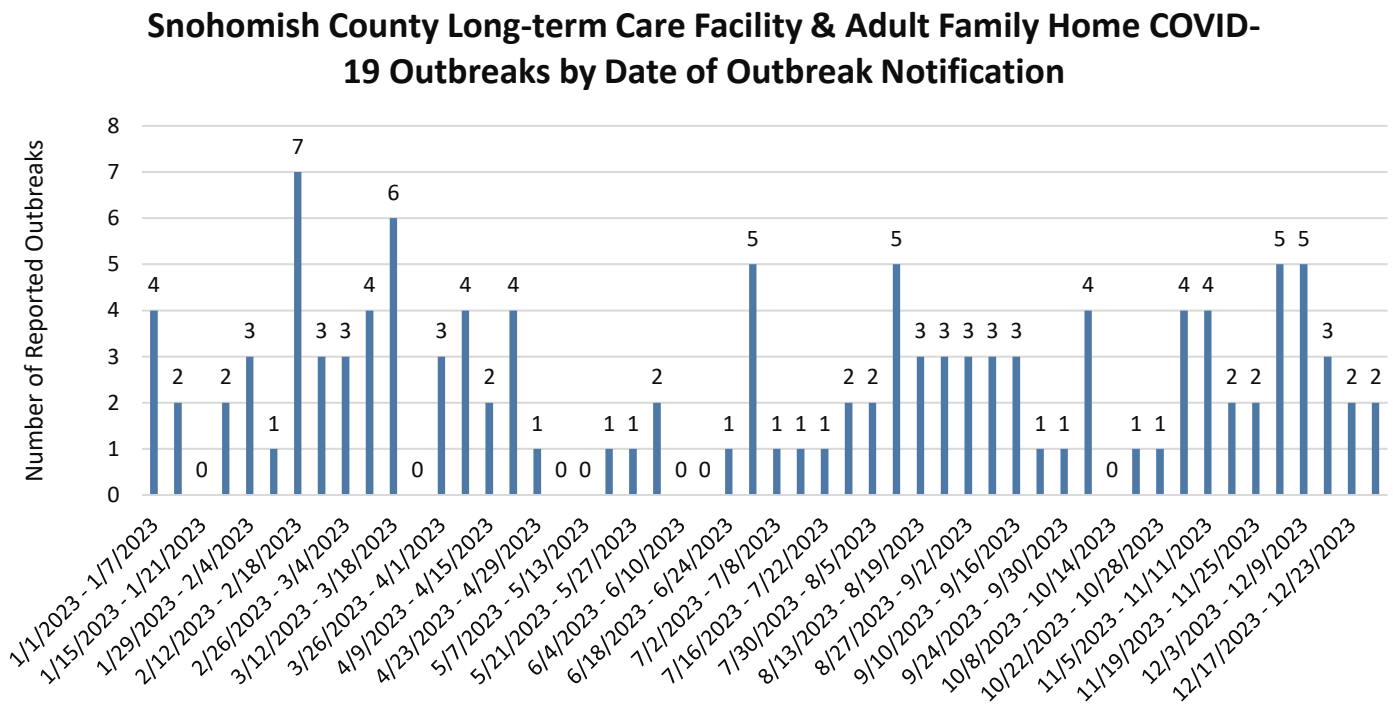


Figure 11: Number of LTCF and adult family home COVID-19 outbreaks by week of outbreak notification



COVID-19 Surveillance Report

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 Respiratory Illness Data Dashboard:
<https://doh.wa.gov/emergencies/covid-19/data-dashboard>