

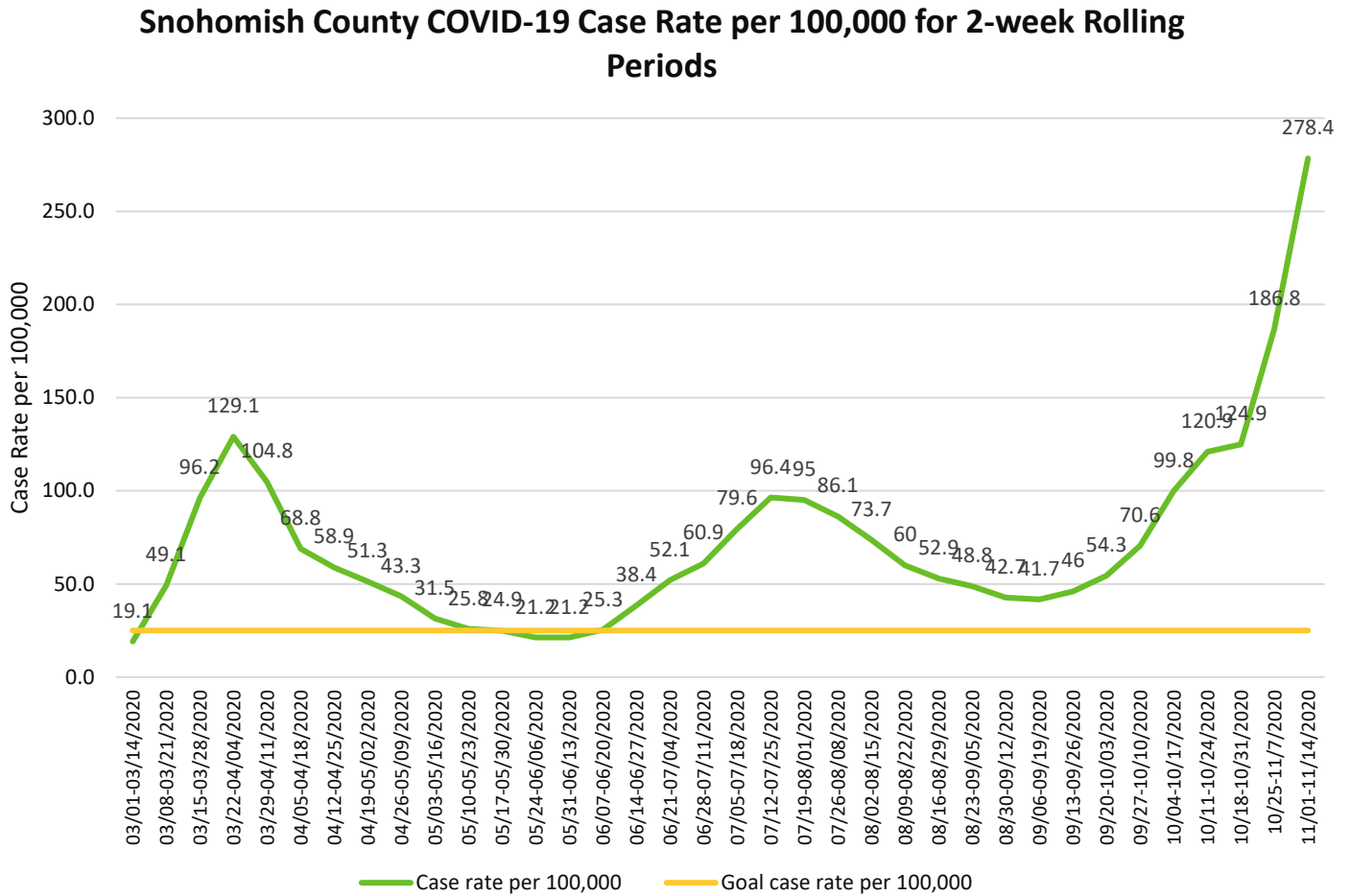
**SNOHOMISH HEALTH DISTRICT
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SUMMARY OF KEY COVID-19 SAFE START METRICS

Metric	Definition	Current Nov 8–Nov 14	Prior Nov 1–Nov 7	Target
Activity	Cases per 100,000 population during the 14 days ending on the last day of the week (Fig. 1, p. 2)	278.4	186.8	<25
	Average daily census of Snohomish County residents hospitalized with COVID-19 for the week (Fig. 9, p. 11)	49	27	--
	New hospitalizations per 100,000 population for the week	5.9	3.3	--
Healthcare System Readiness	Percentage of licensed acute care hospital beds occupied	83%	78%	<80%
	Percentage of licensed acute care hospital beds occupied by COVID-19 cases	6.9%	4.0%	<10%
Testing	Average daily tests per 100,000 population for the week	225	209	--
	Testing positivity rate for the week (Table 10, p.12)	9.9%	9.2%	<2%
	Median time from symptom onset to specimen collection among cases for the week	2 day	1 day	<2 days
Case and contact investigations (pp. 13-14)	Percent of cases reached by phone or in person within 24 hours of receipt of positive lab test report on a case	33%	41%	90%
	Percent of contacts reached by phone or in person within 48 hours of receipt of positive lab test report on a case	50%	72%	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)	17	19	≤2
Notes:				

COVID-19 EPIDEMIOLOGIC OVERVIEW

Figure 1: Snohomish County COVID-19 case rates per 100,000, March 1st through November 14th, 2020



Data source: Snohomish Health District COVID-19 database.

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

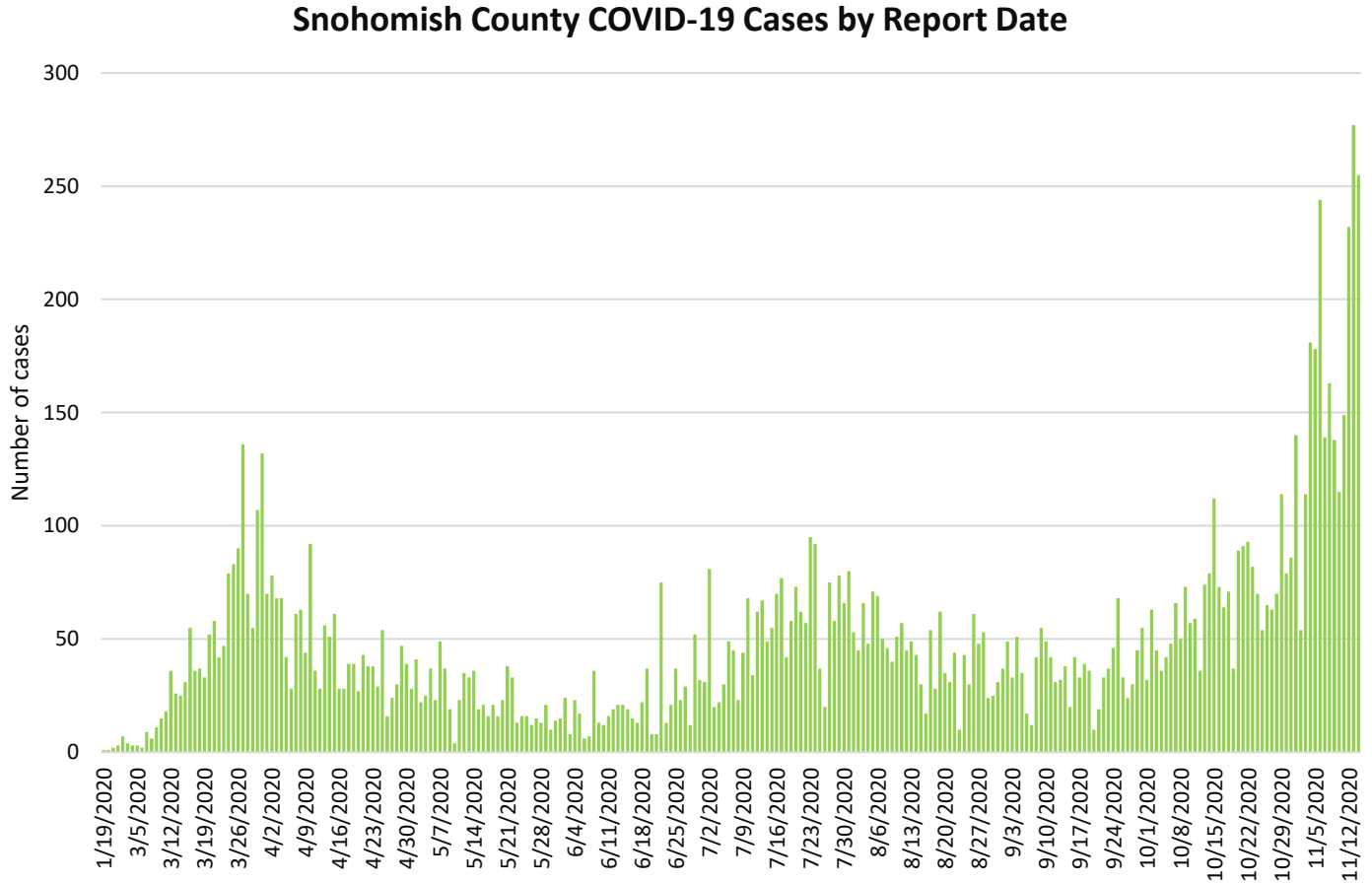
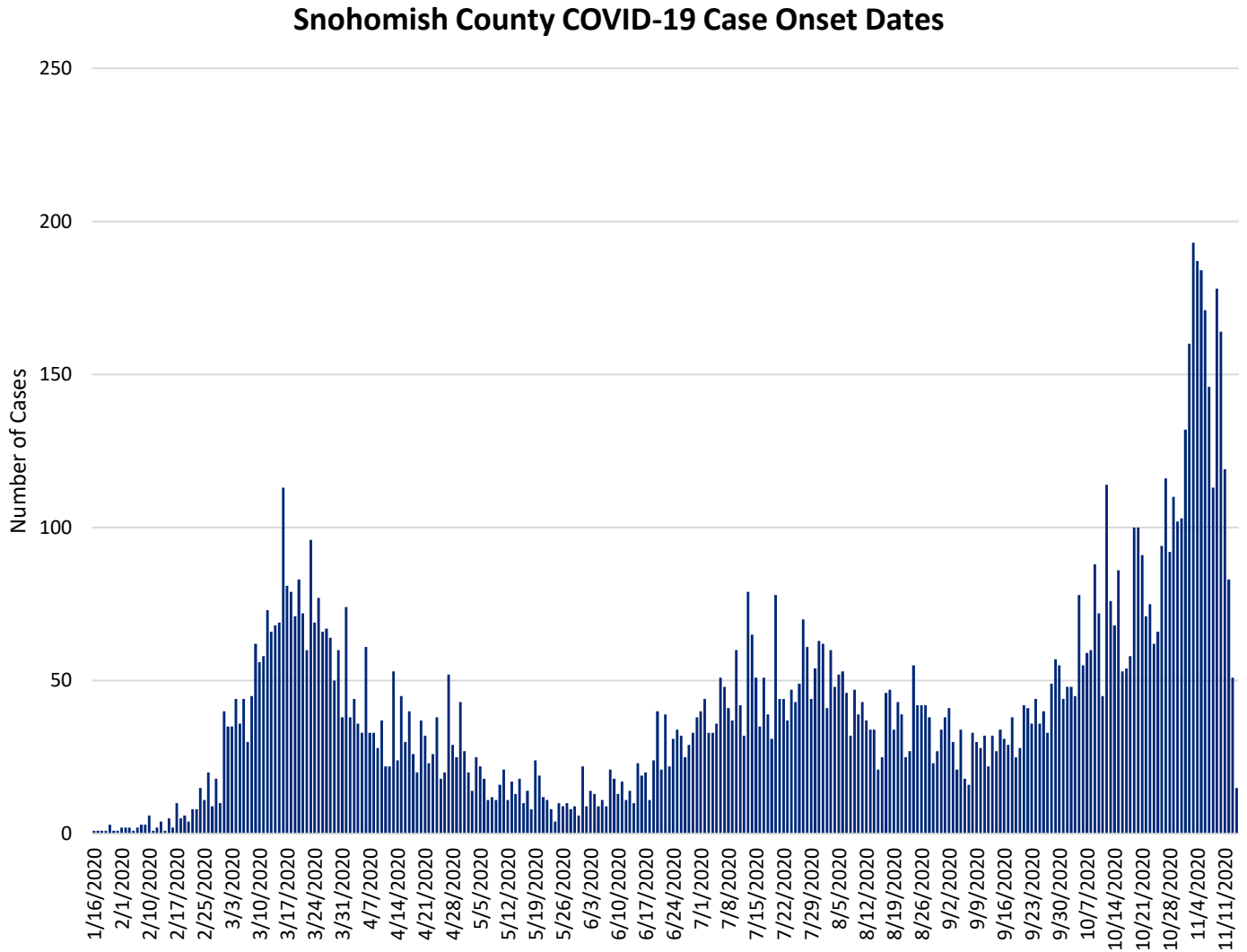


Figure 3: Snohomish County COVID-19 epidemiologic curve



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

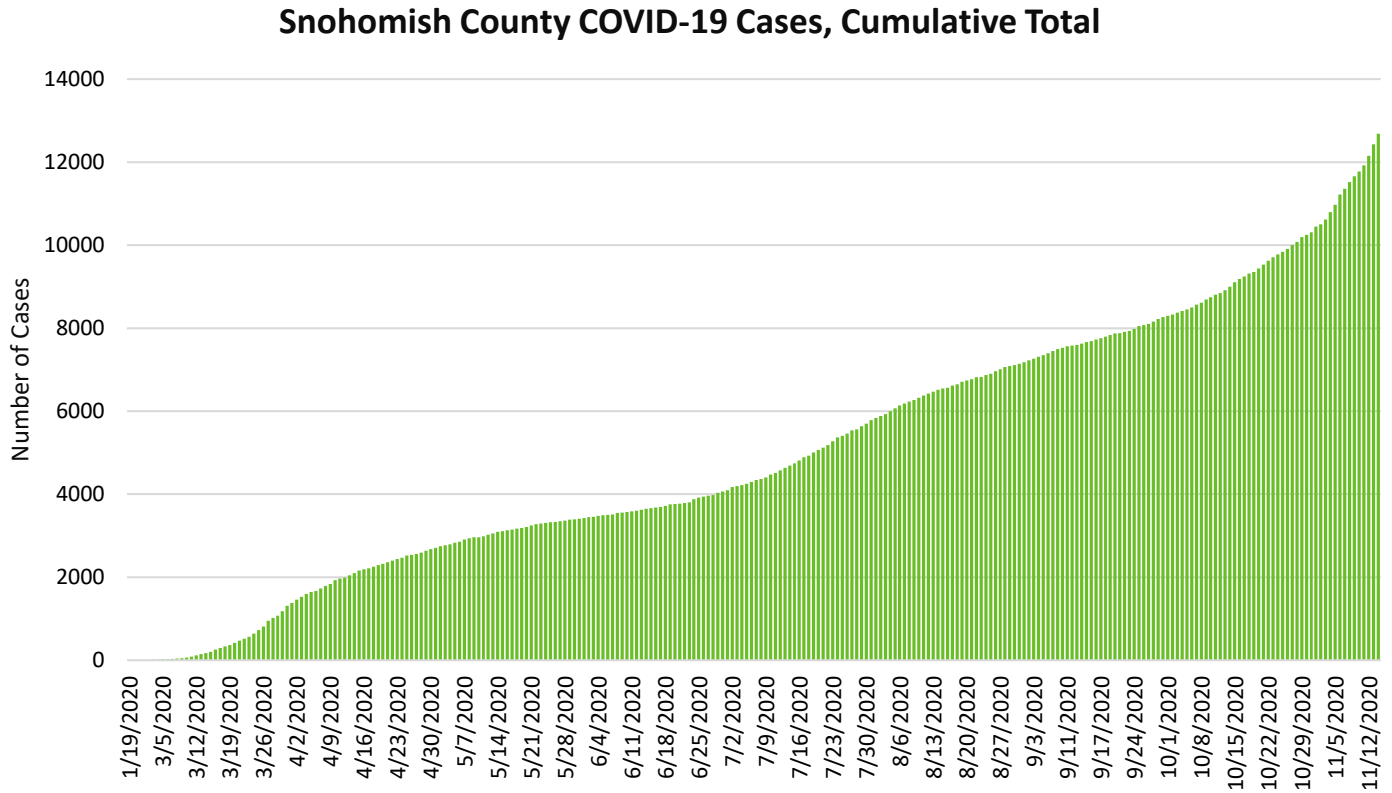


Table 1: Sex at birth of COVID-19 cases in Snohomish County

Sex at birth	Current 2-Week Period 11/1-11/14/2020	Prior 2-Week Period 10/25-11/07/2020	Cumulative 01/20/2020-present
Female	1209	807	6064
Male	1170	774	6623
Grand Total	2379	1581	12687

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

Age group in years	Current 2-Week Period 11/1-11/14/2020	Prior 2-Week Period 10/25-11/07/2020	Cumulative 01/20/2020-present
0-14	204	123	1010
15-19	213	109	857
20-29	538	359	2488
30-39	432	300	2249
40-49	354	254	1989
50-59	294	203	1774
60-69	167	122	1151
70-79	100	64	602
80+	77	47	542
Unknown	0	0	11
Grand Total	2379	1581	12673

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

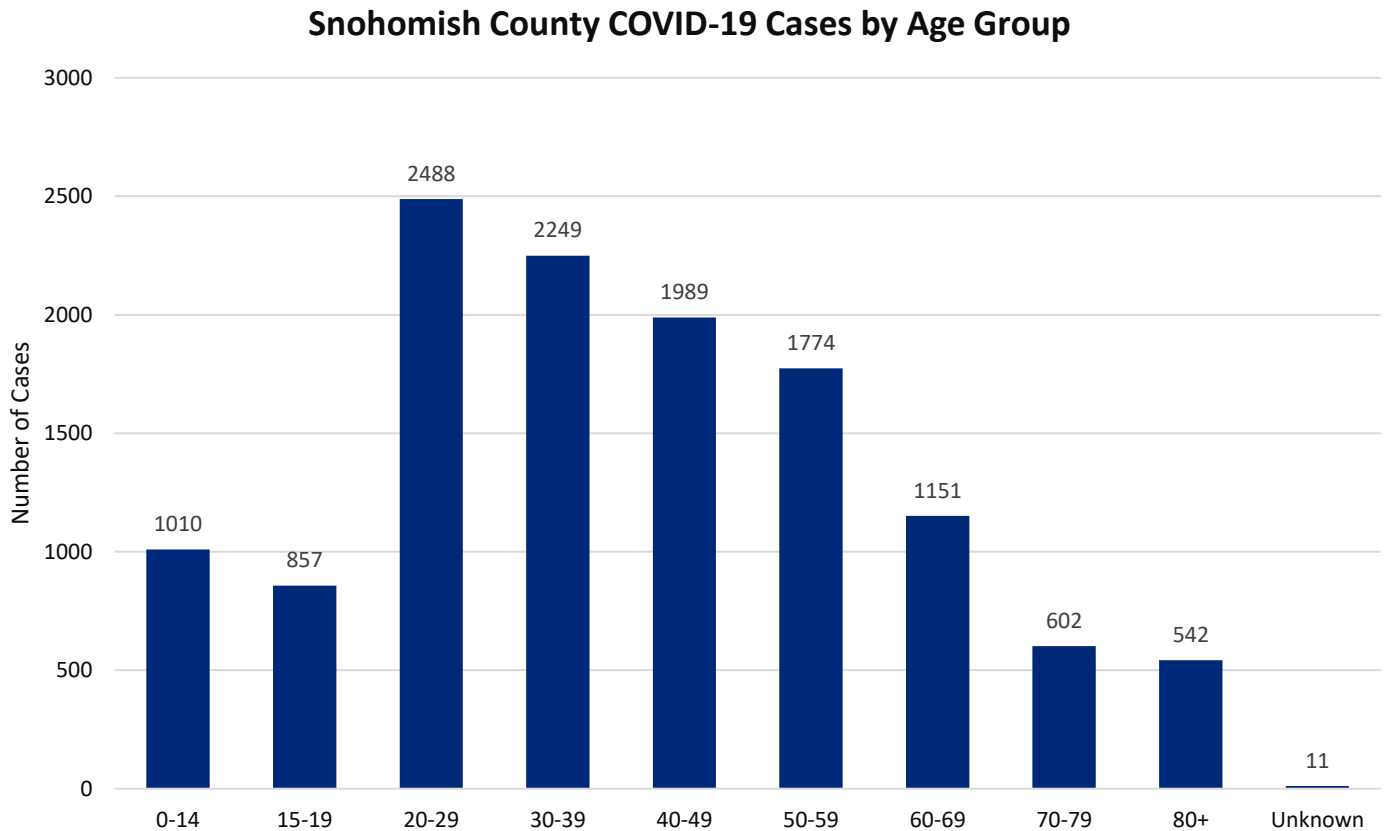


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group

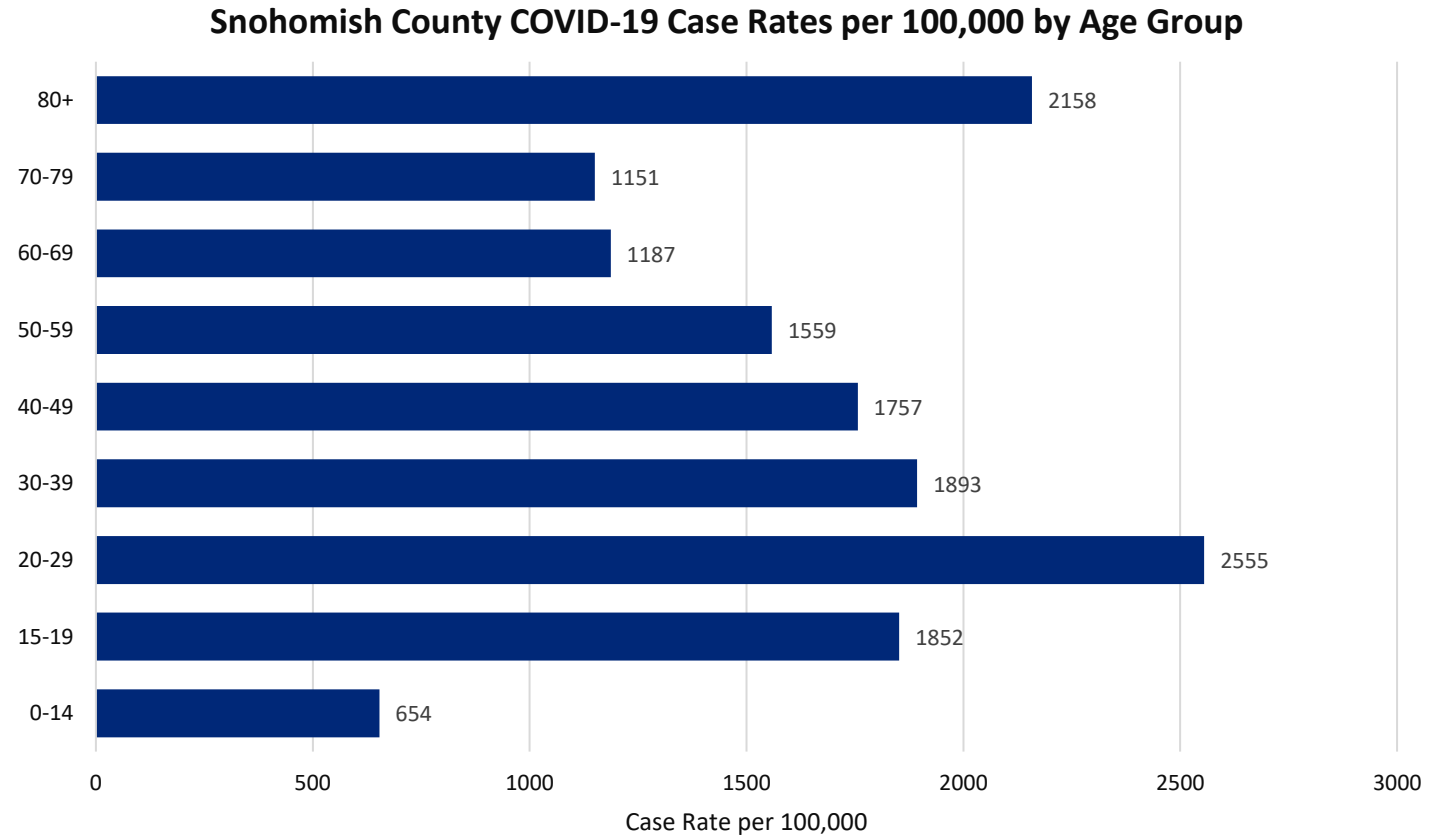
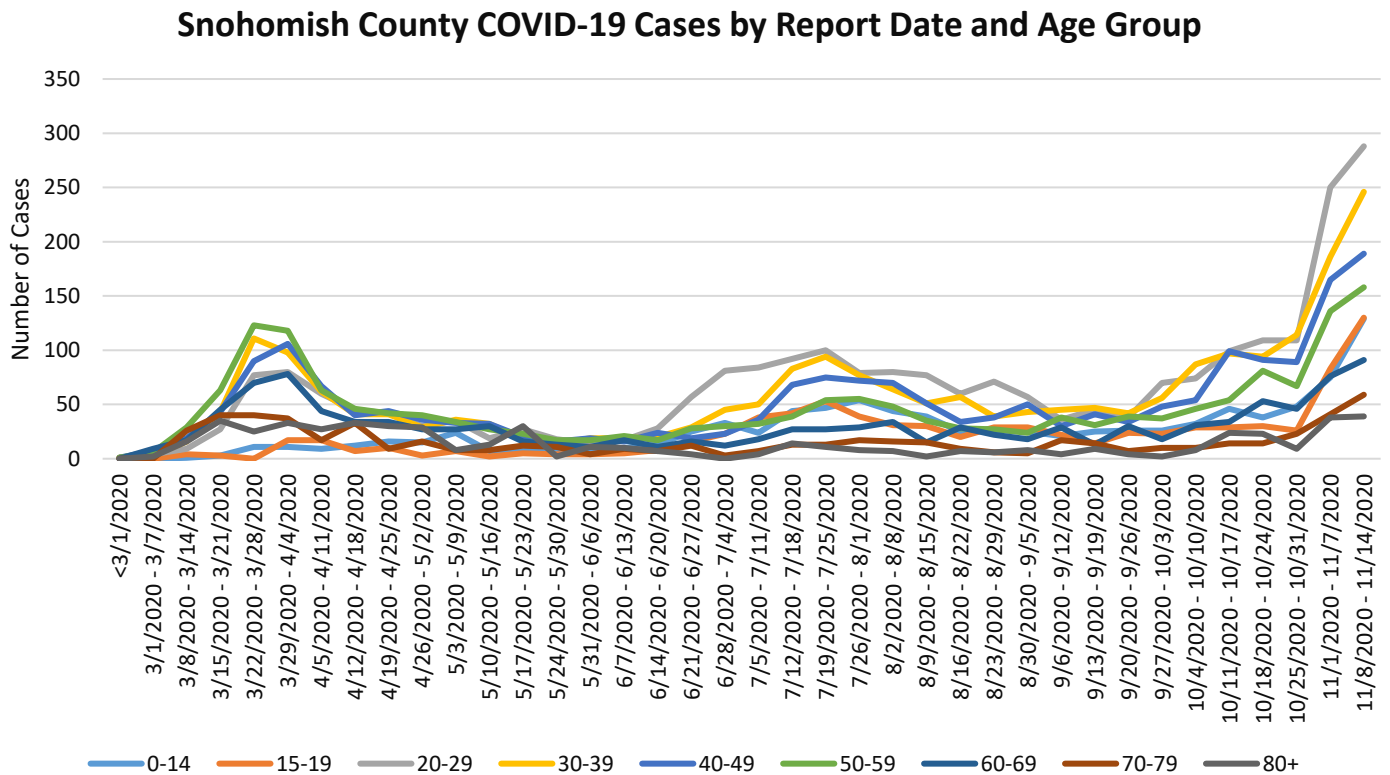


Figure 7: Number of COVID-19 cases by report date and age group



*Notes: 1. This graph will be updated every 2 weeks for completeness of data points. 2. As time intervals on the x-axis are shown in sequential two-week 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 11/1-11/14/2020	Prior 2-Week Period 10/25-11/07/2020	Cumulative 01/20/2020-present
Close contact	1052	707	5010
Community acquired	674	501	4214
Long-term Care Facility Associated	146	93	1026
Healthcare Worker	40	28	446
Travel	5	9	150
Corrections	9	<5	86
Nosocomial	15	<5	40
Unknown	438	237	1715
Grand Total	2379	1581	12687

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

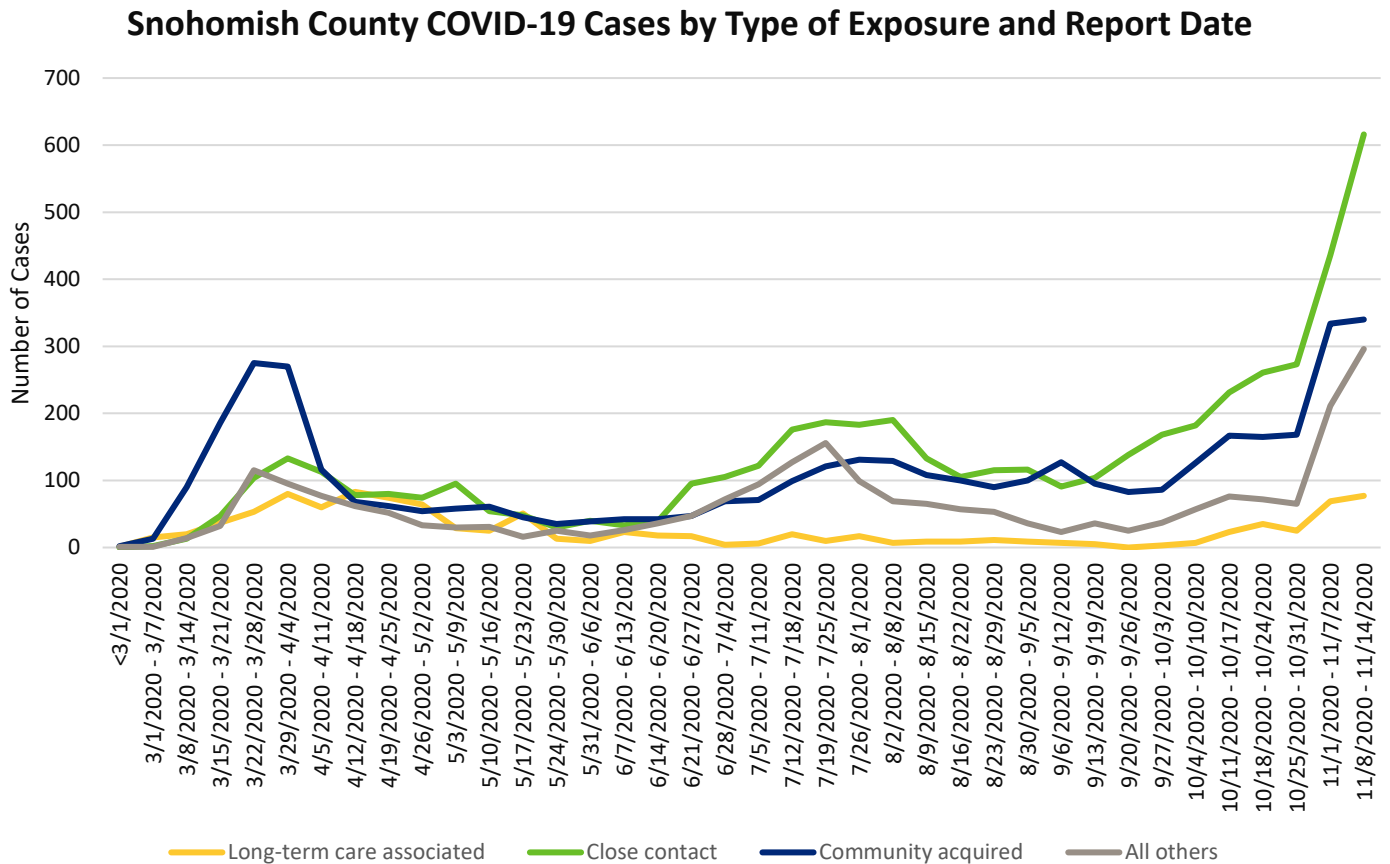


Table 4: Current case status of COVID-19 cases in Snohomish County

Current status	Current 2-Week Period 11/1-11/14/2020	Prior 2-Week Period 10/25-11/07/2020	All cases 01/20/2020-present
Home isolation	1795	1290	2033
Hospitalized	25	20	38
Survived ¹	79	12	9840
Deceased	8	5	258
Unknown	472	254	518
Grand Total	2379	1581	12687

¹No longer in isolation, not hospitalized at this time, not deceased

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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
Grand Total	845 (11.2%)	6,677 (88.8%)	7,522

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 11/1-11/14/2020	Prior 2-Week Period 10/25-11/07/2020	Cumulative 01/20/2020-present
No	1838	1277	9994
Yes	67	50	924
Unknown	474	254	1769
Grand Total	2379	1581	12687

Table 7: New Outbreaks Detected 11/8-11/14/2020

Facility name	Facility type	Number of cases
A	Adult family home	7
B	Construction	3
C	Healthcare provider	6
D	Hospital	14
E	LTCF	3
F	Manufacturing	5
G	Manufacturing	2
H	Personal care and services	3
I	LTCF	1
J	Restaurant	3
K	Restaurant	2
L	Restaurant	5
M	Retail	4
N	Retail	4
O	Retail	2
P	School	4
Q	Personal care and services	5
Total outbreaks	17	73

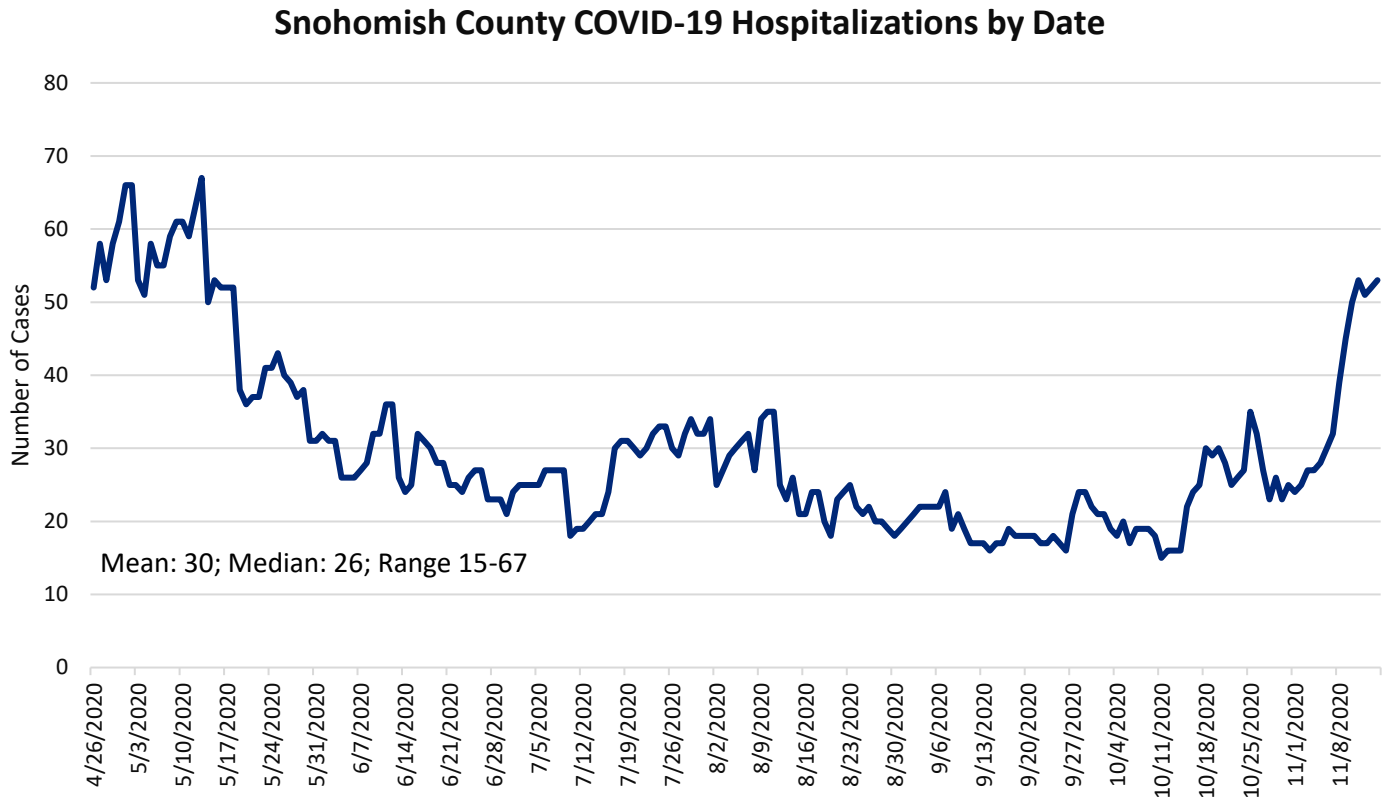
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Table 8: City of residence of COVID-19 cases in Snohomish County

City	Current 2-Week Period 11/1-11/14/2020	Prior 2-Week Period 10/25-11/07/2020	Cumulative 01/20/2020-present
Arlington	142	80	585
Bothell	151	111	911
Brier	10	<5	51
Darrington	<5	<5	14
Edmonds	128	69	838
Everett	612	434	3598
Gold Bar	7	6	39
Granite Falls	17	15	92
Lake Stevens	142	105	646
Lynnwood	369	223	1899
Marysville	239	148	1180
Mill Creek	46	37	231
Monroe	121	85	636
Mountlake Terrace	49	39	294
Mukilteo	34	29	218
North Lakewood	0	0	<5
Silvana	0	0	<5
Snohomish	165	102	824
Stanwood	101	59	364
Startup	0	0	1
Sultan	11	15	78
Tulalip	22	14	117
Woodinville	7	<5	42
Woodway	11	<5	22
Unknown	0	0	<5
Grand Total	2386	1581	12687

COVID-19 CONTROL PROCESS INDICATORS

Figure 9: COVID-19 acute care hospital census by date among Snohomish County residents



Data source: Snohomish Health District COVID-19 database

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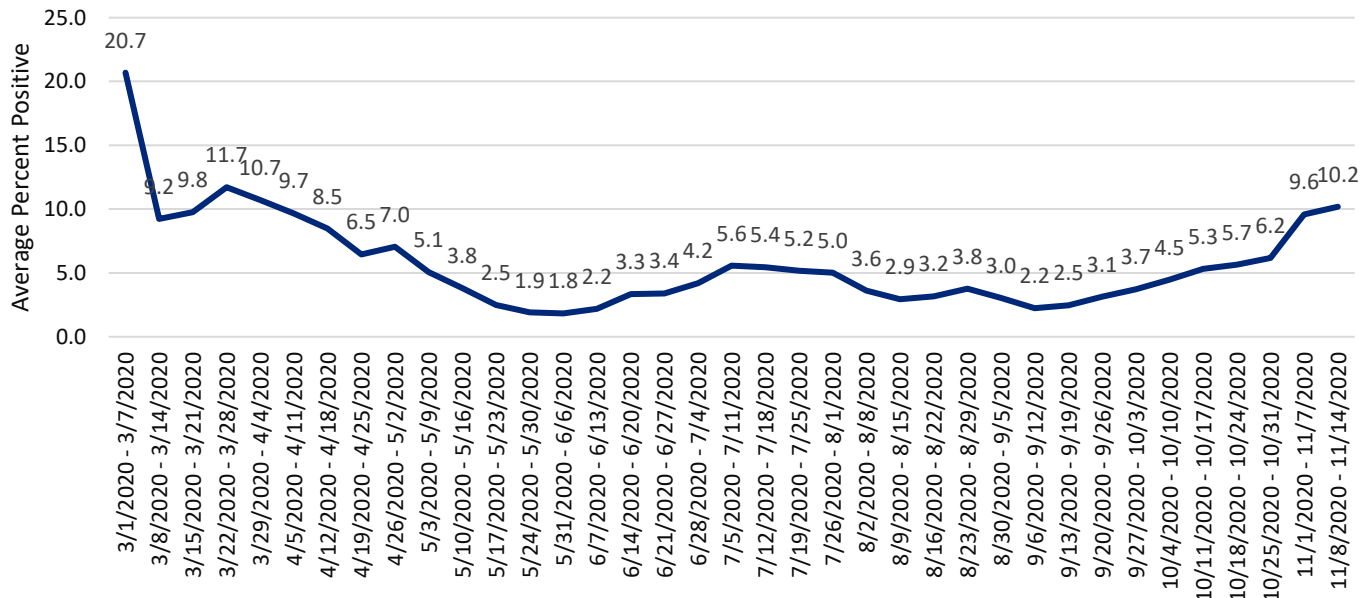
Table 9: Testing activity in Snohomish County

Week	Tests Reported	Negative	Positive	% Positive
9/20-9/26/2020	7241	7014	227	3.1%
9/27-10/03/2020	7071	6804	267	3.8%
10/4-10/10/2020	8517	8129	388	4.6%
10/11-10/17/2020	8274	7800	474	5.7%
10/18-10/24/2020	9677	9141	536	5.5%
10/25-10/31/2020	10058	9473	585	5.8%
11/1-11/7/2020	12150	11033	1117	9.2%
11/8-11/14/2020	13082	11793	1289	9.9%
Total 10/18-11/14/2020 (4-week total)	45,471	41,923	3,548	7.8%

Data source WA DOH COVID Dashboard (all data updated due to change in testing surveillance by WA DOH, please disregard data in previous reports)

Figure 10: Rolling 7-day average percent positivity of COVID-19 tests in Snohomish County by week

Snohomish County Percent Positivity Rate of COVID-19 Tests



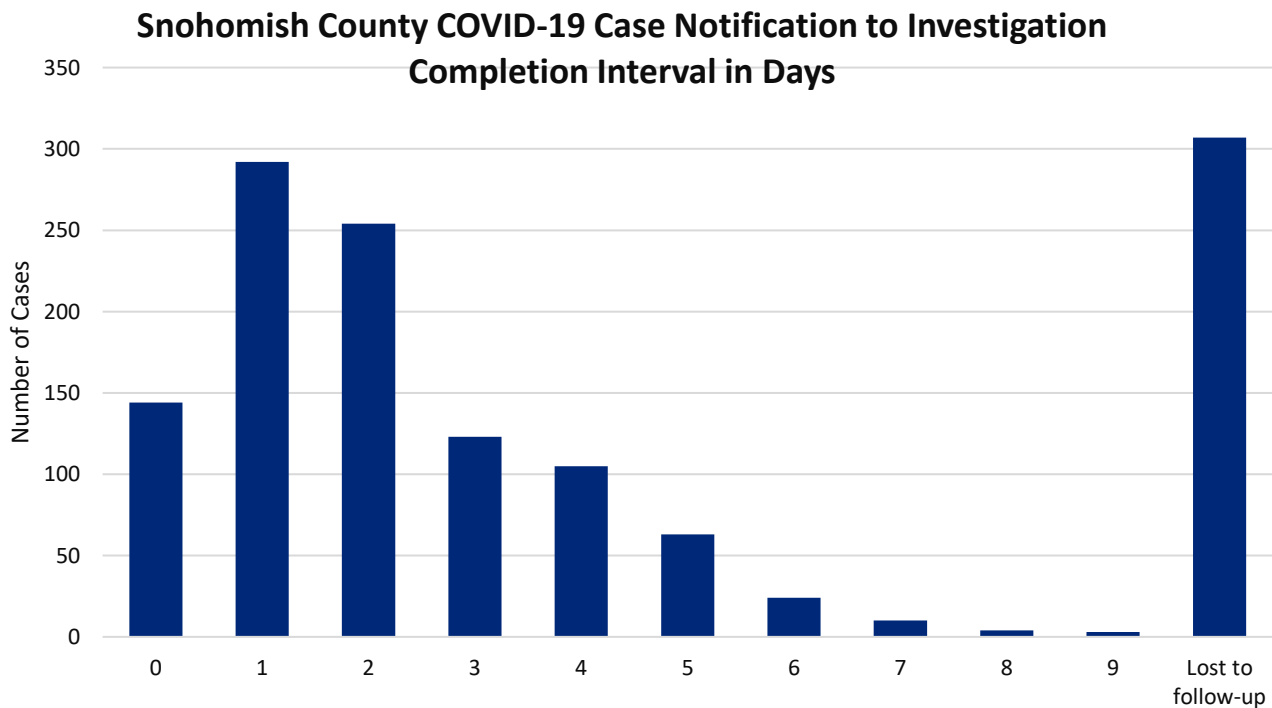
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Table 10: Percent of case investigations completed within 1 and 2 days of initial notification of case

Week	Cases Reported	Number contacted within 1 day	Percent contacted within 1 day	Number contacted within 2 days	Percent contacted within 2 days
9/20-9/26/2020	210	163	78%	182	87%
9/27-10/03/2020	261	208	80%	223	85%
10/4-10/10/2020	348	244	70%	259	74%
10/11-10/17/2020	499	351	70%	394	79%
10/18-10/24/2020	516	375	73%	417	80%
10/25-10/31/2020	534	354	66%	430	80%
11/1-11/7/2020	1049	434	41%	629	60%
11/8-11/14/2020	1329	436	33%	690	52%

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

Figure 11: Case notification to investigation completion interval in days (11/8-11/14/2020)



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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
9/20-9/26/2020	264	231	88%
9/27-10/3/2020	370	298	81%
10/4-10/10/2020	529	405	77%
10/11-10/17/2020	912	647	71%
10/18-10/24/2020	812	610	75%
10/25-10/31/2020	735	551	75%
11/1-11/7/2020	1053	757	72%
11/8-11/14/2020	1004	501	50%

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

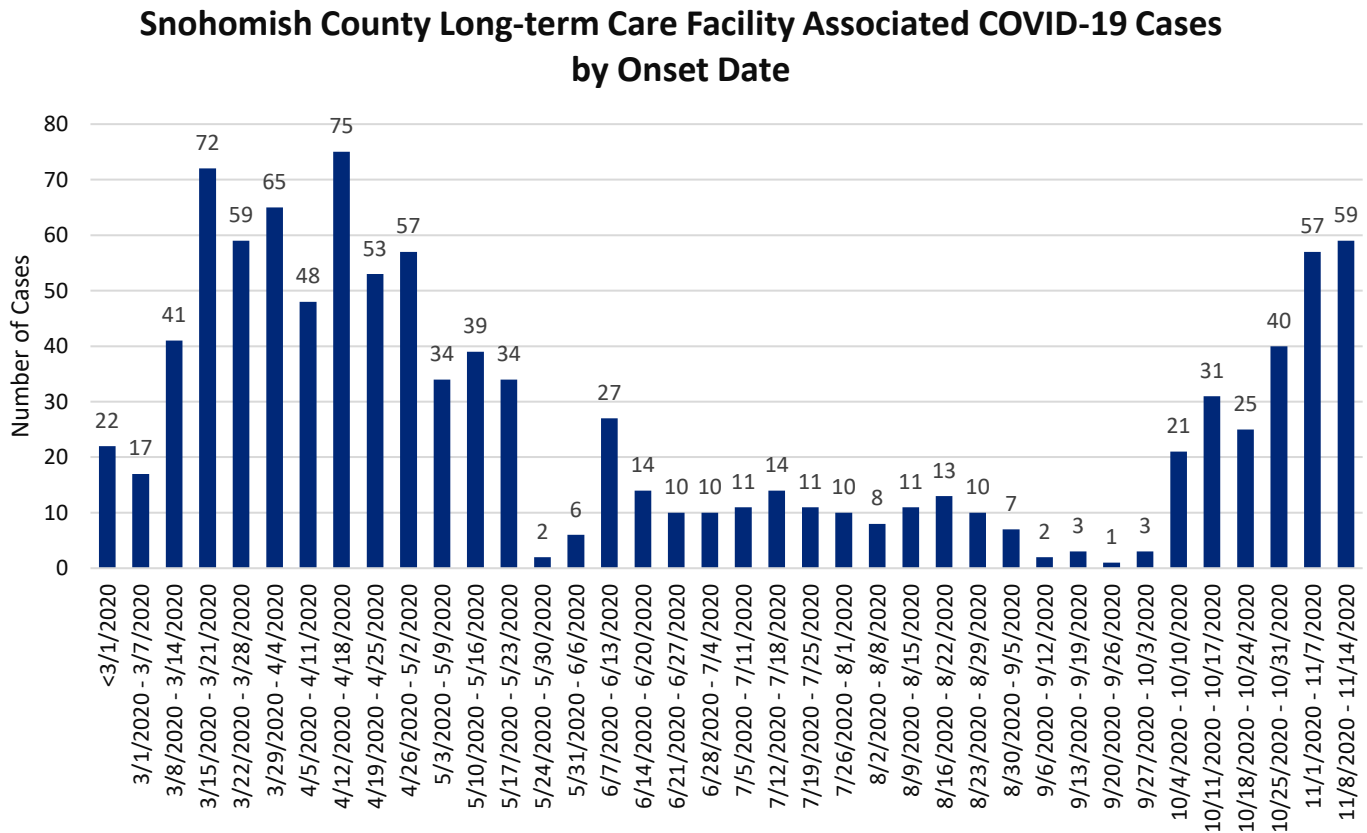


Table 12: Type of LTCF-associated COVID-19 case

Type	Number	Percent
Resident	524	51.1%
Staff	495	48.2%
Visitor	5	0.5%
Other	<5	0.2%
Grand Total	1026	100.0%

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

Current status	Number	Percent
Survived ¹	748	72.9%
Isolation	118	11.5%
Hospitalized	7	0.7%
Deceased	125	12.2%
Unknown	28	2.7%
Grand Total	1026	100.0%

¹No longer in isolation, not hospitalized at this time, not deceased

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

Ever hospitalized	Residents	Staff
No	325 (62.0%)	424 (85.7%)
Yes	178 (34.0%)	28 (5.7%)
Unknown	21 (4.0%)	43 (8.7%)
Grand Total	524	495

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Table 15: LTCF and adult family home associated COVID-19 outbreaks (note only outbreaks with >5 cases are listed)

Facility	Number	Percent of total LTCF-associated cases	Outbreak resolved
Josephine Caring Community #2	100	13.5%	No
Regency Care Monroe	81	10.9%	No
Sunrise View Everett	80	10.8%	Yes
Rosewood Courte Memory Care	46	6.2%	Yes
Lynnwood Post-Acute Rehab	45	6.1%	Yes
Heritage Court Assisted Living	43	5.8%	Yes
Terrace at Beverly Lake Memory Care	38	5.1%	Yes
Bethany at Silver Lake	35	4.7%	No
Chateau Pacific Assisted Living	33	4.4%	Yes
Josephine CC	33	4.4%	Yes
Mountain View Skilled Nursing Marysville	31	4.2%	Yes
Prestige Post Acute Rehab Edmonds	27	3.6%	Yes
Cedar Creek Memory Care	22	3.0%	Yes
Pacifica Senior Living Lynnwood	16	2.2%	Yes
Gencare Scriber Gardens	13	1.8%	Yes
Bethany at Pacific	12	1.6%	Yes
BW Heavenly Adult Family Home	9	1.2%	Yes
Terrace at Beverly Lake Memory Care #2	8	1.1%	NO
Quilceda Creek Adult Family Home #1	8	1.1%	Yes
Cascade Valley Senior Living	8	1.1%	No
Premier Adult Family Home Everett	7	0.9%	Yes
Bothell Health Care	7	0.9%	Yes
Homecomings II AFH Bothell	6	0.8%	Yes
Harbour Pointe Senior Living	6	0.8%	Yes
Bethany at Pacific #2	6	0.8%	Yes
Acacia Senior Home II	6	0.8%	No
Sunrise of Edmonds	6	0.8%	Yes
Mountlake Terrace Plaza	5	0.7%	Yes
Anest Adult Family Home	5	0.7%	Yes
Total	742	100%	

COVID-19 DEATHS

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

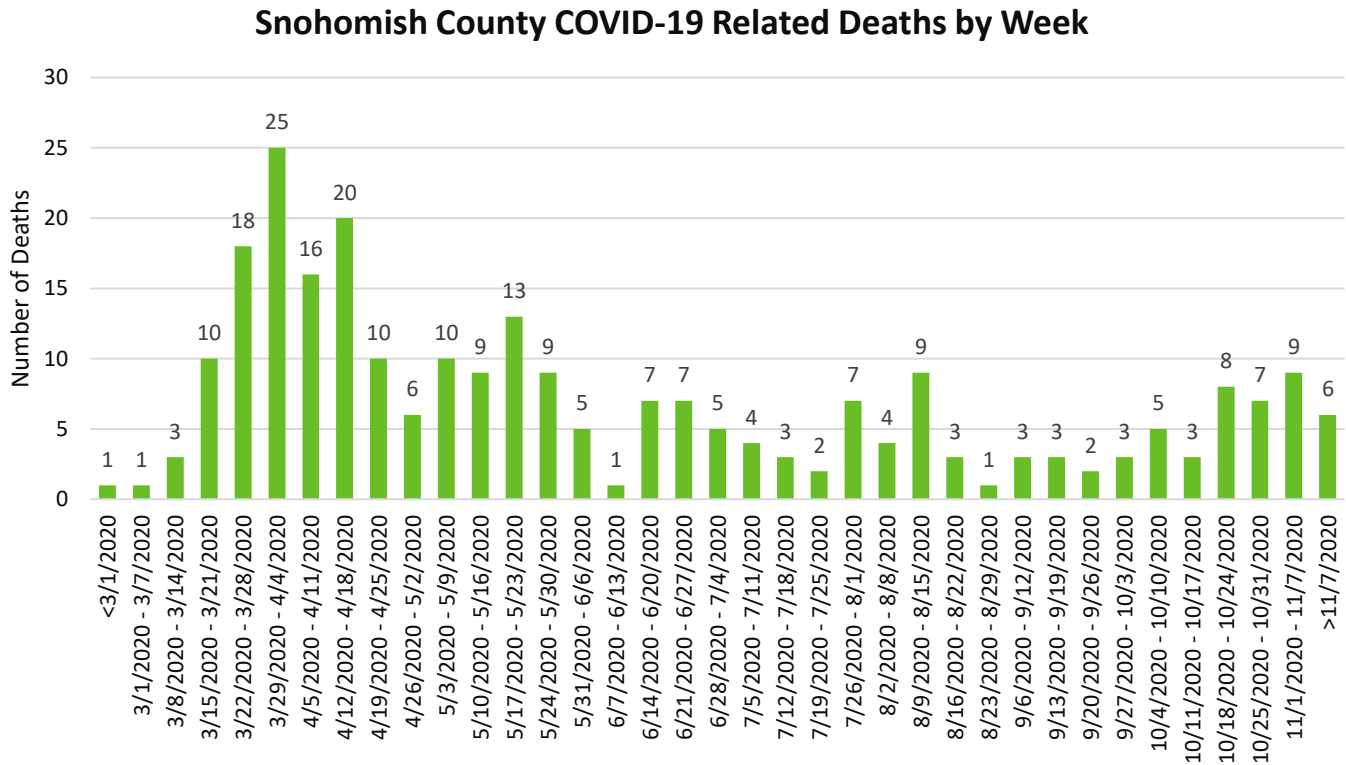


Table 16: Gender of COVID-19 related deaths in Snohomish County

Gender	Number	Percent
Female	137	53.1%
Male	121	46.9%
Grand Total	258	100.0%

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

Age group in years	Number	Percent	Death rate per 100,000 population	Case Fatality Rate (%)
20-29	2	0.8%	Not calculated <5	0.1%
30-39	2	0.8%	Not calculated <5	0.1%
40-49	12	4.7%	10.6	0.6%
50-59	18	7.0%	15.8	1.0%
60-69	30	11.6%	30.9	2.6%
70-79	70	27.1%	133.8	11.6%
80+	124	48.1%	493.7	22.9%
Grand Total	258	100.0%	31.1	2.0%

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

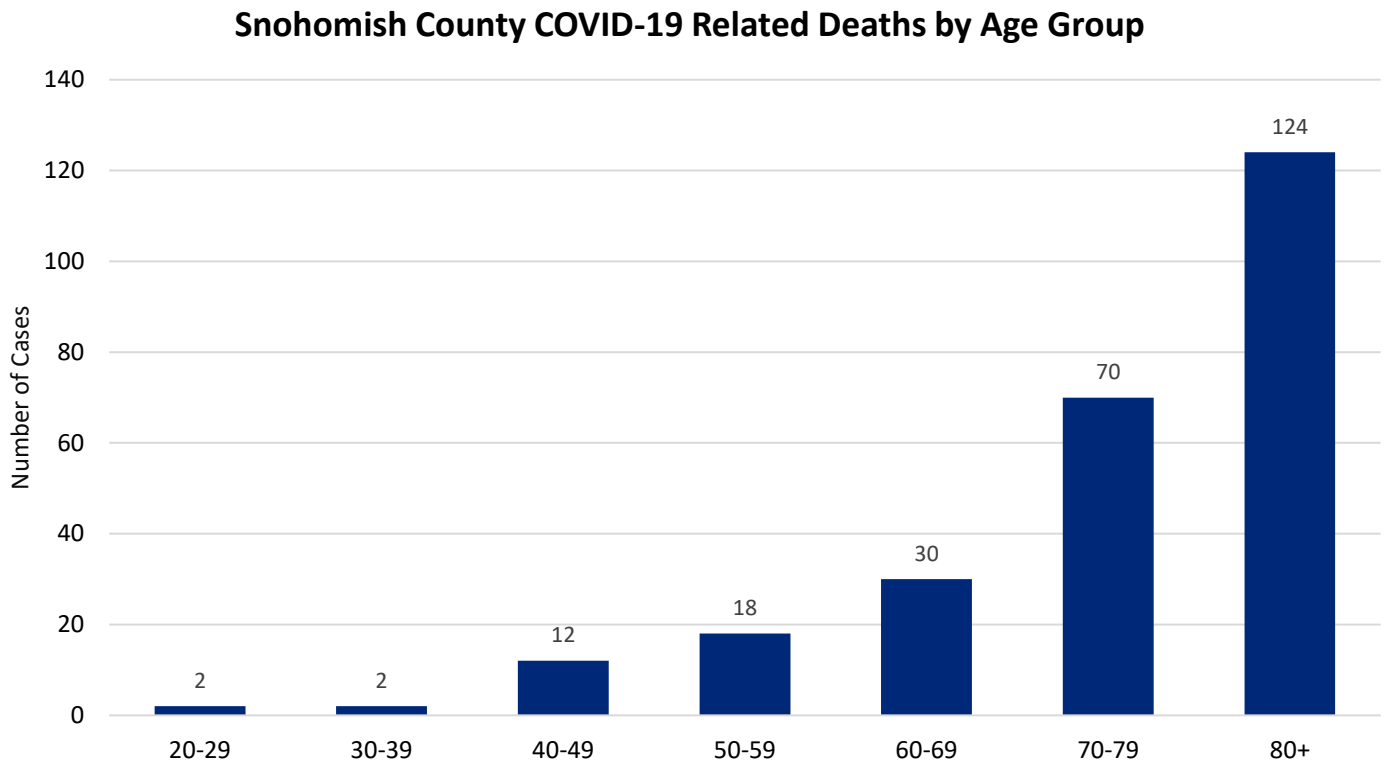


Table 18: Underlying health conditions of COVID-19 related deaths in Snohomish County

Underlying health condition	Number	Percent
Yes	243	94.2%
No	10	3.9%
Unknown	5	1.9%
Grand Total	258	100.0%

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

Ever hospitalized	Number	Percent
Yes	191	74.0%
No	65	25.2%
Unknown	2	0.8%
Grand Total	258	100.0%

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

Type of exposure	Number	Percent
Long term care associated	125	48.4%
Community acquired	86	33.3%
Close contact	20	7.8%
Nosocomial	12	4.7%
Travel	3	1.2%
Unknown	12	4.7%
Grand Total	258	100.0%

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

City	Number	Percent
Arlington	5	1.9%
Bothell	16	6.2%
Darrington	1	0.4%
Edmonds	34	13.2%
Everett	94	36.4%
Lake Stevens	5	1.9%
Lynnwood	33	12.8%
Marysville	23	8.9%
Mill Creek	6	2.3%
Monroe	11	4.3%
Mountlake Terrace	5	1.9%
Mukilteo	2	0.8%
Snohomish	5	1.9%
Stanwood	12	4.7%
Sultan	1	0.4%
Tulalip	3	1.2%
Woodinville	2	0.8%
Grand Total	258	100.0%