

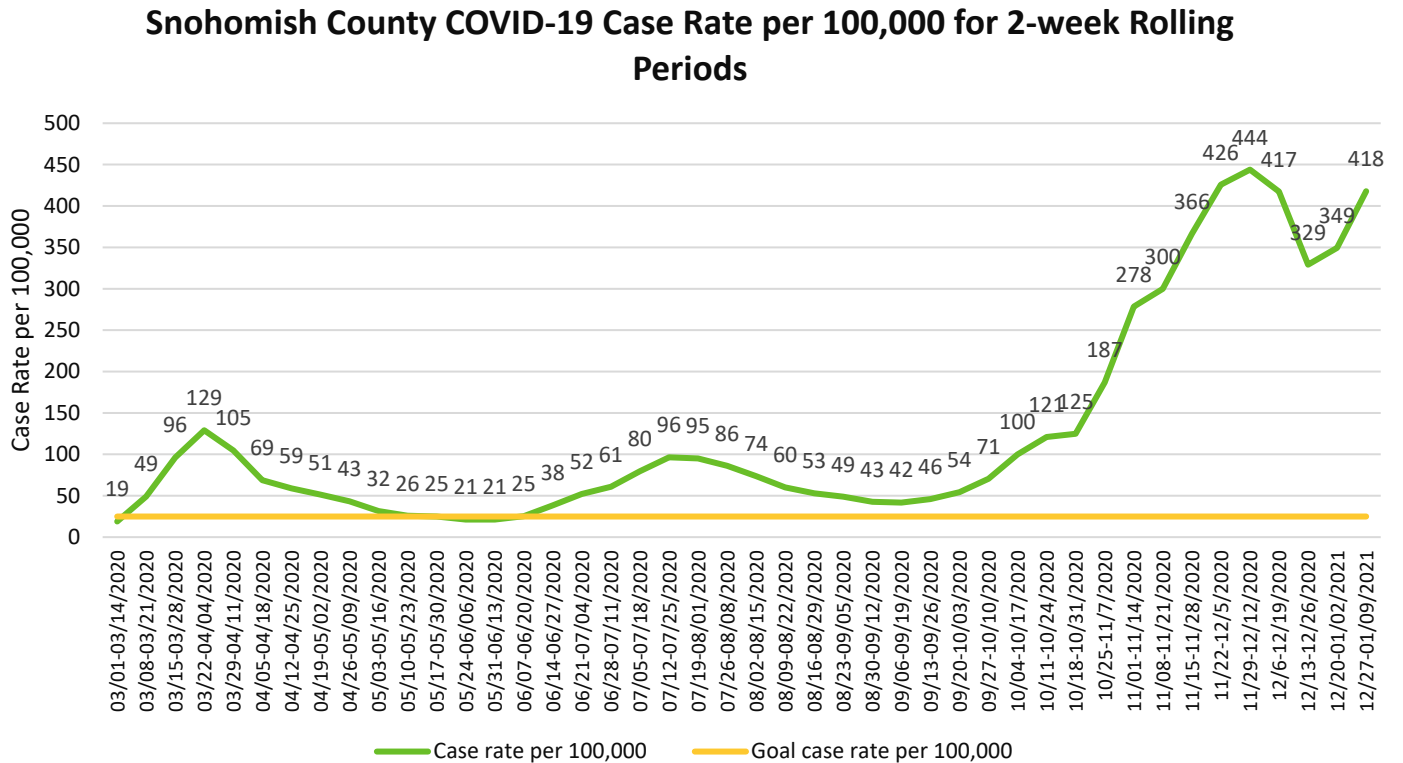
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**SUMMARY OF KEY COVID-19 SAFE START METRICS**

<b>ONE-WEEK PERIOD COMPARISONS</b>				
<b>Metric</b>	<b>Definition</b>	<b>Current Jan 3-9</b>	<b>Prior Dec 27-Jan 2</b>	<b>Target</b>
<b>Activity</b>	Cases per 100,000 population during the 14 days ending on the last day of the week (Fig. 1, p. 2)	418	349	<25
	New hospitalizations per 100,000 population for the week	4.5	8.3	--
<b>Healthcare System Readiness</b>	Percentage of licensed acute care hospital beds occupied	93%	90%	<80%
	Percentage of licensed acute care hospital beds occupied by COVID-19 cases	14.9%	17.3%	<10%
<b>Testing</b>	Tests conducted by Health District	5,072	4,524	--
	Health District test positivity rate	10.8%	10.6%	<2%
	Median time from symptom onset to specimen collection among cases for the week	2 day	2 day	<2 days
<b>TWO-WEEK PERIOD COMPARISONS</b>				
<b>Metric</b>	<b>Definition</b>	<b>Dec 13-26</b>	<b>Nov 29-Dec 12</b>	<b>Target</b>
<b>Case and contact investigations (pp. 13-14)</b>	Percent of cases reached by phone or in person within 24 hours of receipt of positive lab test report on a case	32%	42%	90%
	Percent of contacts reached by phone or in person within 48 hours of receipt of positive lab test report on a case	65%	72%	80%
<b>Protecting high-risk populations</b>	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)	59	60	≤2
<b>Notes:</b>				
<sup>1</sup> 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**

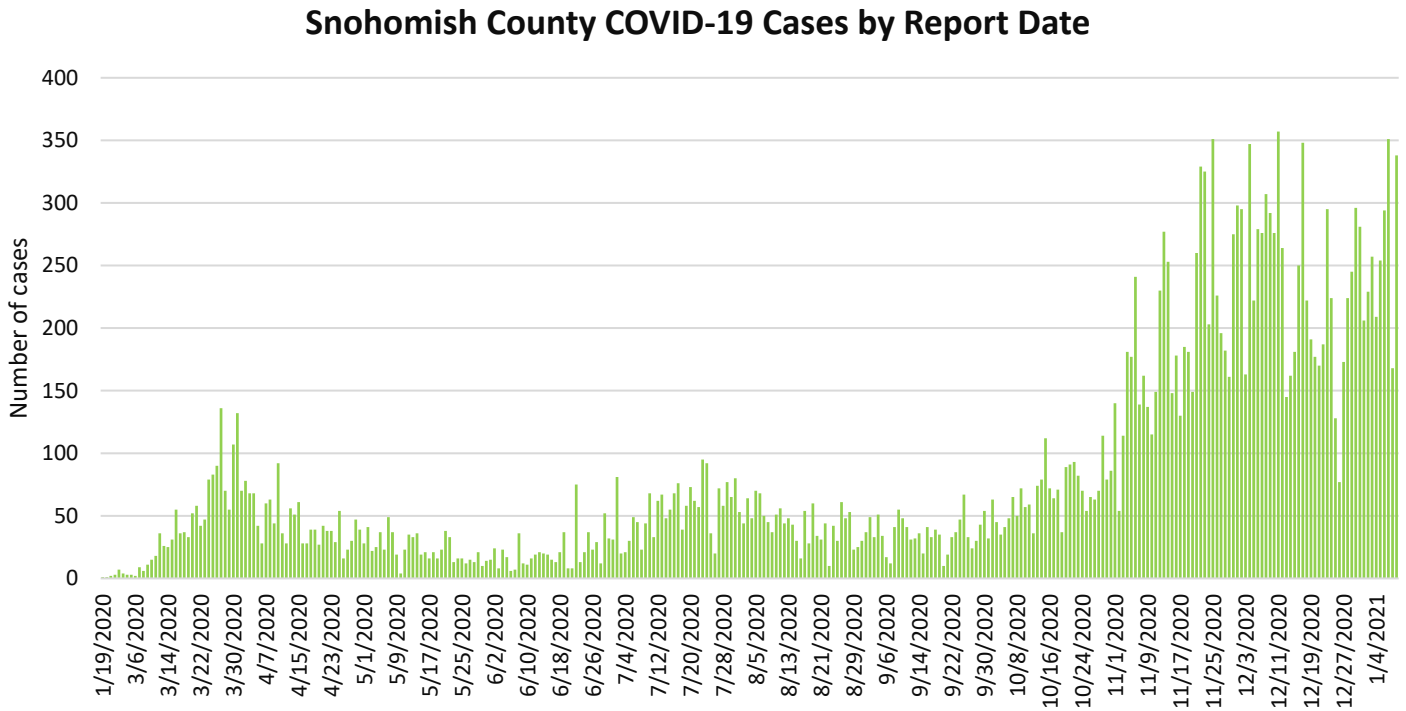
Figure 1: Snohomish County COVID-19 case rates per 100,000



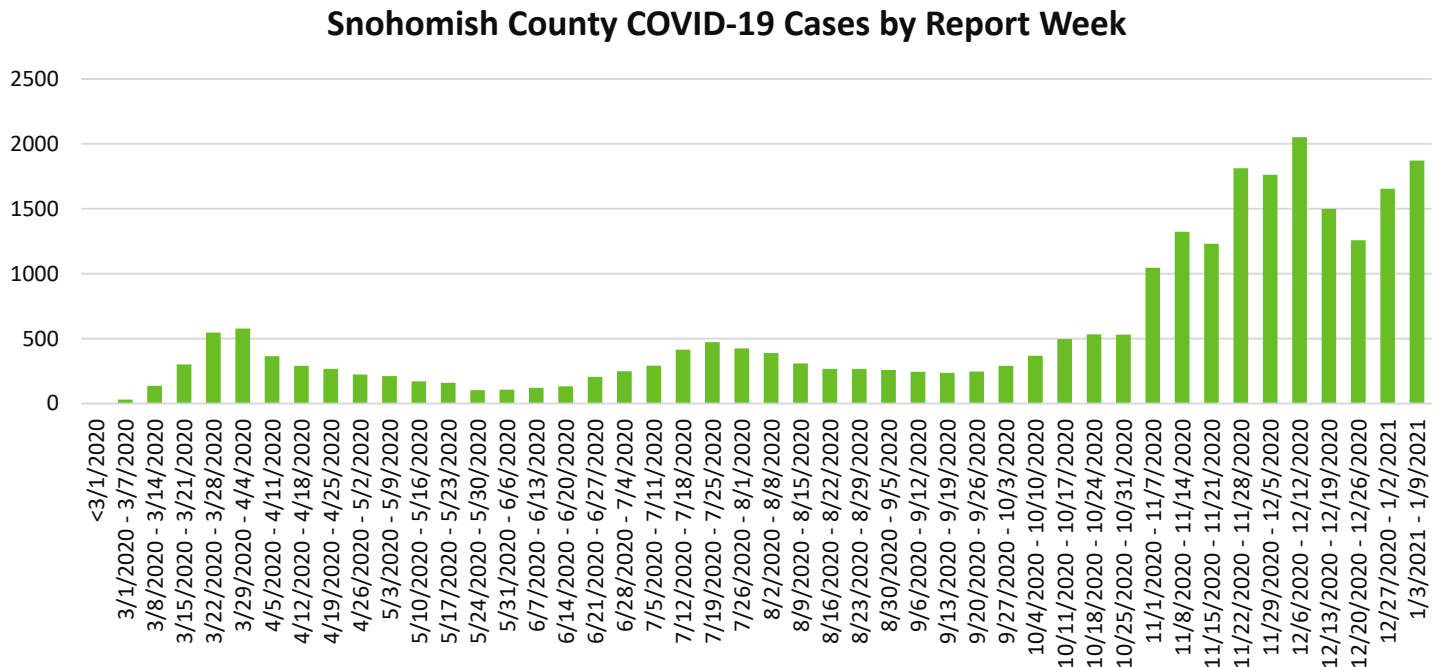
Data source: Snohomish Health District COVID-19 database.

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

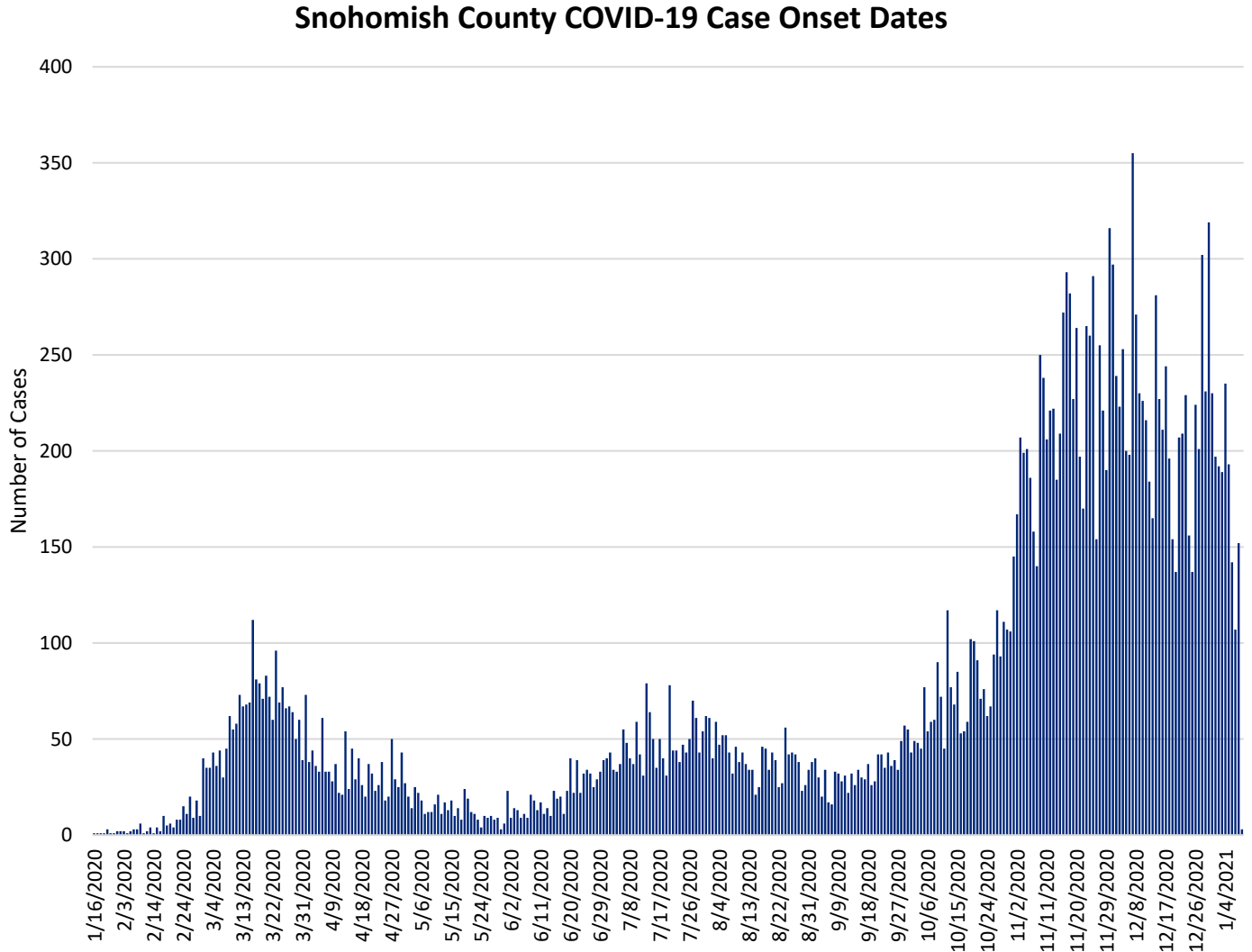


**Figure 2b: Number of Snohomish County COVID-19 cases by week of report**



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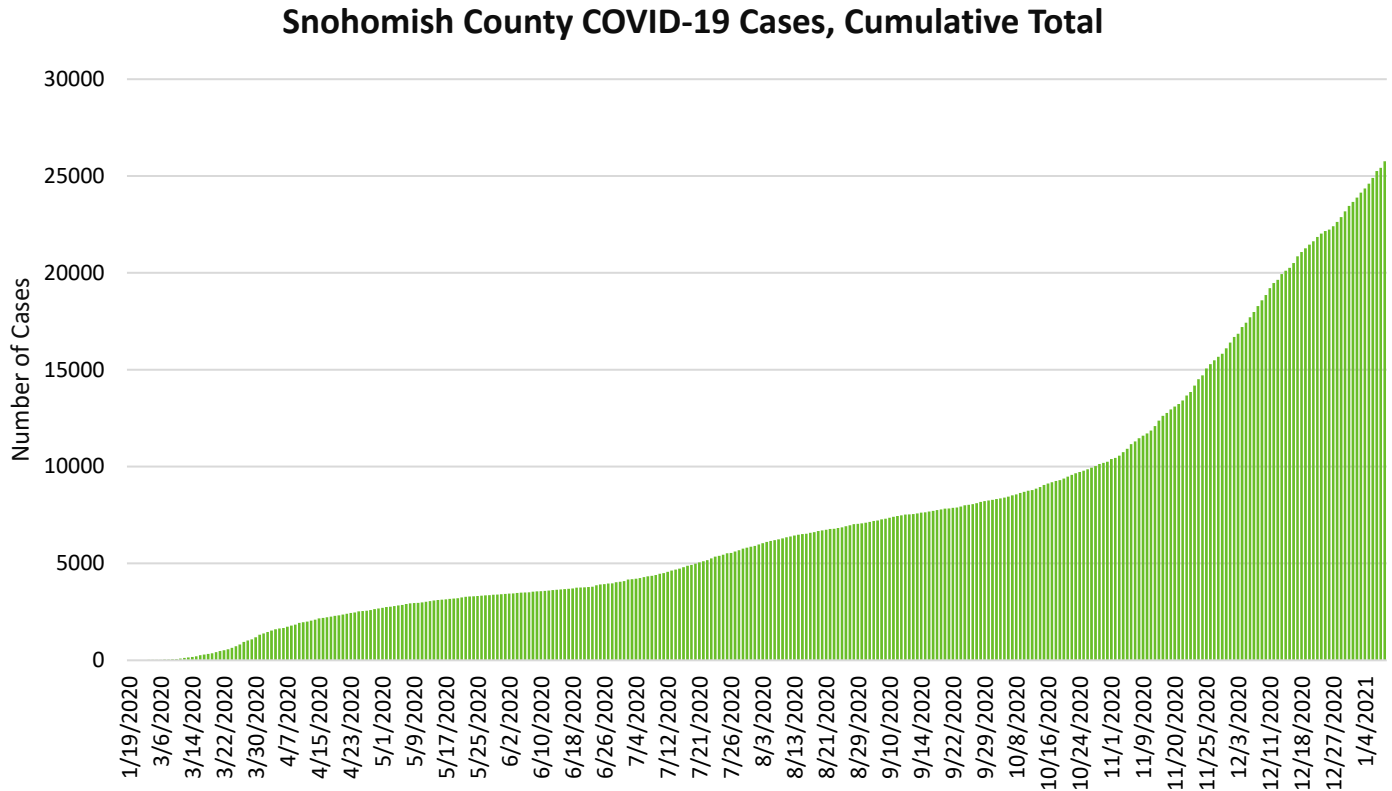
**Figure 3: Snohomish County COVID-19 epidemiologic curve**



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**

<b>Sex at birth</b>	<b>Current 2-Week Period 12/27-1/9/2021</b>	<b>Prior 2-Week Period 12/13-12/26/2020</b>	<b>Cumulative 01/20/2020-present</b>
Female	1725	1388	12563
Male	1800	1376	13191
Unknown	0	2	3
<b>Grand Total</b>	<b>3525</b>	<b>2766</b>	<b>25757</b>

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

Age group in years	Current 2-Week Period 12/27-1/9/2021	Prior 2-Week Period 12/13-12/26/2020	Cumulative 01/20/2020-present
0-14	351	277	2251
15-19	225	194	1731
20-29	702	489	4996
30-39	631	479	4709
40-49	574	444	4098
50-59	481	372	3531
60-69	286	255	2247
70-79	151	150	1186
80+	122	105	998
Unknown	2	1	10
<b>Grand Total</b>	<b>3525</b>	<b>2766</b>	<b>25757</b>

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

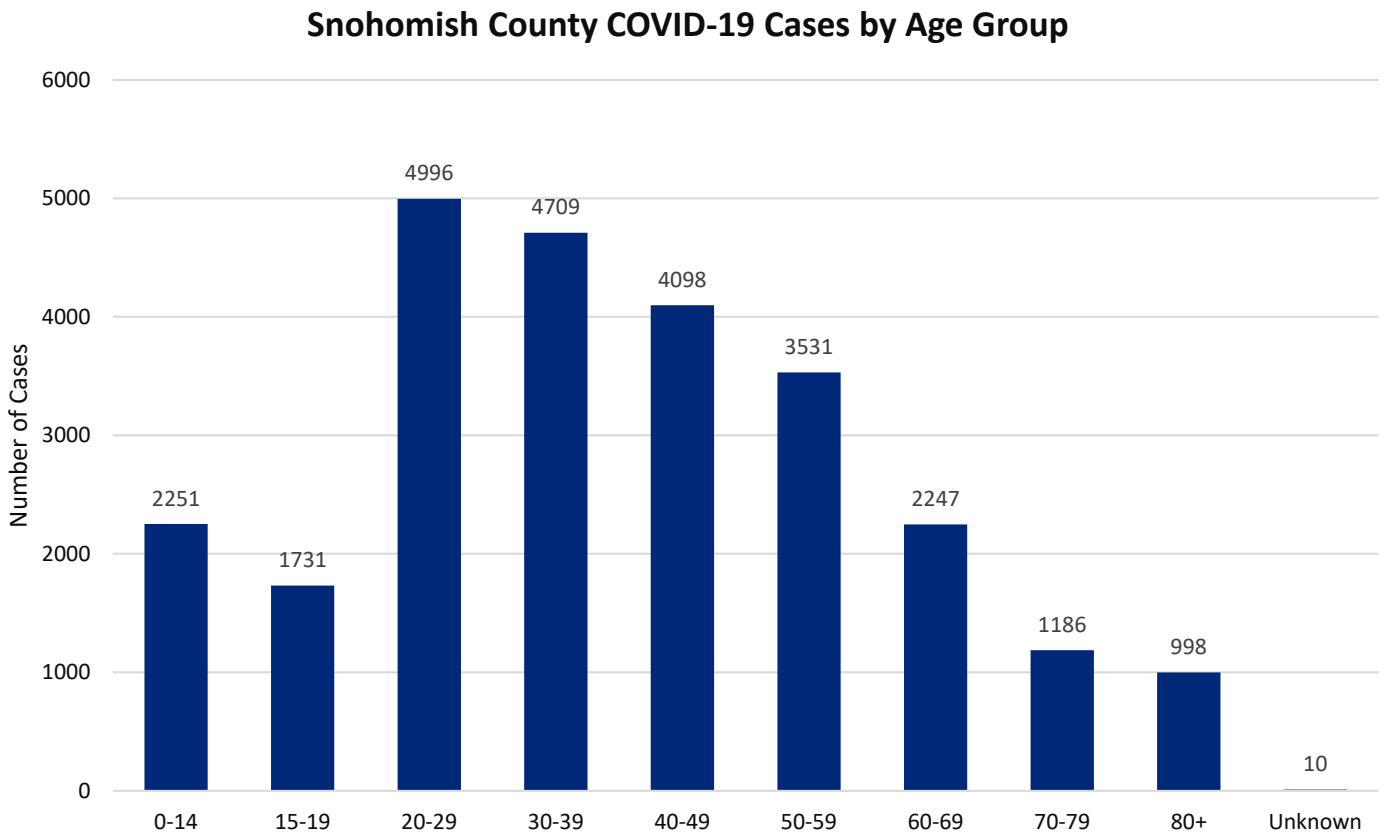
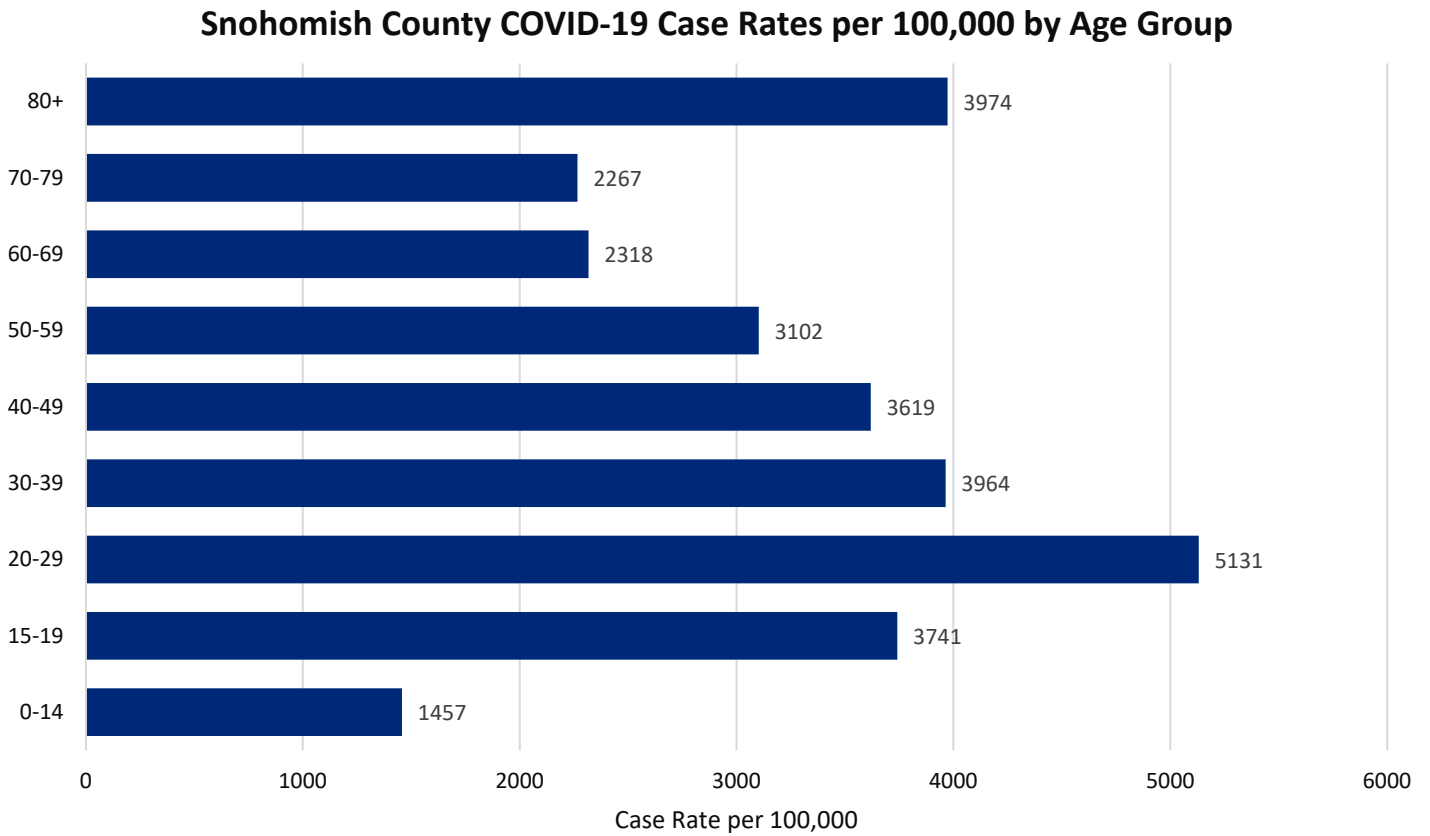
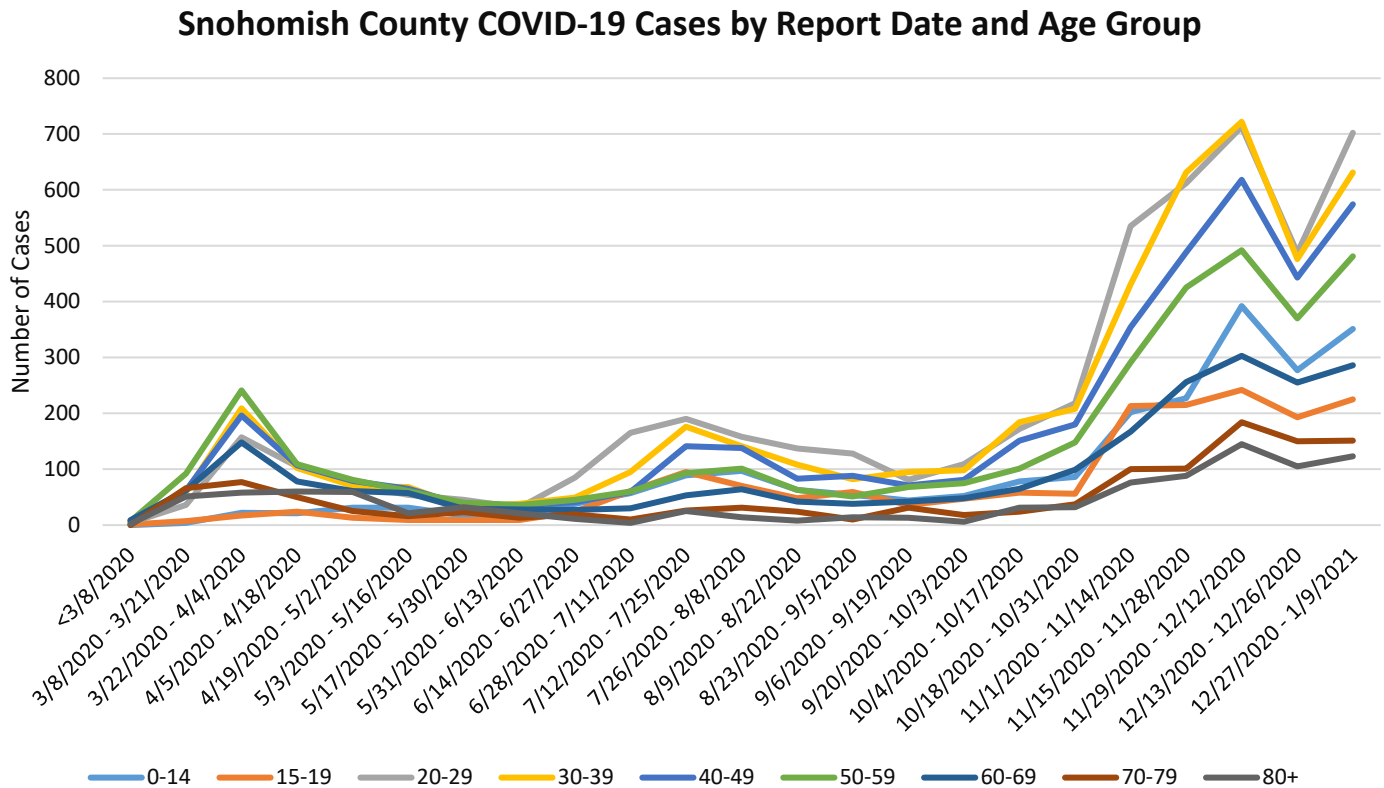


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group



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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.

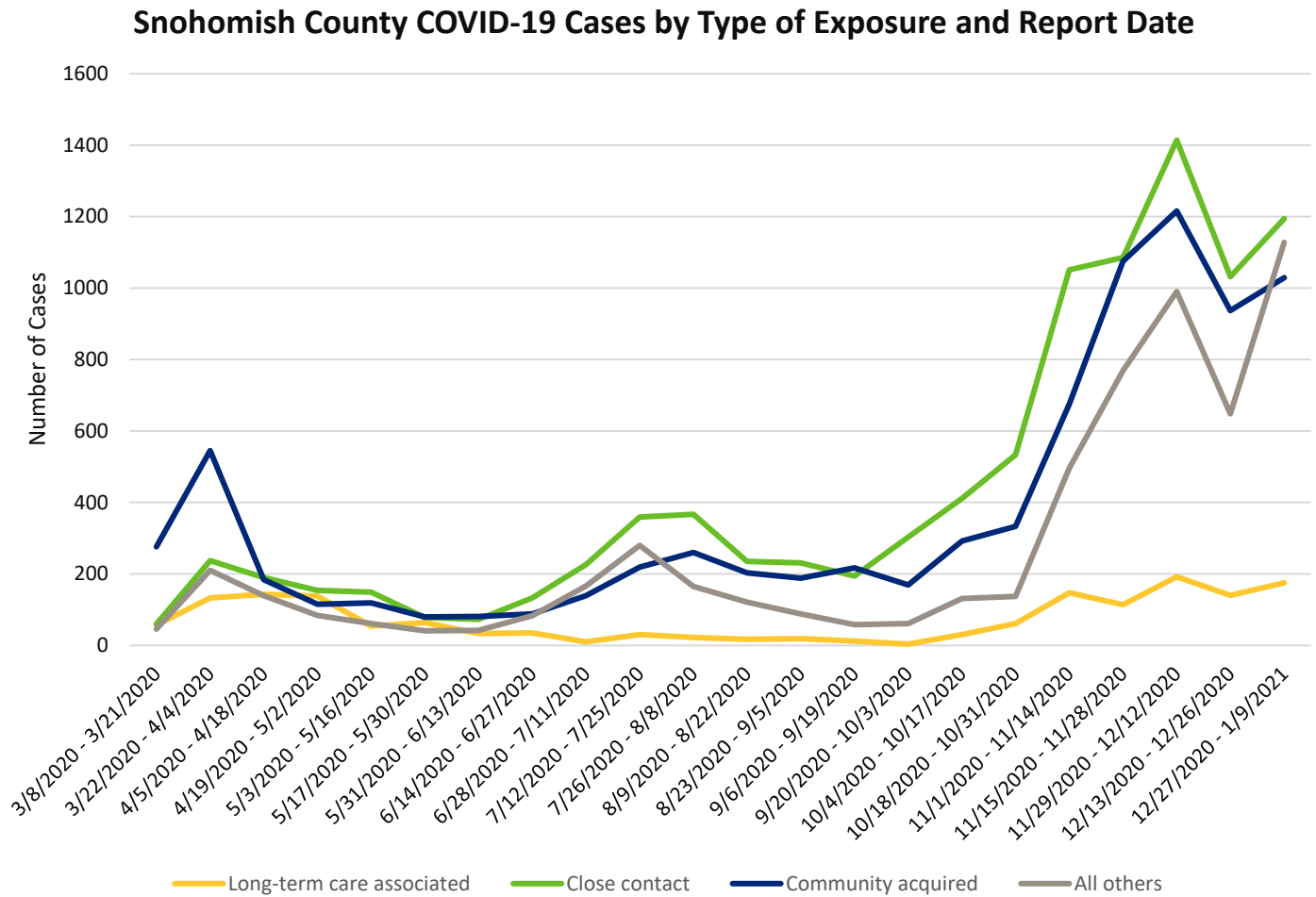
**Table 3: Type of exposure among COVID-19 cases in Snohomish County**

Type of exposure	Current 2-Week Period 12/27-1/9/2021	Prior 2-Week Period 12/13-12/26/2020	Cumulative 01/20/2020-present
Close contact	1194	1044	9711
Community acquired	1029	946	8455
Long-term Care Facility Associated	174	124	1645
Healthcare Worker	<5	<5	474
Travel	0	<5	152
Corrections	252	8	355
Nosocomial	<5	10	55
Unknown	871	630	4910
<b>Grand Total</b>	<b>3525</b>	<b>2766</b>	<b>25757</b>



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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 12/27-1/9/2021	Prior 2-Week Period 12/13-12/26/2020	All cases 01/20/2020-present
Home isolation	2450	1974	6347
Hospitalized	44	51	78
Survived <sup>1</sup>	114	61	16520
Deceased	17	29	434
Unknown <28 days since case report	900	651	2378
<b>Grand Total</b>	<b>3525</b>	<b>2766</b>	<b>25757</b>

<sup>1</sup>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**

<b>Month</b>	<b>Asymptomatic (%)</b>	<b>Symptomatic (%)</b>	<b>Total</b>
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
<b>Grand Total</b>	<b>2,069 (11.8%)</b>	<b>15,397 (88.2%)</b>	<b>17,466</b>

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**

<b>Ever hospitalized</b>	<b>Current 2-Week Period 12/27-1/9/2021</b>	<b>Prior 2-Week Period 12/13-12/26/2020</b>	<b>Cumulative 01/20/2020-present</b>
No	2427	1905	19135
Yes	102	116	1411
Unknown	996	745	5211
<b>Grand Total</b>	<b>3525</b>	<b>2766</b>	<b>25757</b>

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**Table 7: COVID outbreaks by type**

<b>Type of outbreak</b>	<b>Current 2-Week Period 12/27-1/9/2021</b>	<b>Prior 2-Week Period 12/13-12/26/2020</b>	<b>Cumulative 01/20/2020-present</b>
Adult family home	10	10	50
Agriculture	0	0	1
Bar	0	0	2
Behavioral health	0	0	1
Childcare	2	5	35
Community	0	0	1
Construction	3	2	36
Corrections	0	1	1
Dental	0	0	1
Emergency services	0	0	2
Faith based services	1	1	6
Financial Institution	0	1	4
Food processing	2	1	14
Government	1	1	10
Gym	0	0	1
Healthcare provider	0	1	7
Home health	0	0	3
Hospital	0	1	6
Landscaping	0	2	7
Law enforcement	0	0	1
Leisure/recreation	0	1	8
Long-term care facility	4	8	90
Manufacturing	12	3	41
Personal Care and Services	0	0	5
Real estate	0	0	7
Restaurant	3	3	40
Retail	10	8	61
School	1	2	19
Service provider	7	6	28
Shelter	0	0	5
Social Event	2	0	6
Transportation	1	2	9
Utilities	0	2	3
Veterinary	0	0	2
Warehouse	0	0	2
<b>Total number of outbreaks (number of cases)</b>	<b>59 (274)</b>	<b>60 (205)</b>	<b>515</b>

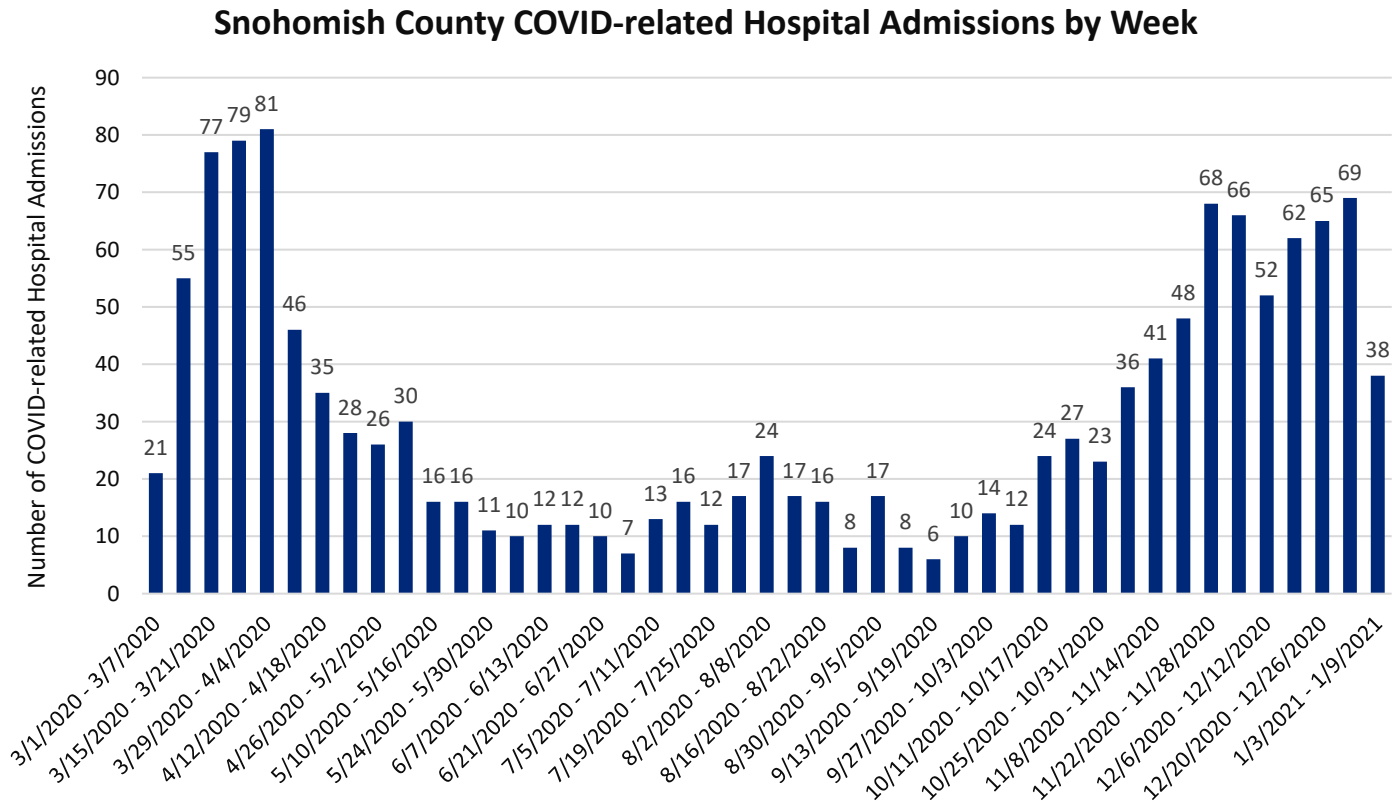
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**Table 8: City of residence of COVID-19 cases in Snohomish County**

<b>City</b>	<b>Current 2-Week Period 12/27-1/9/2021</b>	<b>Prior 2-Week Period 12/13-12/26/2020</b>	<b>Cumulative 01/20/2020-present</b>
Arlington	204	161	1316
Bothell	210	186	1729
Brier	27	13	120
Darrington	<5	<5	28
Edmonds	193	176	1568
Everett	740	694	6838
Gold Bar	18	14	87
Granite Falls	60	49	260
Lake Stevens	208	171	1444
Lynnwood	451	399	3778
Marysville	411	302	2596
Mill Creek	63	43	436
Monroe	386	80	1279
Mountlake Terrace	71	60	666
Mukilteo	79	40	490
North Lakewood	0	<5	5
Silvana	<5	<5	10
Snohomish	214	214	1686
Stanwood	74	86	720
Startup	<5	0	<5
Sultan	47	12	193
Tulalip	45	48	378
Woodinville	15	<5	78
Woodway	<5	<5	34
Unknown	<5	0	15
<b>Grand Total</b>	<b>3525</b>	<b>2766</b>	<b>25757</b>

**COVID-19 CONTROL PROCESS INDICATORS**

Figure 9: COVID-related hospital admissions by week



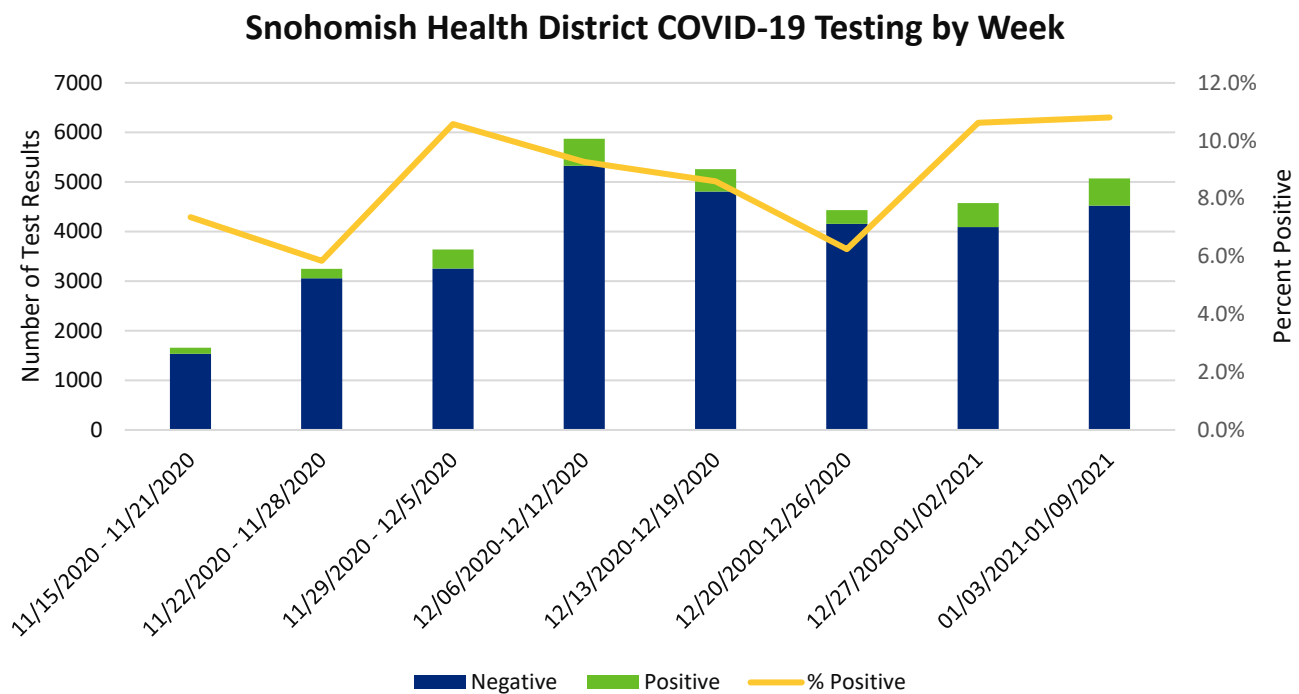
Data source: Snohomish Health District COVID-19 database

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**Table 9: Snohomish Health District testing activity by week**

Week	Tests Reported	Negative	Positive	% Positive
11/29/2020 - 12/5/2020	3640	3255	385	10.6%
12/06/2020-12/12/2020	5872	5328	544	9.3%
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%
<b>Total 11-29-1/9/2021</b>	<b>28,854</b>	<b>26,162</b>	<b>2,692</b>	<b>9.3%</b>

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



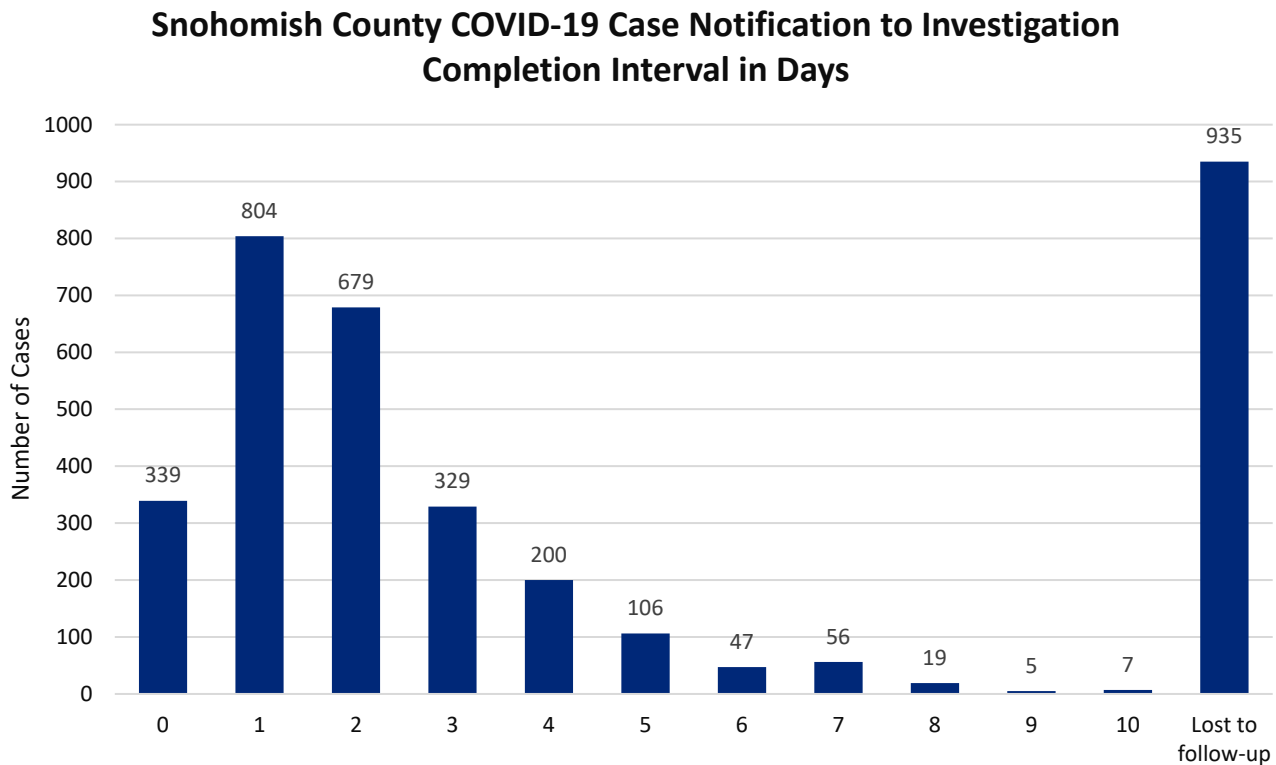
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**Table 10: Percent of case investigations completed within 1 and 2 days of initial notification of case**

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
9/20-10/3/2020	471	371	79%	405	139%
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%

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

**Figure 11: Case notification to investigation completion interval in days (12/27-1/9/2021)**



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

<b>Week</b>	<b>Contacts identified</b>	<b>Number contacted within 2 days</b>	<b>Percent contacted within 2 days</b>
9/20-10/3/2020	634	529	83%
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%
12/27-01/09/2021	1089	706	65%

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

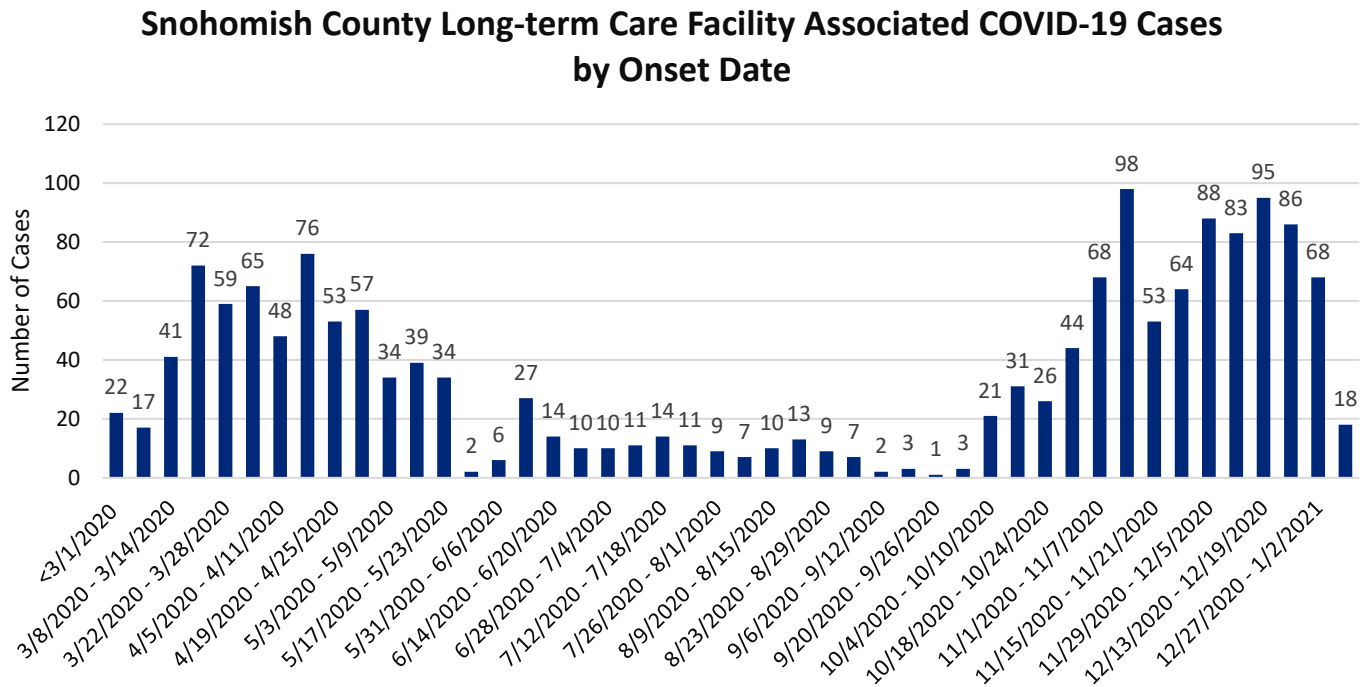


Table 12: Type of LTCF-associated COVID-19 case

Type	Current 2-Week Period 12/27-1/9/2021	Prior 2-Week Period 12/13-12/26/2020	Cumulative 01/20/2020-present
Resident	115	92	942
Staff	58	31	693
Other	<5	<5	10
<b>Grand Total</b>	<b>174</b>	<b>124</b>	<b>1645</b>

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

<b>Current status</b>	<b>Current 2-Week Period 12/27-1/9/2021</b>	<b>Prior 2-Week Period 12/13-12/26/2020</b>	<b>All cases 01/20/2020-present</b>
Home isolation	117	55	274
Hospitalized	10	13	19
Survived <sup>1</sup>	0	19	1014
Deceased	10	12	233
Unknown <28 days from case report	37	25	105
<b>Grand Total</b>	<b>174</b>	<b>124</b>	<b>1645</b>

<sup>1</sup>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**

<b>Ever hospitalized</b>	<b>Current 2-Week Period 12/27-1/9/2021</b>	<b>Prior 2-Week Period 12/13-12/26/2020</b>	<b>Cumulative 01/20/2020-present</b>
No	101	55	1116
Yes	30	24	325
Unknown	43	45	204
<b>Grand Total</b>	<b>174</b>	<b>124</b>	<b>1645</b>

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

<b>Facility</b>	<b>Number</b>	<b>Date outbreak reported</b>	<b>Date outbreak resolved*</b>
Arlington Health and Rehab	51	10/8/2020	1/11/2021
Bethany at Silver Lake #3	36	10/23/2020	1/18/2021
Cascade Valley Senior Living Arlington	28	11/7/2020	1/24/2021
Mukilteo Memory Care #2	23	12/10/2020	1/16/2021
Everett Center #2	15	11/3/2020	2/2/2021
Bethany at Pacific #2	12	9/3/2020	1/13/2021
Anngelou AFH	9	12/23/2020	1/25/2021
Fieldstone Memory Care of Marysville #2	9	12/28/2020	1/25/2021
A Beautiful Living ADET AFH Lynnwood	7	12/30/2020	1/19/2021
Woodhaven Lynnwood	7	1/4/2021	1/25/2021
Lynnwood Post Acute #3	7	1/8/2021	1/25/2021
Aegis of Lynnwood	6	11/24/2020	1/11/2021
Adam AFH	6	12/21/2020	1/13/2021
Prestige Post Acute Rehab Edmonds #2	6	12/7/2020	1/14/2021
Chateau Pacific Assisted Living #3	6	12/21/2020	1/19/2021
Ambitions Mountlake Terrace	5	11/10/2020	1/13/2021
Sunrise View Everett #3	5	12/7/2020	1/18/2021

\*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

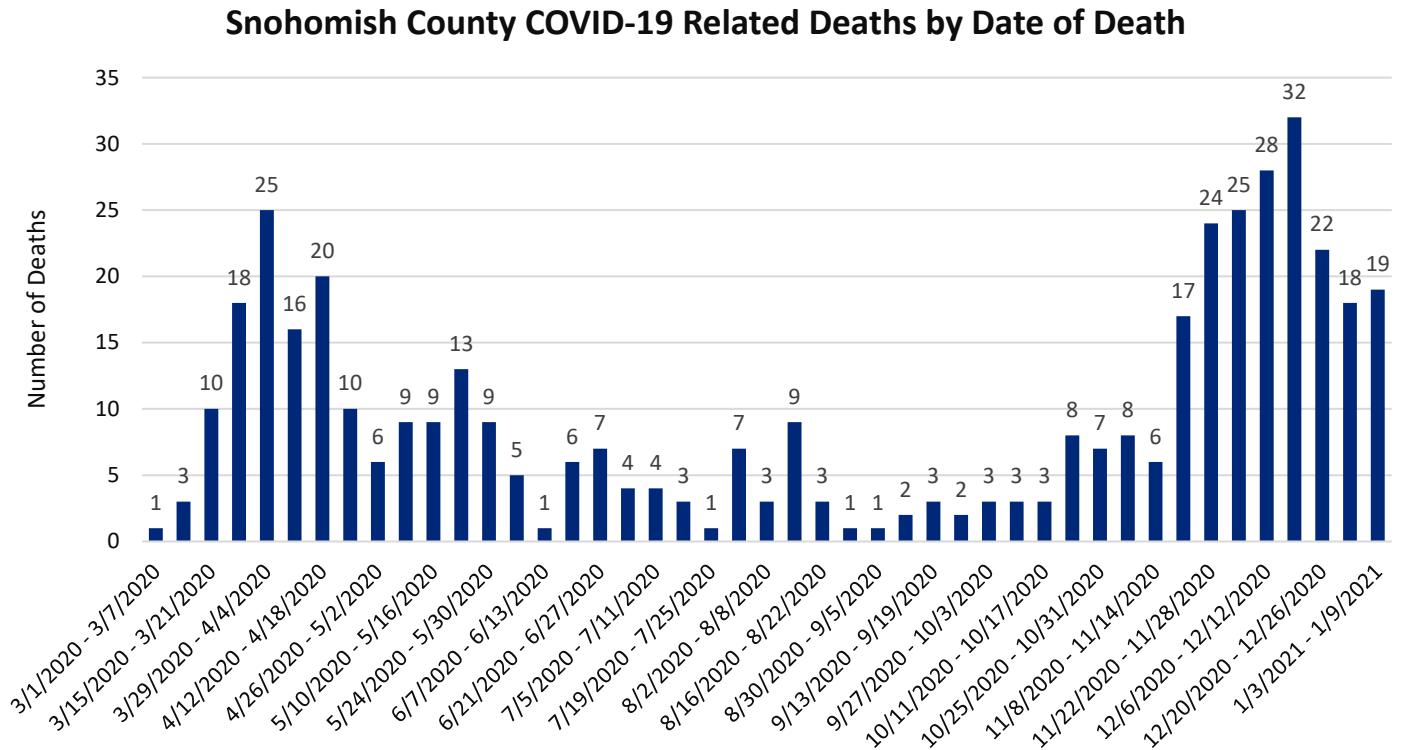


Table 16: Gender of COVID-19 related deaths in Snohomish County by case report date

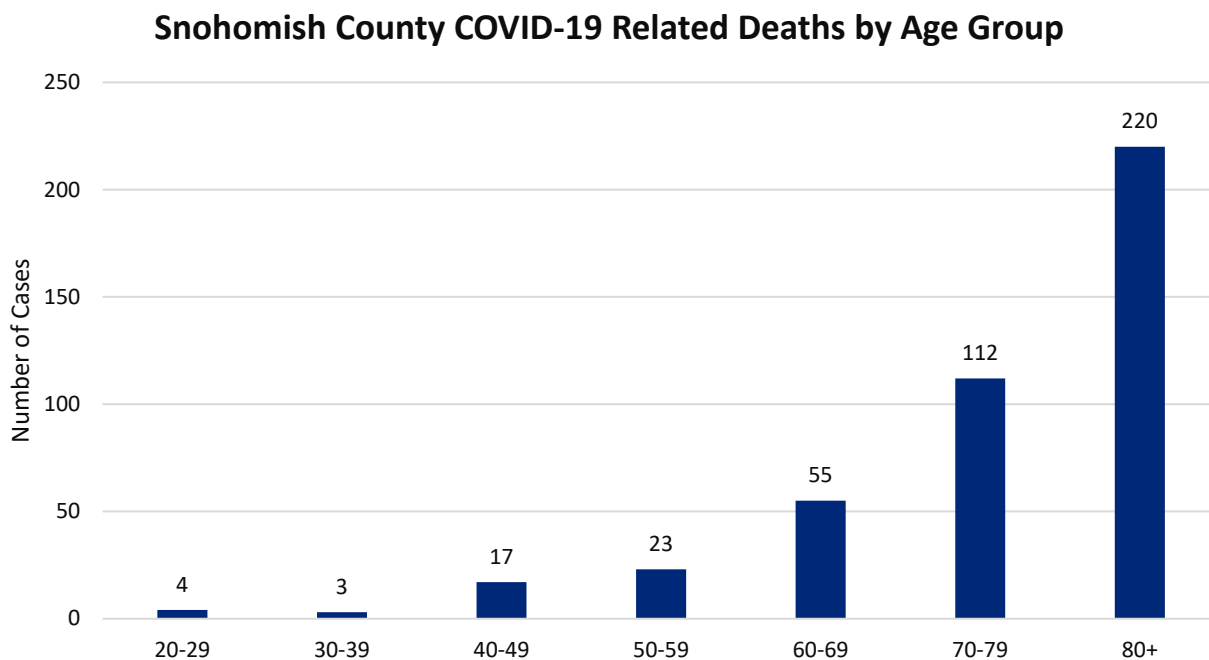
Sex at birth	Current 2-Week Period 12/27-1/9/2021	Prior 2-Week Period 12/13-12/26/2020	Cumulative 01/20/2020-present
Female	15	12	212
Male	2	11	222
<b>Grand Total</b>	<b>17</b>	<b>23</b>	<b>434</b>

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**Table 17: Age group of COVID-19 related deaths in Snohomish County**

Age group in years	Current 2-Week Period 12/27-1/9/2021	Prior 2-Week Period 12/13-12/26/2020	Cumulative 01/20/2020-present
20-29	0	<5	<5
30-39	0	<5	<5
40-49	0	0	17
50-59	<5	0	23
60-69	<5	<5	55
70-79	<5	6	112
80+	10	12	220
<b>Grand Total</b>	<b>17</b>	<b>23</b>	<b>434</b>

**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	400	92.2%
No	21	4.8%
Unknown	13	3.0%
<b>Grand Total</b>	<b>434</b>	<b>100.0%</b>

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

Ever hospitalized	Number	Percent
Yes	301	69.4%
No	131	30.2%
Unknown	<5	0.5%
<b>Grand Total</b>	<b>434</b>	<b>100.0%</b>

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

Type of exposure	Current 2-Week Period 12/27-1/9/2021	Prior 2-Week Period 12/13-12/26/2020	Cumulative 01/20/2020-present
Long-term care facility associated	10	12	228
Community acquired	<5	5	119
Close contact	0	<5	38
Nosocomial	0	<5	18
Travel	0	0	<5
Unknown	<5	<5	29
<b>Grand Total</b>	<b>17</b>	<b>23</b>	<b>434</b>

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

City	Current 2-Week Period 12/27-1/9/2021	Prior 2-Week Period 12/13-12/26/2020	Cumulative 01/20/2020-present
Arlington	0	<5	27
Bothell	0	<5	21
Darrington	0	0	<5
Edmonds	0	<5	49
Everett	<5	<5	118
Granite Falls	0	0	<5
Lake Stevens	0	0	16
Lynnwood	<5	7	52
Marysville	<5	5	46
Mill Creek	0	0	6
Monroe	<5	0	24
Mountlake Terrace	<5	0	6
Mukilteo	<5	0	<5
Snohomish	<5	<5	13
Stanwood	<5	0	40
Sultan	0	0	<5
Tulalip	0	<5	5
Woodinville	0	0	<5
<b>Grand Total</b>	<b>17</b>	<b>23</b>	<b>434</b>