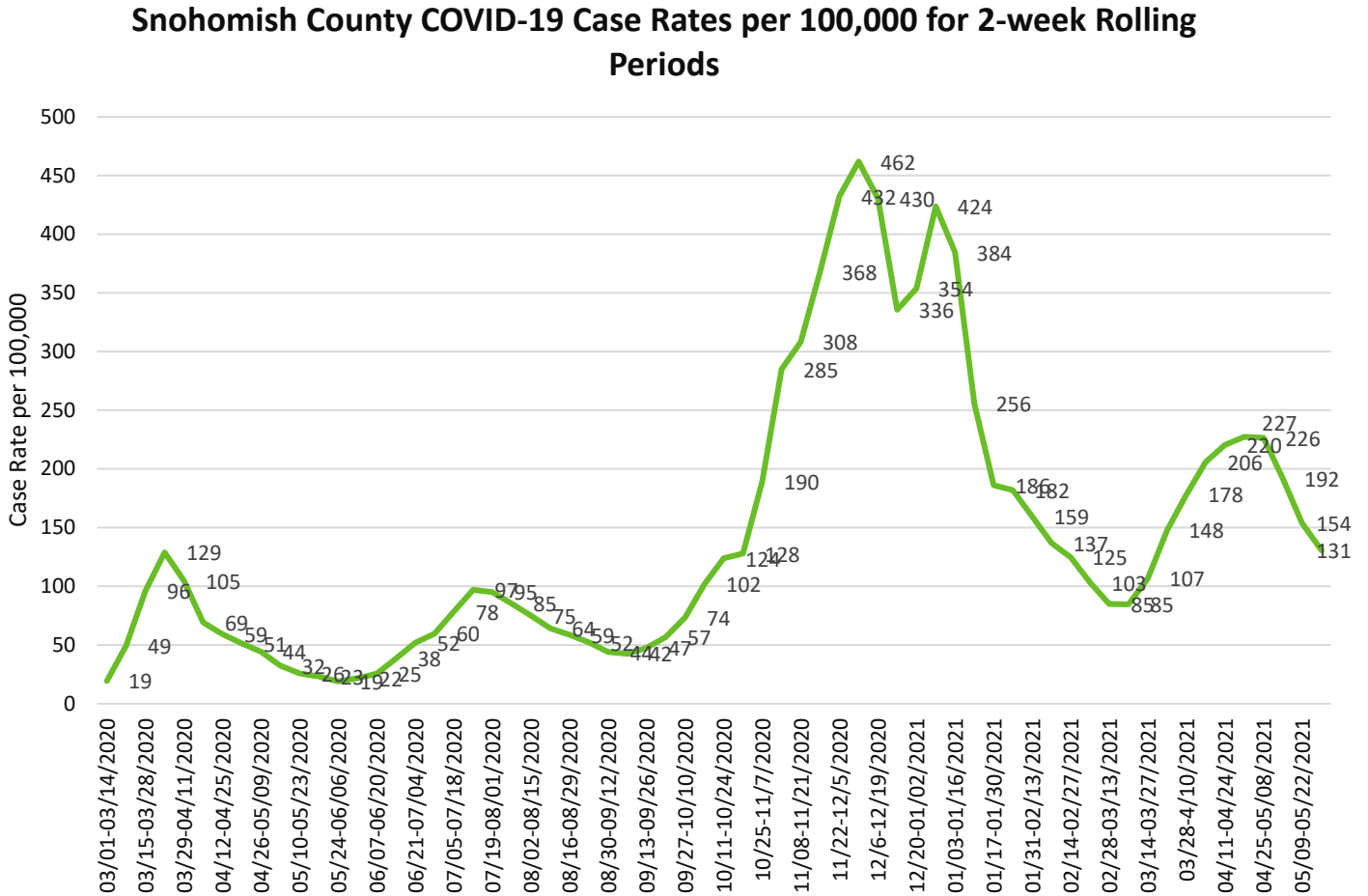


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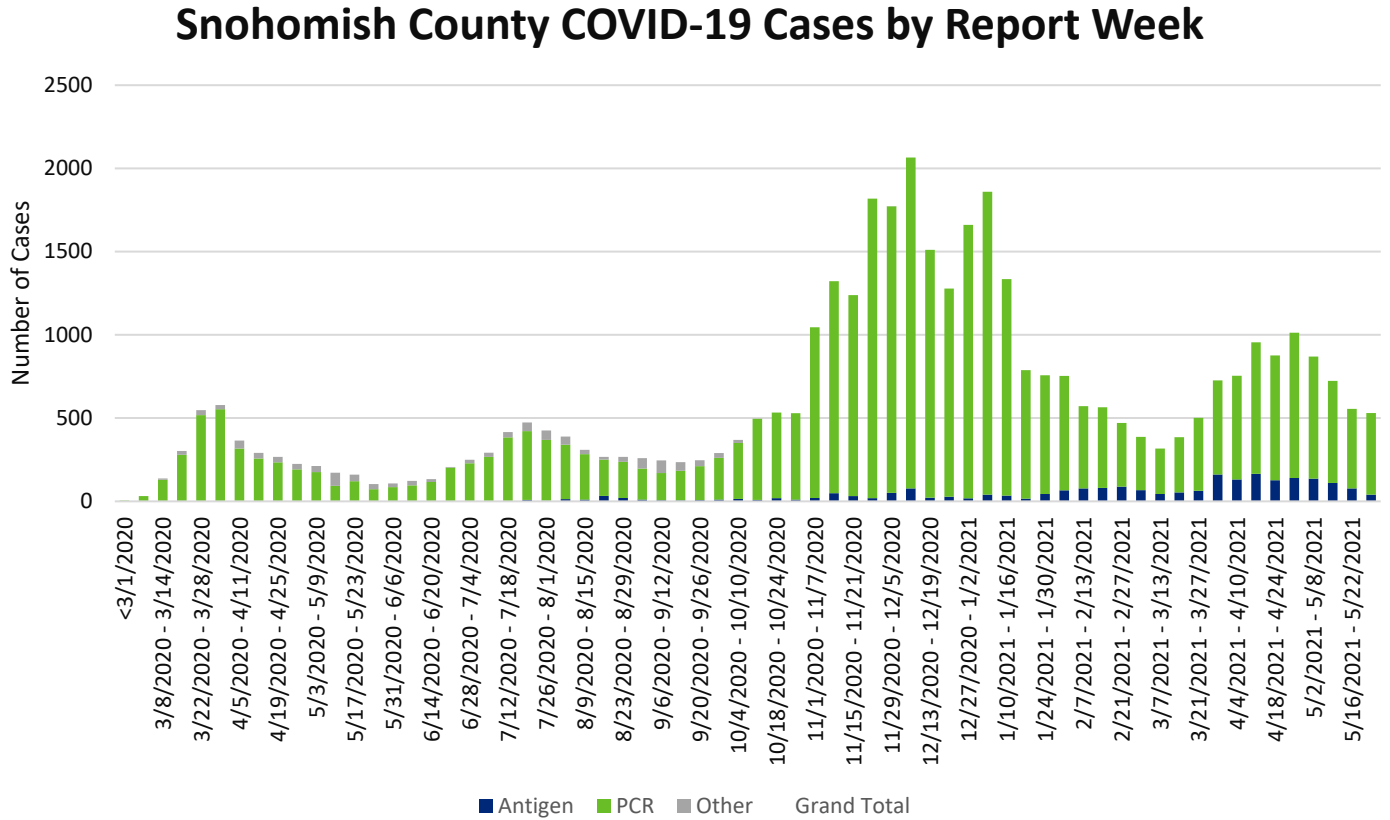
COVID-19 EPIDEMIOLOGIC OVERVIEW

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



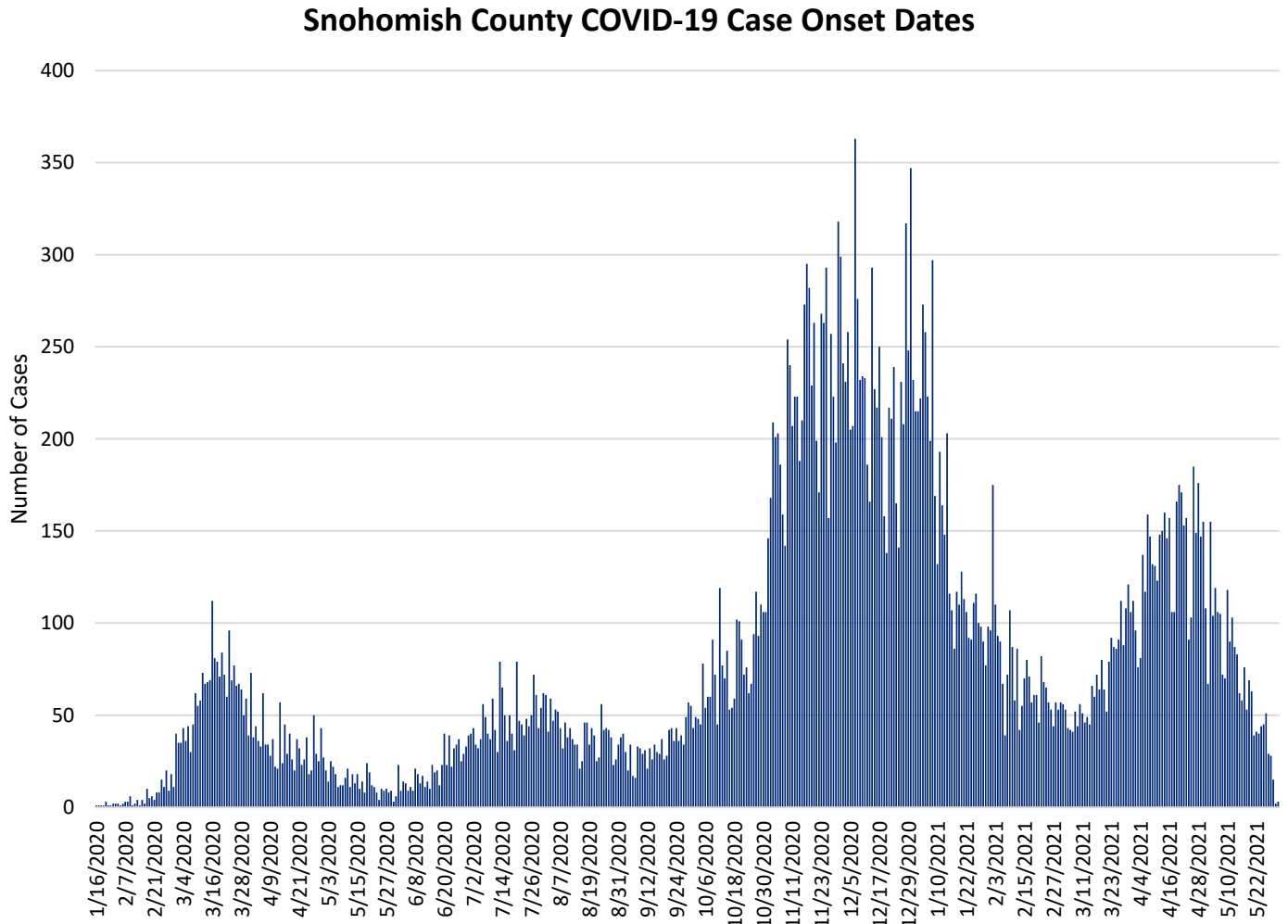
Data source: Snohomish Health District COVID-19 database.

Figure 2: 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

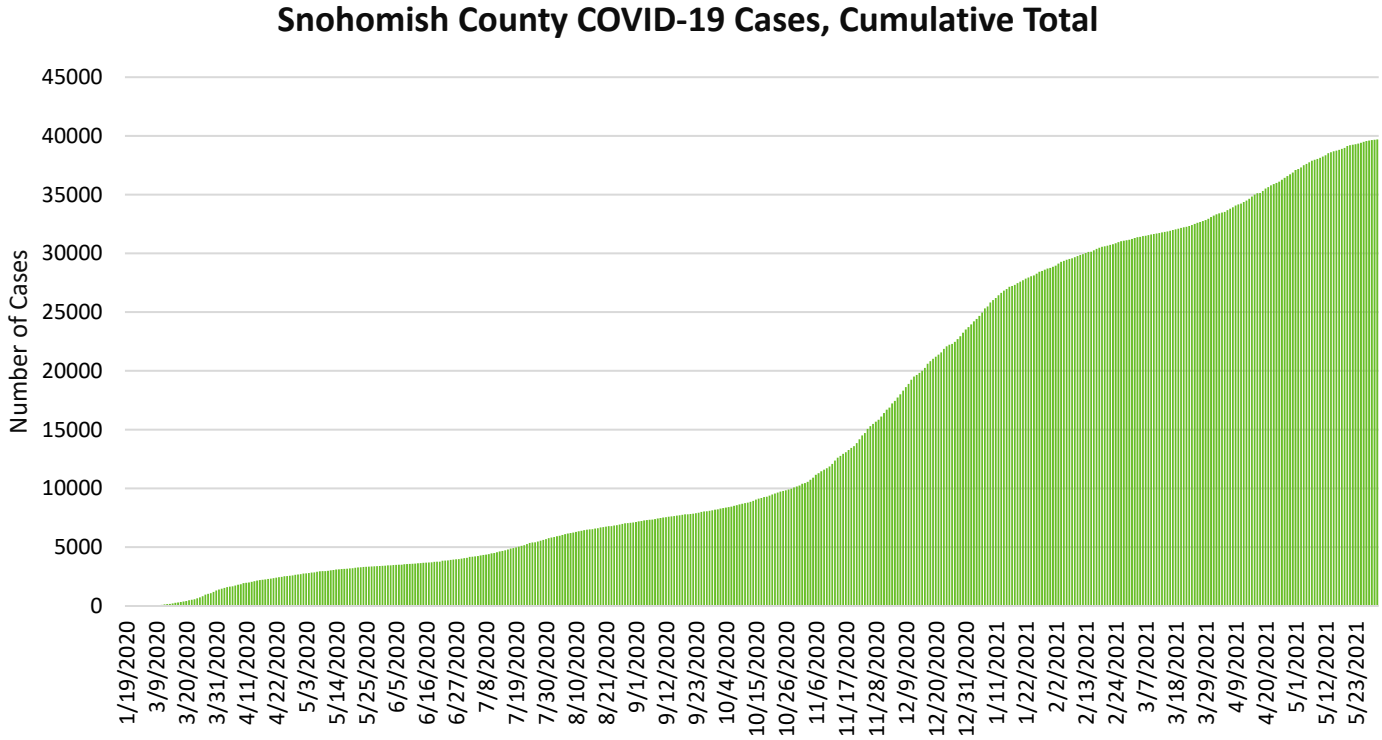


Table 1: Sex at birth of COVID-19 cases in Snohomish County

Sex at birth	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
Female	1,354	1,837	19,866
Male	1,462	1,951	19,819
Unknown	5	>5	15
Grand Total	2,821	3,790	39,700

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

Age group in years	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
0-14	438	531	4,035
15-19	282	374	2,919
20-29	558	780	7,672
30-39	609	707	7,377
40-49	415	644	6,418
50-59	317	430	5,293
60-69	128	219	3,210
70-79	45	74	1,535
80+	27	27	1,224
Unknown	>5	>5	17
Grand Total	2,821	3,790	39,700

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

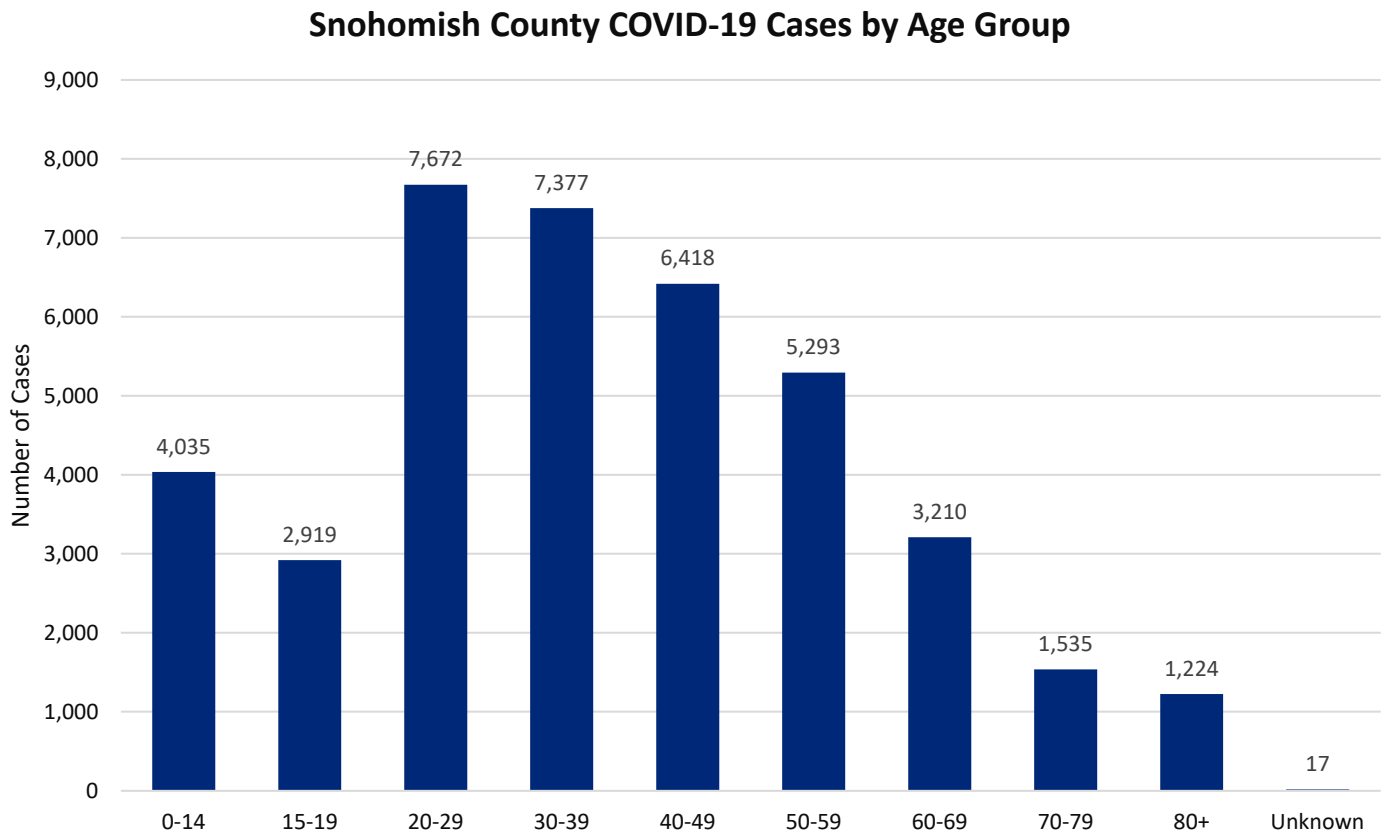
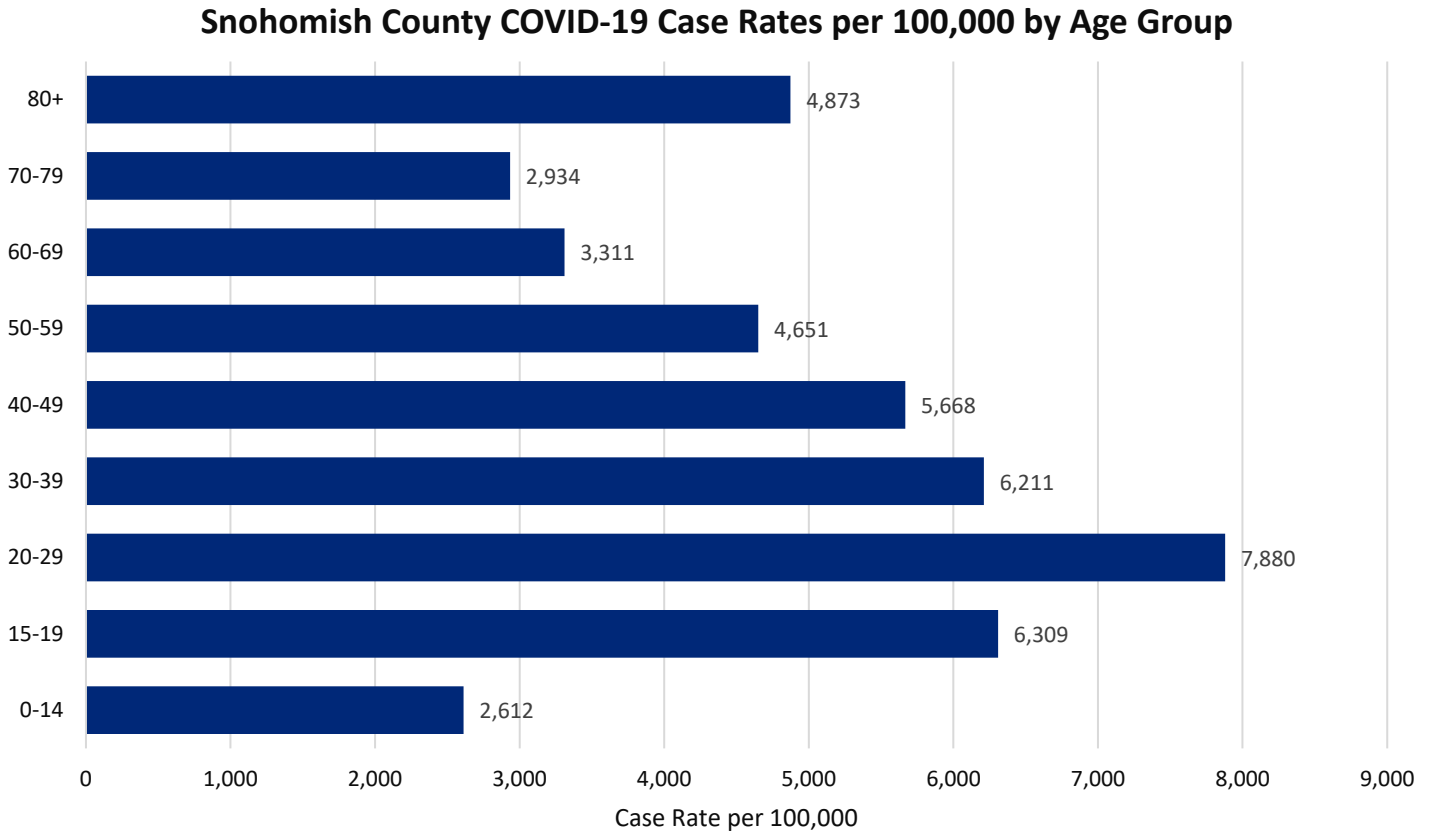
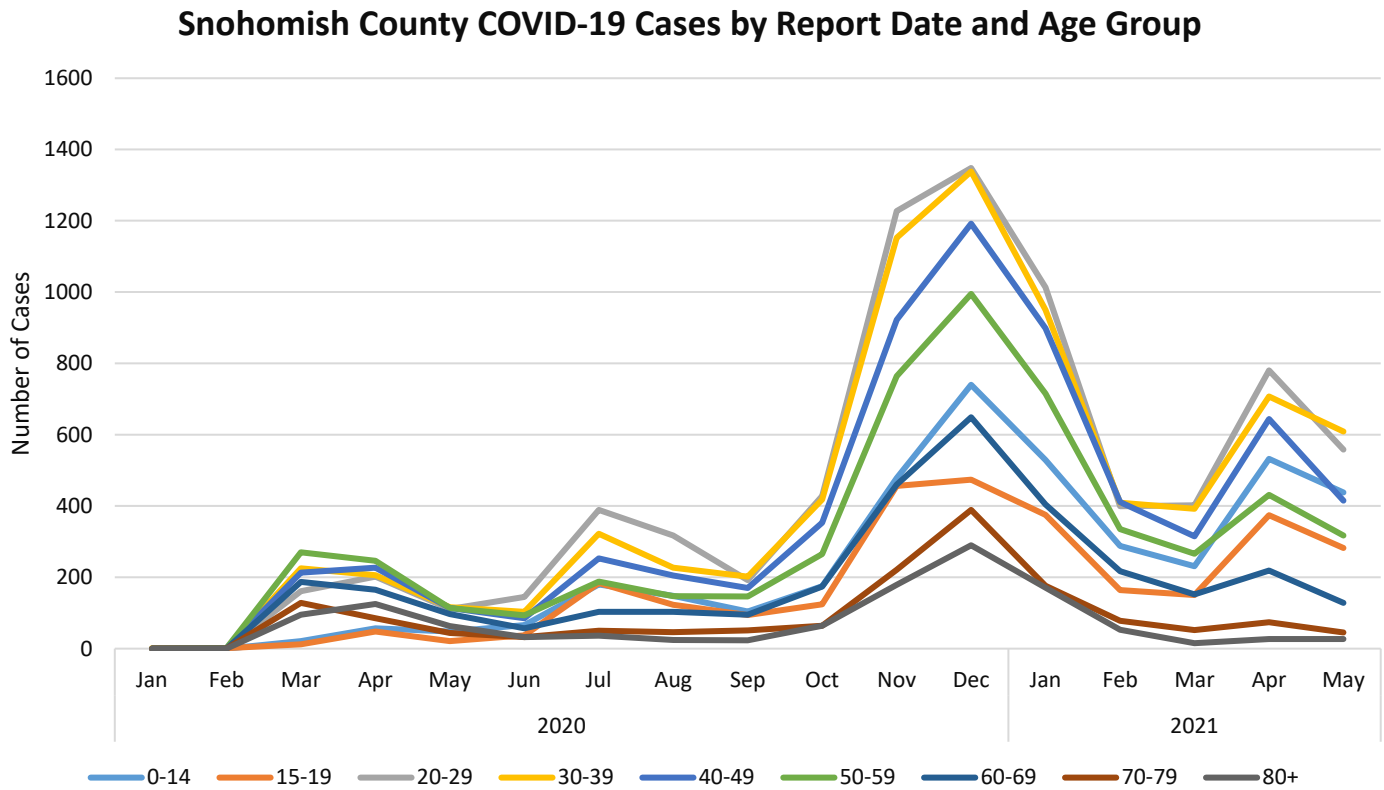


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group



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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	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
Close contact	1,141	1,614	15,506
Community acquired	820	1,019	12,369
Long-term Care Facility Associated	>5	26	1,983
Corrections	5	6	654
Healthcare Worker	>5	>5	553
Travel	>5	>5	154
Nosocomial	>5	>5	59
Unknown	852	1,123	8,422
Grand Total	2,821	3,790	39,700

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

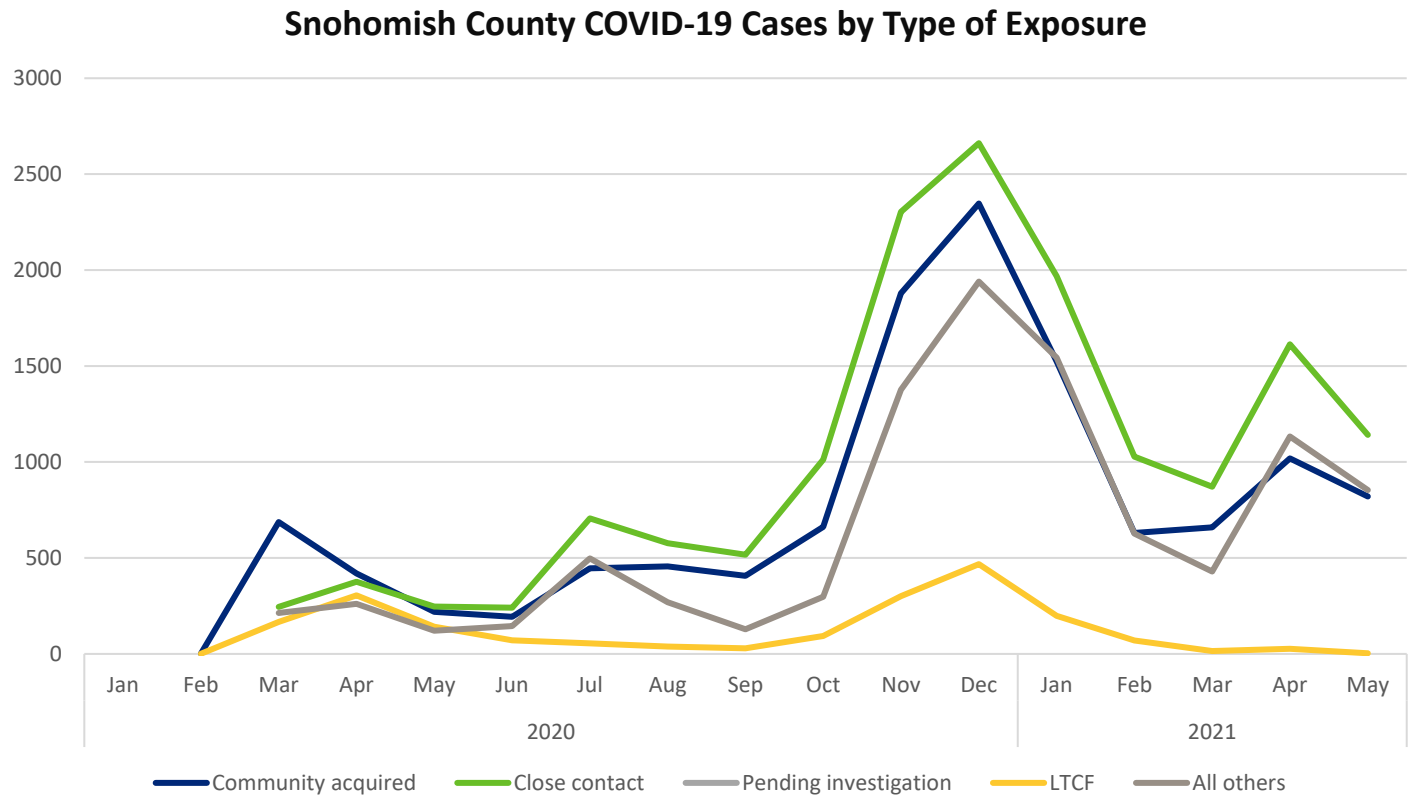


Table 4: Current case status of COVID-19 cases in Snohomish County

Current status	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
Home isolation	1,452	1,501	1,469
Hospitalized	17	26	20
Survived ¹	716	1,542	36,964
Deceased	8	8	597
Unknown <28 days since case report	628	713	650
Grand Total	2,821	3,790	39,700

¹No 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

Year	Month	Asymptomatic	Symptomatic	Percent asymptomatic	Total
2020	Jan-Feb	0	5	0%	5
2020	March	17	991	2%	1,008
2020	April	89	941	9%	1,030
2020	May	90	456	16%	546
2020	June	99	387	20%	486
2020	July	216	973	18%	1,189
2020	August	127	897	12%	1,024
2020	September	78	619	11%	697
2020	October	164	1,558	10%	1,722
2020	November	424	4,091	9%	4,515
2020	December	825	4,863	15%	5,688
2021	January	594	3,467	15%	4,061
2021	February	272	1,641	14%	1,913
2021	March	157	1,438	10%	1,595
2021	April	272	2,475	10%	2,747
2021	May	214	1,947	10%	2,161
Grand Total		3,662	27,002	12%	30,664

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	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
No	1,819	2,469	28,769
Yes	113	167	1,933
Unknown	889	1,154	8,998
Grand Total	2,821	3,790	39,700

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Table 7: COVID outbreaks by type

Type of outbreak	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
Adult family home	0	0	63
Agriculture	1	0	2
Bar	0	0	5
Behavioral health	0	0	3
Childcare	2	4	47
Community	0	0	1
Construction	7	9	62
Corrections	0	0	2
Distribution	2	0	6
Emergency services	0	0	2
Faith based services	4	6	25
Financial Institution	1	0	8
Food processing	0	0	16
Government	0	0	15
Gym/Fitness Center	0	1	3
Healthcare provider	0	1	14
Home health	0	0	3
Hospital	0	0	6
Landscaping	0	0	10
Leisure/recreation	1	0	12
Long-term care facility	3	4	95
Manufacturing	17	7	83
Personal Care and Services	2	2	11
Real estate	2	0	9
Restaurant	11	13	69
Retail	9	13	106
School	3	11	40
Service provider	7	7	59
Shelter	0	0	5
Social Event	5	8	23
Supported Living	0	0	2
Transportation	0	1	7
Utilities	1	1	9
Total number of outbreaks (number of cases)	78 (276)	88 (356)	823 (5,738)

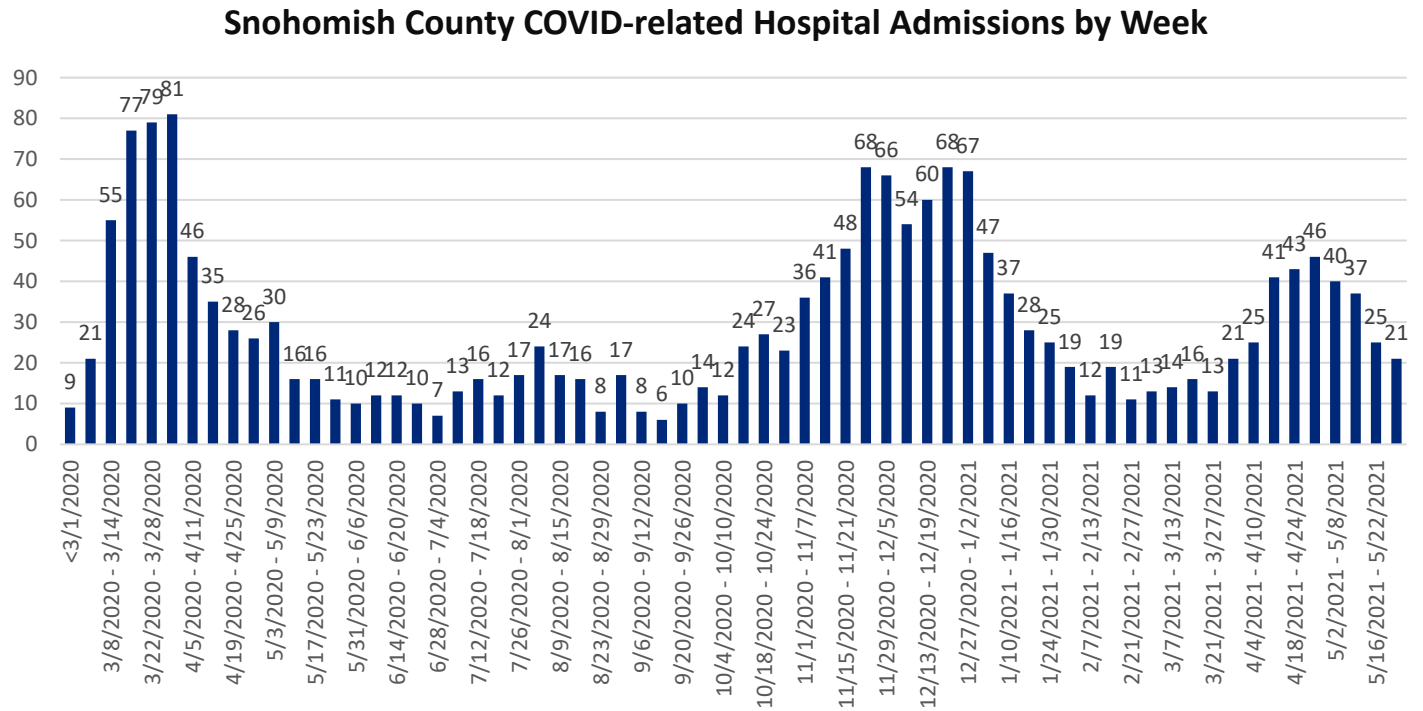
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Table 8: City of residence of COVID-19 cases in Snohomish County

City	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
Arlington	166	245	2,178
Bothell	250	320	2,806
Brier	17	21	199
Darrington	5	6	48
Edmonds	92	213	2,248
Everett	629	807	9,877
Gold Bar	19	9	154
Granite Falls	45	38	405
Index	>5	>5	>5
Lake Stevens	208	270	2,379
Lynnwood	354	479	5,480
Marysville	316	413	4,165
Mill Creek	52	94	722
Monroe	160	143	2,127
Mountlake Terrace	57	94	1,018
Mukilteo	51	55	723
North Lakewood	>5	>5	10
Silvana	>5	>5	14
Snohomish	197	370	2,777
Stanwood	85	123	1,203
Startup	0	0	>5
Sultan	34	32	341
Tulalip	67	40	636
Woodinville	13	9	122
Woodway	>5	5	49
Unknown	0	0	13
Grand Total	2,821	3,790	39,700

COVID-19 CONTROL PROCESS INDICATORS

Figure 9: COVID-related hospital admissions by week



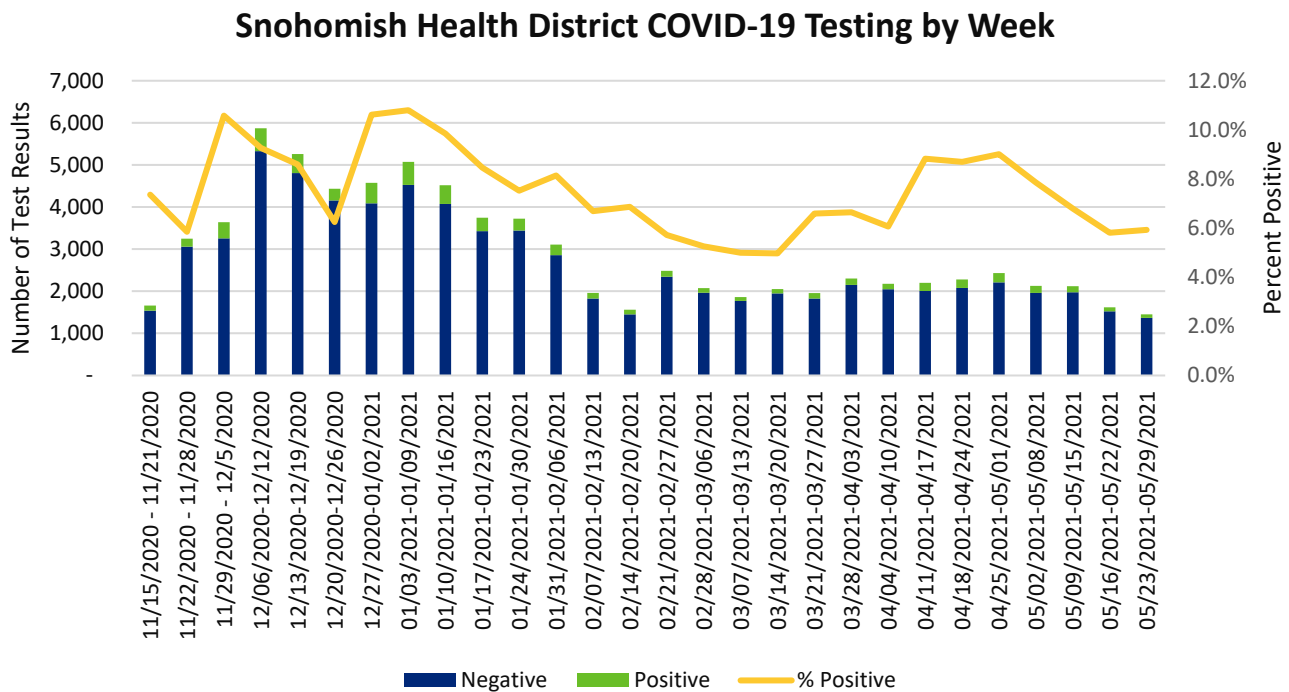
Data source: Snohomish Health District COVID-19 database

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Table 9: Snohomish Health District testing activity by week

Week	Tests Reported	Negative	Positive	% Positive
3/28/2021 - 4/3/2021	11,390	10822	568	5.0%
4/4/2021 - 4/10/2021	11,160	10512	648	5.8%
4/11/2021 - 4/17/2021	11,577	10755	822	7.1%
4/18/2021 - 4/24/2021	10,809	9967	842	7.8%
4/25/2021 - 5/1/2021	10,875	10076	799	7.3%
5/2/2021 - 5/8/2021	10,965	10253	712	6.5%
5/9/2021 - 5/15/2021	9,612	9027	585	6.1%
5/16/2021 - 5/22/2021	7,526	7138	388	5.2%
5/23/2021 - 5/29/2021	8,326	8009	317	3.8%
Total	92,240	86,559	5,681	6.2%

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



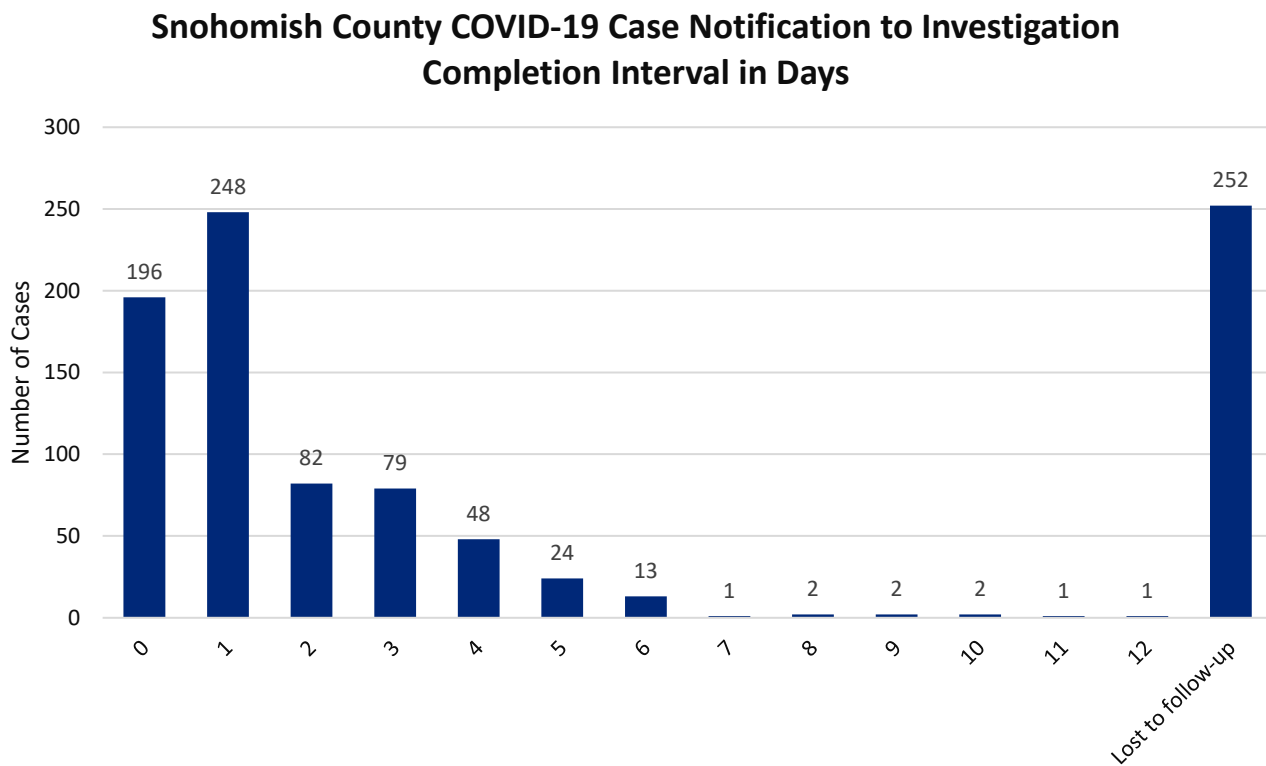
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Table 10: Percent of case investigations completed within 1 and 2 days of initial notification of case

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
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%
3/21-4/3/2021	1,226	495	40%	677	55%
4/4-4/17/2021	1,706	570	33%	859	50%
4/18-5/1/2021	1,889	620	33%	946	50%
5/2-5/15/2021	1,589	670	42%	887	56%
5/16-5/29/2021	951	444	47%	526	55%

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

Figure 11: Case notification to investigation completion interval in days (5/16-5/29/2021)



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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
2/7-2/20/2021	823	647	79%
2/21-3/6/2021	640	515	80%
3/7-3/20/2021	660	521	79%
3/21-4/3/2021	887	518	58%
4/4-4/17/2021	816	425	52%
4/18-5/1/2021	990	558	56%
5/2-5/15/2021	753	421	44%
5/16-5/29/2021	608	436	72%

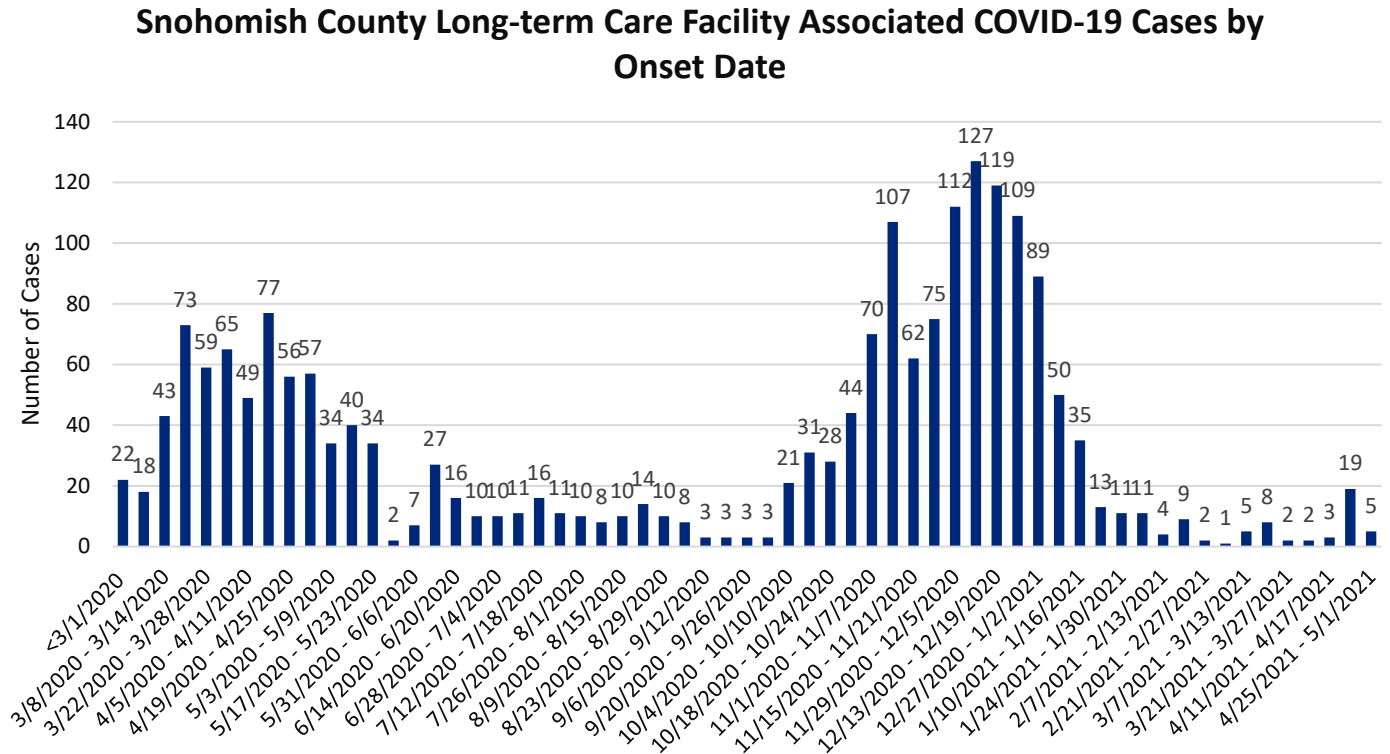
Data source: Snohomish Health District contact database.

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

No



Note: there were no long-term care associated cases with illness onset dates in May 2021. All other data presented is by local health jurisdiction report date.

Table 12: Type of LTCF-associated COVID-19 cases (by date of report)

Type	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
Resident	>5	11	1,087
Staff	>5	14	884
Other	>5	0	12
Grand Total	3	25	1,983

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Table 13: Current status of LTCF-associated COVID-19 cases (by date of report)

Current status	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
Home isolation	>5	19	23
Hospitalized	>5	>5	>5
Survived ¹	>5	>5	1,675
Deceased	>5	>5	279
Unknown	>5	>5	>5
Grand Total	3	25	1,983
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 (by date of report)

Ever hospitalized	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
No	>5	19	1,365
Yes	>5	>5	352
Unknown	>5	>5	266
Grand Total	3	25	1,983

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*
No outbreaks to report			

*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

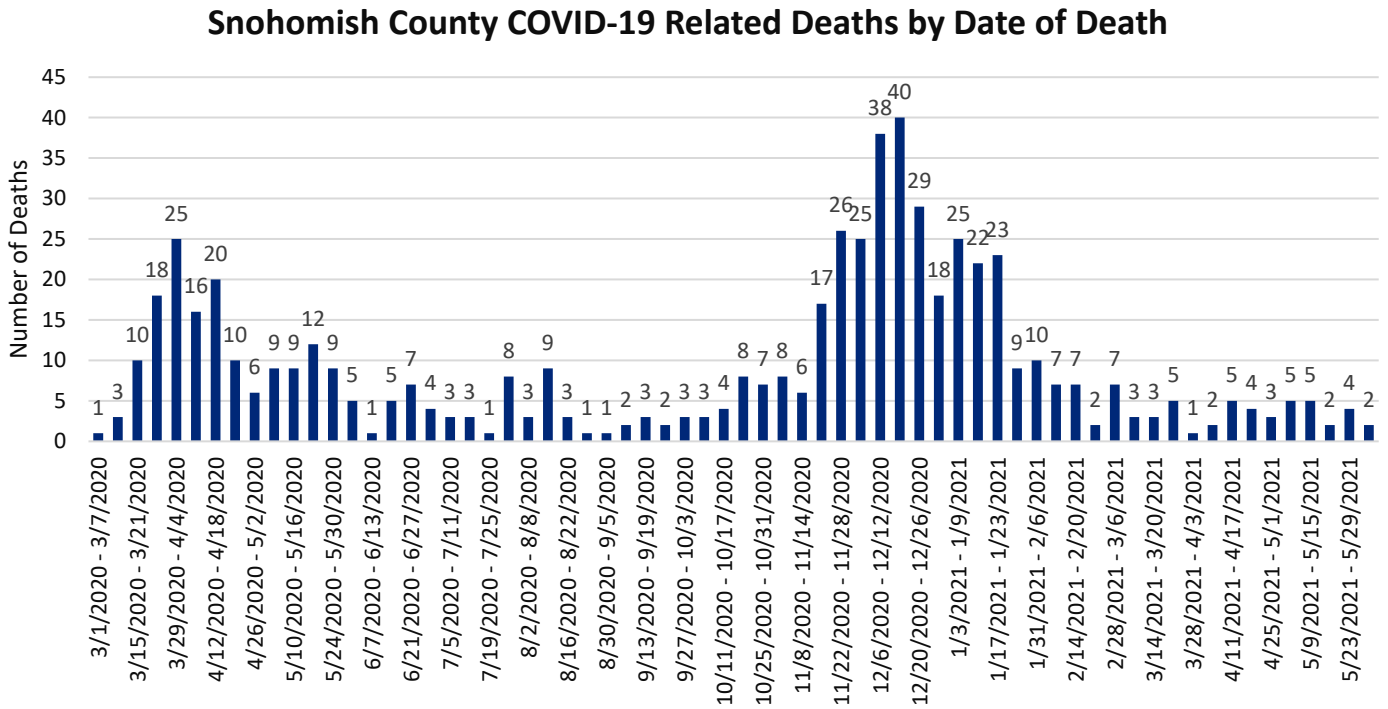


Table 16: Gender of COVID-19 related deaths in Snohomish County by case report date

Sex at birth	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
Female	>5	>5	292
Male	>5	>5	305
Grand Total	8	8	597

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

Age group in years	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
20-29	>5	>5	>5
30-39	>5	>5	>5
40-49	>5	>5	24
50-59	>5	>5	34
60-69	>5	>5	81
70-79	>5	>5	153
80+	5	>5	297
Grand Total	8	8	597

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	1%	Not calculated <5	0.1%
30-39	>5	1%	Not calculated <5	0.1%
40-49	24	4%	21.2	0.4%
50-59	34	6%	29.9	0.6%
60-69	81	14%	83.5	2.5%
70-79	153	26%	292.4	10.0%
80+	297	50%	1,182.5	24.3%
Grand Total	597	100%	71.9	1.5%

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

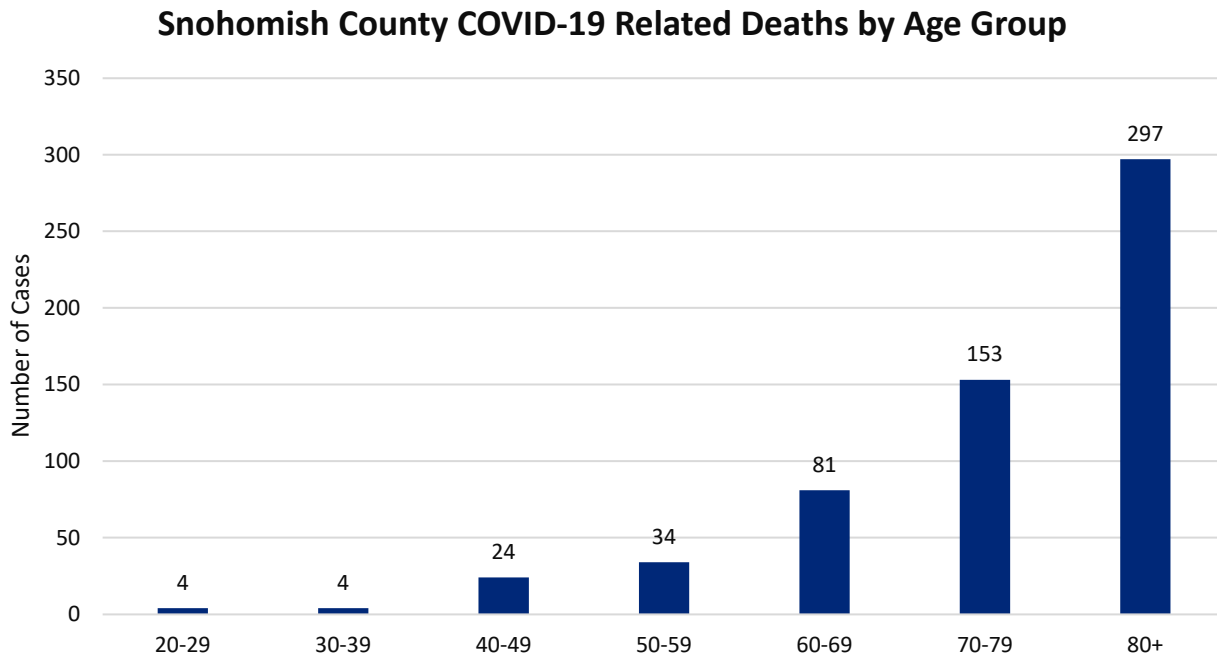


Table 18: Underlying health conditions of COVID-19 related deaths in Snohomish County

Underlying health condition	Number	Percent
Yes	528	88.4%
No	34	5.7%
Unknown	35	5.9%
Grand Total	597	100.0%

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

Ever hospitalized	Number	Percent
Yes	417	69.8%
No	165	27.6%
Unknown	15	2.5%
Grand Total	597	100.0%

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

Type of exposure	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
Long-term care facility associated	>5	>5	279
Community acquired	>5	>5	148
Close contact	>5	>5	73
Nosocomial	>5	>5	20
Travel	>5	>5	>5
Healthcare worker	>5	>5	>5
Unknown	>5	>5	74
Grand Total	8	8	597

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

City	May 2021	April 2021	Cumulative 1/20/2020-5/31/2021
Arlington	>5	>5	34
Bothell	>5	>5	31
Darrington	>5	>5	>5
Edmonds	>5	>5	61
Everett	>5	>5	157
Gold Bar	>5	>5	>5
Granite Falls	>5	>5	>5
Lake Stevens	>5	>5	22
Lynnwood	>5	>5	77
Marysville	>5	>5	65
Mill Creek	>5	>5	10
Monroe	>5	>5	31
Mountlake Terrace	>5	>5	8
Mukilteo	>5	>5	10
Snohomish	>5	>5	20
Stanwood	>5	>5	45
Sultan	>5	>5	>5
Tulalip	>5	>5	12
Woodinville	>5	>5	>5
Grand Total	8	8	597