

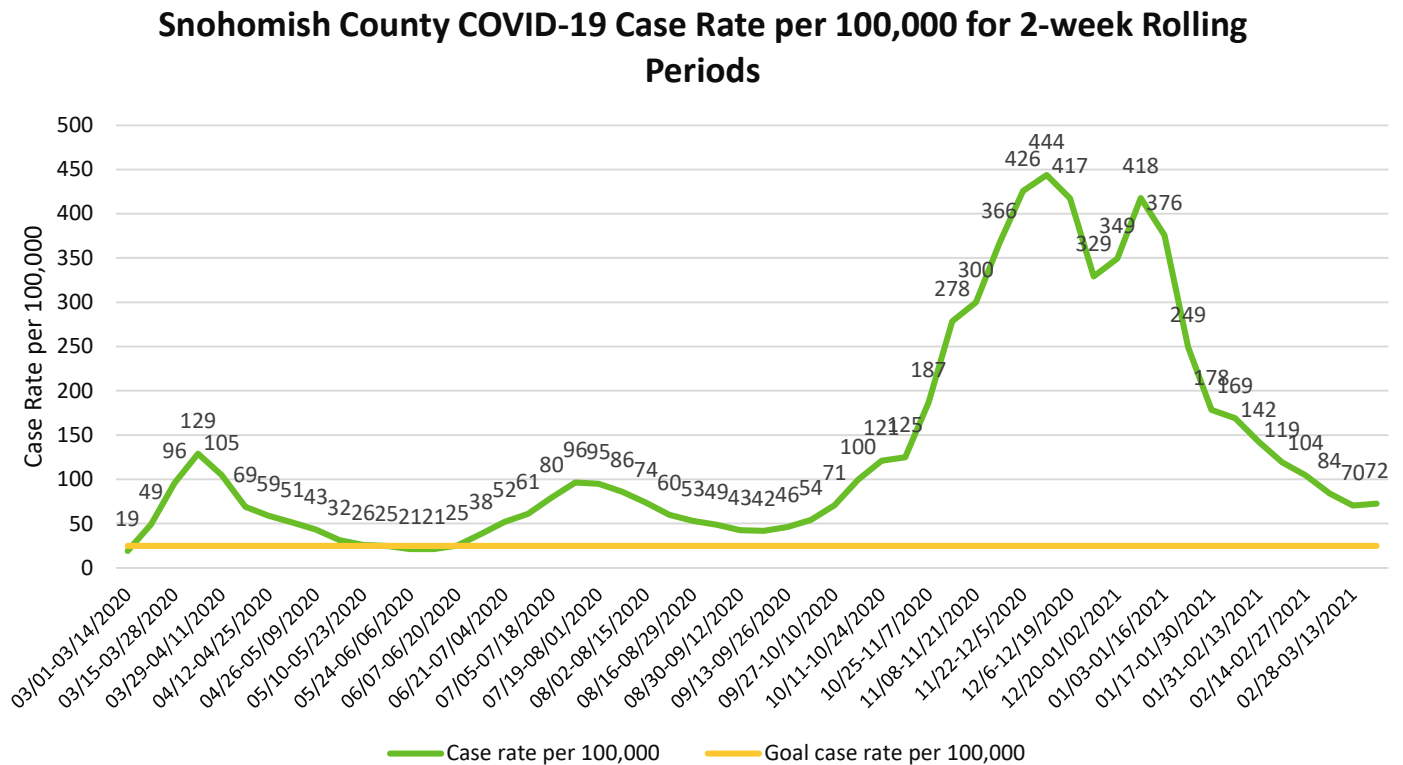
**SNOHOMISH HEALTH DISTRICT
BI-WEEKLY COVID-19 REPORT
MARCH 7 – MARCH 20, 2021
RELEASED: MARCH 29, 2021**

SUMMARY OF KEY COVID-19 ROADMAP TO RECOVERY METRICS

ONE-WEEK PERIOD COMPARISONS				
Metric	Definition	Current Mar 14-Mar 20	Prior Mar 7-Mar13	Target
Activity	Cases per 100,000 population during the 14 days ending on the last day of the week (Fig. 1, p. 2) (2/28-3/13/2021 vs. 3/7-3/20/2021)	72	70	<25
	New hospitalizations per 100,000 population for the week	1.7	1.7	--
Healthcare System Readiness	Percentage of licensed acute care hospital beds occupied	85.6	84.5	<80%
	Percentage of licensed ICU care hospital beds occupied	79.3	75.8	<10%
	Percentage of licensed acute care hospital beds occupied by COVID-19 cases	3.8	3.6	<10%
Testing¹	Tests conducted by Health District	2,051	1,861	--
	Health District test positivity rate	5.0	5.0	<2%
	Test conducted county-wide	6,383	9,447	--
	County-wide positivity rate	5.4	2.8	<2%
Notes: ¹ County-wide testing data c/o Washington State Department of Health				

COVID-19 EPIDEMIOLOGIC OVERVIEW

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



Data source: Snohomish Health District COVID-19 database.

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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

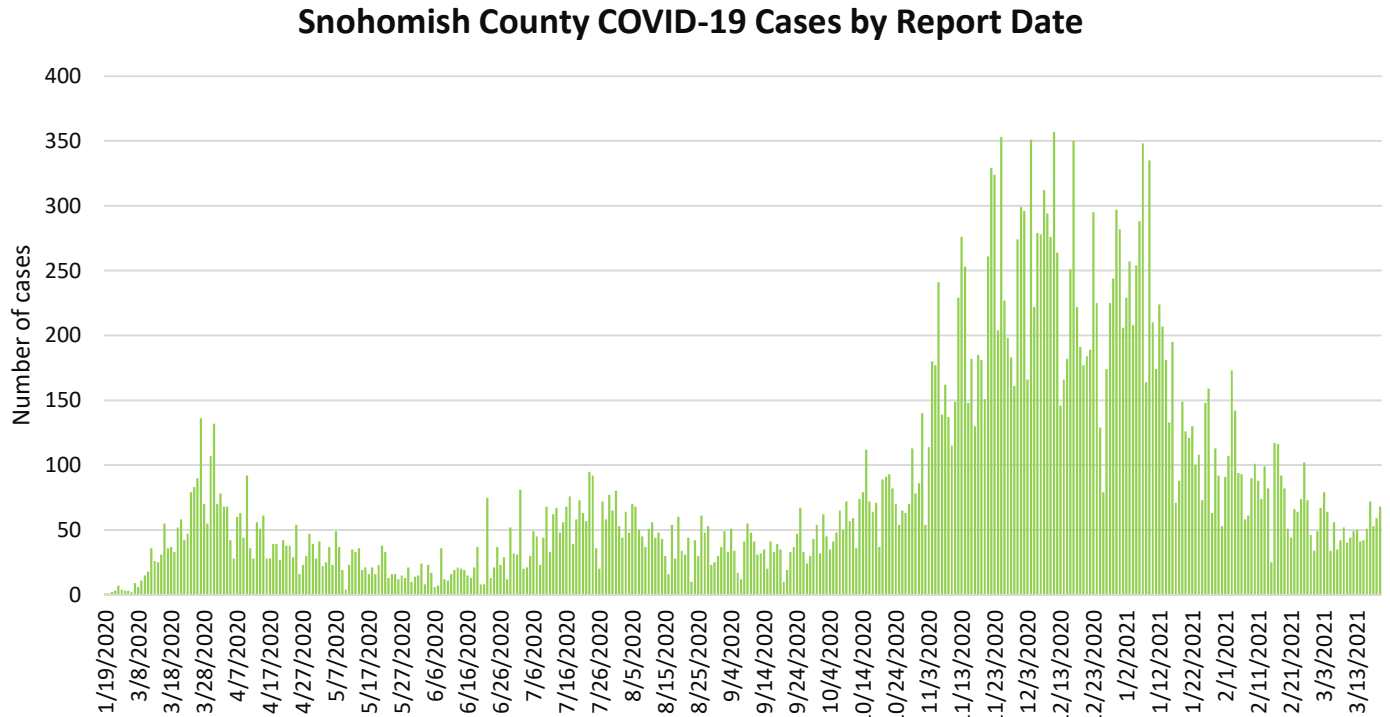
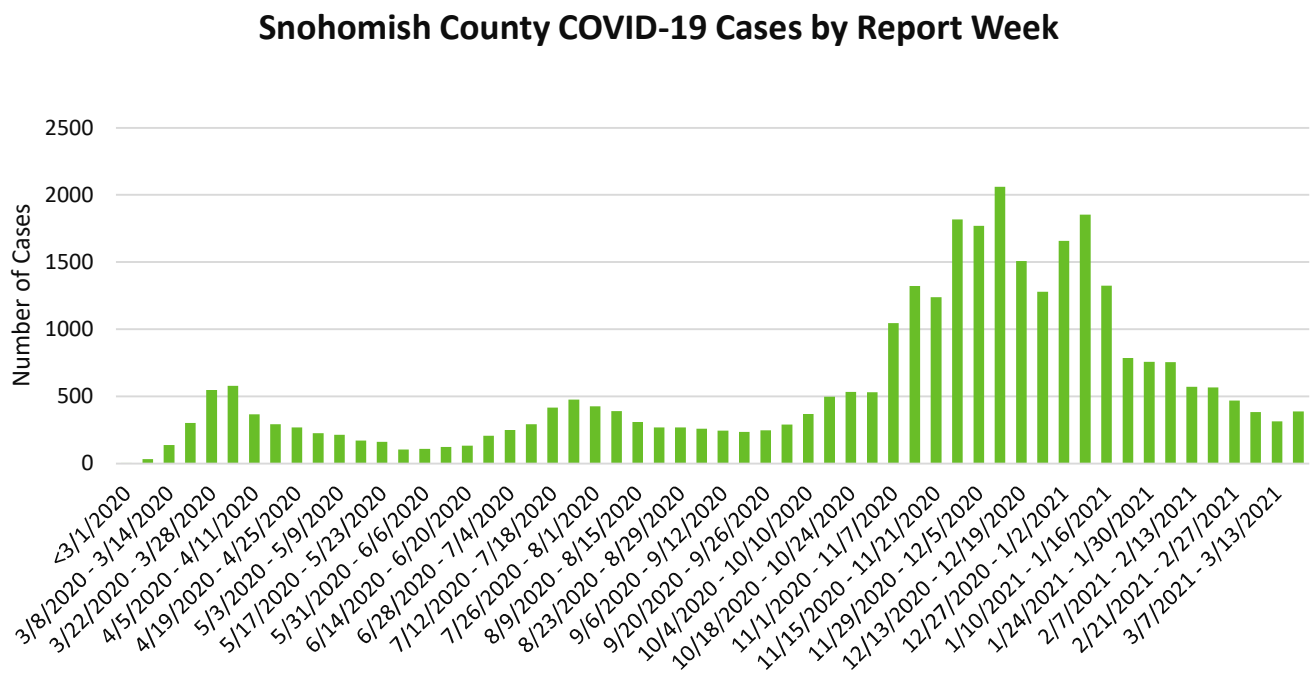
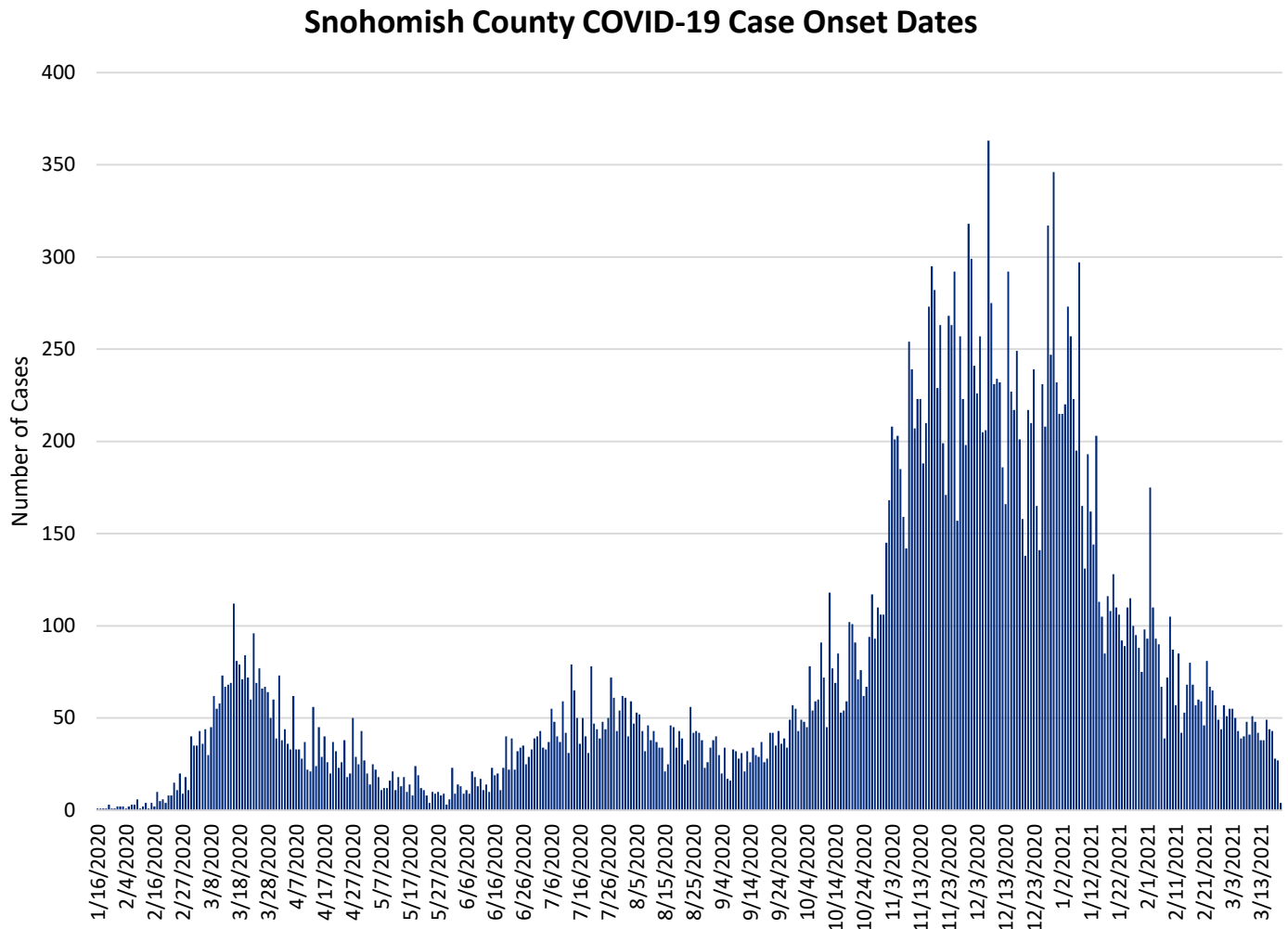


Figure 2b: Number of Snohomish County COVID-19 cases by week of report



BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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.

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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

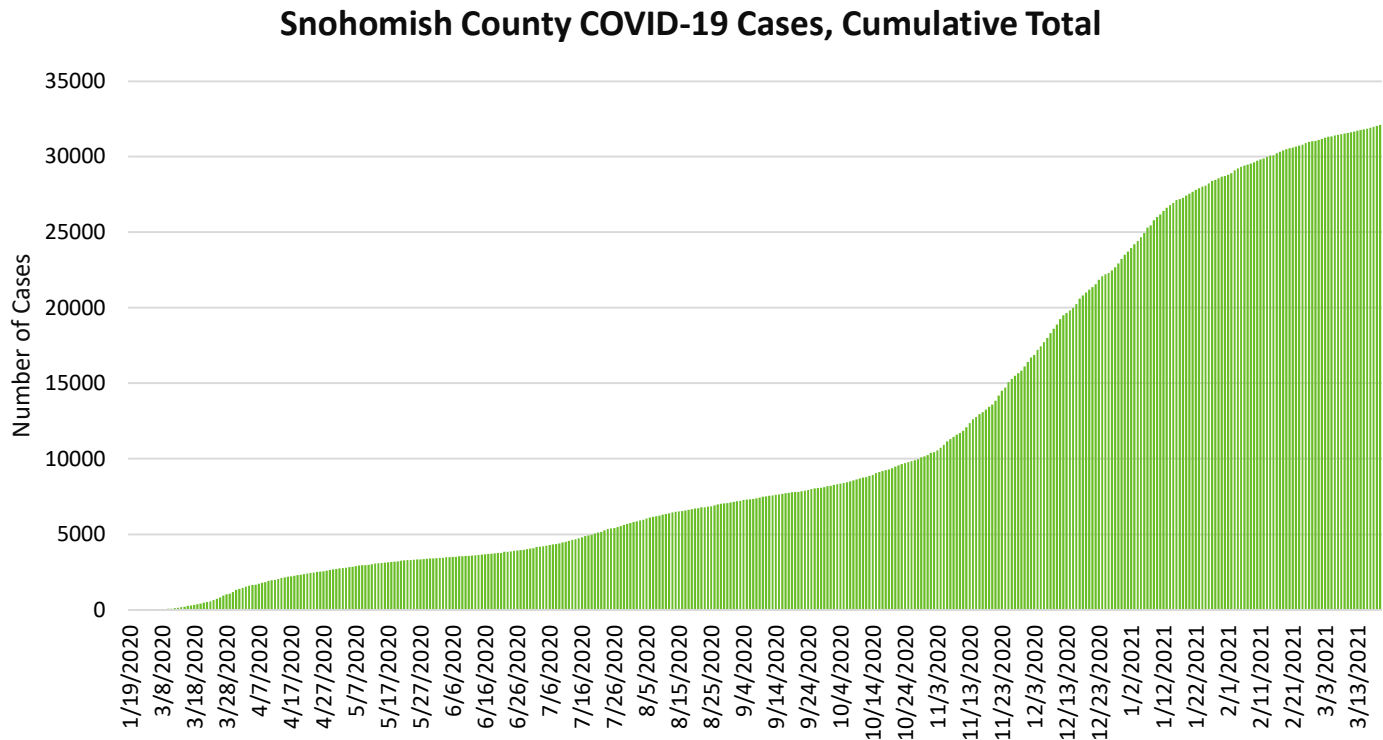


Table 1: Sex at birth of COVID-19 cases in Snohomish County

Sex at birth	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
Female	325	388	15,935
Male	373	465	16,159
Unknown	0	0	7
Grand Total	698	853	32,101

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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

Age group in years	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
0-14	83	127	2,960
15-19	45	56	2,177
20-29	144	145	6,130
30-39	130	164	5,860
40-49	103	145	5,195
50-59	110	106	4,424
60-69	54	75	2,789
70-79	21	21	1,393
80+	8	14	1,162
Unknown	0	0	11
Grand Total	698	853	32,101

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

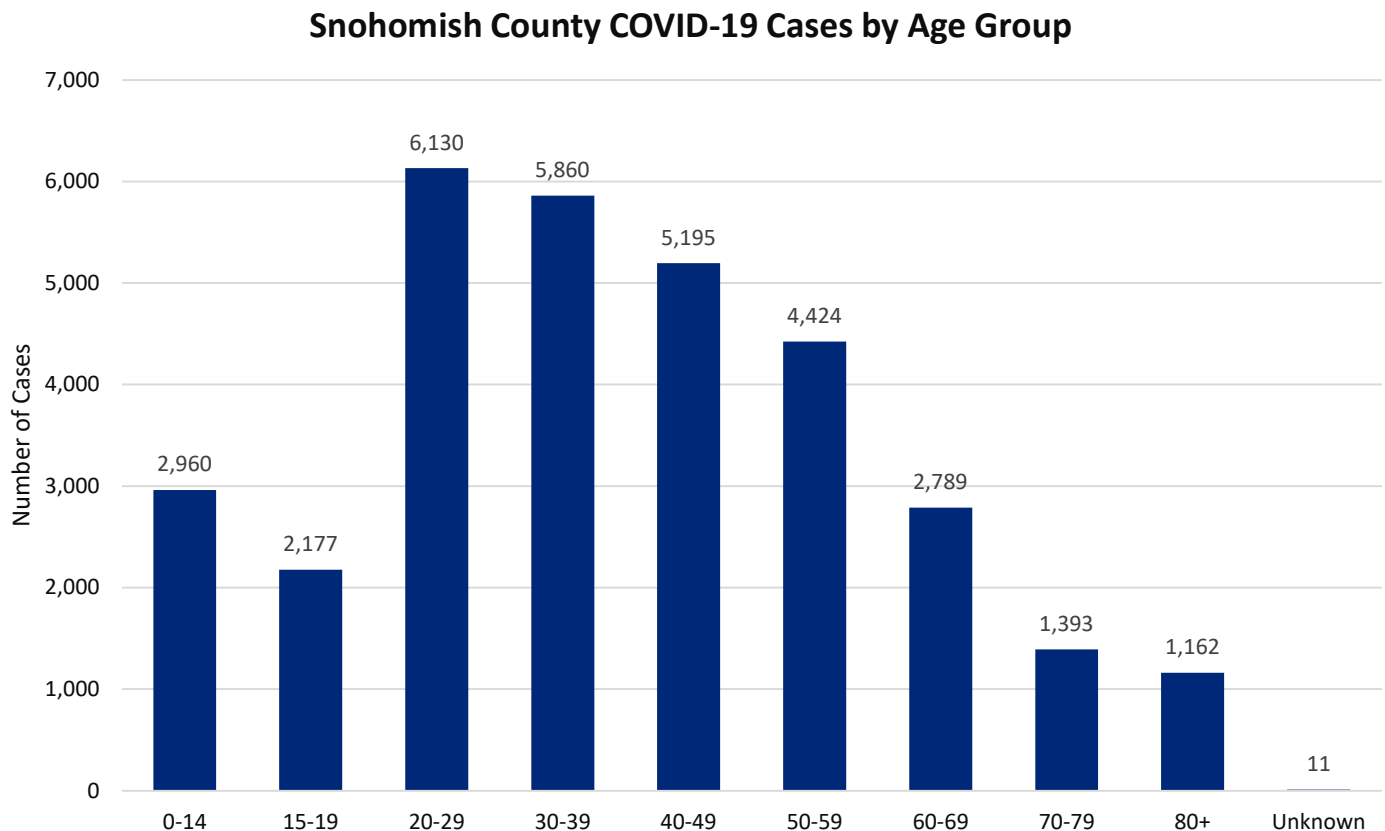
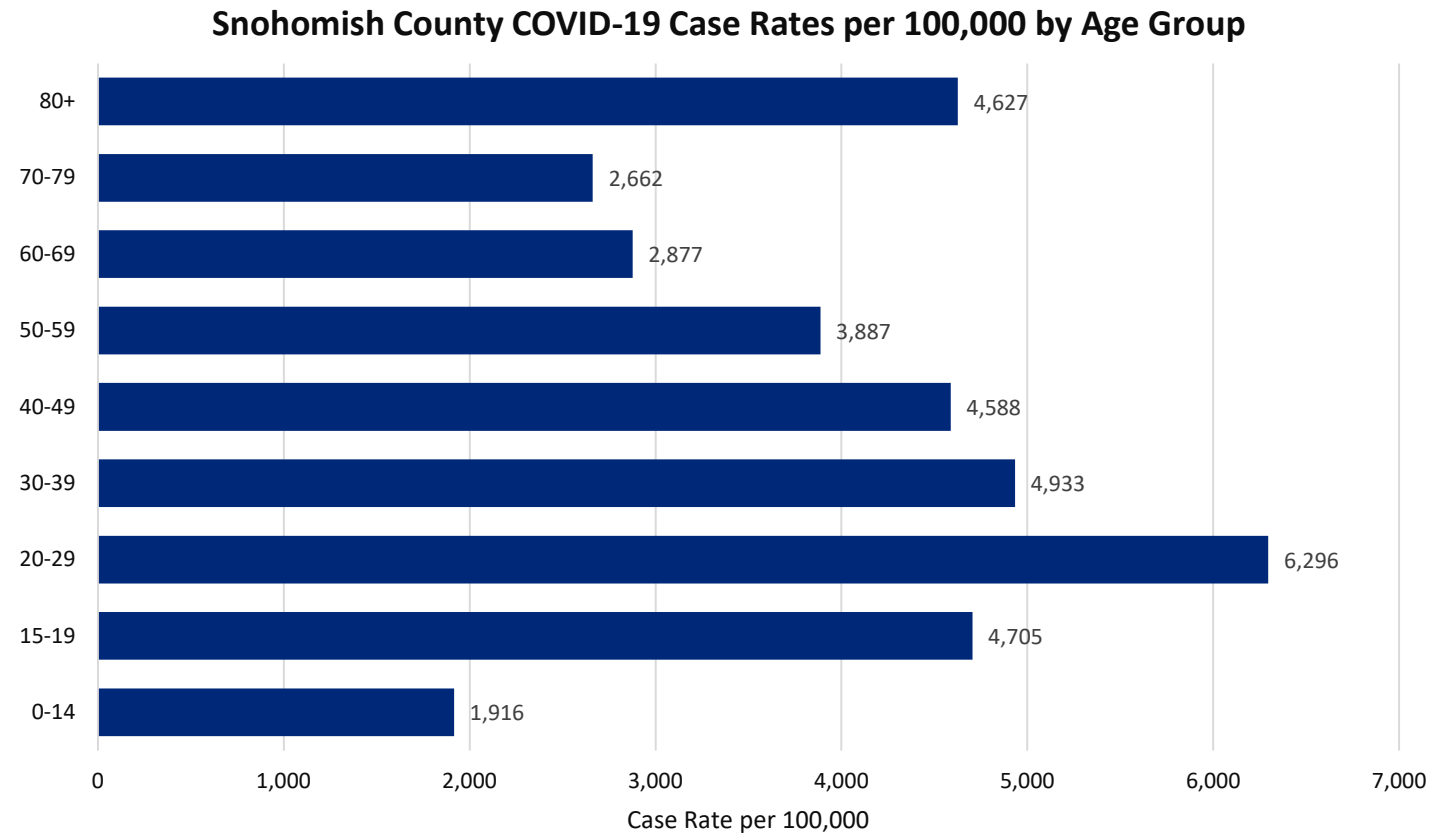
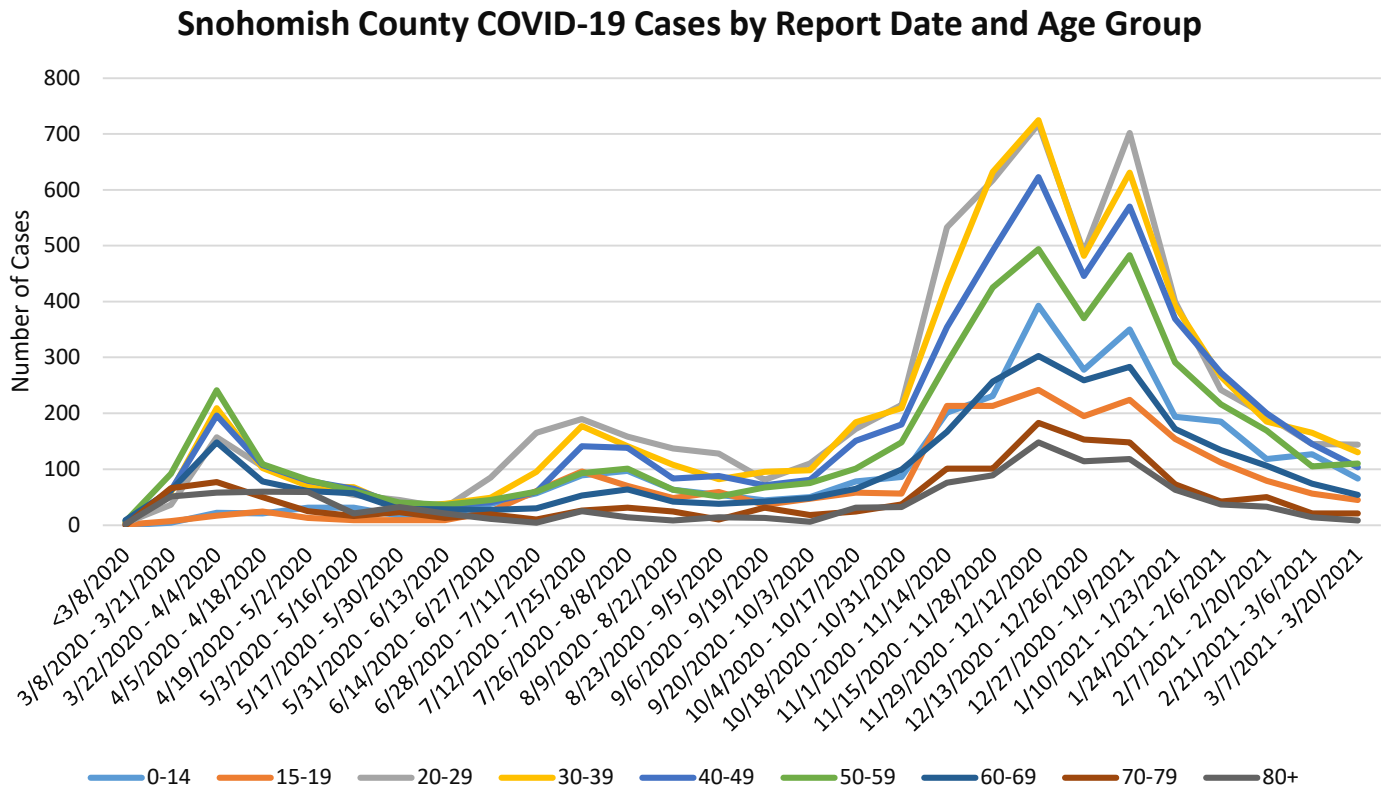


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group



BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
Close contact	281	383	12,315
Community acquired	251	257	10,224
Long-term Care Facility Associated	9	8	1,948
Healthcare Worker	5	0	551
Travel	0	0	152
Corrections	0	8	643
Nosocomial	0	0	58
Unknown	152	197	6,210
Grand Total	698	853	32,101

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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

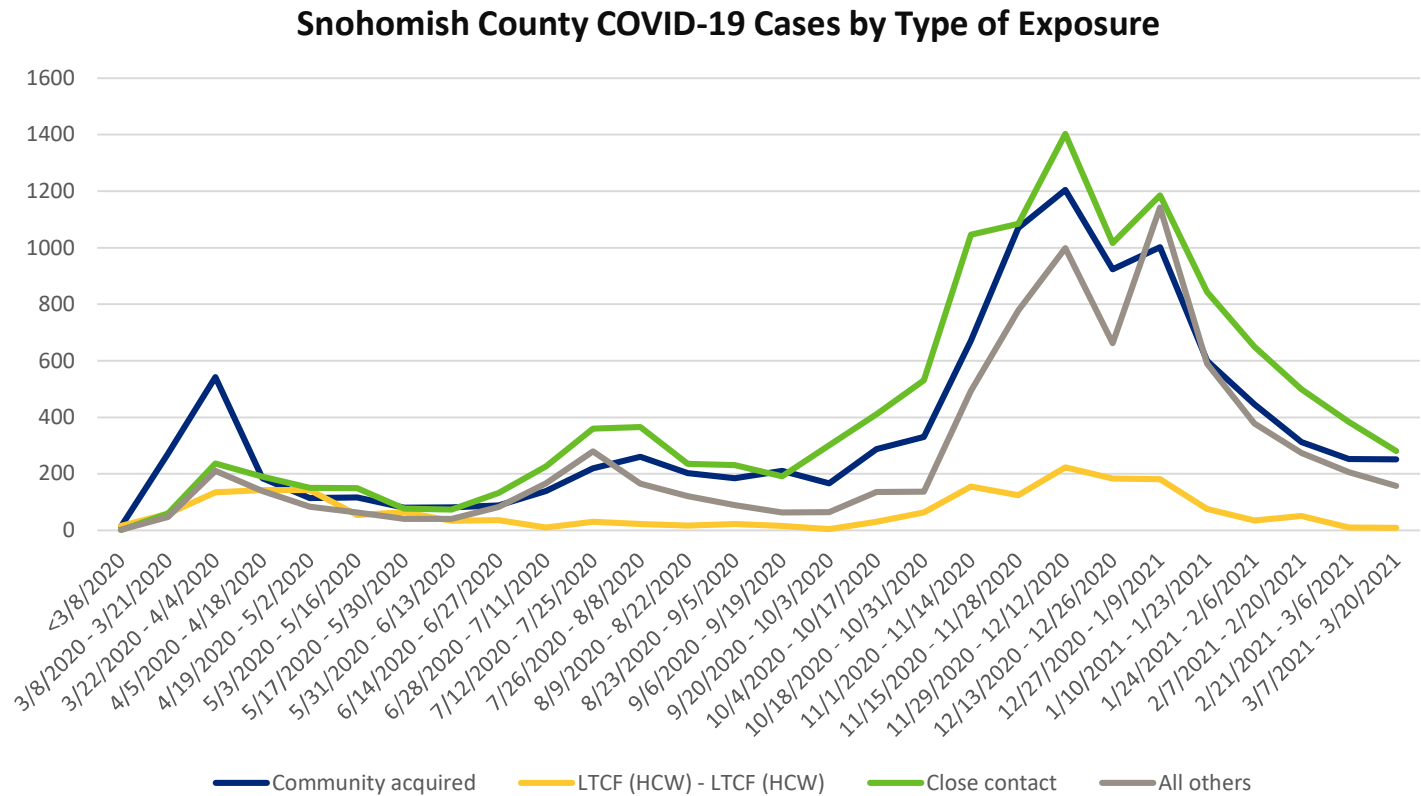


Table 4: Current case status of COVID-19 cases in Snohomish County

Current status	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	All cases 1/20/2020-present
Home isolation	520	617	969
Hospitalized	14	11	25
Survived ¹	10	43	30,239
Deceased	<5	5	557
Unknown <28 days since case report	153	177	311
Grand Total	698	853	32,101
¹ No longer in isolation, not hospitalized at this time, not deceased, >28 days since case report			

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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

Year	Month	Asymptomatic	Symptomatic	Percent asymptomatic	Total
2020	Jan-Feb	0	5	0%	5
2020	March	19	1,122	2%	1,141
2020	April	97	1,200	7%	1,297
2020	May	101	575	15%	676
2020	June	121	466	21%	587
2020	July	183	868	17%	1,051
2020	August	96	619	13%	715
2020	September	64	422	13%	486
2020	October	164	1,400	10%	1,564
2020	November	404	3,876	9%	4,280
2020	December	765	4,844	14%	5,609
2021	January	541	3,499	13%	4,040
2021	February	179	1,226	13%	1,405
Grand Total		2,734	20,122	12%	22,856

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 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
No	493	614	23,764
Yes	29	23	1,617
Unknown	176	216	6,720
Grand Total	698	853	32,101

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

Table 7: COVID outbreaks by type

Type of outbreak	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
Adult family home	0	2	62
Agriculture	0	0	2
Bar	0	2	4
Behavioral health	0	0	3
Childcare	0	1	42
Community	2	0	1
Construction	0	0	53
Corrections	0	0	2
Dental	0	0	2
Emergency services	0	0	16
Faith based services	1	1	7
Financial Institution	0	0	16
Food processing	0	0	15
Government	0	0	2
Gym/Fitness Center	0	0	13
Healthcare provider	1	1	3
Home health	0	0	6
Hospital	0	0	10
Landscaping	0	0	11
Leisure/recreation	0	1	91
Long-term care facility	0	0	70
Manufacturing	3	4	9
Personal Care and Services	0	0	7
Real estate	0	0	52
Restaurant	2	2	84
Retail	2	3	25
School	0	1	45
Service provider	2	5	5
Shelter	0	0	10
Social Event	0	1	2
Supported Living	0	0	10
Transportation	0	0	7
Utilities	0	1	3
Veterinary	0	0	2
Warehouse	0	0	62
Total number of outbreaks (number of cases)	13 (37)	25 (80)	692 (5,140)

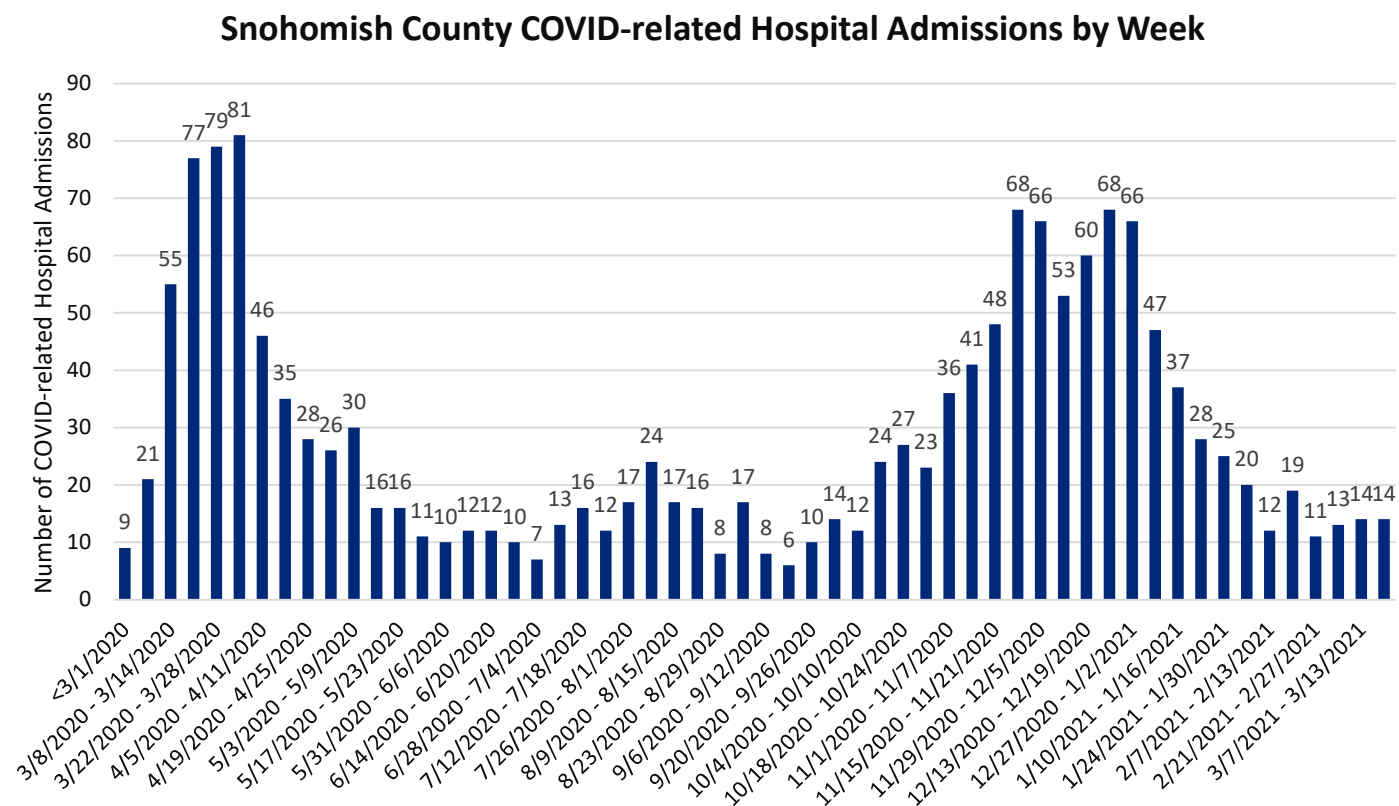
BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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

City	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
Arlington	46	59	1,707
Bothell	65	51	2,139
Brier	6	7	149
Darrington	<5	0	36
Edmonds	26	31	1,880
Everett	146	203	8,251
Gold Bar	0	10	126
Granite Falls	8	9	316
Index	<5	0	<5
Lake Stevens	57	42	1,838
Lynnwood	74	102	4,520
Marysville	78	110	3,316
Mill Creek	15	20	548
Monroe	26	54	1,792
Mountlake Terrace	18	17	839
Mukilteo	12	13	600
North Lakewood	0	0	7
Silvana	0	<5	11
Snohomish	55	65	2,143
Stanwood	48	32	965
Startup	0	0	<5
Sultan	6	12	264
Tulalip	6	13	496
Woodinville	<5	<5	98
Woodway	<5	0	41
Unknown	0	0	13
Grand Total	698	853	32,101

COVID-19 CONTROL PROCESS INDICATORS

Figure 9: COVID-related hospital admissions by week



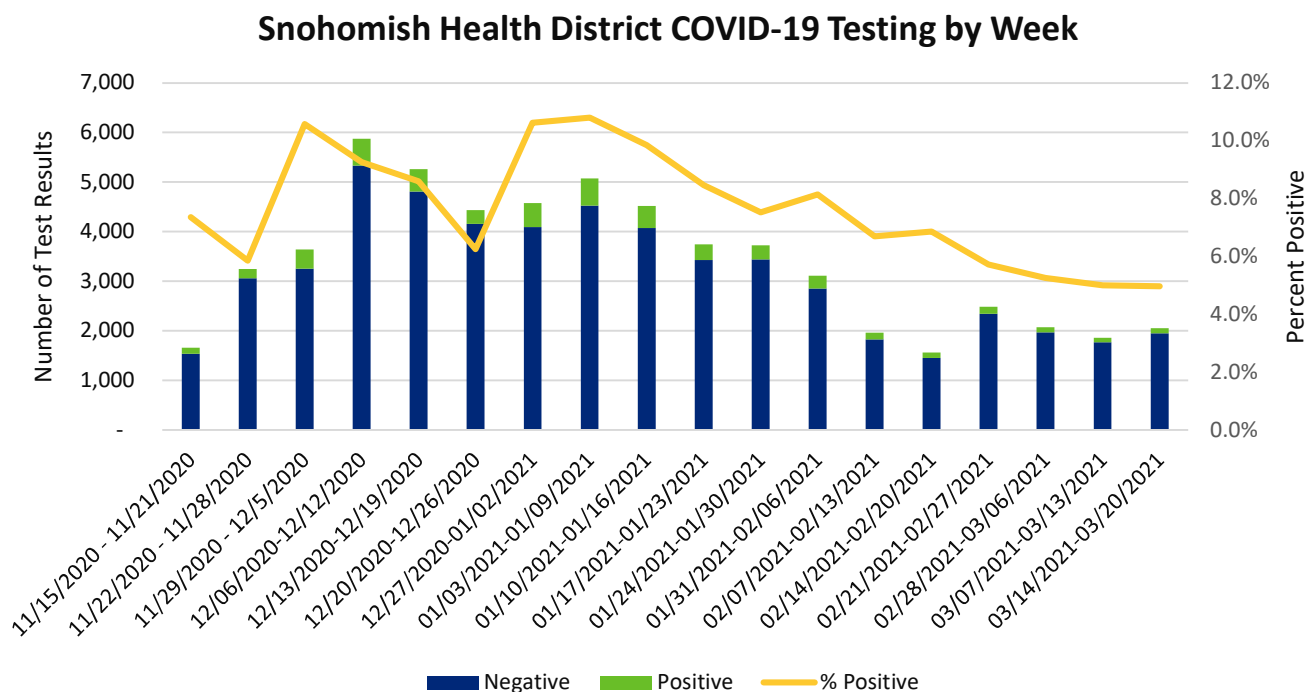
Data source: Snohomish Health District COVID-19 database

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

Table 9: Snohomish Health District testing activity by week

Week	Tests Reported	Negative	Positive	% Positive
2/07/2021-2/13/2021	1,959	1,828	131	6.7%
2/14/2021-2/20/2021	1,559	1,452	107	6.9%
2/21/2021-2/27/2021	2,484	2,342	142	5.7%
2/28/2021-3/06/2021	2,074	1,965	109	5.3%
3/07/2021-3/13/2021	1,861	1,768	93	5.0%
3/14/2021-3/20/2021	2,051	1,949	102	5.0%
Total	11,988	11,304	684	5.7%

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



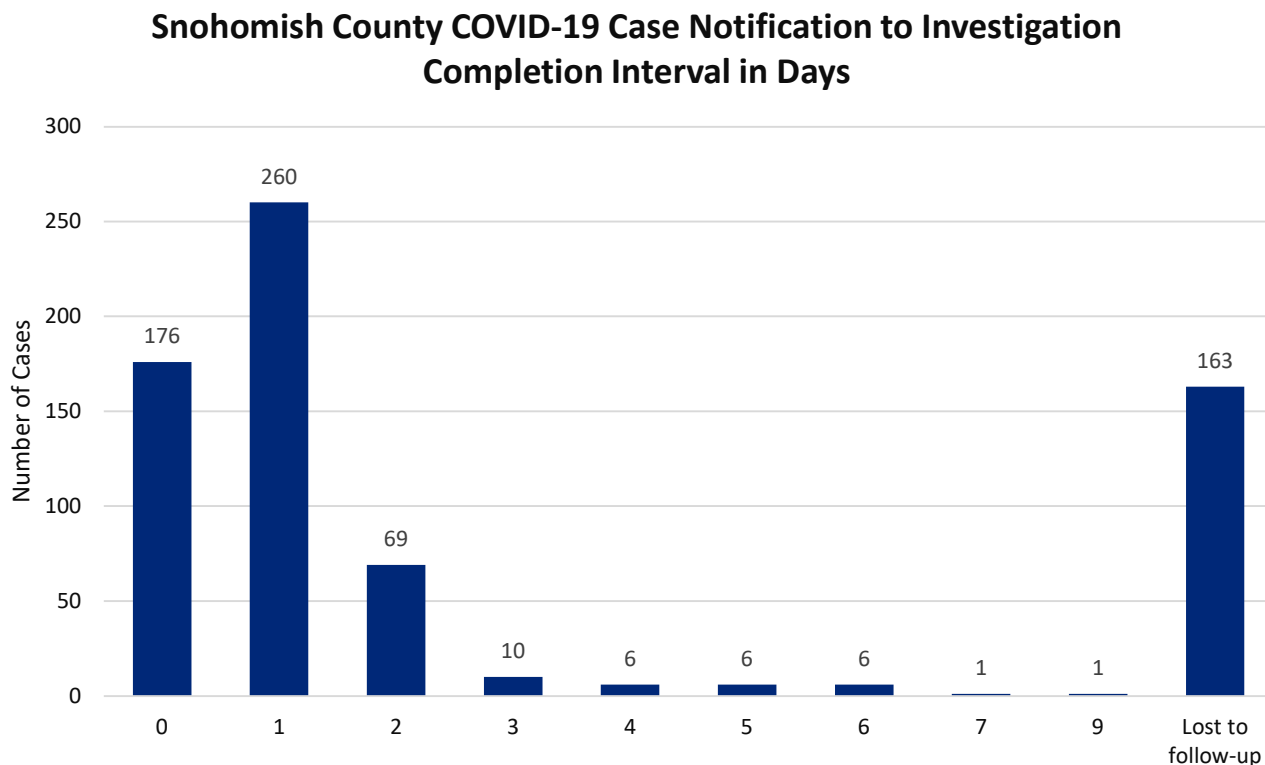
BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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
11/29-12/12/2020	2,824	1,039	37%	1,754	60%
12/13-12/26/2020	2,767	1,174	42%	1,685	61%
12/27-1/09/2021	3,526	1,143	32%	1,822	52%
1/10-1/23/2021	2,098	1,155	55%	1,439	69%
1/24-2/06/2021	1,515	954	63%	1,127	74%
2/7-2/20/2021	1,149	742	65%	844	73%
2/21-3/6/2021	853	541	63%	612	72%
3/7-3/20/2021	698	436	62%	505	72%

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

Figure 11: Case notification to investigation completion interval in days (3/7-3/20/2021)



BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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
11/29-12/12/2020	1,692	984	58%
12/13-12/26/2020	1,248	894	72%
12/27-01/09/2021	1,089	706	65%
1/10-1/23/2021	1,298	991	76%
1/24-02/06/2021	1,267	932	74%
2/7-2/20/2021	823	647	79%
2/21-3/6/2021	640	515	80%
3/7-3/20/2021	660	521	79%

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

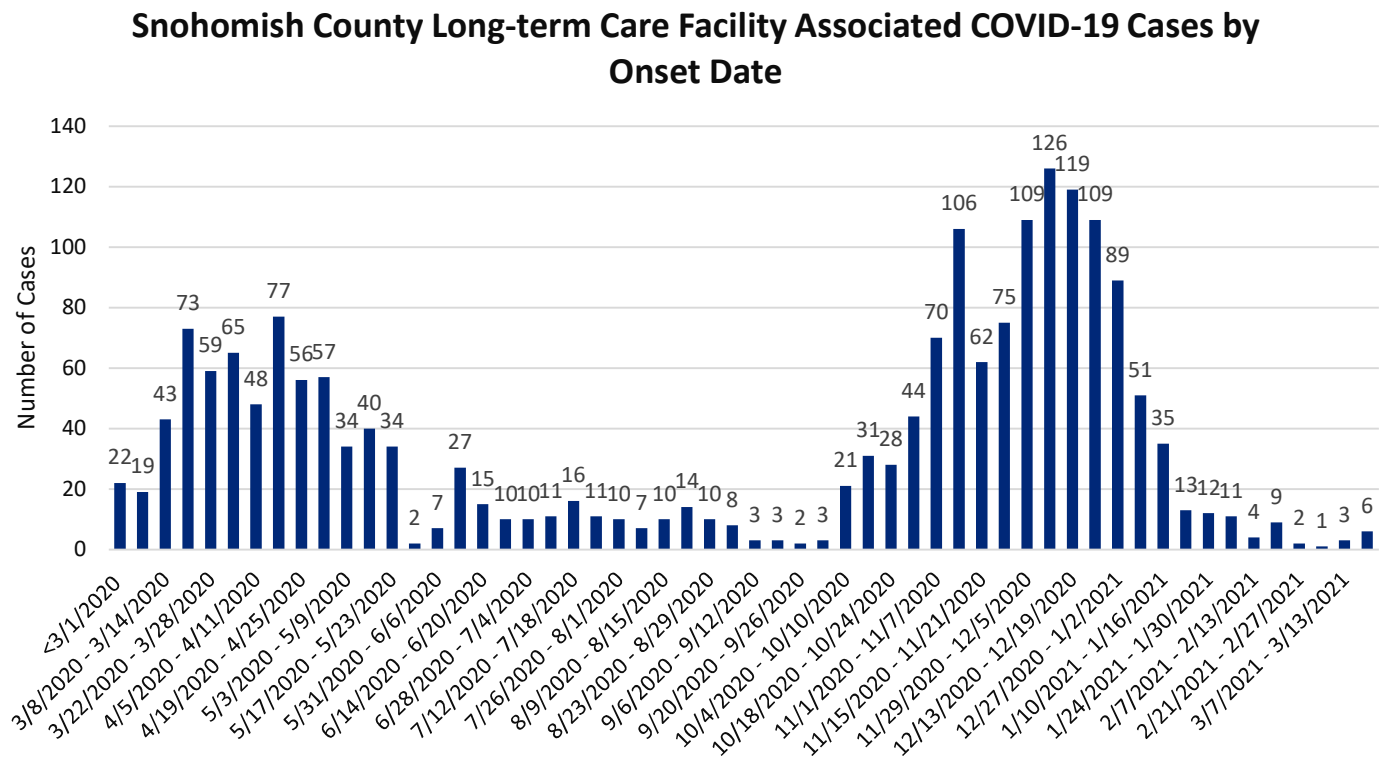


Table 12: Type of LTCF-associated COVID-19 case

Type	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
Resident	<5	<5	1,073
Staff	6	6	863
Other	0	0	12
Grand Total	9	8	1,948

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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

Current status	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	All cases 1/20/2020-present
Home isolation	6	6	9
Hospitalized	<5	0	2
Survived ¹	0	<5	1,658
Deceased	0	0	277
Unknown	<5	0	2
Grand Total	9	8	1,948
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 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
No	5	6	1,335
Yes	<5	<5	350
Unknown	<5	<5	263
Grand Total	9	8	1,948

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*
Novel Adult Family Home Lynnwood	5	3/1/2021	3/29/2021

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

COVID-19 DEATHS

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

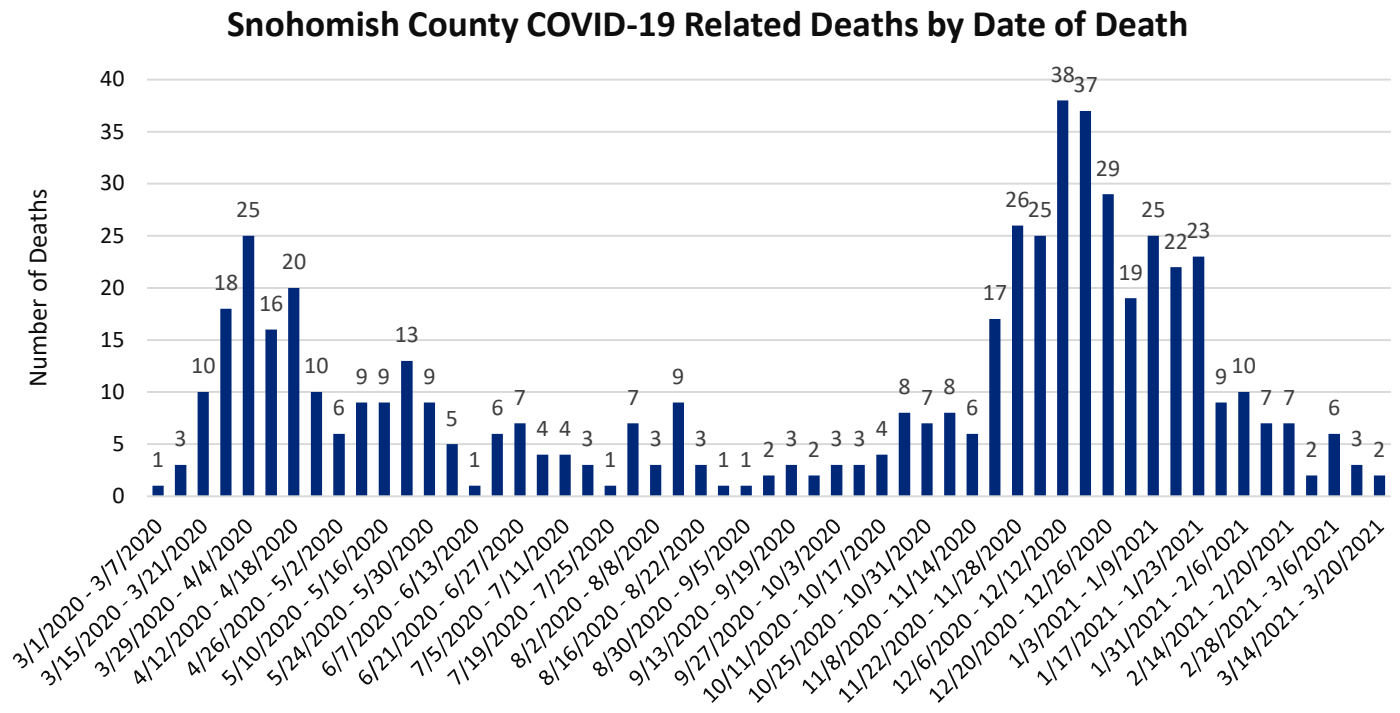


Table 16: Gender of COVID-19 related deaths in Snohomish County by case report date

Sex at birth	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
Female	<5	<5	279
Male	<5	<5	278
Grand Total	1	5	557

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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

Age group in years	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
20-29	<5	<5	4
30-39	<5	<5	4
40-49	<5	<5	22
50-59	<5	<5	26
60-69	<5	<5	75
70-79	<5	<5	140
80+	<5	<5	286
Grand Total	1	5	557

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	<5	0.7%	Not calculated <5	0.1%
30-39	<5	0.7%	Not calculated <5	0.1%
40-49	22	3.9%	19.4	0.4%
50-59	26	4.7%	22.8	0.6%
60-69	75	13.5%	77.4	2.7%
70-79	140	25.1%	267.6	10.1%
80+	286	51.3%	1,138.7	24.6%
Grand Total	557	100.0%	67.1	1.7%

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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

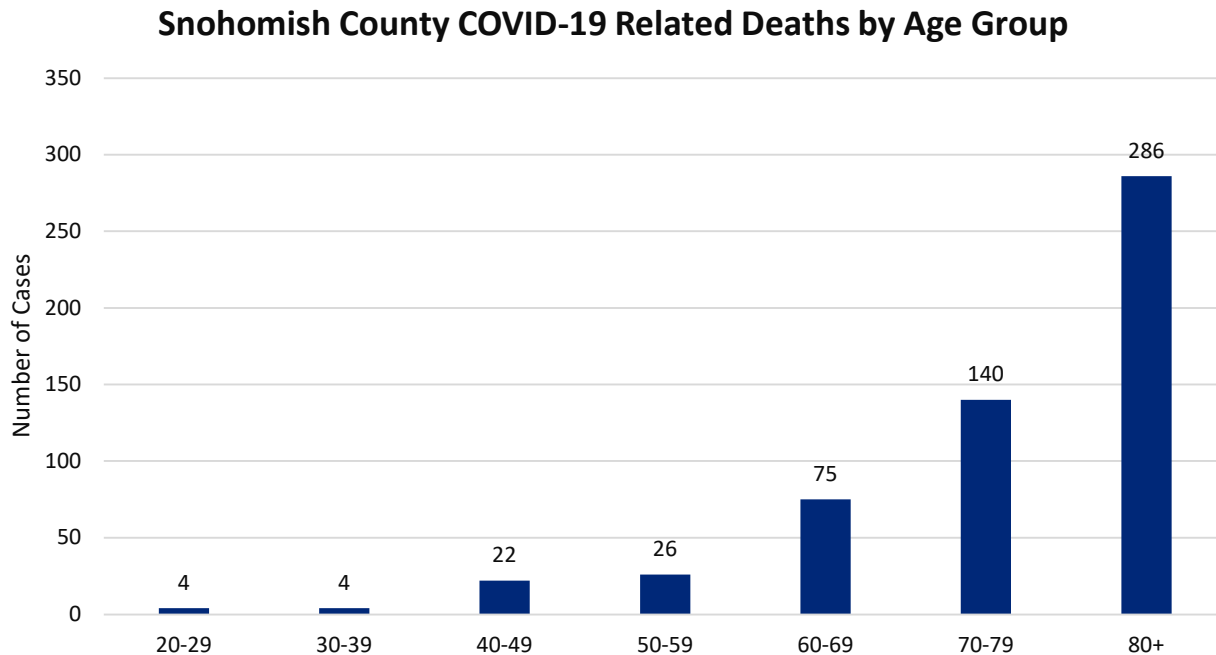


Table 18: Underlying health conditions of COVID-19 related deaths in Snohomish County

Underlying health condition	Number	Percent
Yes	493	88.5%
No	32	5.7%
Unknown	32	5.7%
Grand Total	557	100.0%

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

Ever hospitalized	Number	Percent
Yes	380	68.2%
No	165	29.6%
Unknown	12	2.2%
Grand Total	557	100.0%

BI-WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
MARCH 7 - MARCH 20, 2021 (RELEASED: MARCH 30, 2021)

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

Type of exposure	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
Long-term care facility associated	<5	<5	277
Community acquired	<5	<5	136
Close contact	<5	<5	60
Nosocomial	<5	<5	21
Travel	<5	<5	2
Unknown	<5	<5	61
Grand Total	1	5	557

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

City	Current 2-Week Period 3/7-3/20/2021	Prior 2-Week Period 2/21-3/6/2021	Cumulative 1/20/2020-present
Arlington	<5	<5	33
Bothell	<5	<5	26
Darrington	<5	<5	2
Edmonds	<5	<5	59
Everett	<5	<5	146
Granite Falls	<5	<5	2
Gold Bar	<5	<5	2
Lake Stevens	<5	<5	21
Lynnwood	<5	<5	72
Marysville	<5	<5	62
Mill Creek	<5	<5	10
Monroe	<5	<5	30
Mountlake Terrace	<5	<5	8
Mukilteo	<5	<5	8
Snohomish	<5	<5	19
Stanwood	<5	<5	42
Sultan	<5	<5	3
Tulalip	<5	<5	9
Woodinville	<5	<5	3
Grand Total	1	5	557