

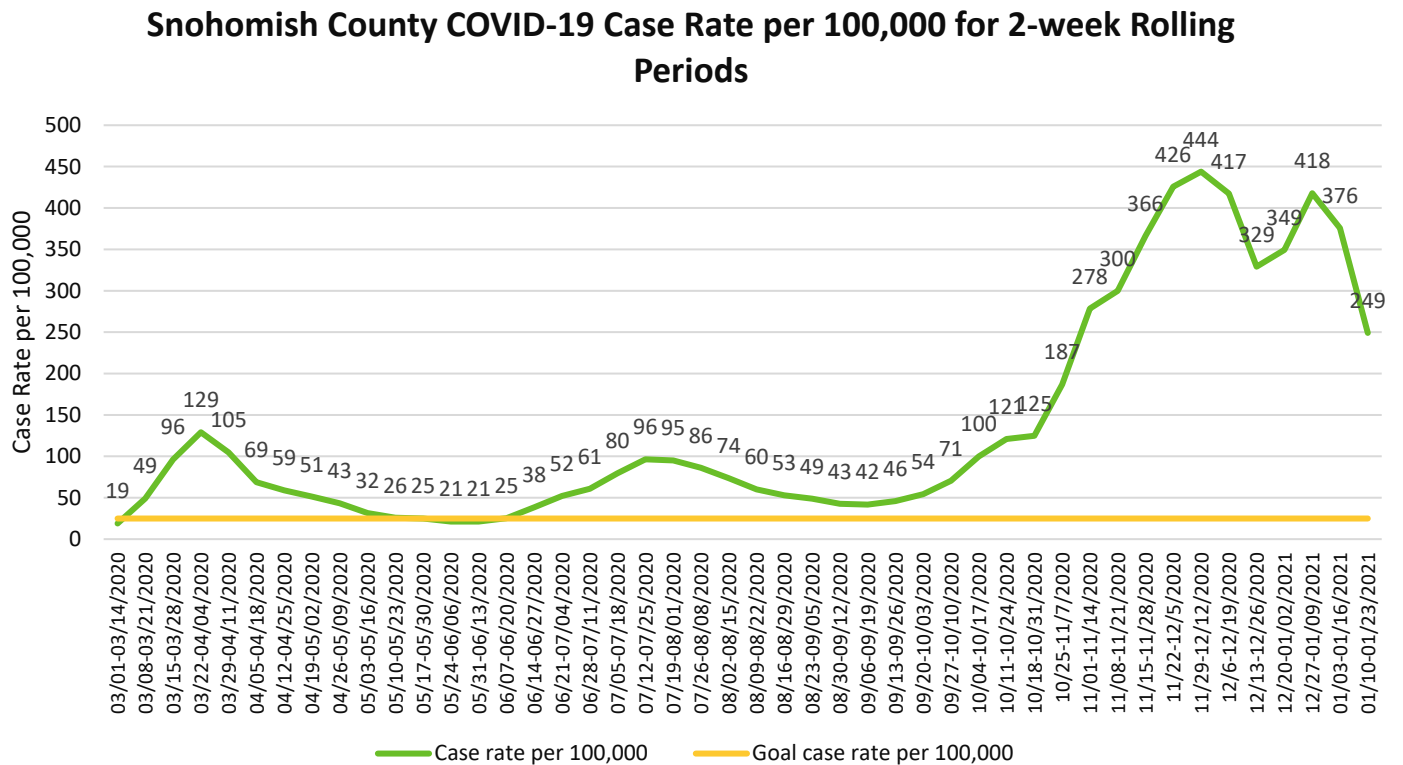
**SNOHOMISH HEALTH DISTRICT
BI-WEEKLY COVID-19 REPORT
JANUARY 10- JANUARY 23, 2021
RELEASED: FEBRUARY 2, 2021**

SUMMARY OF KEY COVID-19 ROADMAP TO RECOVERY METRICS

ONE-WEEK PERIOD COMPARISONS				
Metric	Definition	Current Jan 17-23	Prior Jan 10-16	Target
Activity	Cases per 100,000 population during the 14 days ending on the last day of the week (Fig. 1, p. 2) (1/3-1/16/2021 vs. 1/10-1/23/2021)	249	376	<25
	New hospitalizations per 100,000 population for the week	7.3	13.8	--
Healthcare System Readiness	Percentage of licensed acute care hospital beds occupied	91.3	93.1	<80%
	Percentage of licensed ICU care hospital beds occupied	81.9	82.9	<10%
	Percentage of licensed acute care hospital beds occupied by COVID-19 cases	10.8	14.7	<10%
Testing	Tests conducted by Health District	3,745	4,518	--
	Health District test positivity rate	8.5	9.8	<2%
TWO-WEEK PERIOD COMPARISONS				
Metric	Definition	Jan 10-Jan 23	Dec 27-Jan 9	Target
Case and contact investigations (pp. 13-14)	Percent of cases reached by phone or in person within 1 day of receipt of positive lab test report on a case	55%	32%	90%
	Percent of contacts reached by phone or in person within 2 days of receipt of positive lab test report on a case	76%	69%	80%
Protecting high-risk populations	Number of outbreaks reported by week (defined as 2 or more non-household cases epidemiologically linked within 14 days in a workplace, congregate living or institutional setting; Table 8, p. 8)	53	59	≤2
Notes: ¹ County-wide tests performed and county-wide positivity rate not available due to interruption of Washington State Department of Health's surveillance for and reporting of negative results by laboratories.				

COVID-19 EPIDEMIOLOGIC OVERVIEW

Figure 1: Snohomish County COVID-19 case rates per 100,000



Data source: Snohomish Health District COVID-19 database.

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Figure 2a: Number of Snohomish County COVID-19 cases by date of report

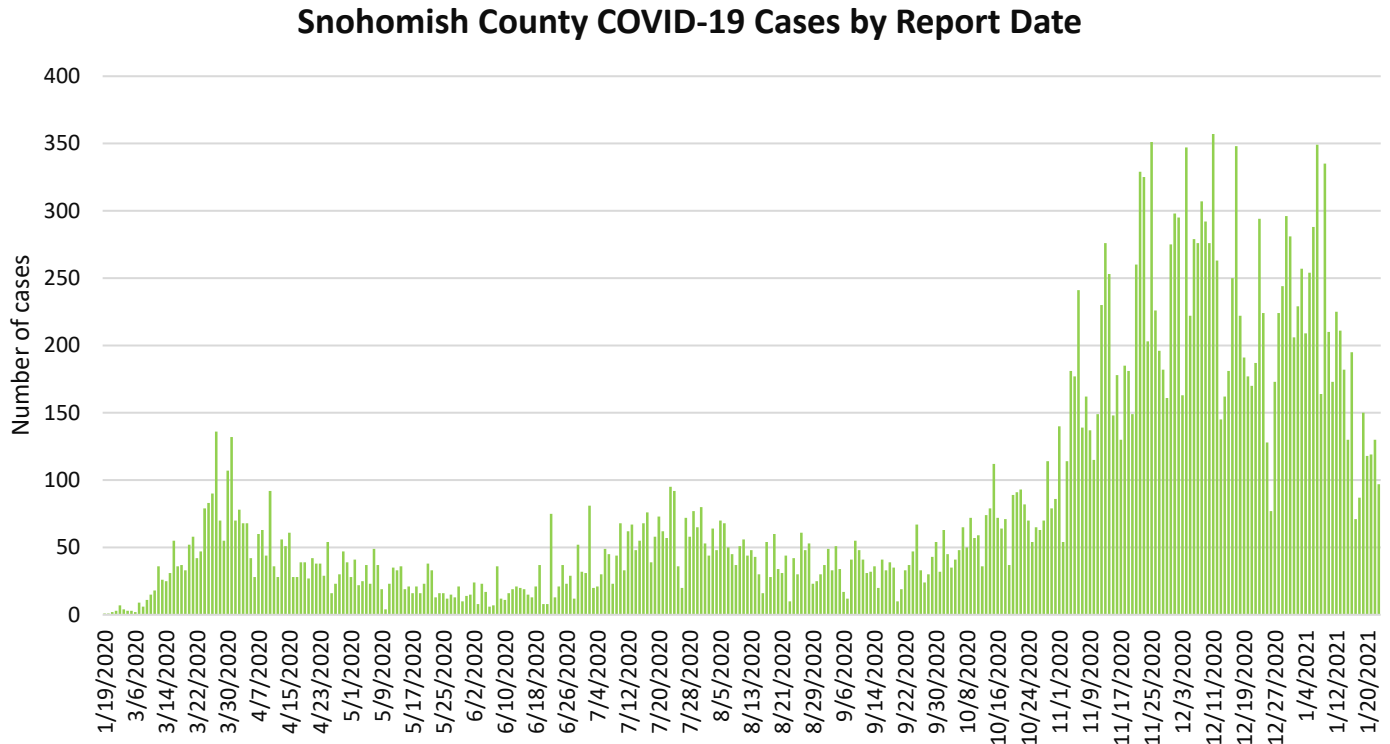
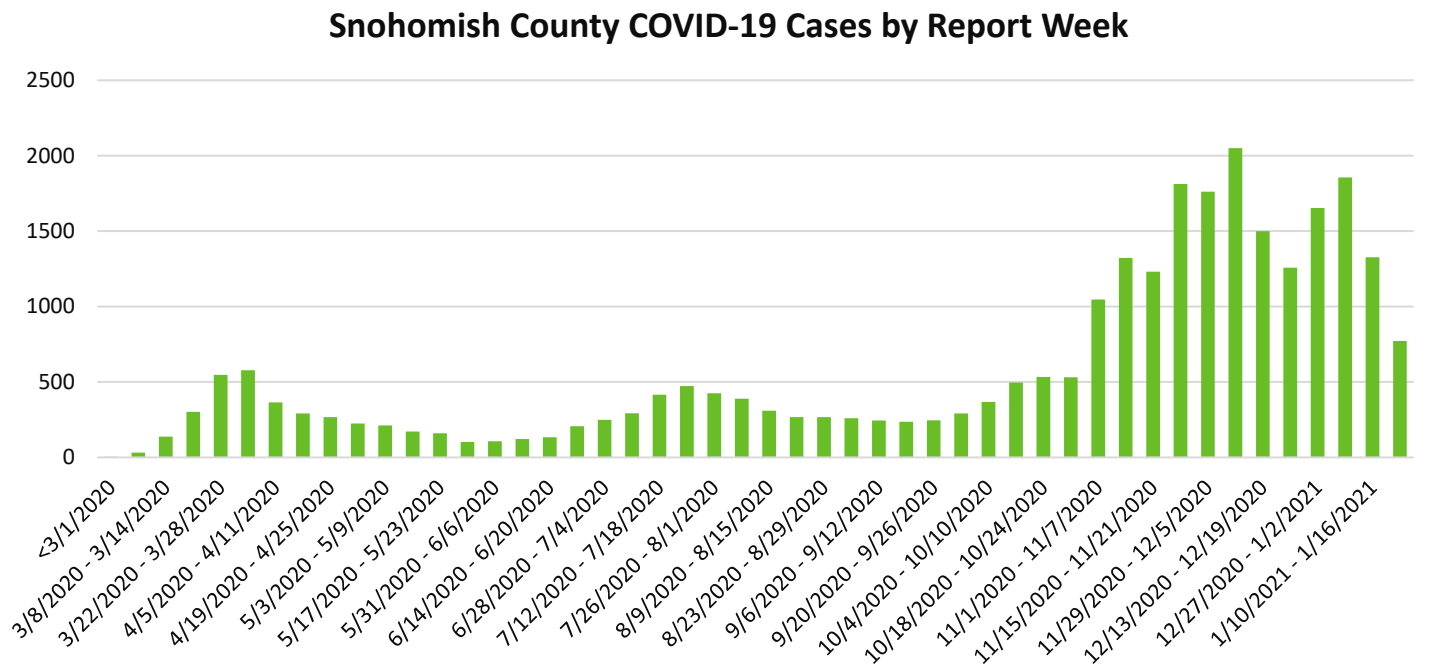
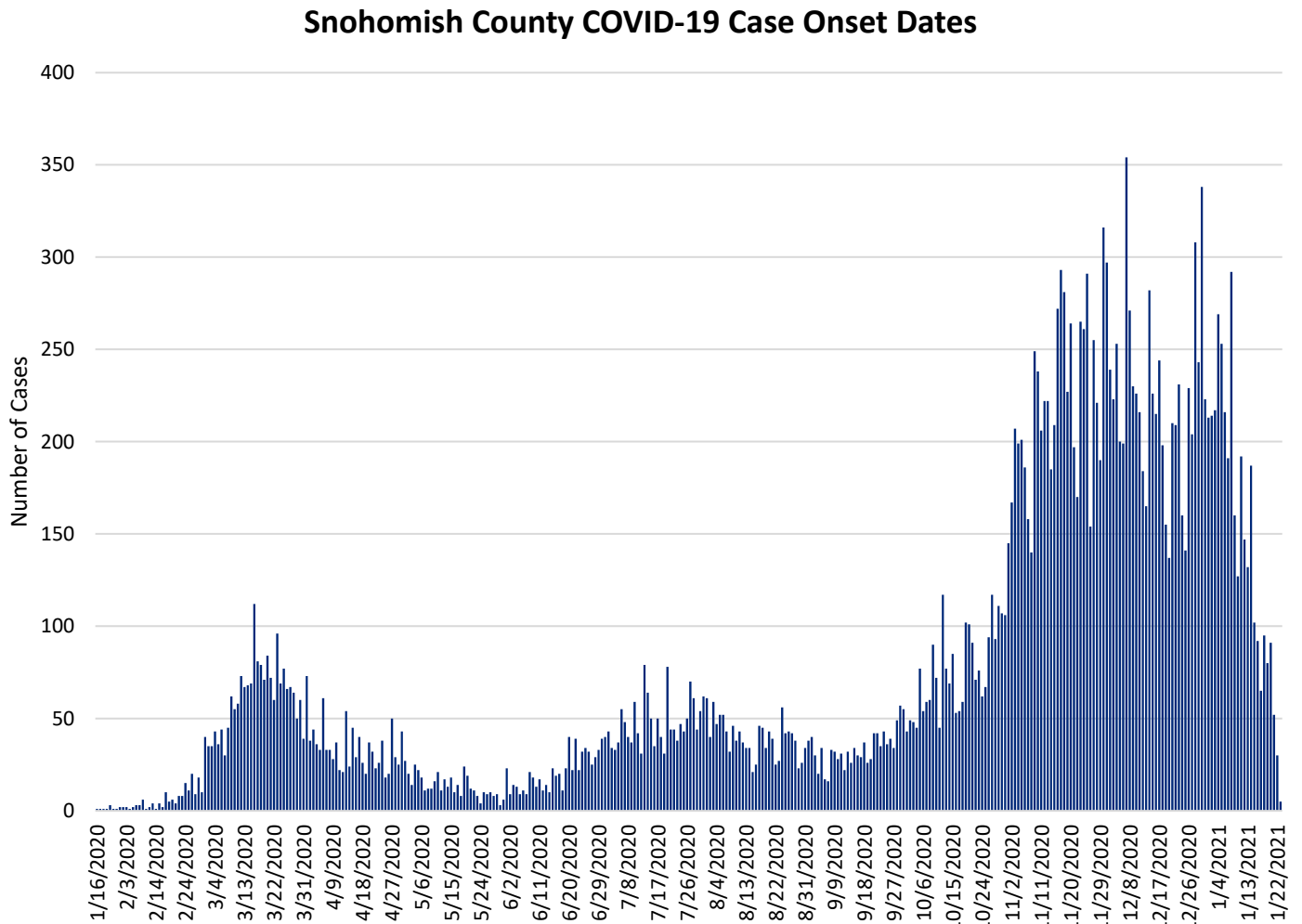


Figure 2b: Number of Snohomish County COVID-19 cases by week of report



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Figure 3: Snohomish County COVID-19 epidemiologic curve



Note: data for the most recent week (far right end) of the figure are not complete, and those counts are likely to increase with completion of pending investigations.

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Figure 4: Cumulative total COVID-19 cases in Snohomish County by report date

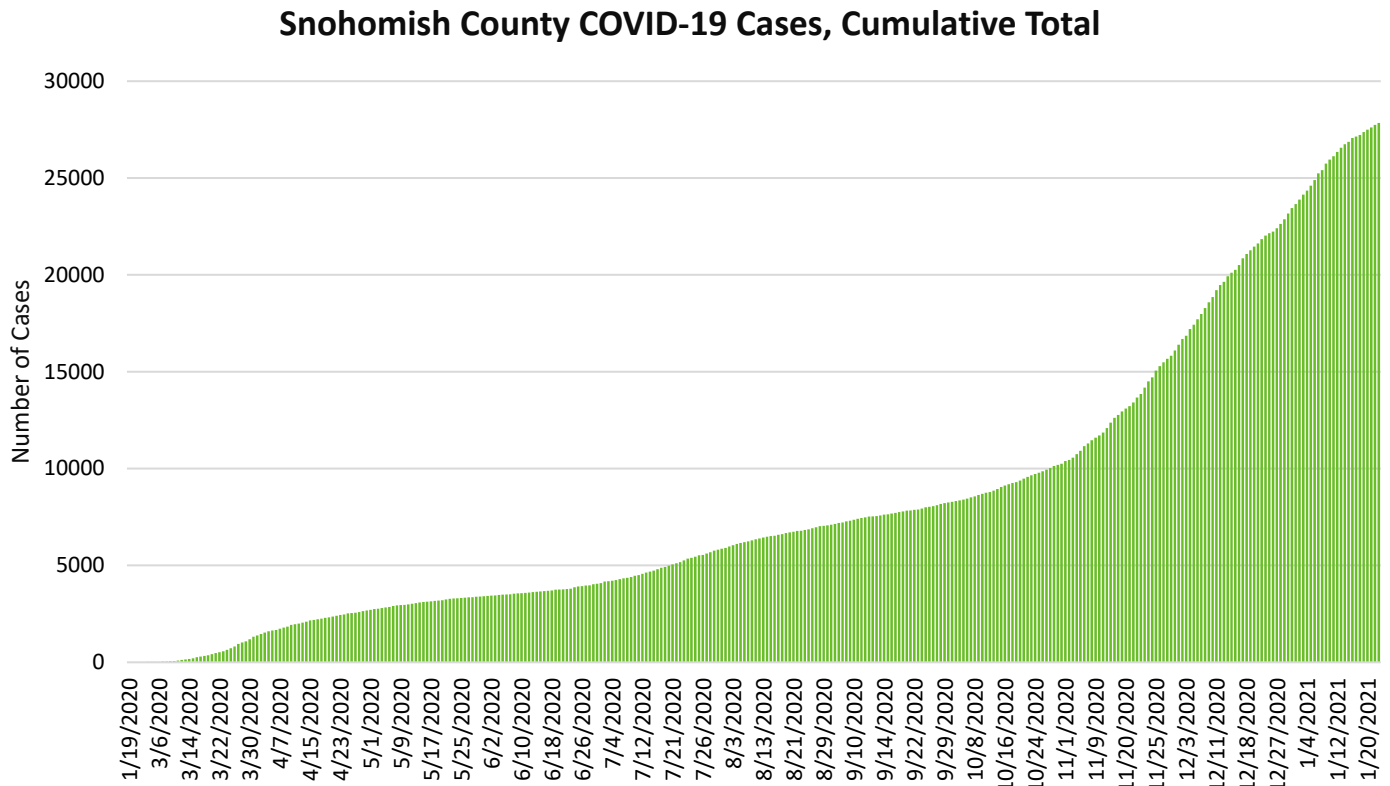


Table 1: Sex at birth of COVID-19 cases in Snohomish County

Sex at birth	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
Female	999	1725	13653
Male	1099	1800	14180
Unknown	0	0	3
Grand Total	2098	3525	27836

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Table 2: Age group of COVID-19 cases in Snohomish County

Age group in years	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
0-14	193	351	2442
15-19	153	225	1884
20-29	395	702	5390
30-39	391	631	5098
40-49	366	574	4459
50-59	291	481	3822
60-69	172	286	2416
70-79	71	151	1254
80+	64	122	1059
Unknown	2	2	12
Grand Total	2098	3525	27836

Figure 5: Snohomish County cumulative total COVID-19 cases by age group

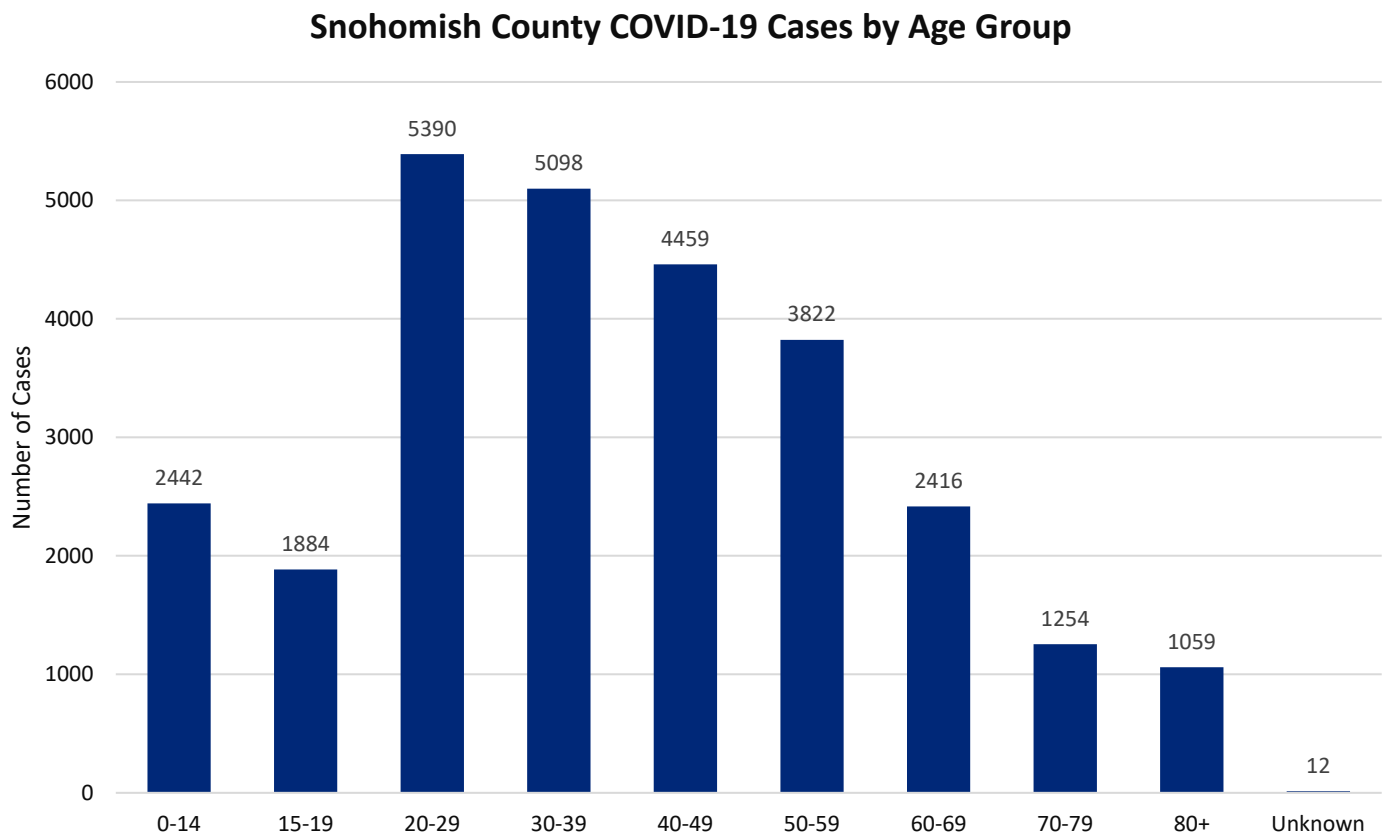
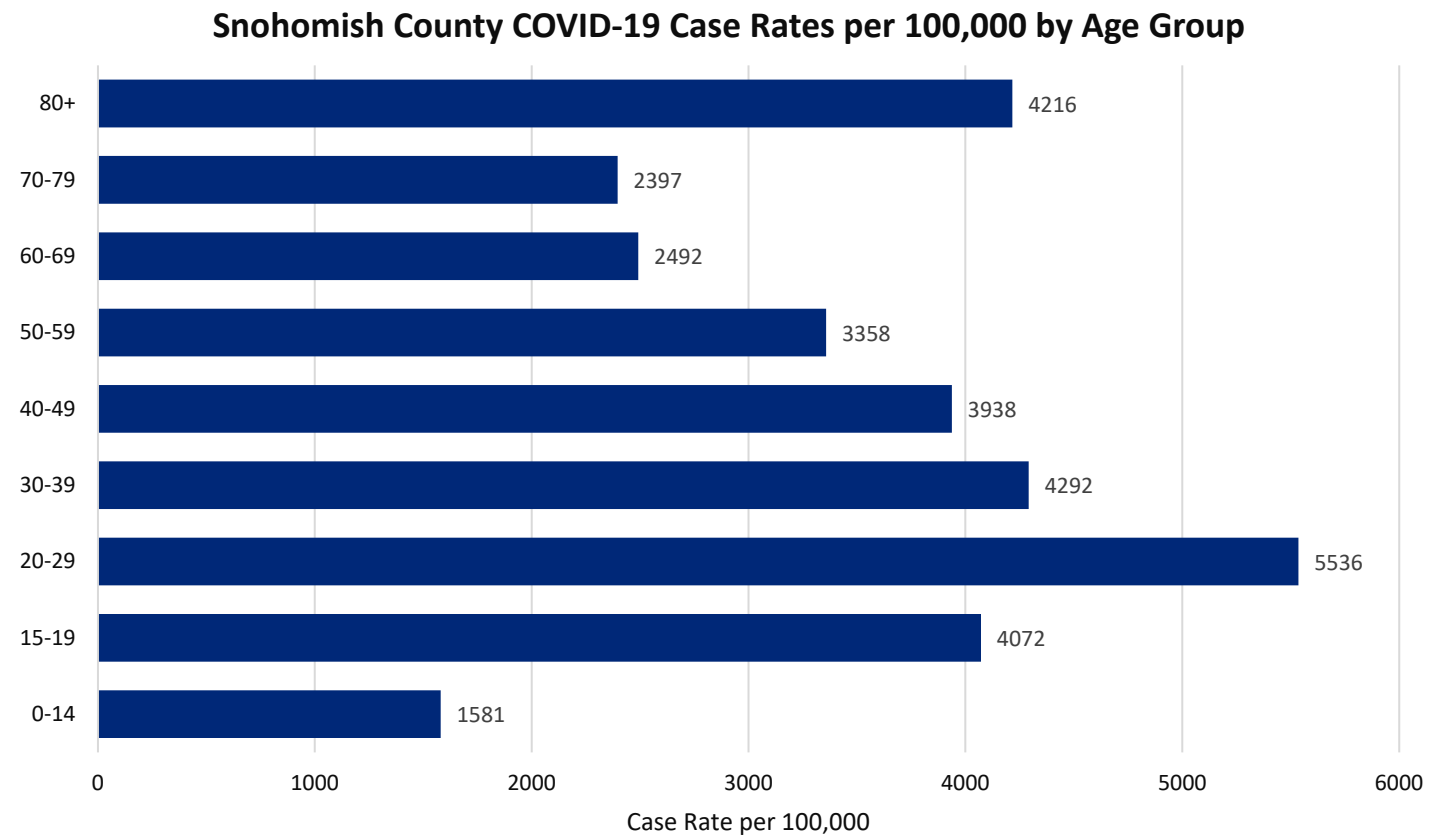
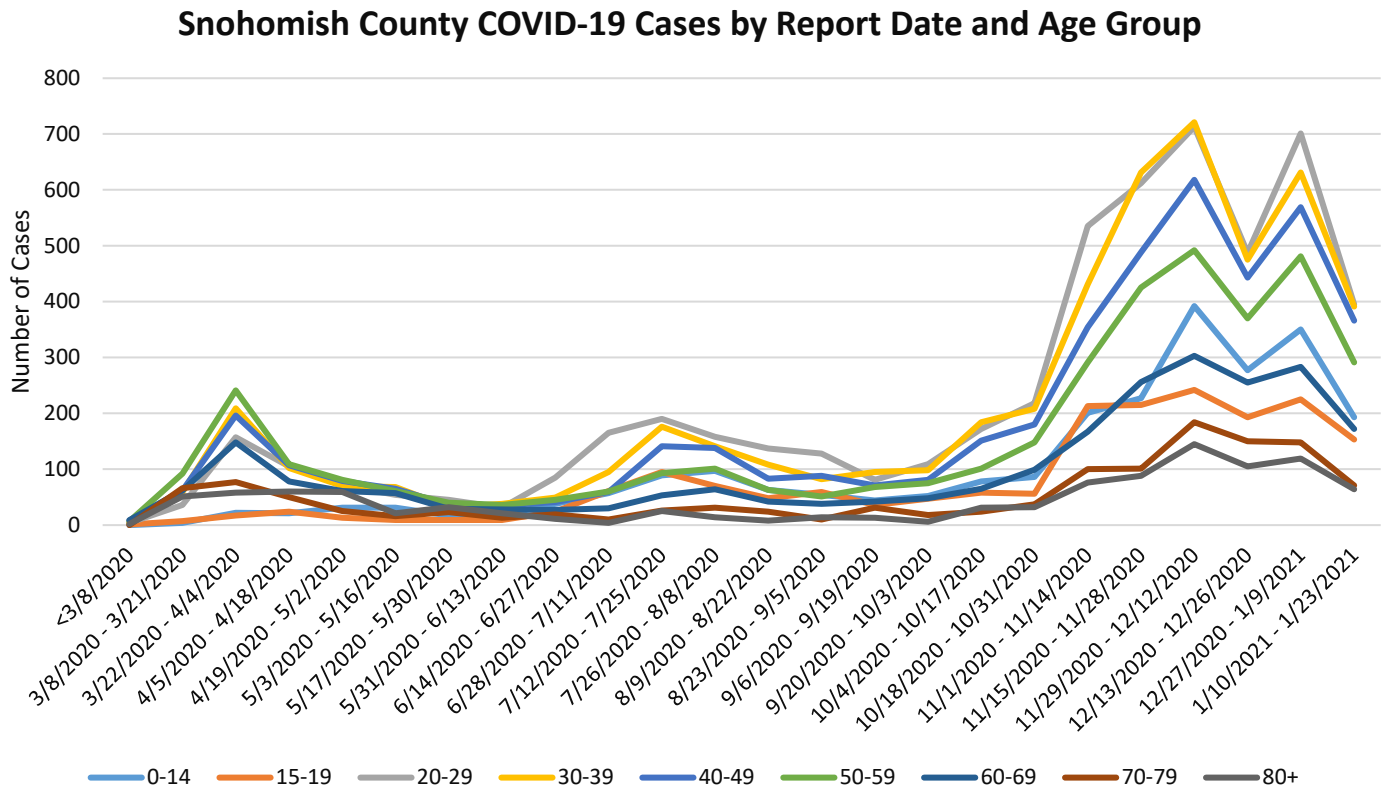


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group



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Figure 7: Number of COVID-19 cases by report date and age group



*Notes: As time intervals on the x-axis are shown in sequential weekly periods, findings here may lag behind changes noted in Table 2 above.

Table 3: Type of exposure among COVID-19 cases in Snohomish County

Type of exposure	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
Close contact	843	1194	10544
Community acquired	609	1029	9060
Long-term Care Facility Associated	68	174	1713
Healthcare Worker	<5	<5	476
Travel	0	0	152
Corrections	108	252	464
Nosocomial	0	<5	55
Unknown	468	871	5372
Grand Total	2098	3525	27836

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Figure 8: Type of exposure among Snohomish County COVID-19 cases by month of illness onset

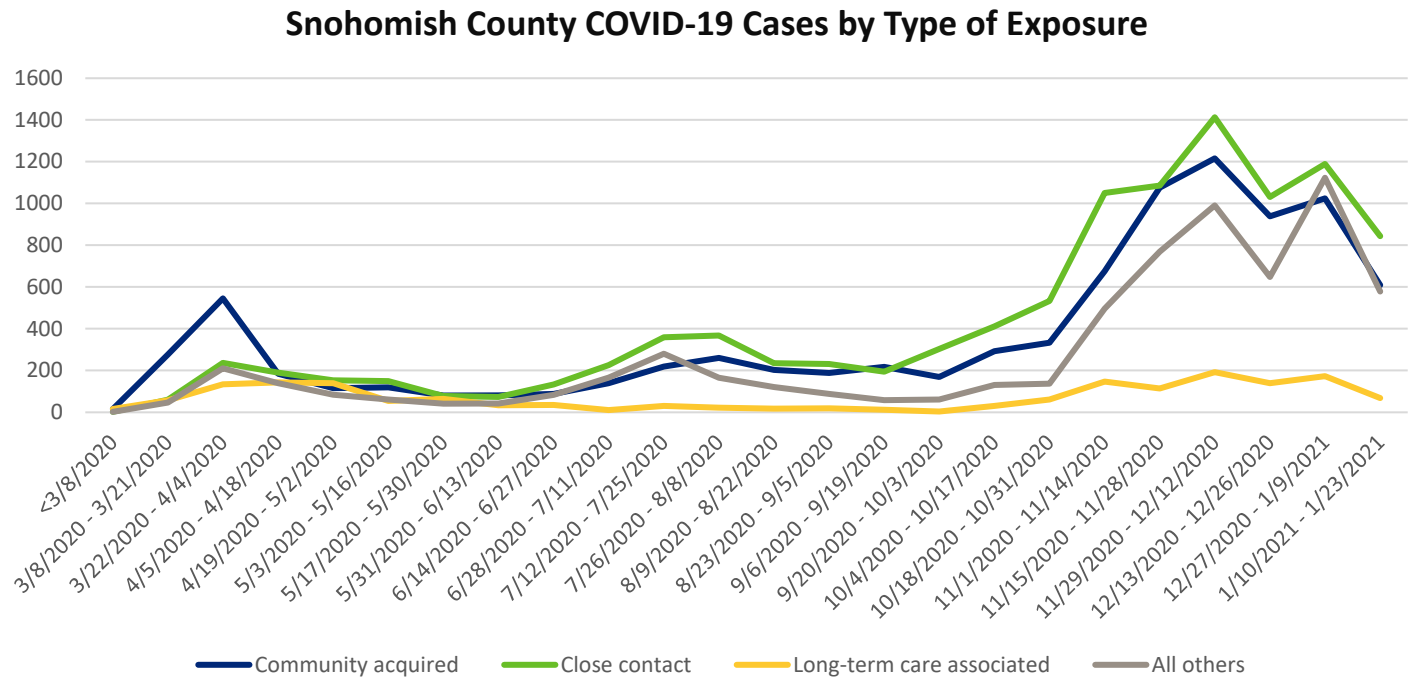


Table 4: Current case status of COVID-19 cases in Snohomish County

Current status	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	All cases 01/20/2020-present
Home isolation	1570	2450	3455
Hospitalized	20	44	38
Survived ¹	23	114	22640
Deceased	12	17	473
Unknown <28 days since case report	473	900	1230
Grand Total	2098	3525	27836
¹ No longer in isolation, not hospitalized at this time, not deceased, >28 days since case report			

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Table 5: Symptom status of confirmed COVID-19 cases in Snohomish County by month of report

Month	Asymptomatic (%)	Symptomatic (%)	Total
Jan-Feb	0 (0%)	5 (100%)	5
March	19 (1.7%)	1122 (98.3%)	1141
April	97 (7.5%)	1200 (95.5%)	1297
May	101 (14.9%)	575 (85.1%)	676
June	121 (20.6%)	466 (79.4%)	587
July	183 (17.4%)	868 (82.6%)	1051
August	96 (13.4%)	619 (86.6%)	715
September	64 (13%)	422 (87%)	486
October	164 (10.5%)	1400 (89.5%)	1564
November	404 (9.4%)	3876 (90.5%)	4280
December	820 (14.5%)	4844 (85.58%)	5664
Grand Total	2,069 (11.8%)	15,397 (88.2%)	17,466

Data source: WDRS, only includes confirmed cases with available symptom status data. This table is updated monthly.

Table 6: Hospitalization of COVID-19 cases in Snohomish County

Ever hospitalized	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
No	1514	2427	20632
Yes	51	102	1476
Unknown	533	996	5728
Grand Total	2098	3525	27836

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Table 7: COVID outbreaks by type

Type of outbreak	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
Adult family home	4	10	59
Agriculture	0	0	1
Bar	0	0	2
Behavioral health	2	0	3
Childcare	0	2	35
Community	0	0	1
Construction	3	3	39
Corrections	0	0	2
Dental	0	0	1
Emergency services	0	0	2
Faith based services	3	1	9
Financial Institution	0	0	5
Food processing	2	2	16
Government	2	1	12
Gym/Fitness Center	0	0	1
Healthcare provider	1	0	8
Home health	0	0	3
Hospital	0	0	6
Landscaping	0	0	7
Law enforcement	0	0	1
Leisure/recreation	0	0	8
Long-term care facility	0	4	87
Manufacturing	11	12	52
Personal Care and Services	3	0	8
Real estate	0	0	7
Restaurant	6	3	46
Retail	9	10	70
School	1	1	20
Service provider	2	7	30
Shelter	0	0	5
Social Event	1	2	7
Supported Living	0	0	2
Transportation	1	1	10
Utilities	1	0	4
Veterinary	0	0	2
Warehouse	0	0	2
Total number of outbreaks (number of cases)	53 (174)	59 (274)	573

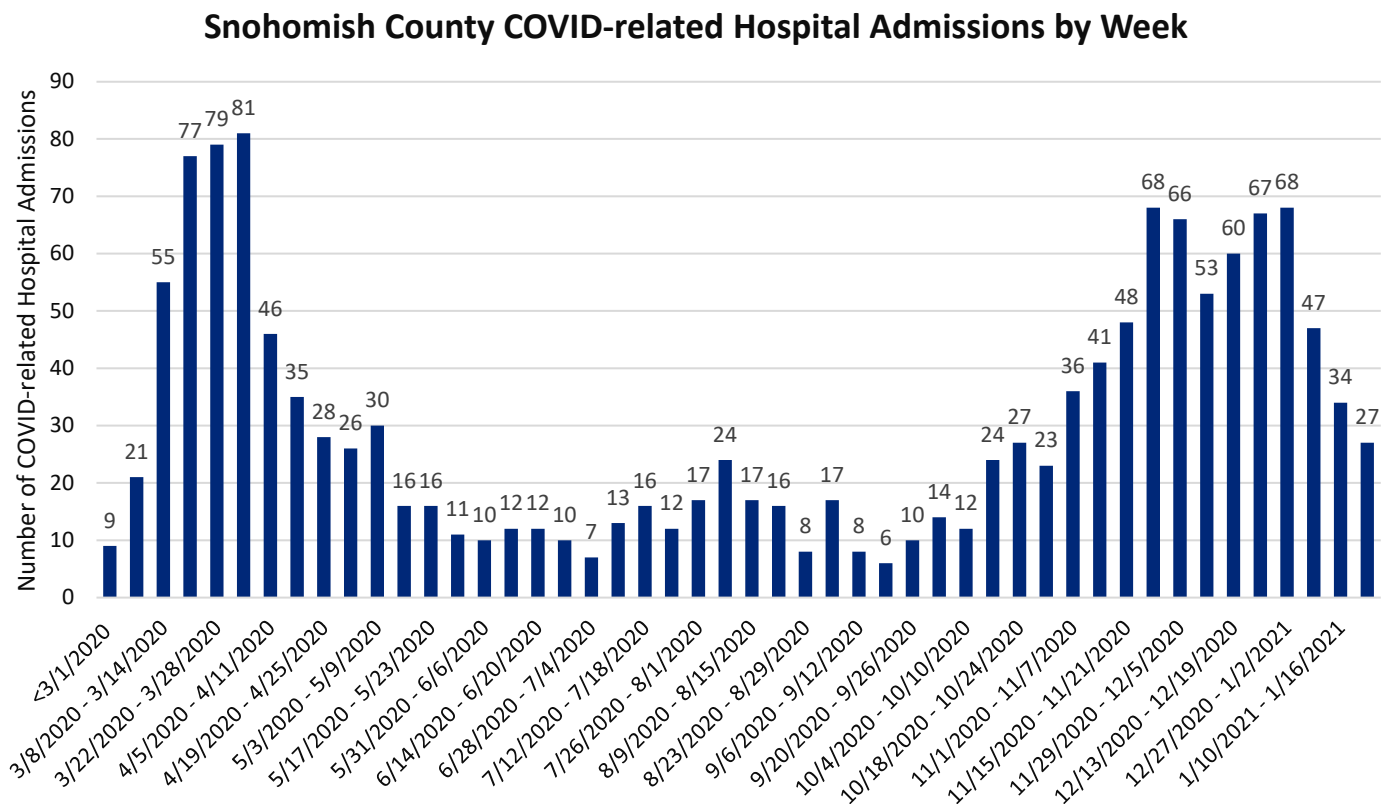
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Table 8: City of residence of COVID-19 cases in Snohomish County

City	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
Arlington	93	204	1409
Bothell	110	210	1834
Brier	6	27	126
Darrington	<5	<5	31
Edmonds	97	193	1663
Everett	503	740	7340
Gold Bar	12	18	99
Granite Falls	12	60	272
Index	<5	0	1
Lake Stevens	133	208	1577
Lynnwood	281	451	4054
Marysville	244	411	2839
Mill Creek	41	63	476
Monroe	171	386	1449
Mountlake Terrace	62	71	728
Mukilteo	50	79	539
North Lakewood	<5	0	6
Silvana	0	<5	10
Snohomish	161	214	1846
Stanwood	56	74	776
Startup	<5	<5	<5
Sultan	30	47	223
Tulalip	23	45	400
Woodinville	<5	15	80
Woodway	5	<5	39
Unknown	0	<5	15
Grand Total	2098	3525	27,836

COVID-19 CONTROL PROCESS INDICATORS

Figure 9: COVID-related hospital admissions by week



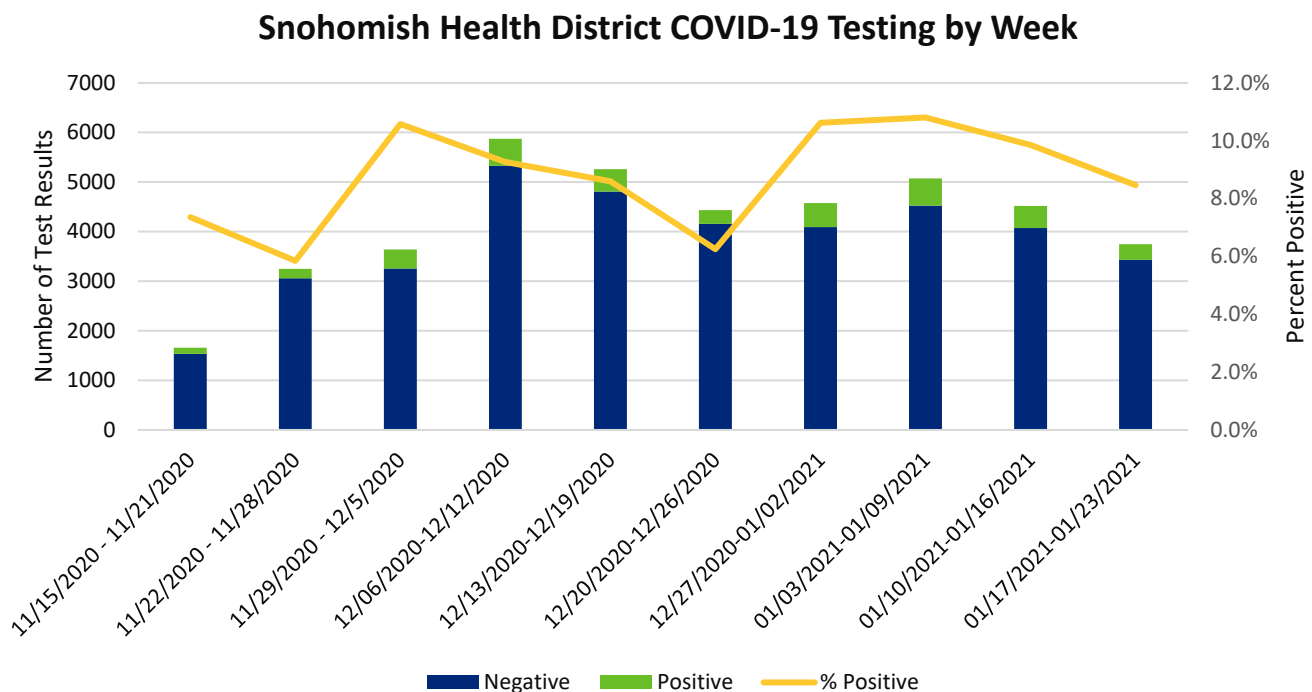
Data source: Snohomish Health District COVID-19 database

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Table 9: Snohomish Health District testing activity by week

Week	Tests Reported	Negative	Positive	% Positive
12/13/2020-12/19/2020	5260	4808	452	8.6%
12/20/2020-12/26/2020	4434	4157	277	6.2%
12/27/2020-01/02/2021	4576	4090	486	10.6%
01/03/2021-01/09/2021	5072	4524	548	10.8%
01/10/2021-01/16/2021	4518	4073	445	9.8%
01/17/2021-01/23/2021	3745	3428	317	8.5%
Total 12/27/2020-1/23/2021	17,911	16,115	1,796	10.0%

Figure 10: Snohomish Health District COVID-19 testing by week



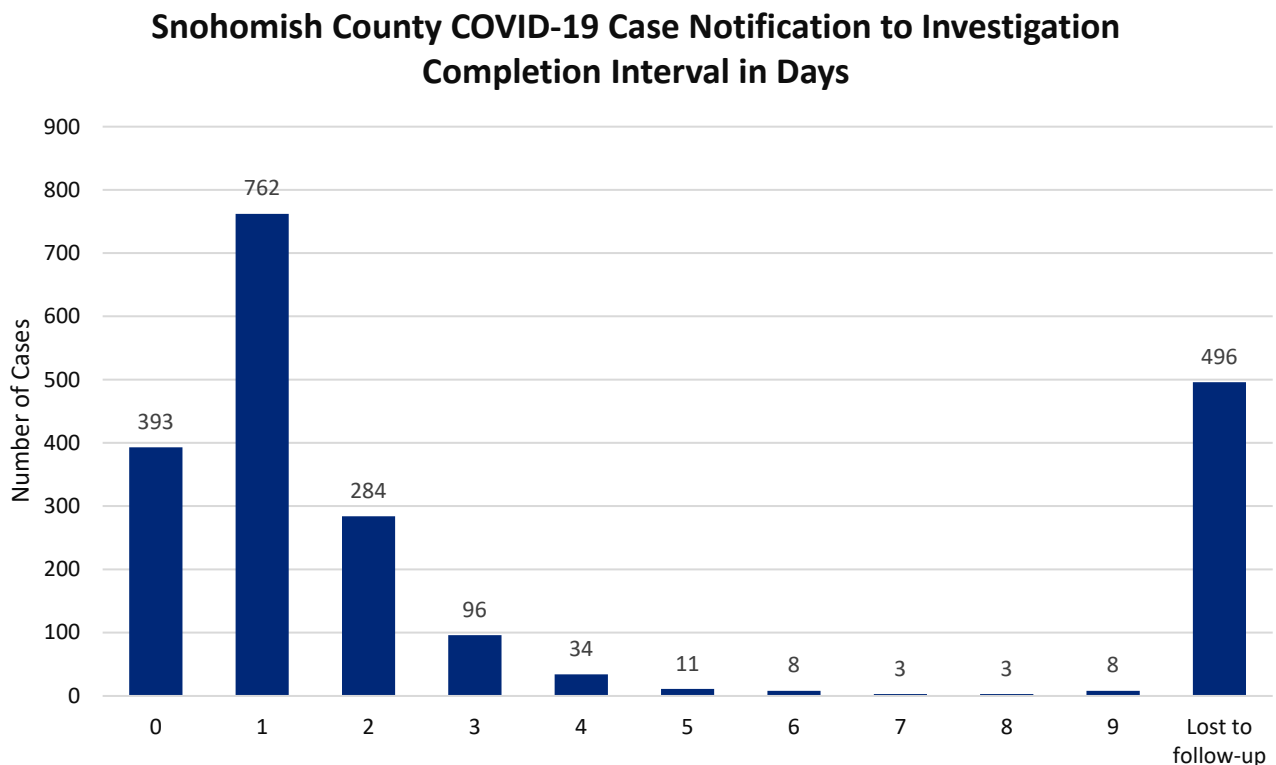
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Table 10: Percent of case investigations completed within 1 and 2 days of initial notification of case

2-week period	Cases Reported	Number contacted within 1 day	Percent contacted within 1 day	Number contacted within 2 days	Percent contacted within 2 days
10/4-10/17/2020	847	595	70%	653	100%
10/18-10/31/2020	1050	729	69%	847	126%
11/1-11/14/2020	2378	870	37%	1319	57%
11/15-11/28/2020	3092	768	25%	1354	57%
11/29-12/12/2020	2824	1039	37%	1754	60%
12/13-12/26/2020	2767	1174	42%	1685	61%
12/27-01/09/2021	3526	1143	32%	1822	52%
1/10-1/23/2021	2098	1155	55%	1439	69%

Data source: Snohomish Health District COVID-19 database. Includes PCR confirmed cases only

Figure 11: Case notification to investigation completion interval in days (1/10-1/23/2021)



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Table 11: Percent of identified contacts notified and quarantined within 2 days

Week	Contacts identified	Number contacted within 2 days	Percent contacted within 2 days
10/4-10/17/2020	1441	1052	73%
10/18-10/31/2020	1547	1161	75%
11/1-11/14/2020	2057	1258	61%
11/15-11/28/2020	1469	898	61%
11/29-12/12/2020	1692	984	58%
12/13-12/26/2020	1248	894	72%
12/27-1/09/2021	1089	706	65%
1/10-1/23/2021	1298	991	76%

Data source: Snohomish Health District contact database.

COVID-19 IN LONG-TERM CARE FACILITIES

Long-term Care Facility (LTCF) Associated COVID-19 Cases:

Figure 12: LTCF-associated COVID-19 cases by onset date

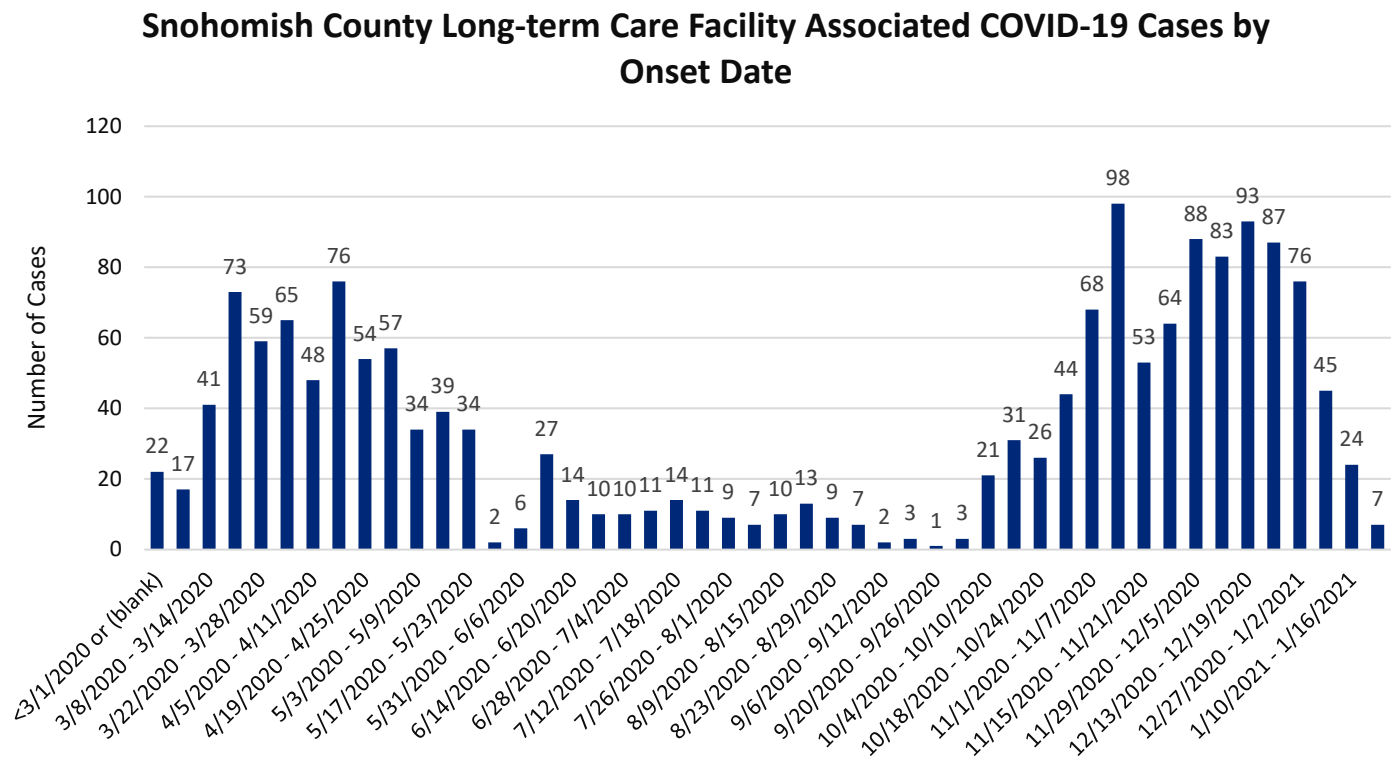


Table 12: Type of LTCF-associated COVID-19 case

Type	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
Resident	46	115	992
Staff	22	58	711
Other	0	1	10
Grand Total	68	174	1713

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Table 13: Current status of LTCF-associated COVID-19 cases

Current status	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	All cases 01/20/2020-present
Home isolation	50	117	111
Hospitalized	<5	10	10
Survived ¹	<5	0	1324
Deceased	5	10	242
Unknown <28 days from case report	10	37	26
Grand Total	68	174	1713
¹ No longer in isolation, not hospitalized at this time, not deceased, >28 days since case report			

Table 14: LTCF-associated cases ever hospitalized for COVID-19 illness

Ever hospitalized	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
No	46	101	1160
Yes	7	30	335
Unknown	15	43	218
Grand Total	68	174	1713

Table 15: Current COVID-19 outbreaks among long-term care facilities and adult family home (note only outbreaks with >5 cases are listed)

Facility	Number	Date outbreak reported	Date outbreak resolved*
Aldercrest Health and Rehab #3	96	11/30/2020	2/1/2021
Manor Care Lynnwood #2	76	11/30/2020	2/11/2021
Arlington Health and Rehab	51	10/8/2020	2/11/2021
Mukilteo Memory Care #2	39	12/10/2020	1/29/2021
Bethany at Silver Lake #3	39	10/23/2020	2/15/2021
Cascade Valley Senior Living Arlington	28	11/7/2020	1/24/2021
Brookdale Monroe #2	25	12/16/2020	2/8/2021
Everett Center #2	19	11/3/2020	2/2/2021
North Creek Assisted Living #2	11	11/20/2020	2/8/2021
Pacifica Senior Living Snohomish	10	12/24/2020	1/25/2021
Anngelou Adult Family Home	9	12/23/2020	1/25/2021
Fieldstone Memory Care of Marysville #2	9	12/28/2020	1/25/2021
Aegis of Lynnwood #2	8	11/24/2020	1/30/2021
Bothell Health Care #3	8	11/23/2020	2/2/2021
Lynnwood Post Acute #3	7	1/8/2021	1/25/2021
Woodhaven Lynnwood	7	1/4/2021	1/26/2021
Quail Park of Lynnwood	6	12/23/2020	1/28/2021
Prestige Post Acute Rehab Edmonds #2	6	12/7/2020	1/29/2021

*Date outbreak resolved is calculated as 28 days from the last case onset date.

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COVID-19 DEATHS

Figure 13: Snohomish County COVID-19 related deaths by date of death

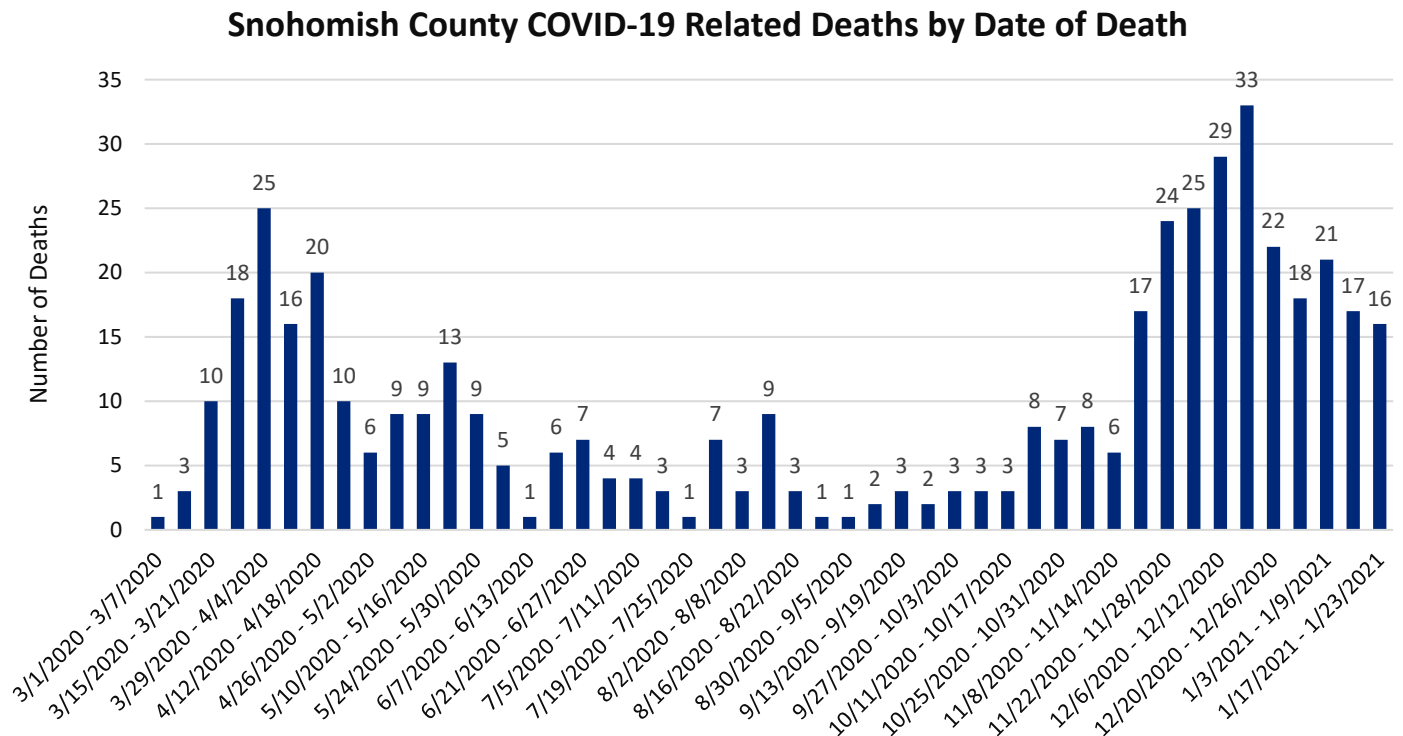


Table 16: Gender of COVID-19 related deaths in Snohomish County by case report date

Sex at birth	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
Female	8	15	235
Male	3	2	236
Grand Total	11	17	471

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Table 17a: Age group of COVID-19 related deaths in Snohomish County by report week

Age group in years	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
20-29	0	0	4
30-39	0	0	3
40-49	0	0	19
50-59	0	1	24
60-69	0	4	62
70-79	3	2	119
80+	8	10	240
Grand Total	11	17	471

Table 17b. Age group of COVID-19 related deaths in Snohomish County – all deaths

Age group in years	Number	Percent	Death rate per 100,000 population	Case Fatality Rate (%)
20-29	4	0.8%	Not calculated <5	0.1%
30-39	3	0.6%	Not calculated <5	0.1%
40-49	19	4.0%	16.8	0.4%
50-59	24	5.1%	21.1	0.6%
60-69	62	13.2%	63.9	2.6%
70-79	119	25.3%	227.4	9.5%
80+	240	51.0%	955.6	22.7%
Grand Total	471	100.0%	56.7	1.7%

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Figure 14: Number of Snohomish County COVID-19 related deaths by age group

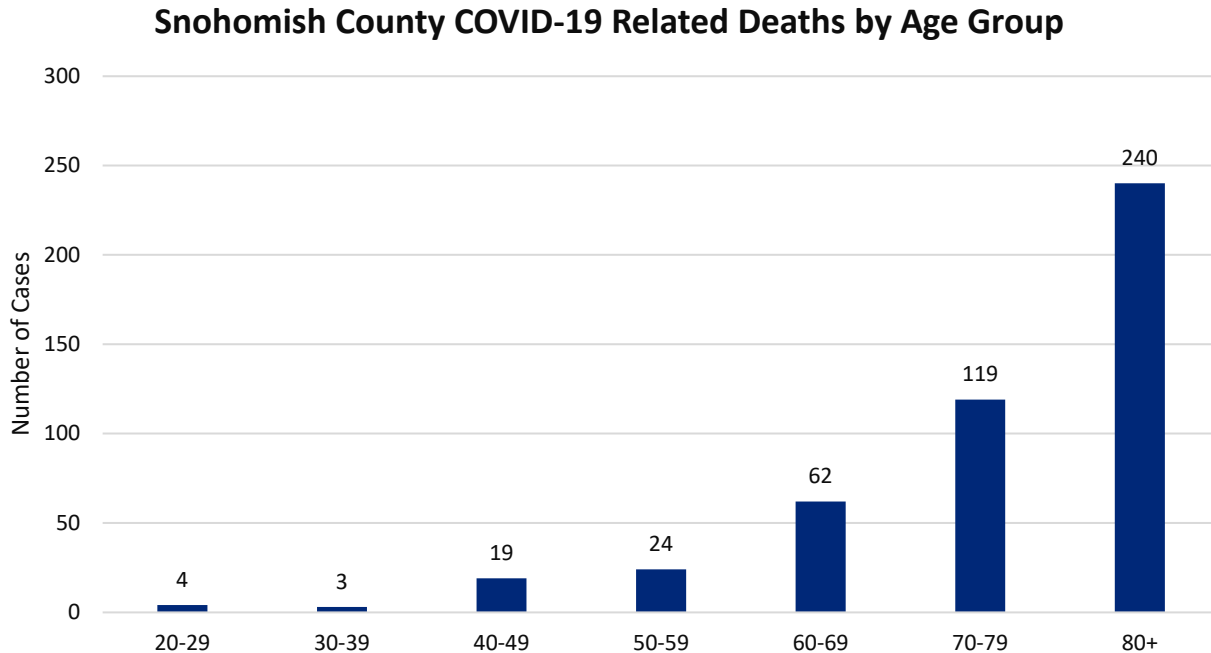


Table 18: Underlying health conditions of COVID-19 related deaths in Snohomish County

Underlying health condition	Number	Percent
Yes	437	92.8%
No	21	4.5%
Unknown	13	2.8%
Grand Total	471	100.0%

Table 19: Hospitalization of COVID-19 related deaths in Snohomish County

Ever hospitalized	Number	Percent
Yes	335	71.1%
No	134	28.5%
Unknown	2	0.4%
Grand Total	471	100.0%

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Table 20: Type of exposure among COVID-19 related deaths in Snohomish County

Type of exposure	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
Long-term care facility associated	5	10	242
Community acquired	2	4	128
Close contact	3	0	47
Nosocomial	0	0	18
Travel	0	0	2
Unknown	1	2	34
Grand Total	11	17	471

Table 21: City of residence of COVID-19 related deaths in Snohomish County

City	Current 2-Week Period 1/10-1/23/2021	Prior 2-Week Period 12/27-1/9/2021	Cumulative 01/20/2020-present
Arlington	<5	0	29
Bothell	0	0	22
Darrington	0	0	<5
Edmonds	0	0	52
Everett	<5	<5	125
Granite Falls	0	0	<5
Gold Bar	0	<5	<5
Lake Stevens	<5	0	17
Lynnwood	<5	<5	58
Marysville	<5	<5	56
Mill Creek	<5	0	7
Monroe	<5	<5	25
Mountlake Terrace	0	<5	6
Mukilteo	0	<5	5
Snohomish	<5	<5	15
Stanwood	0	<5	40
Sultan	0	0	<5
Tulalip	0	0	6
Woodinville	0	0	<5
Grand Total	11	17	471