

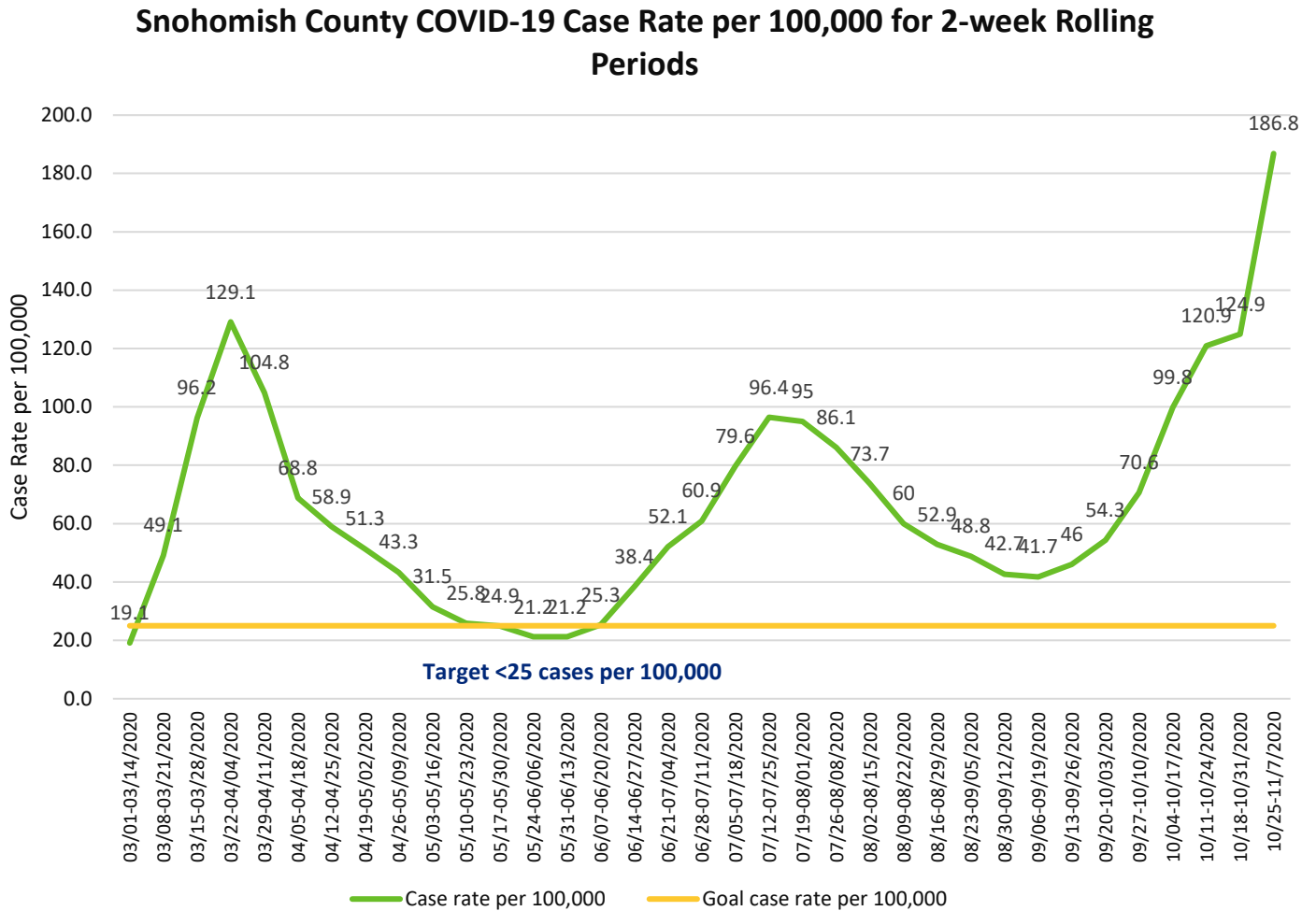
**SNOHOMISH HEALTH DISTRICT
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SUMMARY OF KEY COVID-19 SAFE START METRICS

Metric	Definition	Current Nov 1–Nov 7	Prior Oct 25–Oct 31	Target
Activity	Cases per 100,000 population during the 14 days ending on the last day of the week (Fig. 1, p. 2)	186.8	124.9	<25
	Average daily census of Snohomish County residents hospitalized with COVID-19 for the week (Fig. 9, p. 11)	27.4	27.3	--
	New hospitalizations per 100,000 population for the week	3.3	3.3	--
Healthcare System Readiness	Percentage of licensed acute care hospital beds occupied	78%	80%	<80%
	Percentage of licensed acute care hospital beds occupied by COVID-19 cases	4.0%	3.9%	<10%
Testing	Average daily tests per 100,000 population for the week	209	173	--
	Testing positivity rate for the week (Table 10, p.12)	9.2%	6.2%	<2%
	Median time from symptom onset to specimen collection among cases for the week	1 day	2 days	<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	41%	66%	90%
	Percent of contacts reached by phone or in person within 48 hours of receipt of positive lab test report on a case	72%	75%	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)	19	19	≤2
Notes:				

COVID-19 EPIDEMIOLOGIC OVERVIEW

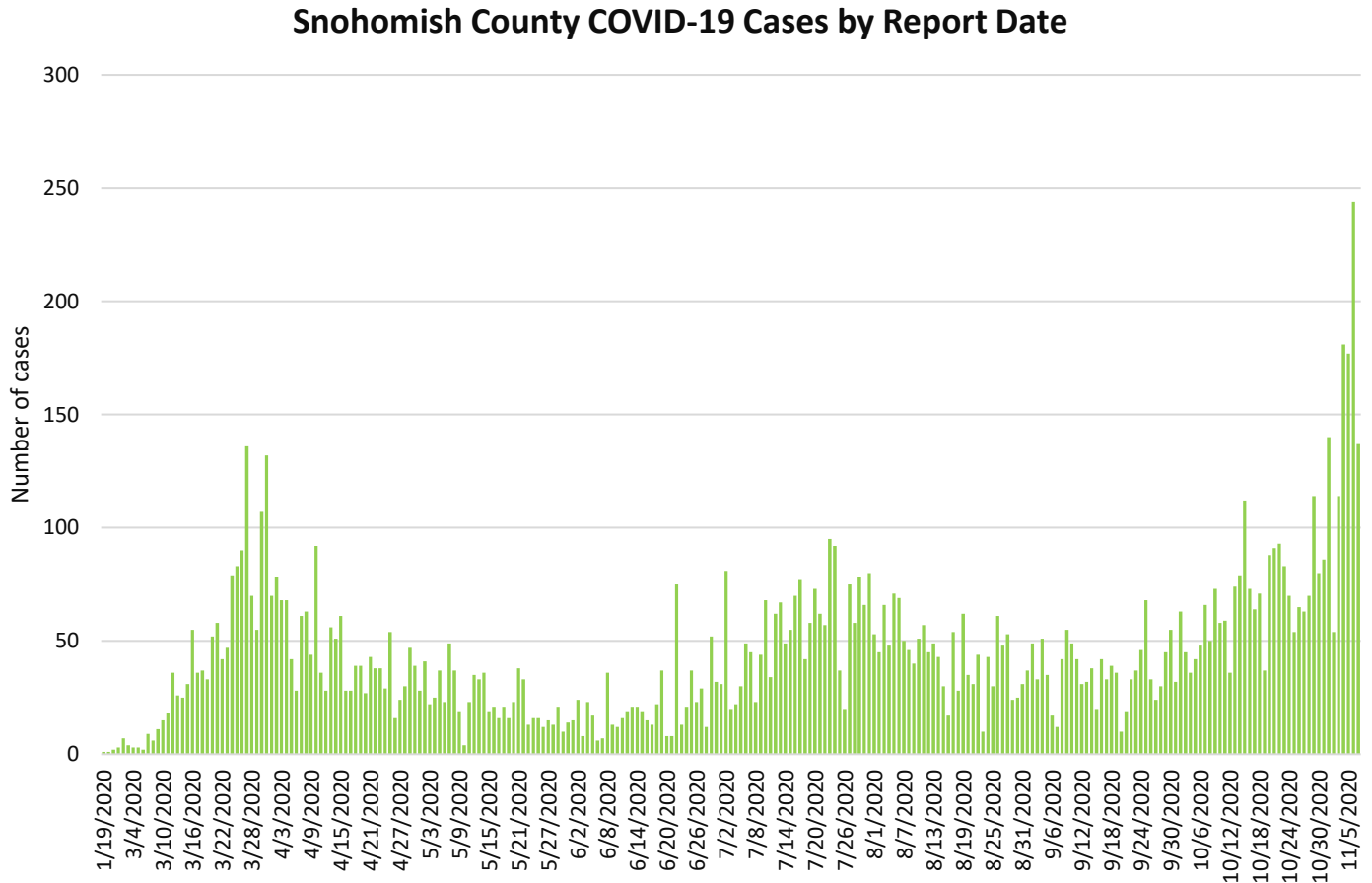
Figure 1: Snohomish County COVID-19 case rates per 100,000, March 1st through November 7th, 2020



Data source: Snohomish Health District COVID-19 database.

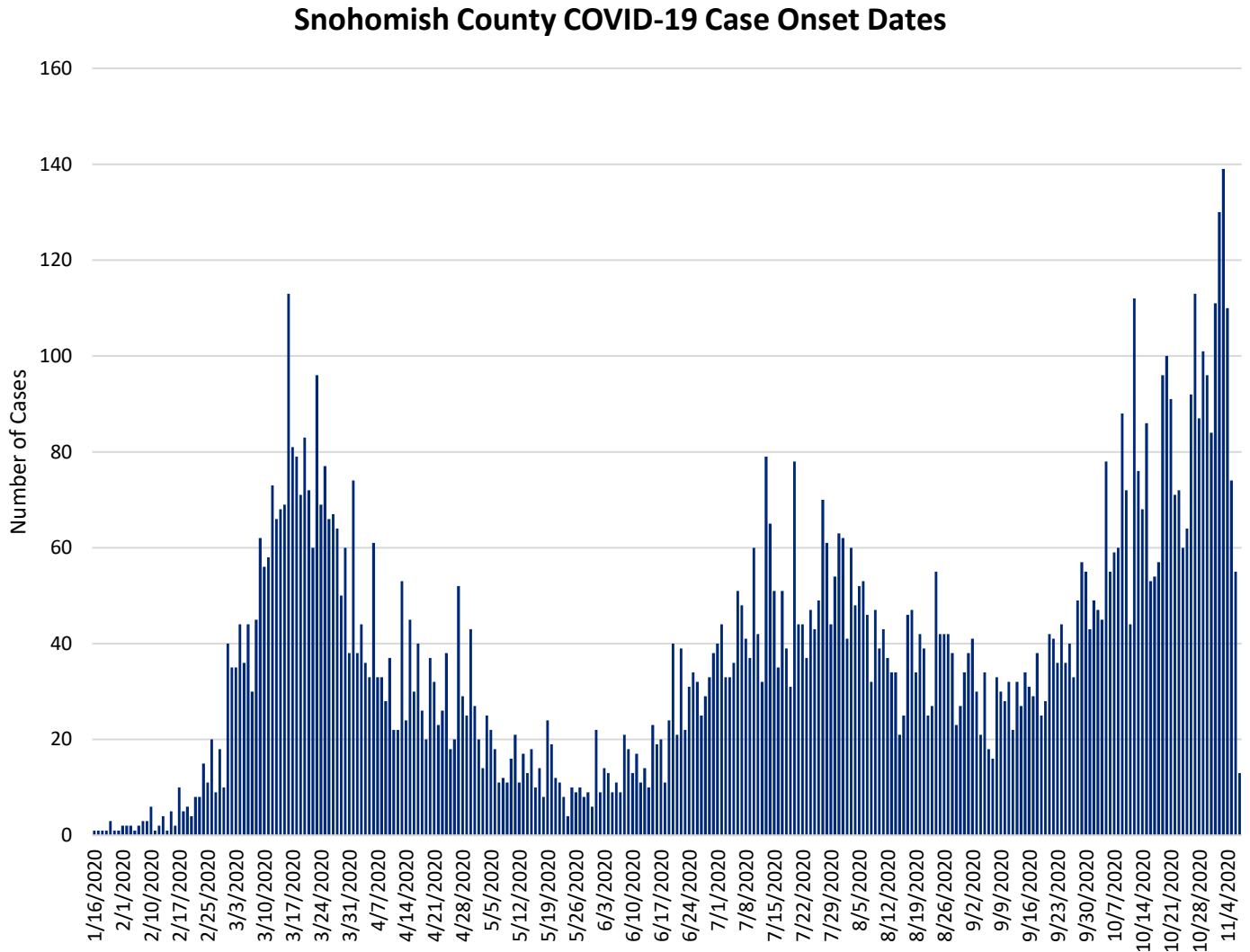
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Figure 2: Number of Snohomish County COVID-19 cases by date of report



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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

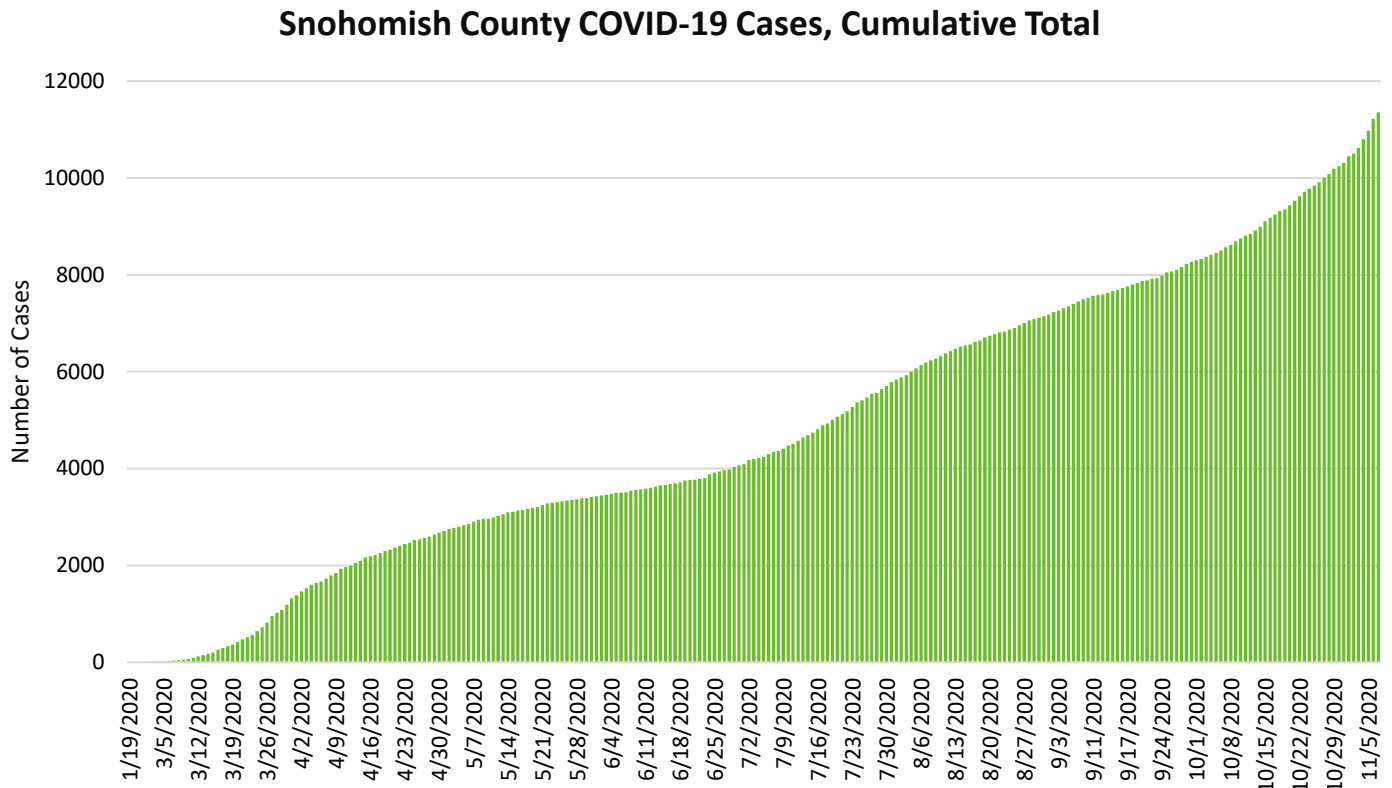


Table 1: Sex at birth of COVID-19 cases in Snohomish County

Sex at birth	Current 2-Week Period 10/25-11/07/2020	Prior 2-Week Period 10/18-10/31/2020	Cumulative 01/20/2020-present
Female	807	558	5947
Male	774	510	5410
Grand Total	1581	1068	11357

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

Age group in years	Current 2-Week Period 10/25-11/07/2020	Prior 2-Week Period 10/18-10/31/2020	Cumulative 01/20/2020-present
0-14	123	86	884
15-19	109	57	728
20-29	359	218	2201
30-39	300	209	2007
40-49	254	180	1800
50-59	203	150	1619
60-69	122	99	1062
70-79	64	37	544
80+	47	32	501
Unknown	0	0	11
Grand Total	1581	1068	11357

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

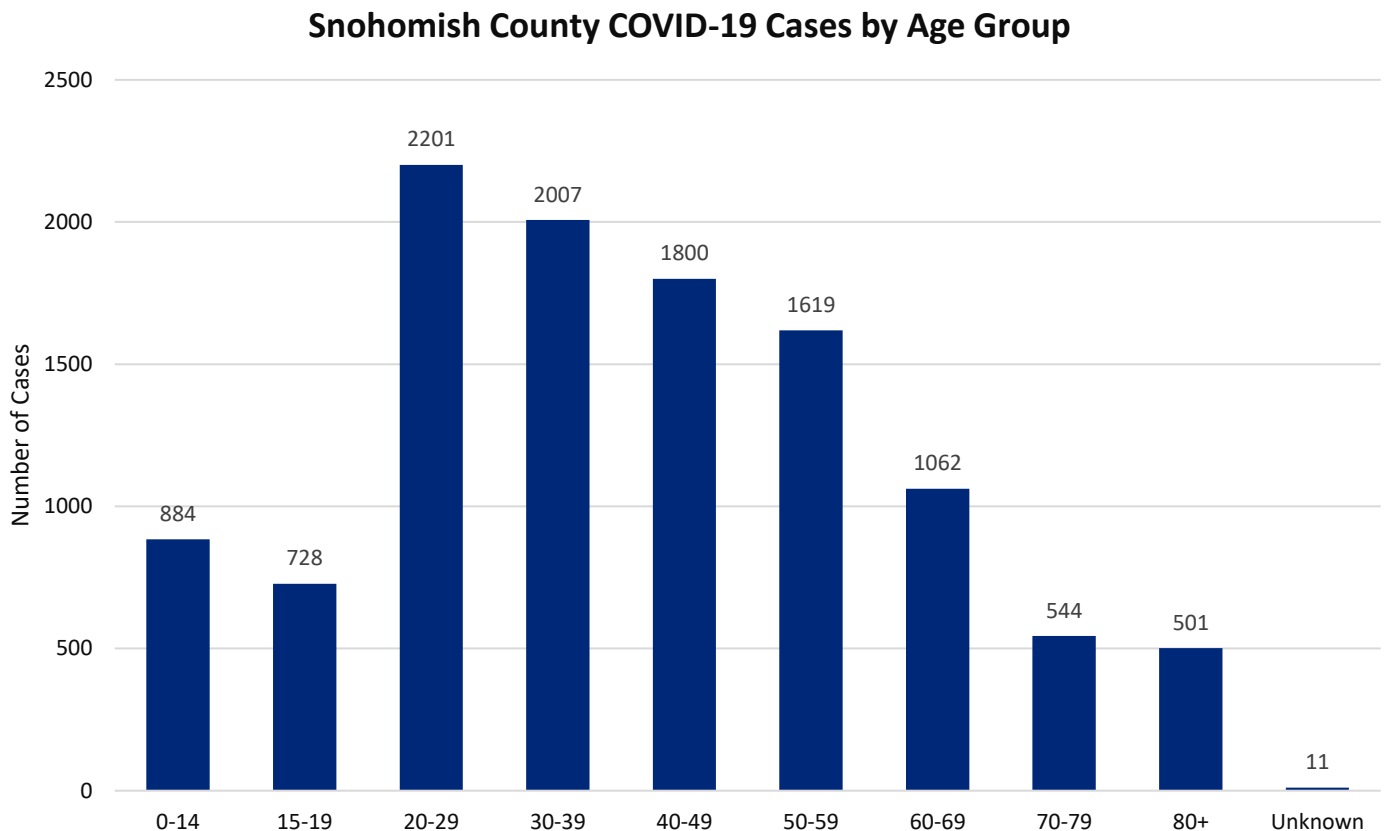


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group

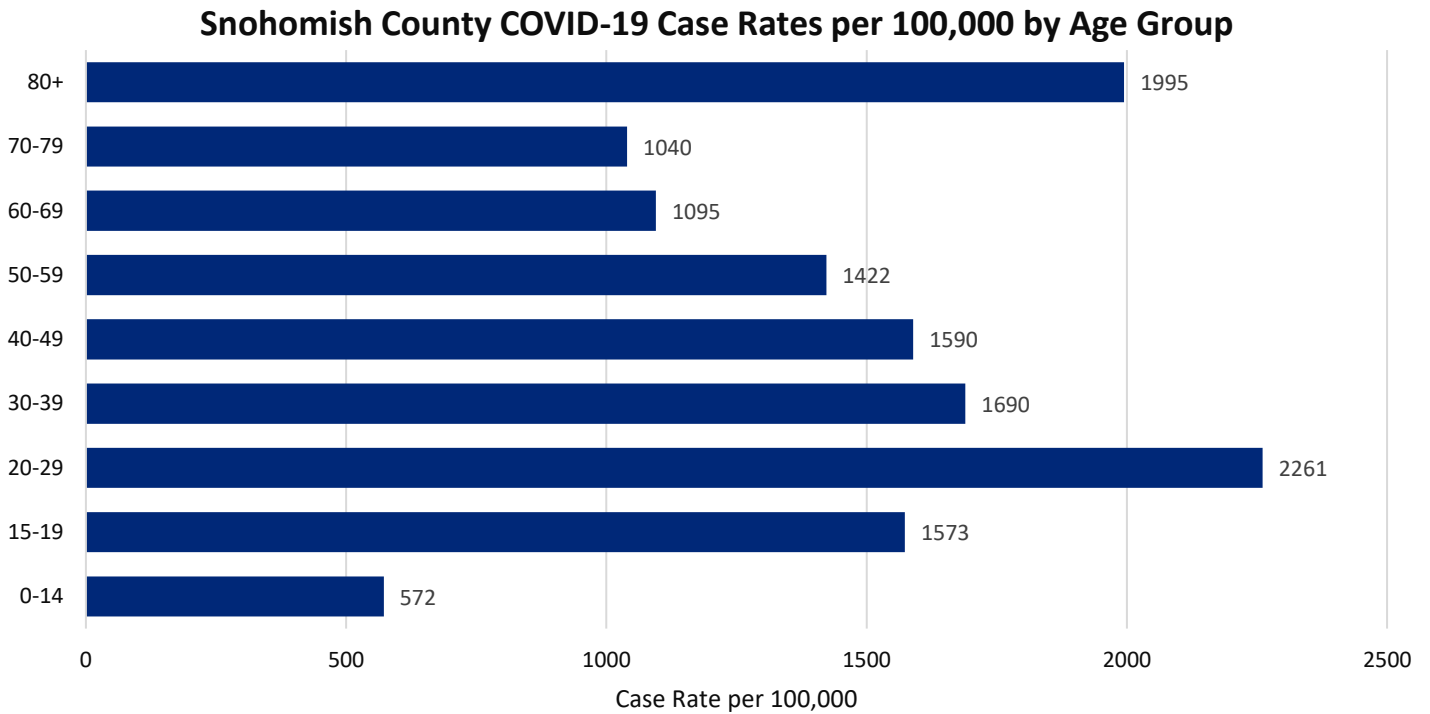
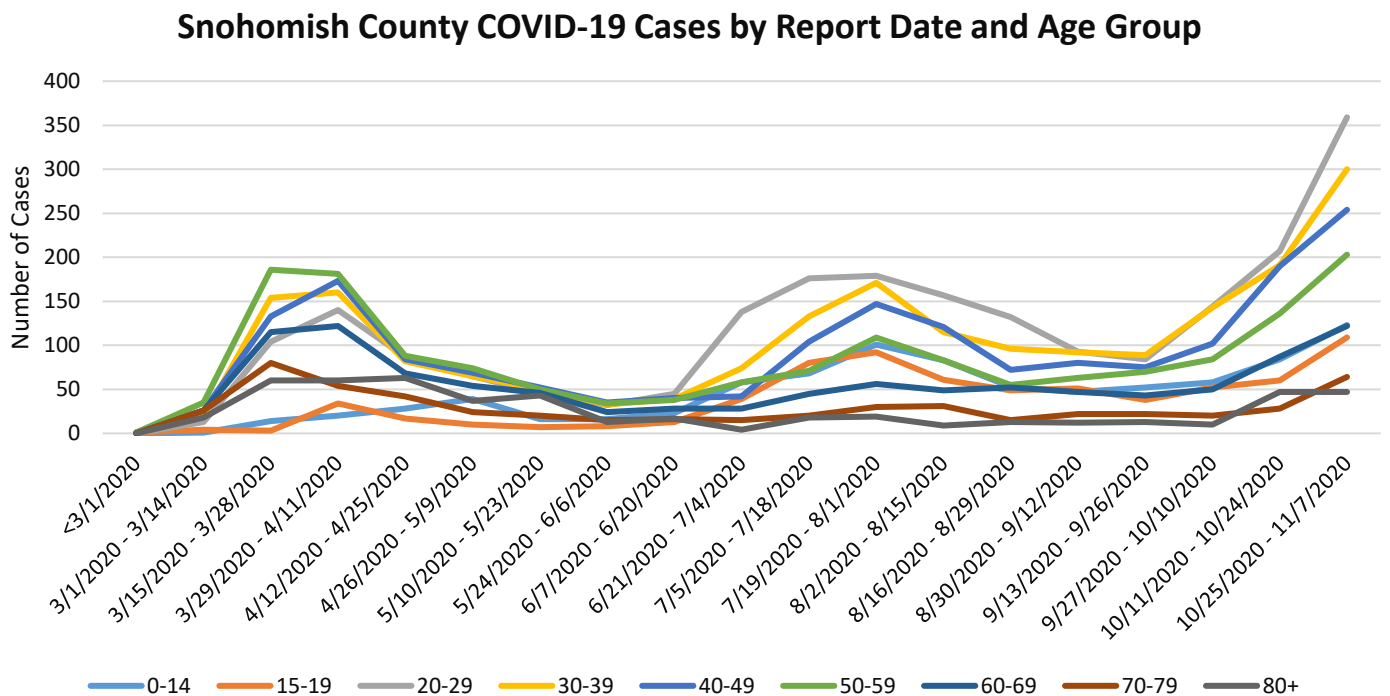


Figure 7: Number of COVID-19 cases by report date and age group



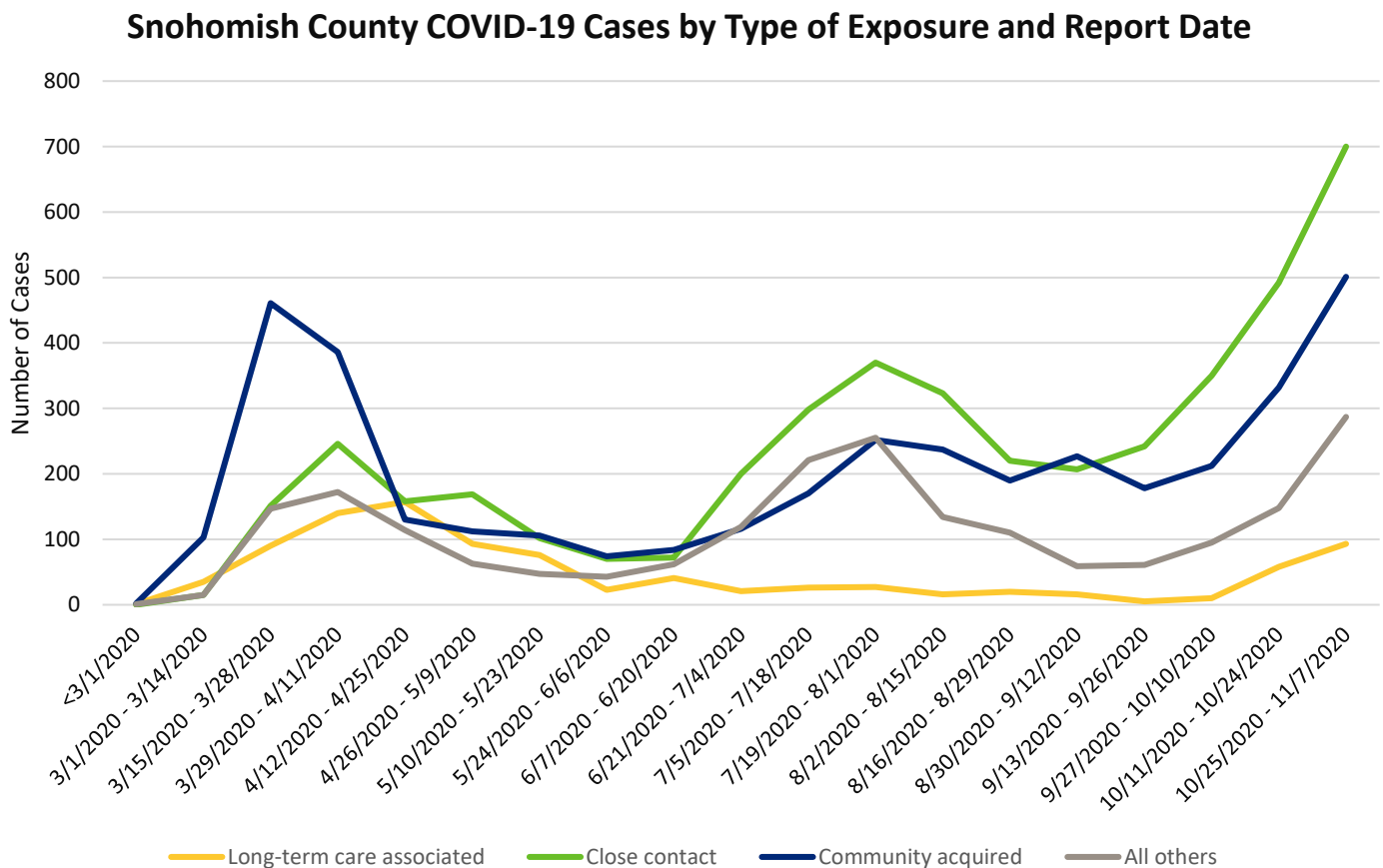
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*Notes: 1. This graph will be updated every 2 weeks for completeness of data points. 2. As time intervals on the x-axis are shown in sequential two-week periods, findings here may lag behind changes noted in Table 2 above.

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

Type of exposure	Current 2-Week Period 10/25-11/07/2020	Prior 2-Week Period 10/18-10/31/2020	Cumulative 01/20/2020-present
Close contact	707	533	4385
Community acquired	501	333	3872
Long-term Care Facility Associated	93	60	947
Healthcare Worker	28	12	426
Travel	9	<5	141
Corrections	<5	<5	79
Nosocomial	<5	<5	37
Unknown	237	122	1470
Grand Total	1581	1068	11357

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



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

Current status	Current 2-Week Period 10/25-11/07/2020	Prior 2-Week Period 10/18-10/31/2020	All cases 01/20/2020-present
Home isolation	1290	927	1924
Hospitalized	20	14	31
Survived ¹	12	6	8801
Deceased	5	3	252
Unknown	254	118	349
Grand Total	1581	1068	11357

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

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 10/25-11/07/2020	Prior 2-Week Period 10/18-10/31/2020	Cumulative 01/20/2020-present
No	1277	908	8981
Yes	50	41	878
Unknown	254	119	1498
Grand Total	1581	1068	11357

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Table 7: New Outbreaks Detected 11/1-11/7/2020

Facility name	Facility type	Number of cases
A	Childcare	7
B	Childcare	<5
C	Construction	6
D	Government	14
E	Grocery	<5
F	Grocery	5
G	Hotel	<5
H	Leisure/recreation	<5
I	LTCF	<5
J	LTCF	<5
K	Manufacturing	<5
L	Manufacturing	5
M	Restaurant	<5
N	Restaurant	<5
O	Retail	<5
P	Retail	<5
Q	Retail	5
R	School	<5
S	Transportation	8
Total outbreaks	19	83

Data source: Snohomish Health District COVID-19 database.

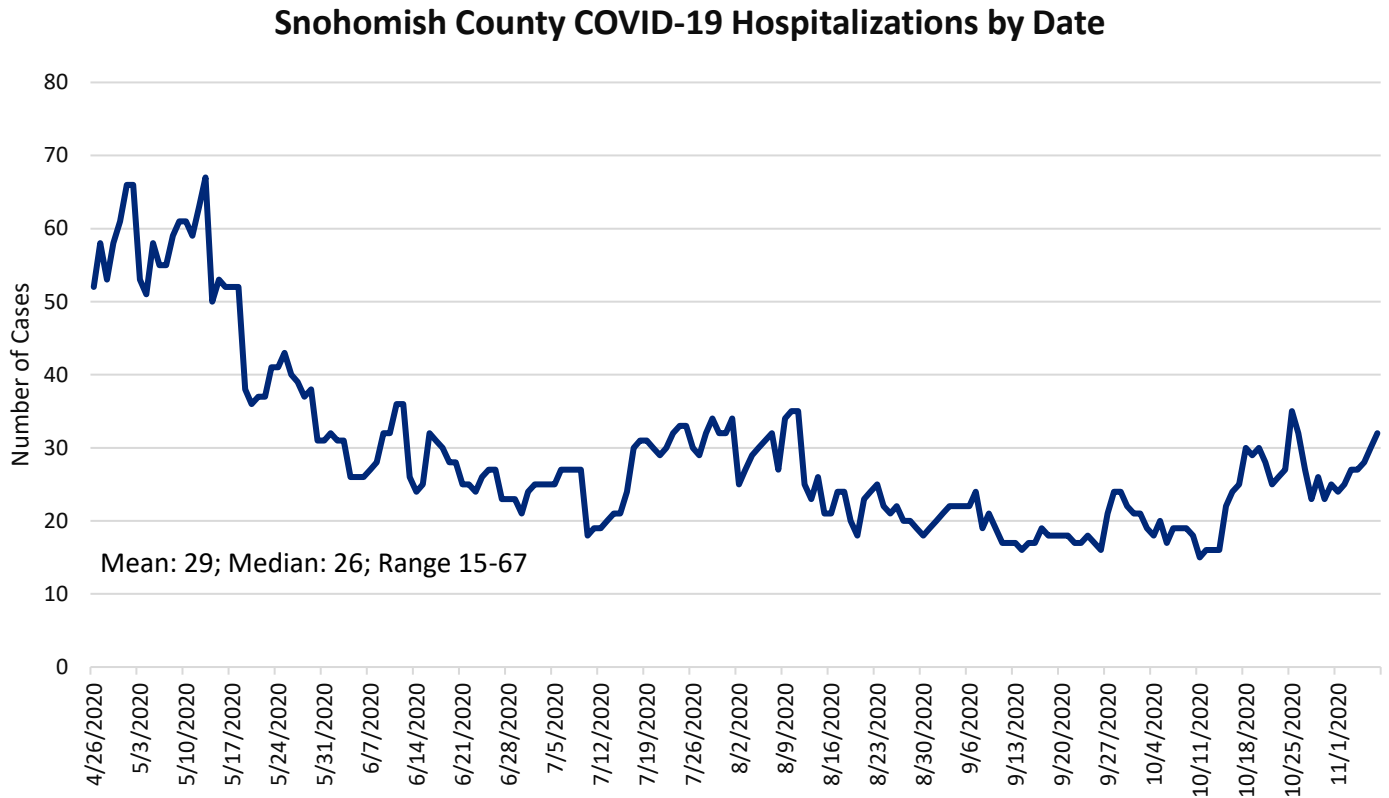
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Table 8: City of residence of COVID-19 cases in Snohomish County

City	Current 2-Week Period 10/25-11/07/2020	Prior 2-Week Period 10/18-10/31/2020	Cumulative 01/20/2020-present
Arlington	80	54	500
Bothell	111	76	828
Brier	<5	<5	44
Darrington	<5	<5	13
Edmonds	69	37	761
Everett	434	326	3273
Gold Bar	6	<5	37
Granite Falls	15	10	81
Lake Stevens	105	65	572
Lynnwood	223	134	1675
Marysville	148	108	1032
Mill Creek	37	22	210
Monroe	85	70	575
Mountlake Terrace	39	18	271
Mukilteo	29	16	204
North Lakewood	0	0	4
Silvana	0	0	1
Snohomish	102	59	733
Stanwood	59	40	300
Startup	0	0	1
Sultan	15	8	77
Tulalip	14	16	102
Woodinville	<5	<5	37
Woodway	<5	0	20
Unknown	0	0	6
Grand Total	1581	1068	11357

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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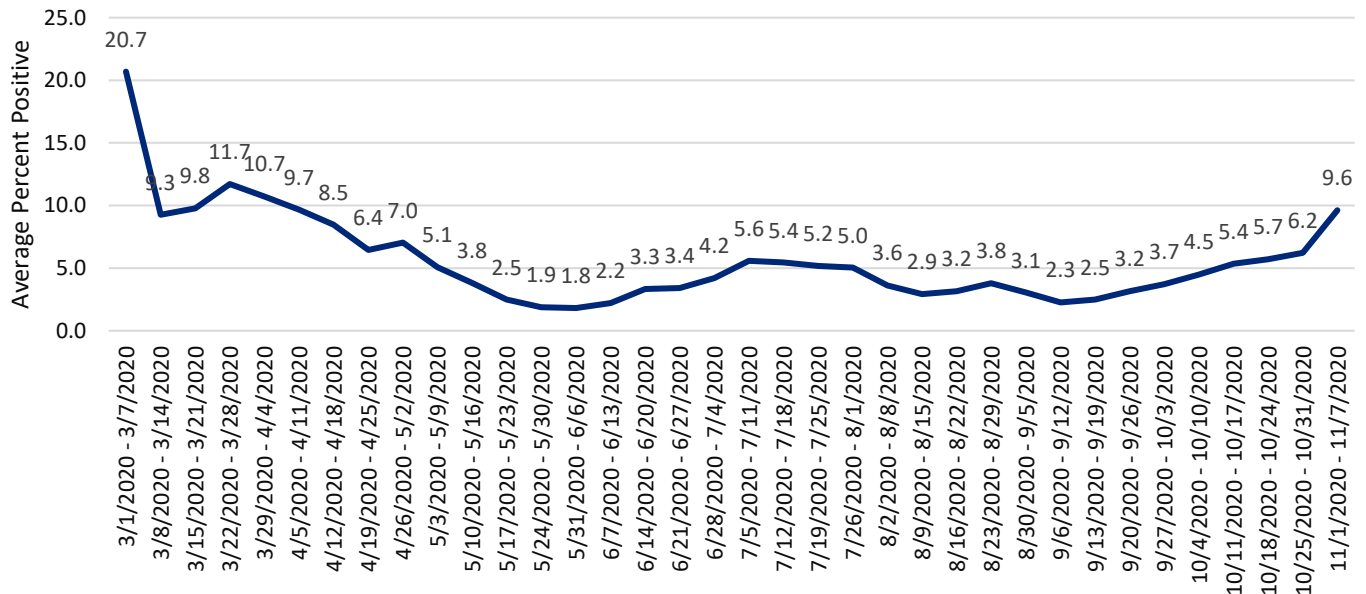
Table 9: Testing activity in Snohomish County

Week	Tests Reported	Negative	Positive	% Positive
9/13-9/19/2020	6932	6768	164	2.4%
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%
Total 10/11-11/7/2020 (4-week total)	40,857	38,124	2,733	6.7%

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



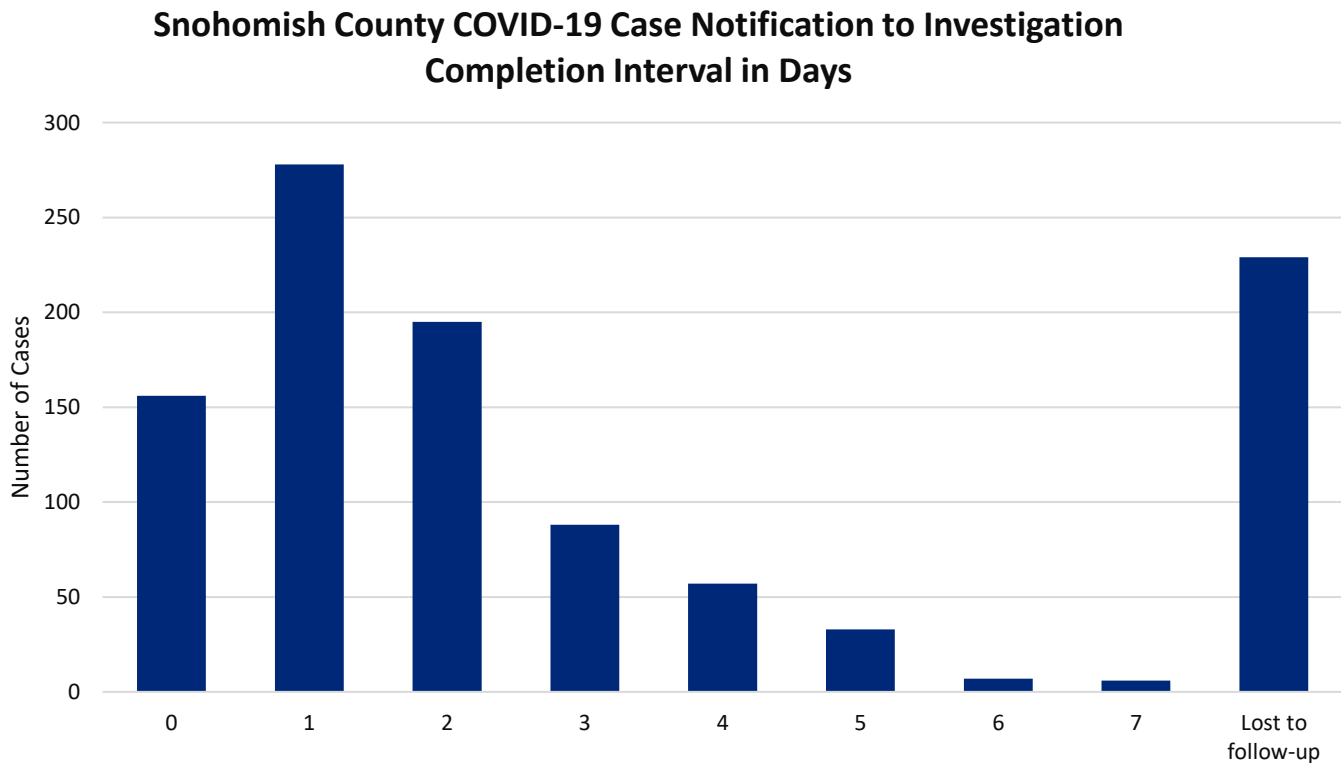
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Table 10: Percent of case investigations completed within 1 and 2 days of initial notification of case

Week	Cases Reported	Number contacted within 1 day	Percent contacted within 1 day	Number contacted within 2 days	Percent contacted within 2 days
9/13-9/19/2020	179	134	75%	140	78%
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%

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

Figure 11: Case notification to investigation completion interval in days (11/1-11/7/2020)



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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
9/13-9/19/2020	261	211	81%
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%

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

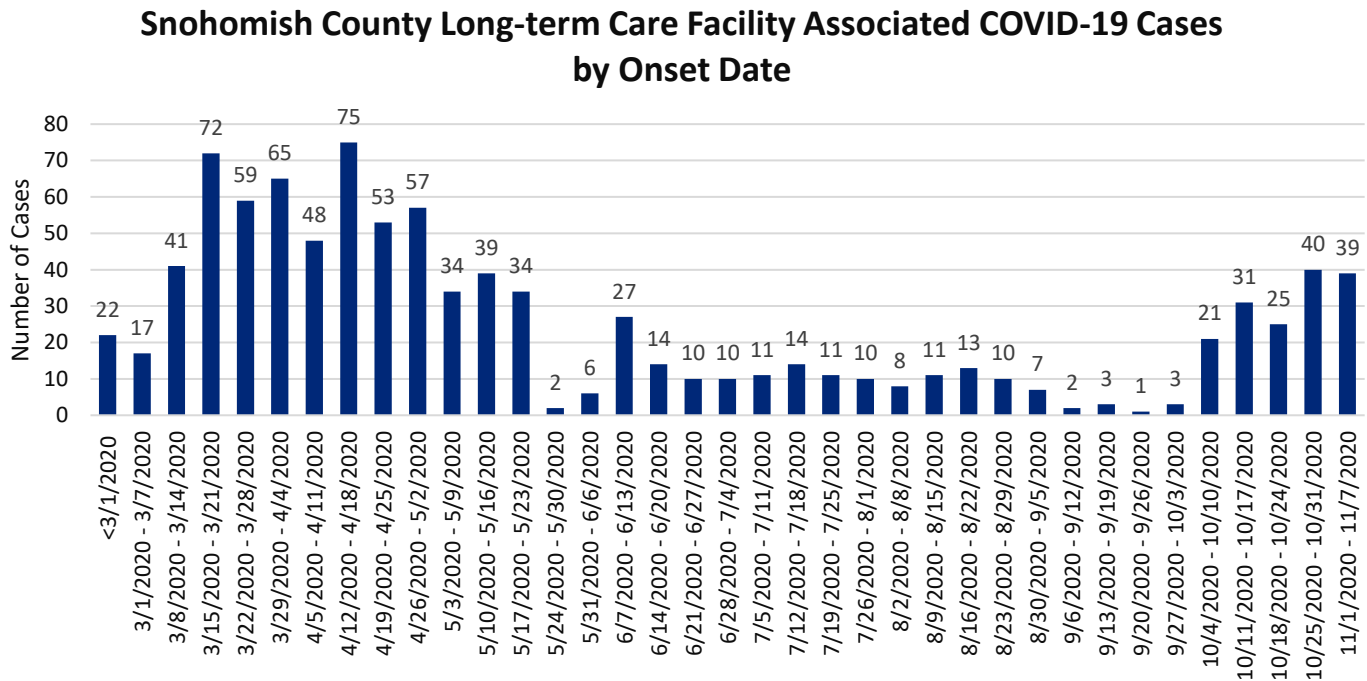


Table 12: Type of LTCF-associated COVID-19 case

Type	Number	Percent
Resident	478	50.4%
Staff	464	48.9%
Visitor	5	0.5%
Other	<5	0.1%
Grand Total	948	100.0%

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

Current status	Number	Percent
Survived ¹	702	74.1%
Isolation	94	9.9%
Hospitalized	8	0.8%
Deceased	122	12.9%
Unknown	22	2.3%
Grand Total	948	100.0%

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

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

Ever hospitalized	Residents	Staff
No	288 (60.3%)	377 (86.7%)
Yes	170 (35.6%)	27 (6.2%)
Unknown	20 (4.2%)	31 (7.1%)
Grand Total	478	435

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
Sunrise View Everett	79	12.3%	Yes
Regency Care Monroe	74	11.6%	No
Rosewood Courte Memory Care	46	7.2%	Yes
Lynnwood Post-Acute Rehab	45	7.0%	Yes
Heritage Court Assisted Living	43	6.7%	Yes
Terrace at Beverly Lake Memory Care	38	5.9%	Yes
Josephine CC	33	5.2%	Yes
Chateau Pacific Assisted Living	33	5.2%	Yes
Mountain View Skilled Nursing Marysville	31	4.8%	Yes
Bethany at Silver Lake	29	4.5%	No
Prestige Post Acute Rehab Edmonds	27	4.2%	Yes
Josephine Caring Community #2	26	4.1%	No
Cedar Creek Memory Care	22	3.4%	Yes
Pacifica Senior Living Lynnwood	16	2.5%	Yes
Gencare Scriber Gardens	13	2.0%	Yes
Bethany at Pacific	12	1.9%	Yes
BW Heavenly Adult Family Home	9	1.4%	Yes
Terrace at Beverly Lake Memory Care #2	8	1.3%	Yes
Quilceda Creek Adult Family Home #1	8	1.3%	Yes
Bothell Health Care	7	1.1%	Yes
Premier Adult Family Home Everett	7	1.1%	Yes
Homecomings II AFH Bothell	6	0.9%	Yes
Harbour Pointe Senior Living	6	0.9%	Yes
Acacia Senior Home II	6	0.9%	Yes
Sunrise of Edmonds	6	0.9%	Yes
Mountlake Terrace Plaza	5	0.8%	Yes
Anest Adult Family Home	5	0.8%	Yes
Grand Total	640	100.0%	

COVID-19 DEATHS

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

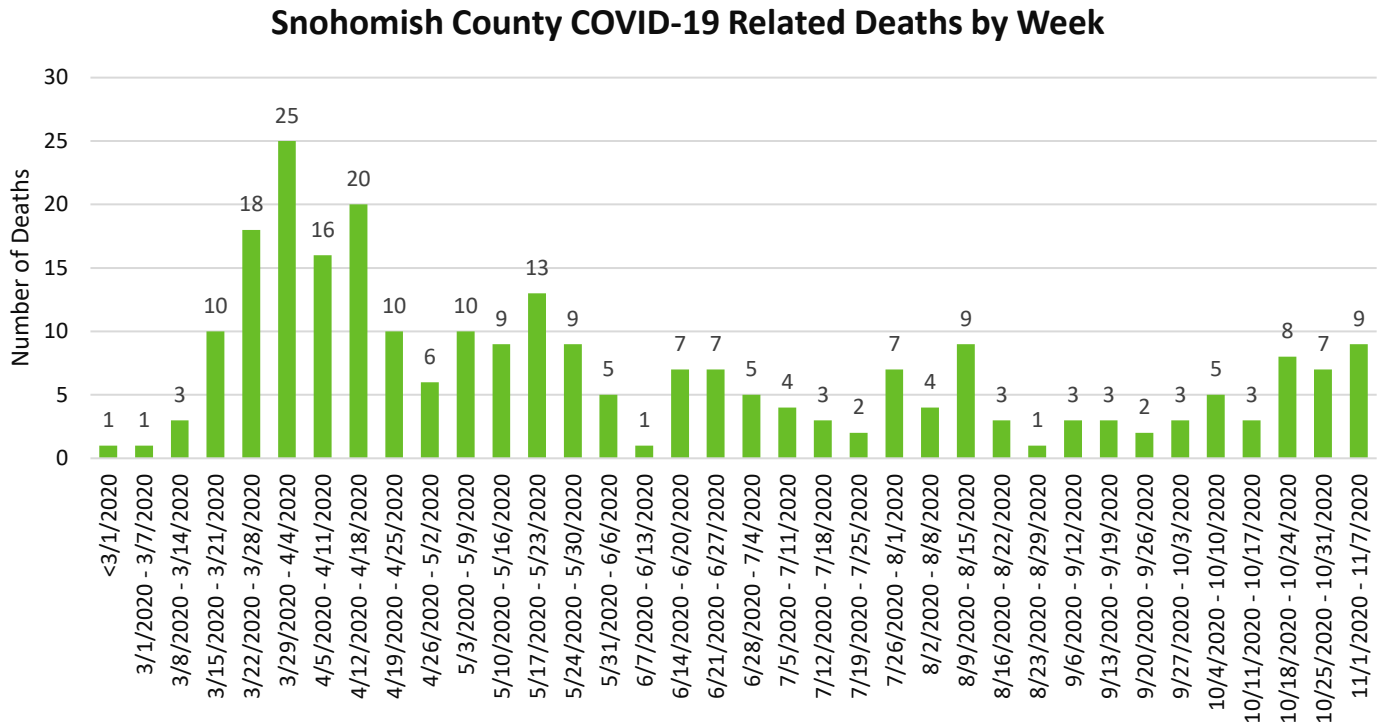


Table 16: Gender of COVID-19 related deaths in Snohomish County

Gender	Number	Percent
Female	116	46.0%
Male	136	54.0%
Grand Total	252	100.0%

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	0.79%	Not calculated <5	0.1%
30-39	2	0.79%	Not calculated <5	0.1%
40-49	12	4.76%	10.6	0.7%
50-59	18	7.14%	15.8	1.1%
60-69	28	11.11%	28.9	2.6%
70-79	68	26.98%	130.0	12.5%
80+	122	48.41%	485.7	24.4%
Grand Total	252	100.00%	30.3	2.2%

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

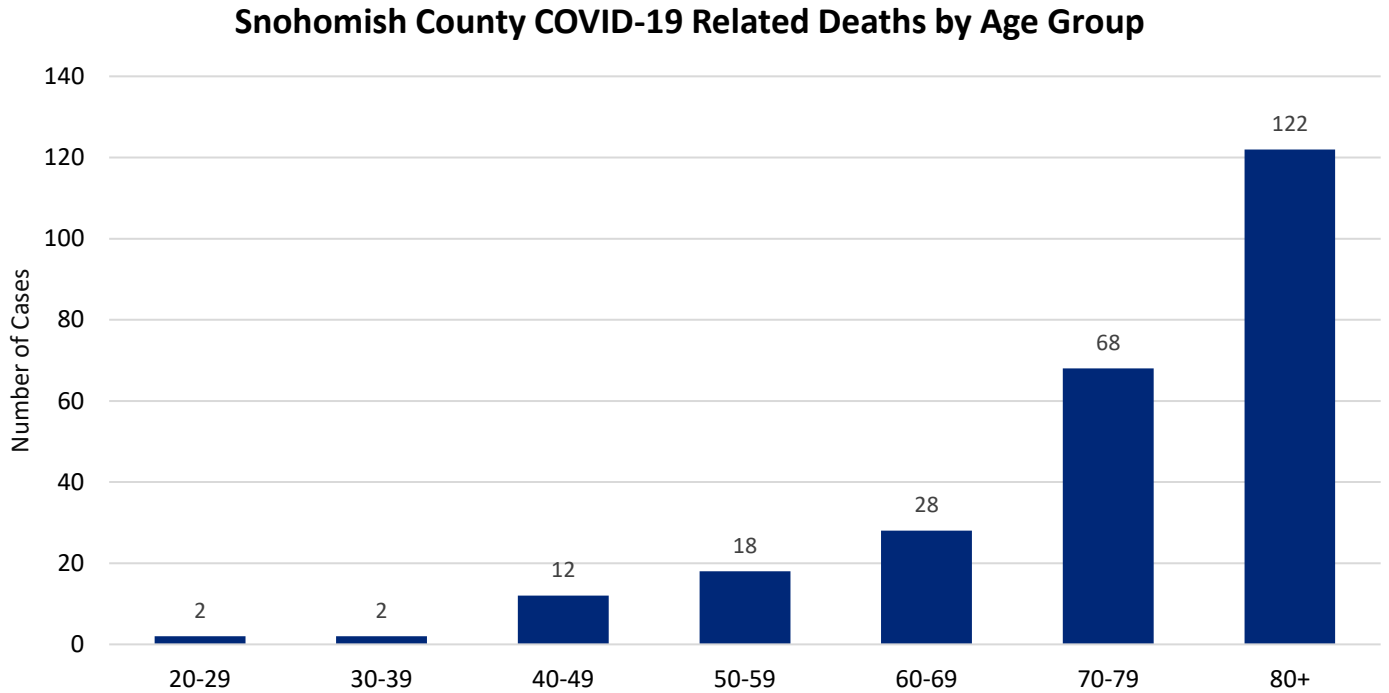


Table 18: Underlying health conditions of COVID-19 related deaths in Snohomish County

Underlying health condition	Number	Percent
Yes	238	94.4%
No	10	4.0%
Unknown	4	1.6%
Grand Total	252	100.0%

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

Ever hospitalized	Number	Percent
Yes	186	73.8%
No	64	25.4%
Unknown	2	0.8%
Grand Total	252	100.0%

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

Type of exposure	Number	Percent
Long term care associated	122	48.4%
Community acquired	85	33.7%
Close contact	20	7.9%
Nosocomial	11	4.4%
Travel	3	1.2%
Unknown	11	4.4%
Grand Total	252	100.0%

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

City	Number	Percent
Arlington	5	2.0%
Bothell	16	6.3%
Darrington	1	0.4%
Edmonds	34	13.5%
Everett	91	36.1%
Lake Stevens	5	2.0%
Lynnwood	33	13.1%
Marysville	23	9.1%
Mill Creek	6	2.4%
Monroe	11	4.4%
Mountlake Terrace	4	1.6%
Mukilteo	2	0.8%
Snohomish	5	2.0%
Stanwood	10	4.0%
Sultan	1	0.4%
Tulalip	3	1.2%
Woodinville	2	0.8%
Grand Total	252	100.0%