

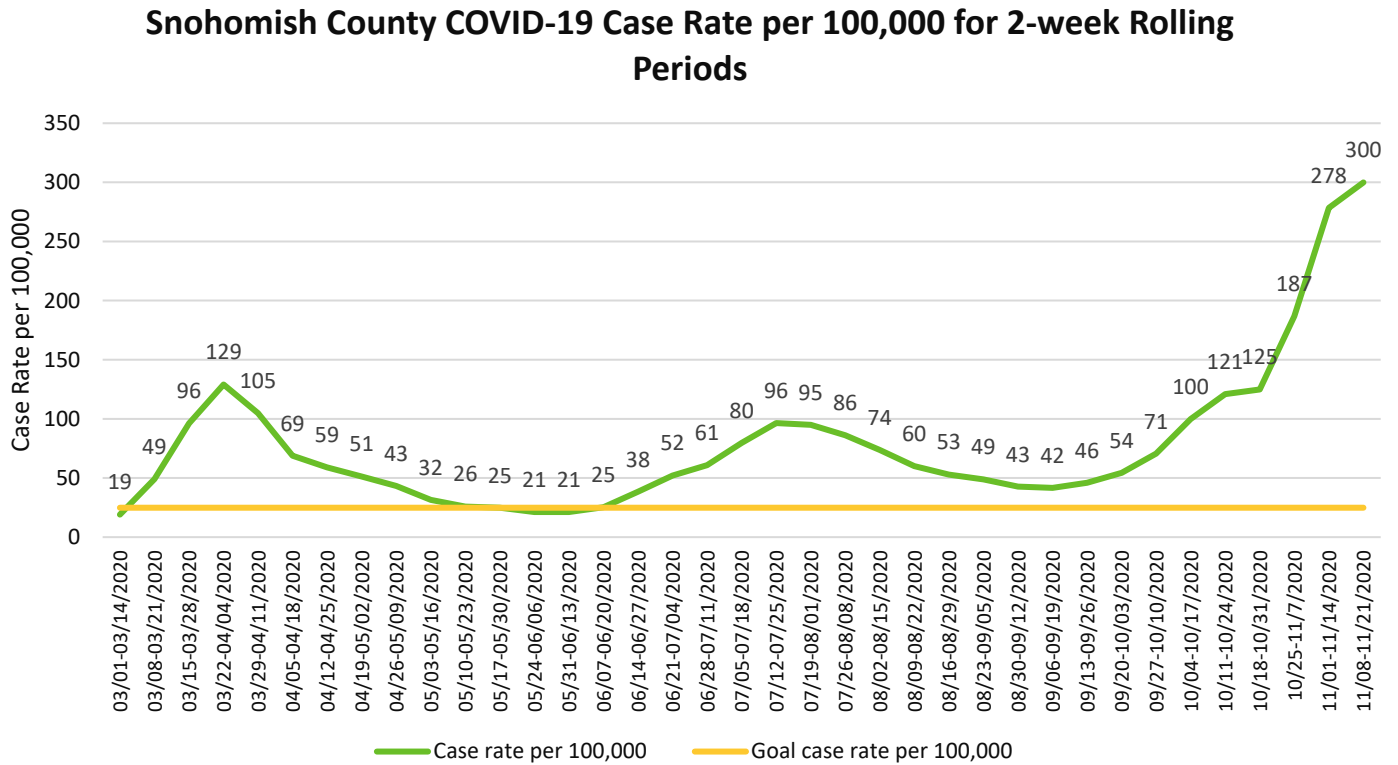
**SNOHOMISH HEALTH DISTRICT
WEEKLY COVID-19 REPORT
NOVEMBER 15 – NOVEMBER 21, 2020**

SUMMARY OF KEY COVID-19 SAFE START METRICS

Metric	Definition	Current Nov 15-Nov 21	Prior Nov 8–Nov 14	Target
Activity	Cases per 100,000 population during the 14 days ending on the last day of the week (Fig. 1, p. 2)	300	278	<25
	Average daily census of Snohomish County residents hospitalized with COVID-19 for the week (Fig. 9, p. 11)	59	49	--
	New hospitalizations per 100,000 population for the week	7.2	5.9	--
Healthcare System Readiness	Percentage of licensed acute care hospital beds occupied	78%	83%	<80%
	Percentage of licensed acute care hospital beds occupied by COVID-19 cases	8.6%	6.9%	<10%
Testing	Average daily tests per 100,000 population for the week	Data unavailable	225	--
	Testing positivity rate for the week (Table 10, p.12)	Data unavailable	9.9%	<2%
	Median time from symptom onset to specimen collection among cases for the week	2 day	2 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	31%	33%	90%
	Percent of contacts reached by phone or in person within 48 hours of receipt of positive lab test report on a case	Unavailable due DOH system upgrade	50%	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	17	≤2
Notes:				

COVID-19 EPIDEMIOLOGIC OVERVIEW

Figure 1: Snohomish County COVID-19 case rates per 100,000, March 1st through November 21st, 2020



Data source: Snohomish Health District COVID-19 database.

**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 15 – NOVEMBER 21, 2020**

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

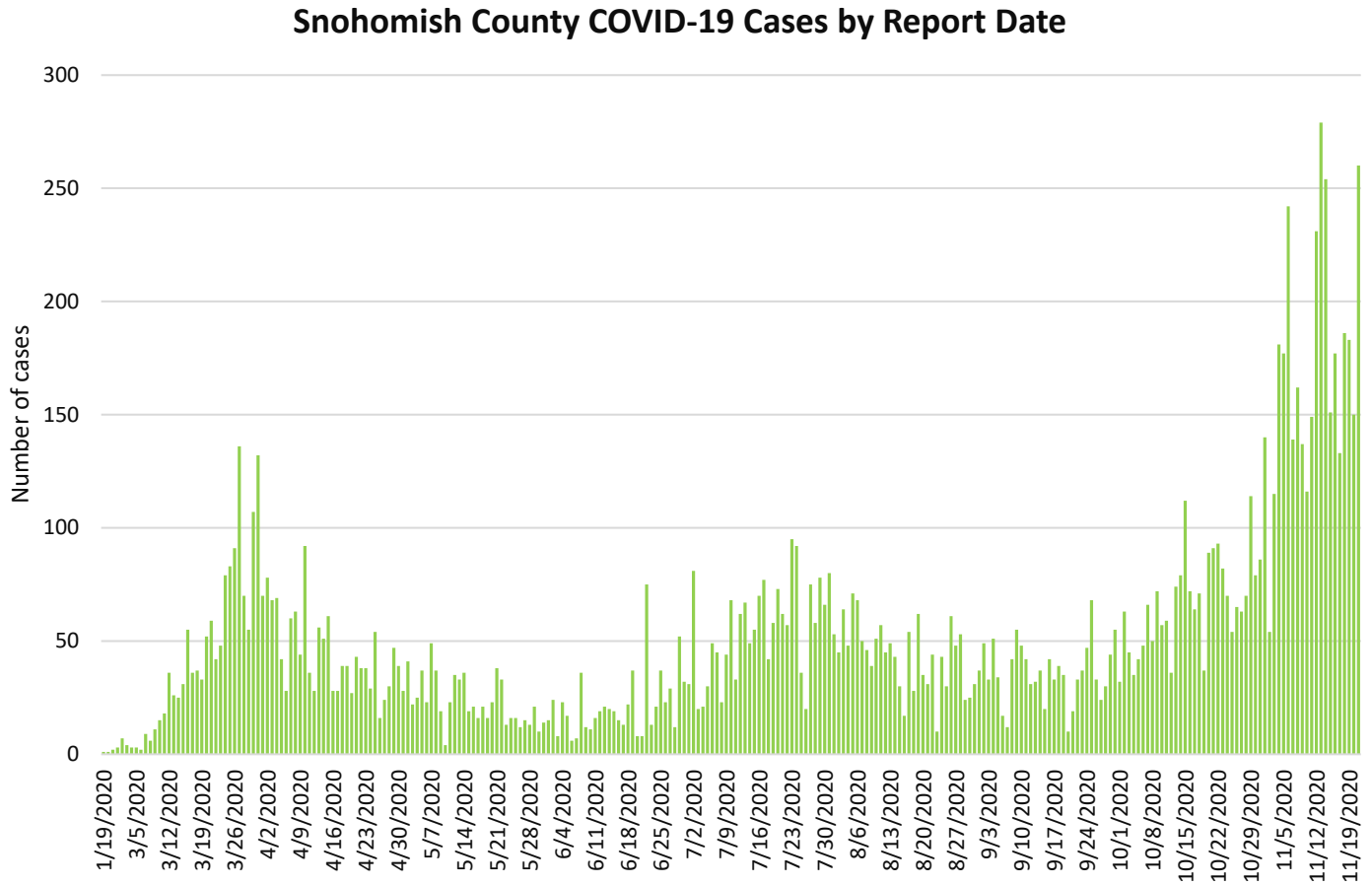
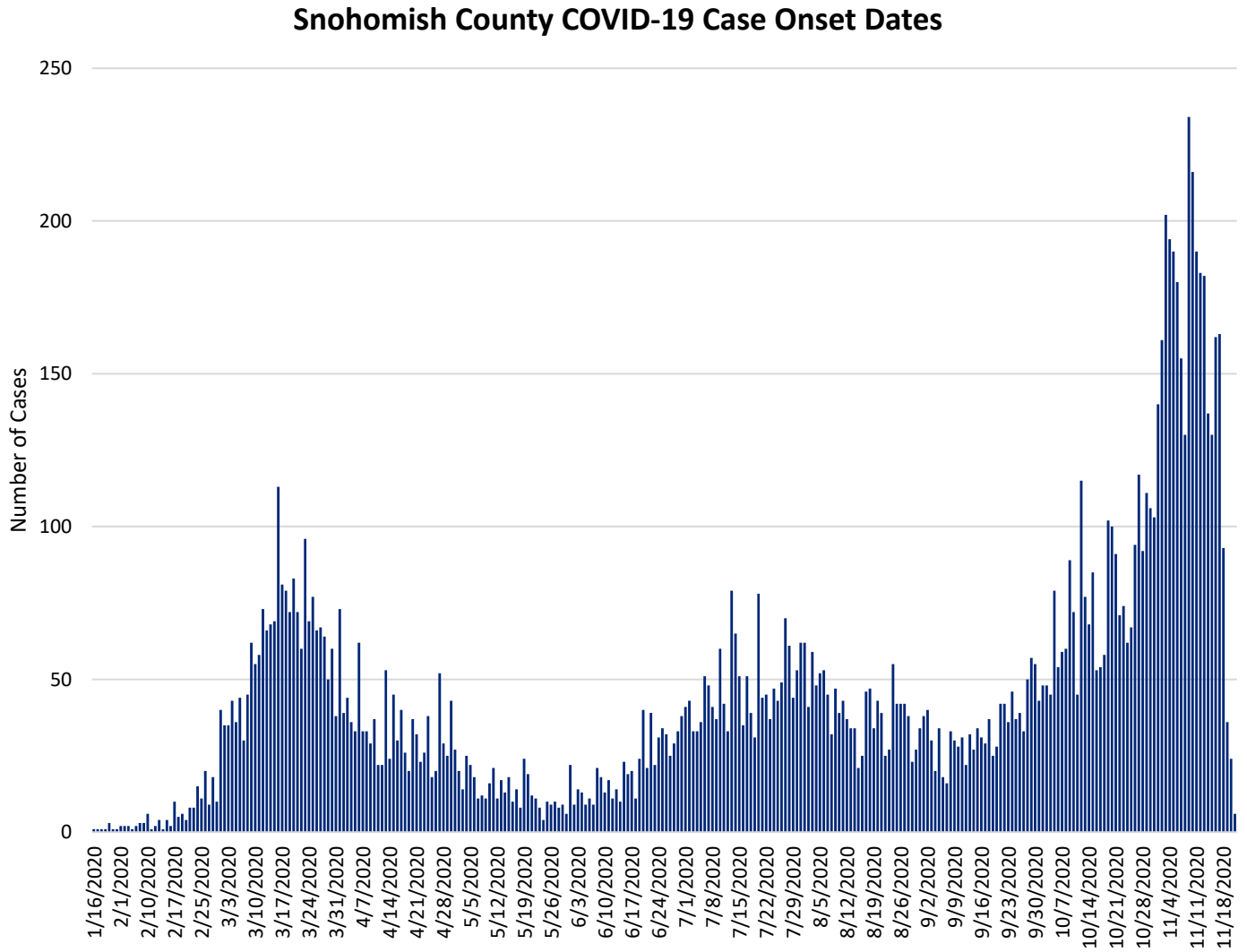


Figure 3: Snohomish County COVID-19 epidemiologic curve



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.

**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 15 – NOVEMBER 21, 2020**

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

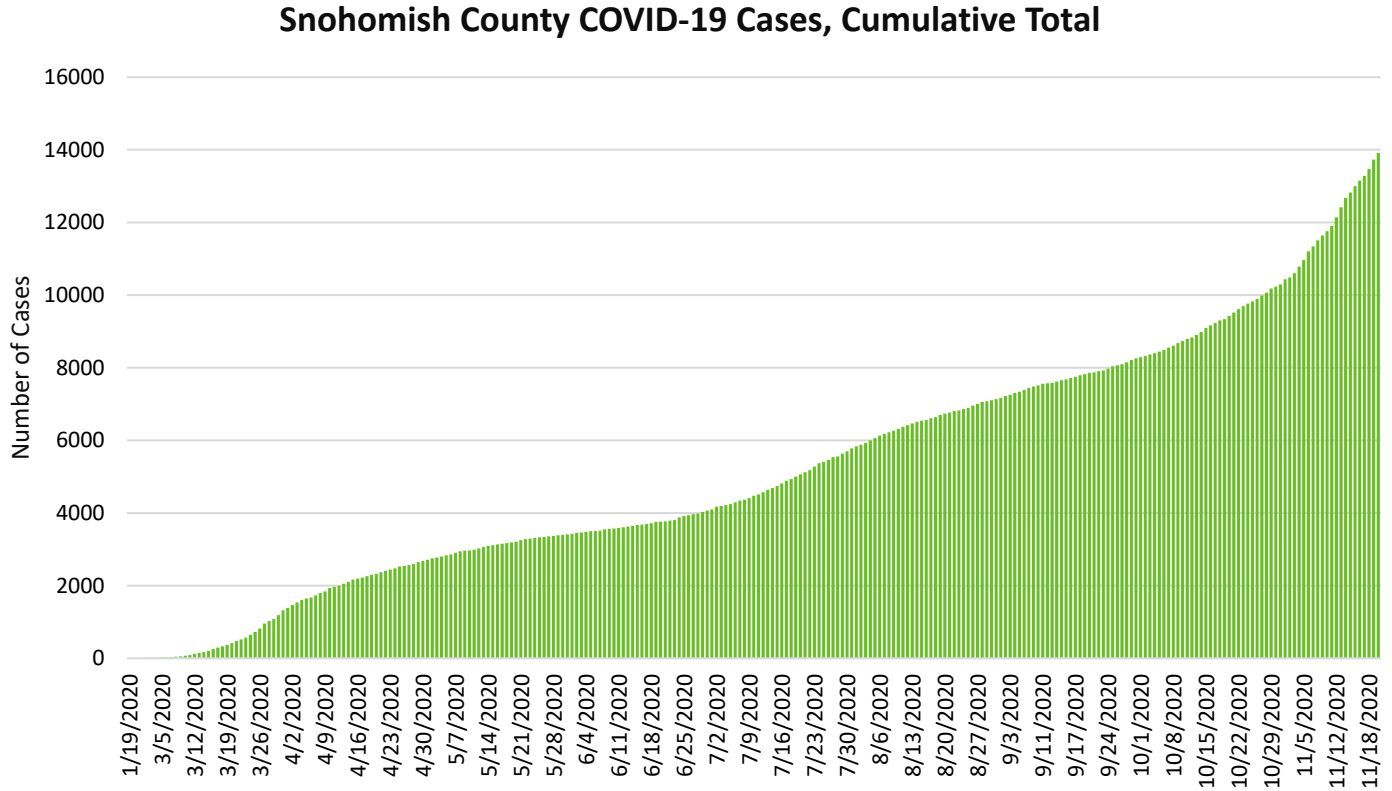


Table 1: Sex at birth of COVID-19 cases in Snohomish County

Sex at birth	Current 2-Week Period 11/8-11/21/2020	Prior 2-Week Period 11/1-11/14/2020	Cumulative 01/20/2020-present
Female	1334	1209	6637
Male	1234	1170	7273
Grand Total	2568	2379	13910

**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 15 – NOVEMBER 21, 2020**

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

Age group in years	Current 2-Week Period 11/8-11/21/2020	Prior 2-Week Period 11/1-11/14/2020	Cumulative 01/20/2020-present
0-14	213	204	1094
15-19	231	213	960
20-29	547	538	2750
30-39	519	432	2524
40-49	383	354	2180
50-59	326	294	1938
60-69	186	167	1248
70-79	93	100	636
80+	70	77	574
Unknown	0	0	6
Grand Total	2568	2379	13910

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

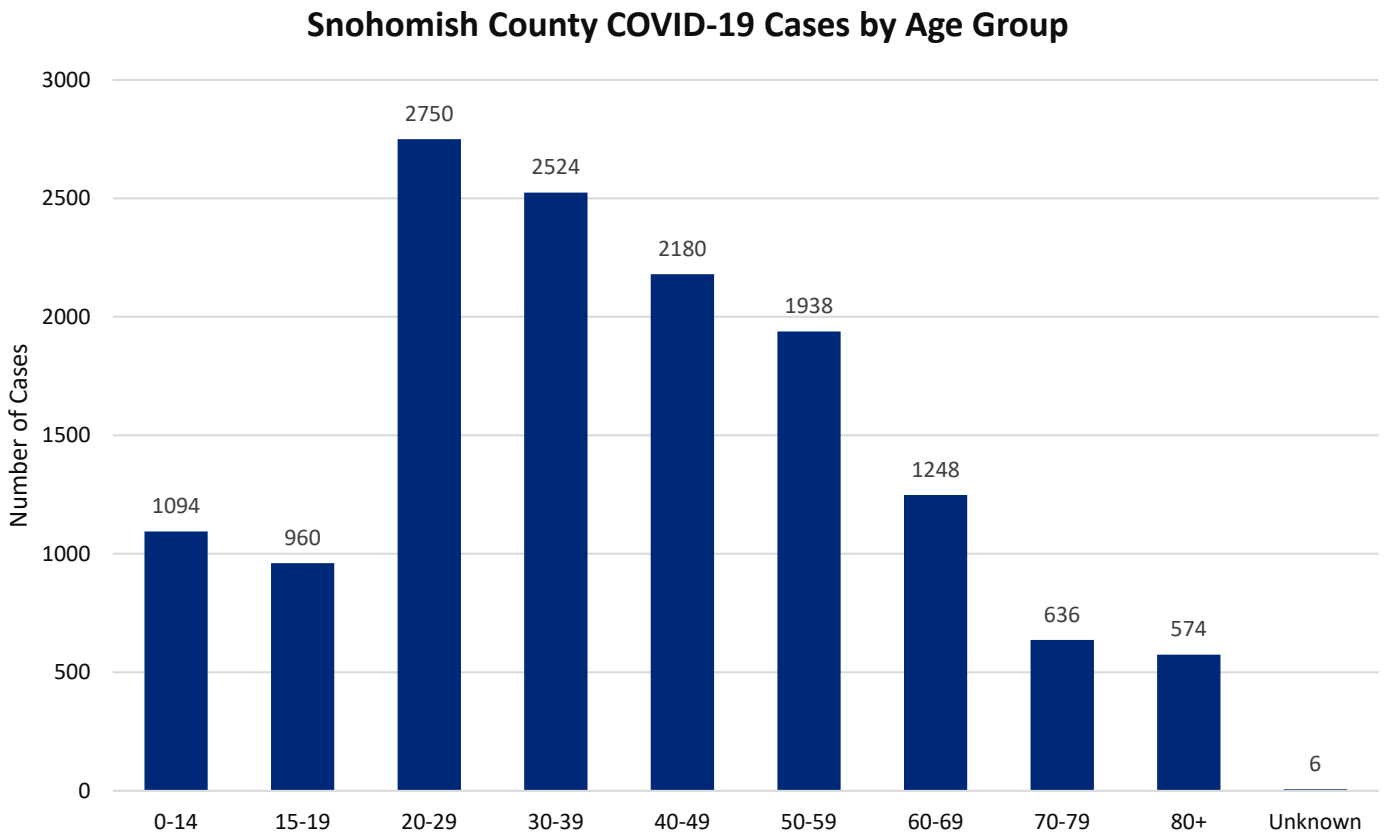
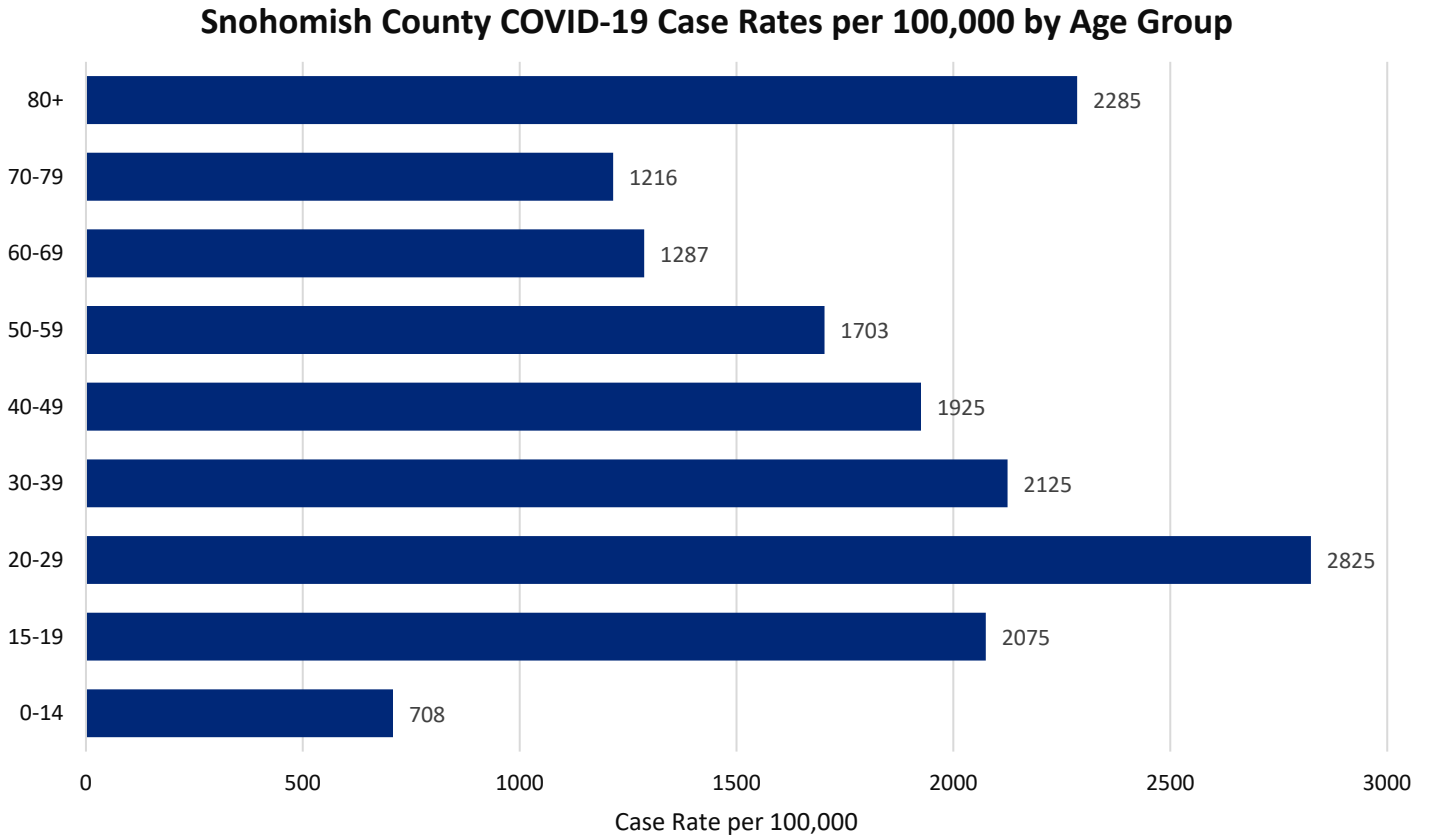
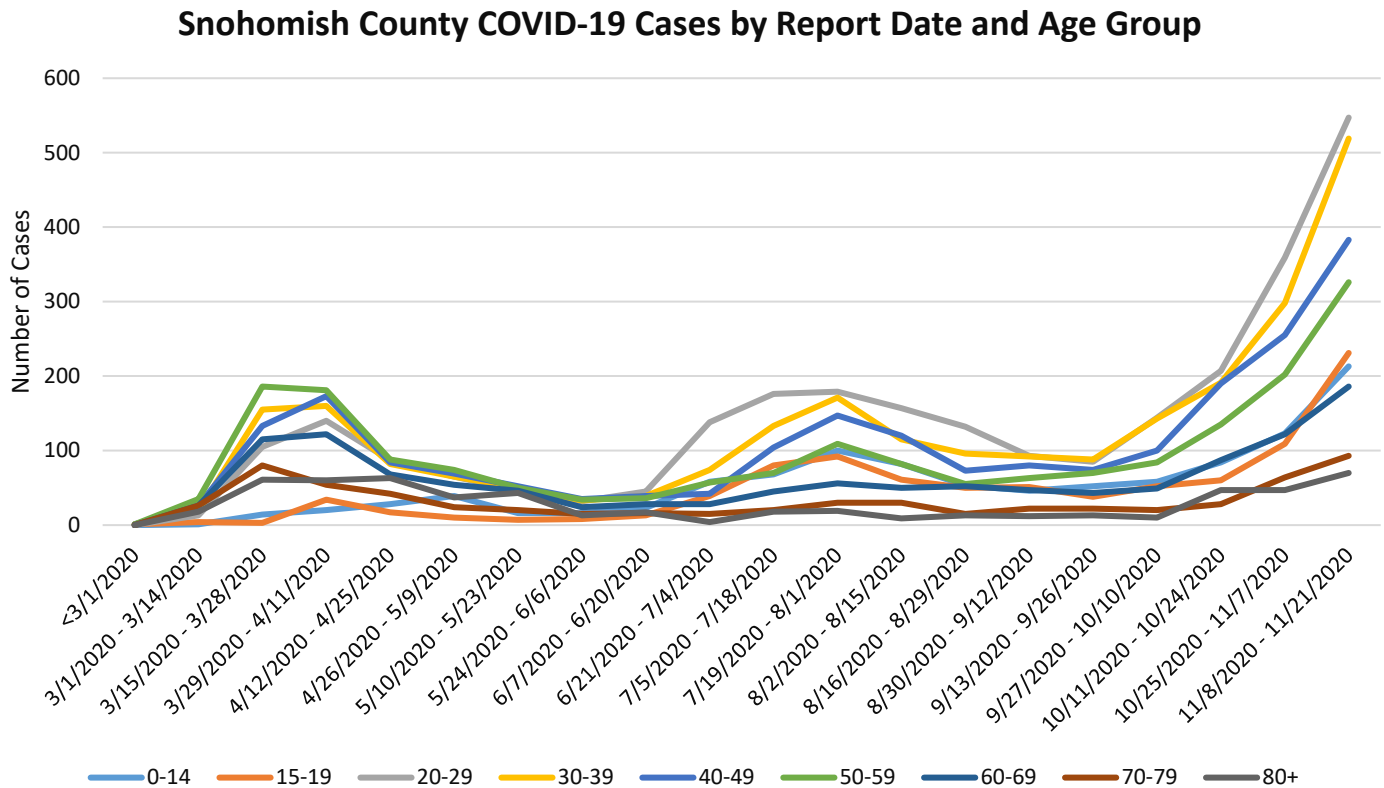


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group



**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 15 – NOVEMBER 21, 2020**

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 11/8-11/21/2020	Prior 2-Week Period 11/1-11/14/2020	Cumulative 01/20/2020-present
Close contact	1108	1052	5493
Community acquired	762	674	4629
Long-term Care Facility Associated	120	146	1070
Healthcare Worker	23	40	449
Travel	5	5	148
Corrections	7	9	86
Nosocomial	8	15	42
Unknown	535	438	1993
Grand Total	2568	2379	13910

**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 15 – NOVEMBER 21, 2020**

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

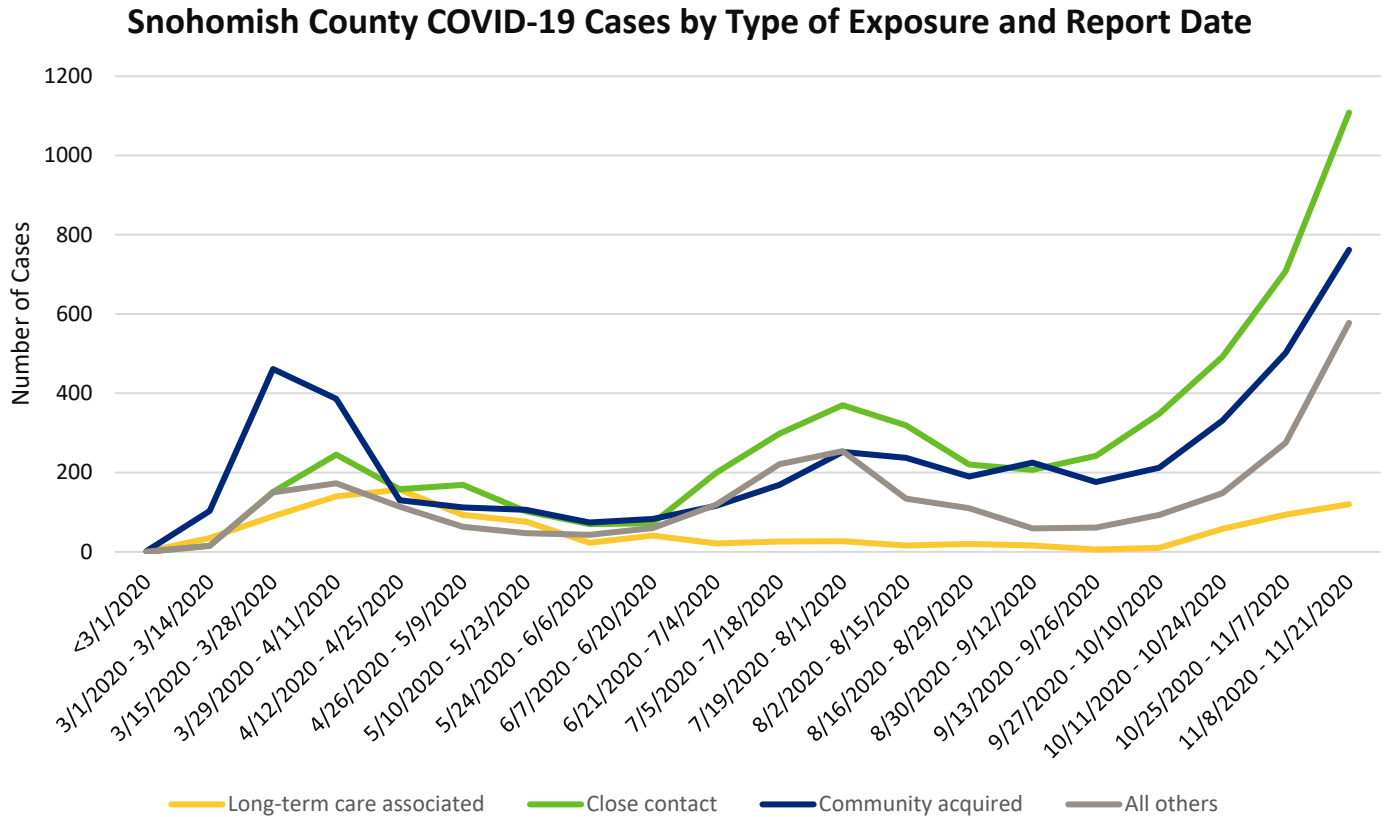


Table 4: Current case status of COVID-19 cases in Snohomish County

Current status	Current 2-Week Period 11/8-11/21/2020	Prior 2-Week Period 11/1-11/14/2020	All cases 01/20/2020-present
Home isolation	1962	1795	2973
Hospitalized	34	25	50
Survived ¹	11	79	9825
Deceased	10	8	268
Unknown	551	472	794
Grand Total	2568	2379	13910

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

WEEKLY COVID-19 REPORT
 SNOHOMISH HEALTH DISTRICT
 NOVEMBER 15 – NOVEMBER 21, 2020

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 11/8-11/21/2020	Prior 2-Week Period 11/1-11/14/2020	Cumulative 01/20/2020-present
No	1942	1838	10906
Yes	82	67	969
Unknown	544	474	2035
Grand Total	2568	2379	13910

WEEKLY COVID-19 REPORT
 SNOHOMISH HEALTH DISTRICT
 NOVEMBER 15 – NOVEMBER 21, 2020

Table 7: New Outbreaks Detected 11/15-11/21/2020

Facility name	Facility type	Number of cases
A	Adult family home	<5
B	Adult family home	<5
C	Childcare	<5
D	Construction	<5
E	Construction	6
F	Government	<5
G	LTCF	<5
H	LTCF	<5
I	Manufacturing	7
J	Real estate	<5
K	Restaurant	<5
L	Restaurant	<5
M	Restaurant	<5
N	Restaurant	<5
O	Restaurant	<5
P	School	<5
Q	School	<5
R	Social Event	16
S	Veterinary	<5
Total outbreaks	19	64

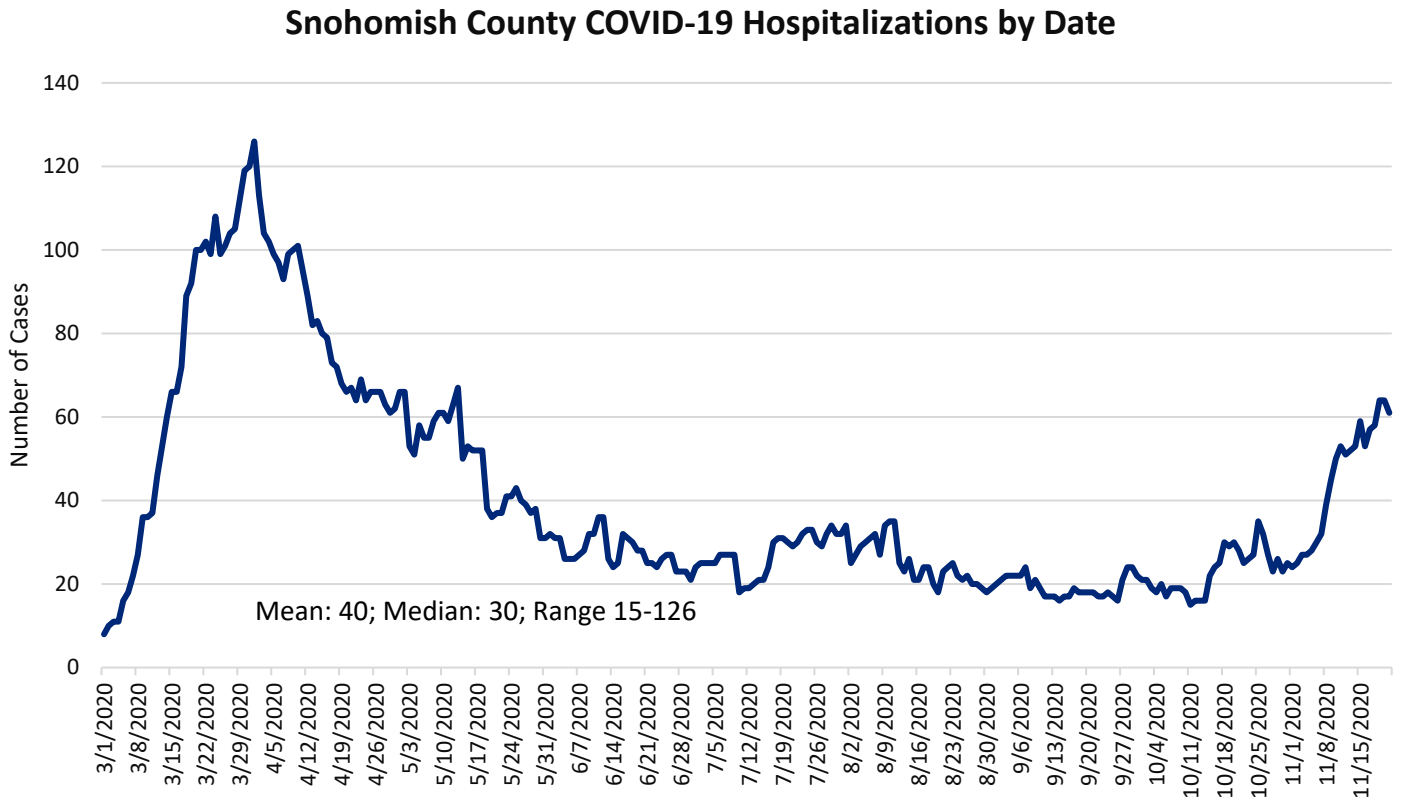
WEEKLY COVID-19 REPORT
 SNOHOMISH HEALTH DISTRICT
 NOVEMBER 15 – NOVEMBER 21, 2020

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

City	Current 2-Week Period 11/8-11/21/2020	Prior 2-Week Period 11/1-11/14/2020	Cumulative 01/20/2020-present
Arlington	125	142	627
Bothell	174	151	1002
Brier	13	10	57
Darrington	<5	<5	14
Edmonds	132	128	892
Everett	634	612	3900
Gold Bar	10	7	47
Granite Falls	17	17	98
Lake Stevens	152	142	724
Lynnwood	388	369	2061
Marysville	298	239	1330
Mill Creek	51	46	261
Monroe	98	121	673
Mountlake Terrace	53	49	323
Mukilteo	44	34	247
North Lakewood	<5	<5	<5
Silvana	<5	<5	<5
Snohomish	185	165	916
Stanwood	113	101	414
Startup	0	0	<5
Sultan	10	11	87
Tulalip	55	22	157
Woodinville	5	7	42
Woodway	<5	<5	23
Unknown	<5	0	6
Grand Total	2568	2379	13910

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

**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 15 – NOVEMBER 21, 2020**

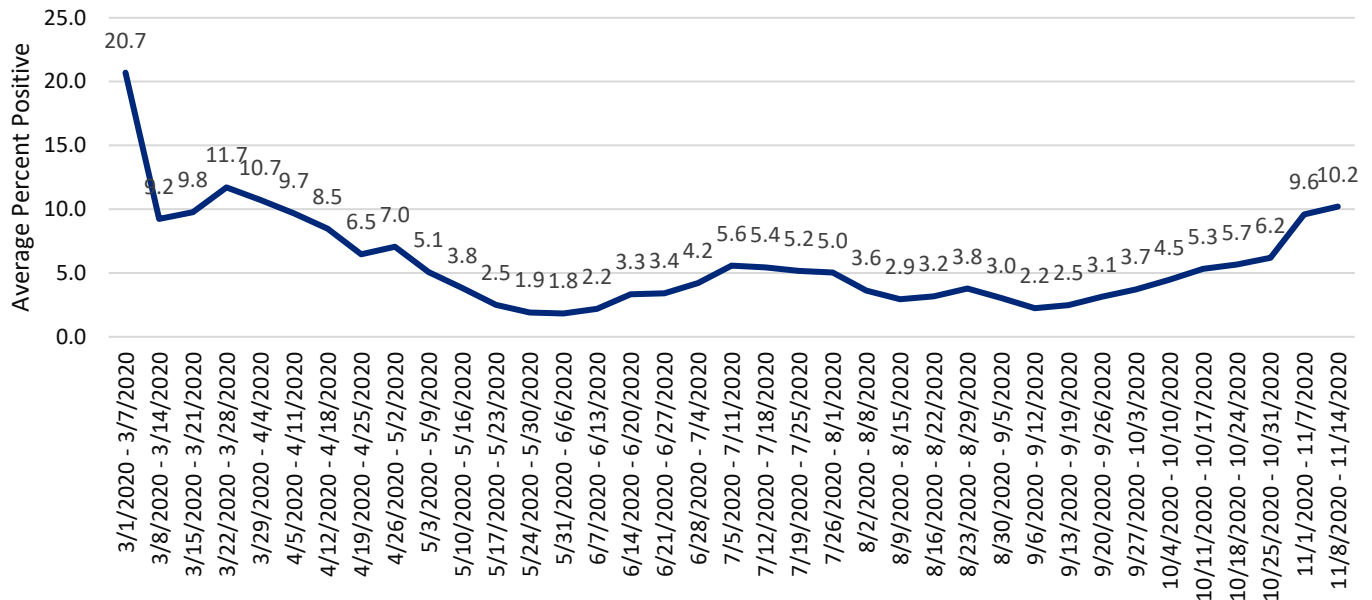
Table 9: Testing activity in Snohomish County through November 14, 2020.

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). Data no longer available after November 18th, 2020.

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



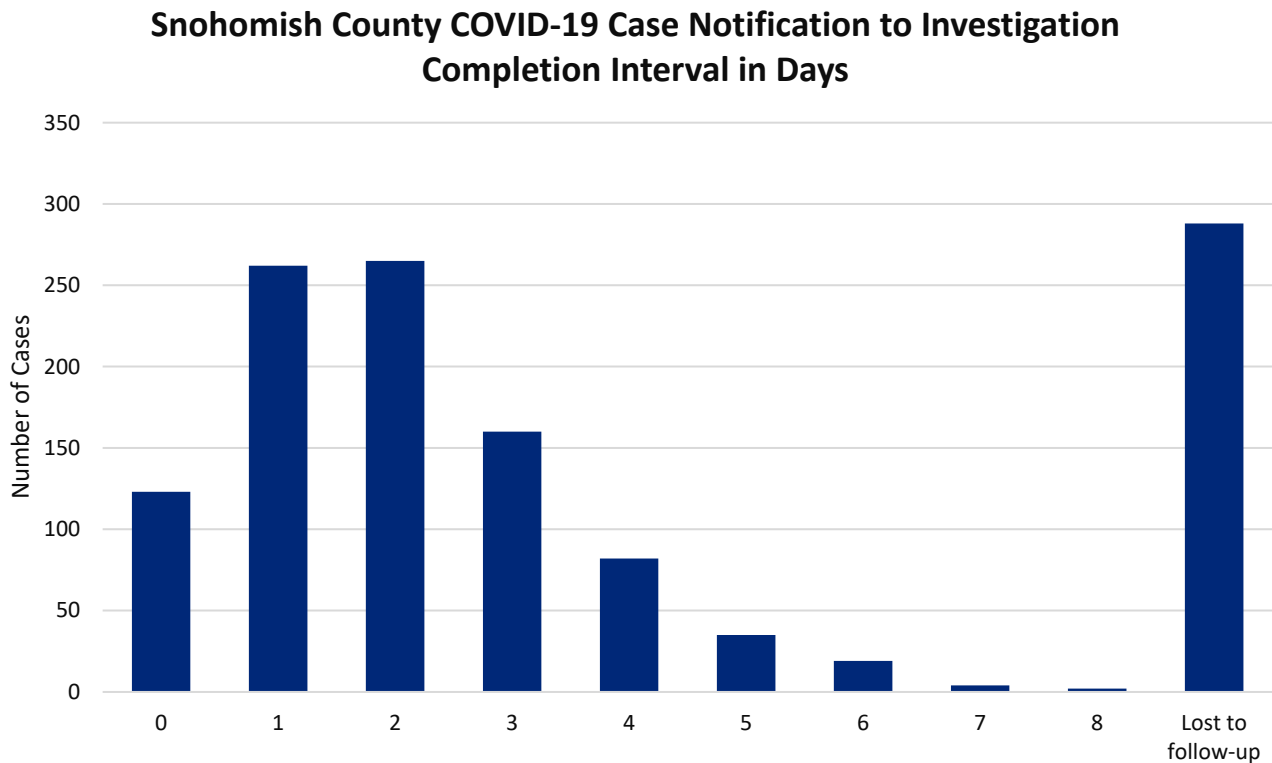
**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 15 – NOVEMBER 21, 2020**

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
9/27-10/03/2020	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%
11/15-11/21/2020	1240	385	31%	650	52%

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

Figure 11: Case notification to investigation completion interval in days (11/15-11/21/2020)



**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 15 – NOVEMBER 21, 2020**

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
9/27-10/3/2020	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%
11/15-11/21/2020	Data unavailable	DOH system upgrade	

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

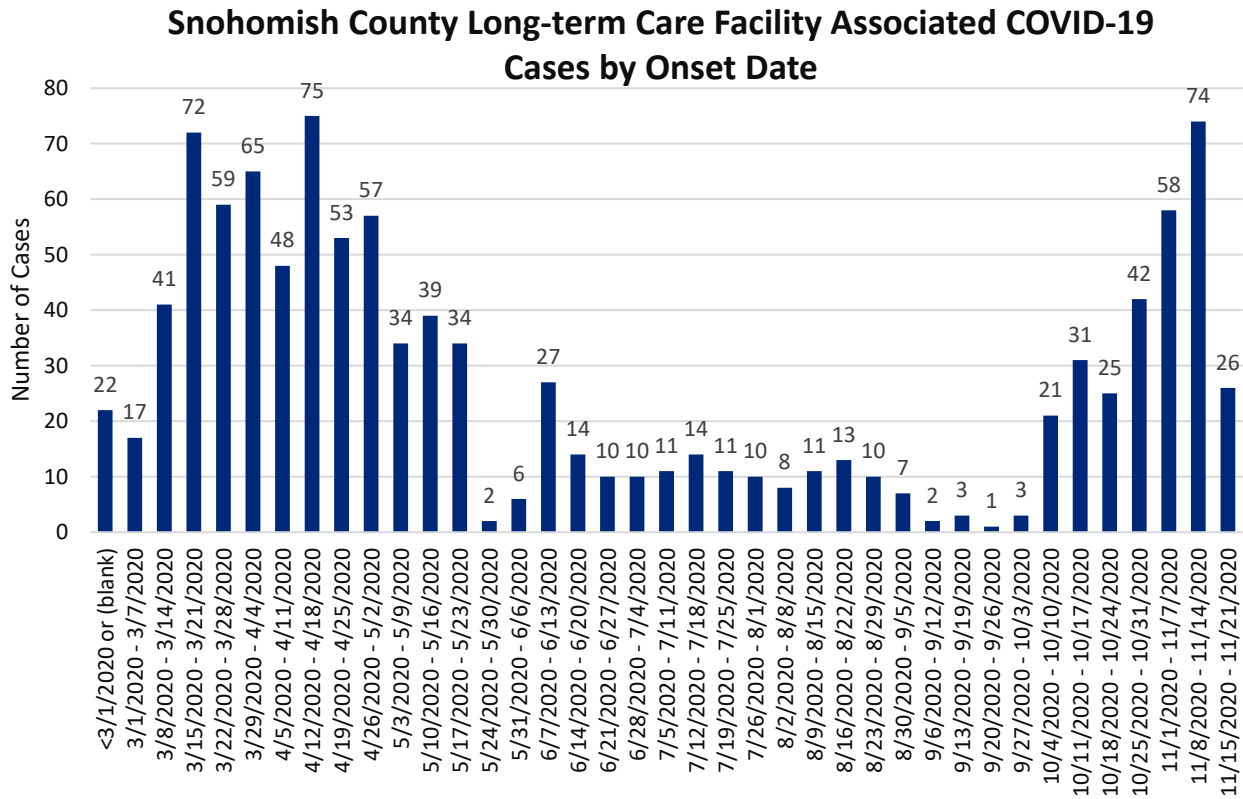


Table 12: Type of LTCF-associated COVID-19 case

Type	Number	Percent
Resident	550	51.4%
Staff	513	47.9%
Visitor	5	0.5%
Other	<5	--
Grand Total	1070	100.0%

WEEKLY COVID-19 REPORT
 SNOHOMISH HEALTH DISTRICT
 NOVEMBER 15 – NOVEMBER 21, 2020

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

Current status	Number	Percent
Survived ¹	749	70.0%
Isolation	149	13.9%
Hospitalized	8	0.7%
Deceased	136	12.7%
Unknown	28	2.6%
Grand Total	1070	100.0%
¹ No 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	345 (62.7%)	441 (86.0%)
Yes	185 (33.6%)	28 (5.5%)
Unknown	20 (3.6%)	44 (8.6%)
Grand Total	550	513

WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 15 – NOVEMBER 21, 2020

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	107	14.2%	No
Regency Care Monroe	83	11.0%	No
Sunrise View Everett	80	10.6%	Yes
Rosewood Courte Memory Care	46	6.1%	Yes
Lynnwood Post-Acute Rehab	45	6.0%	Yes
Heritage Court Assisted Living	43	5.7%	Yes
Terrace at Beverly Lake Memory Care	38	5.0%	Yes
Bethany at Silver Lake	34	4.5%	No
Chateau Pacific Assisted Living	33	4.4%	Yes
Josephine CC	33	4.4%	Yes
Mountain View Skilled Nursing Marysville	31	4.1%	Yes
Prestige Post Acute Rehab Edmonds	27	3.6%	Yes
Cedar Creek Memory Care	22	2.9%	Yes
Pacifica Senior Living Lynnwood	16	2.1%	Yes
Gencare Scriber Gardens	13	1.7%	Yes
Bethany at Pacific	12	1.6%	Yes
BW Heavenly Adult Family Home	9	1.2%	Yes
Cascade Valley Senior Living	9	1.2%	No
Quilceda Creek Adult Family Home #1	8	1.1%	Yes
Harbour Pointe Senior Living	8	1.1%	Yes
Terrace at Beverly Lake Memory Care #2	8	1.1%	Yes
Premier Adult Family Home Everett	7	0.9%	Yes
Bothell Health Care	7	0.9%	Yes
Homecomings II AFH Bothell	6	0.8%	Yes
Acacia Senior Home II	6	0.8%	Yes
Bethany at Pacific #2	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
Grand Total	753	100.0%	

COVID-19 DEATHS

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

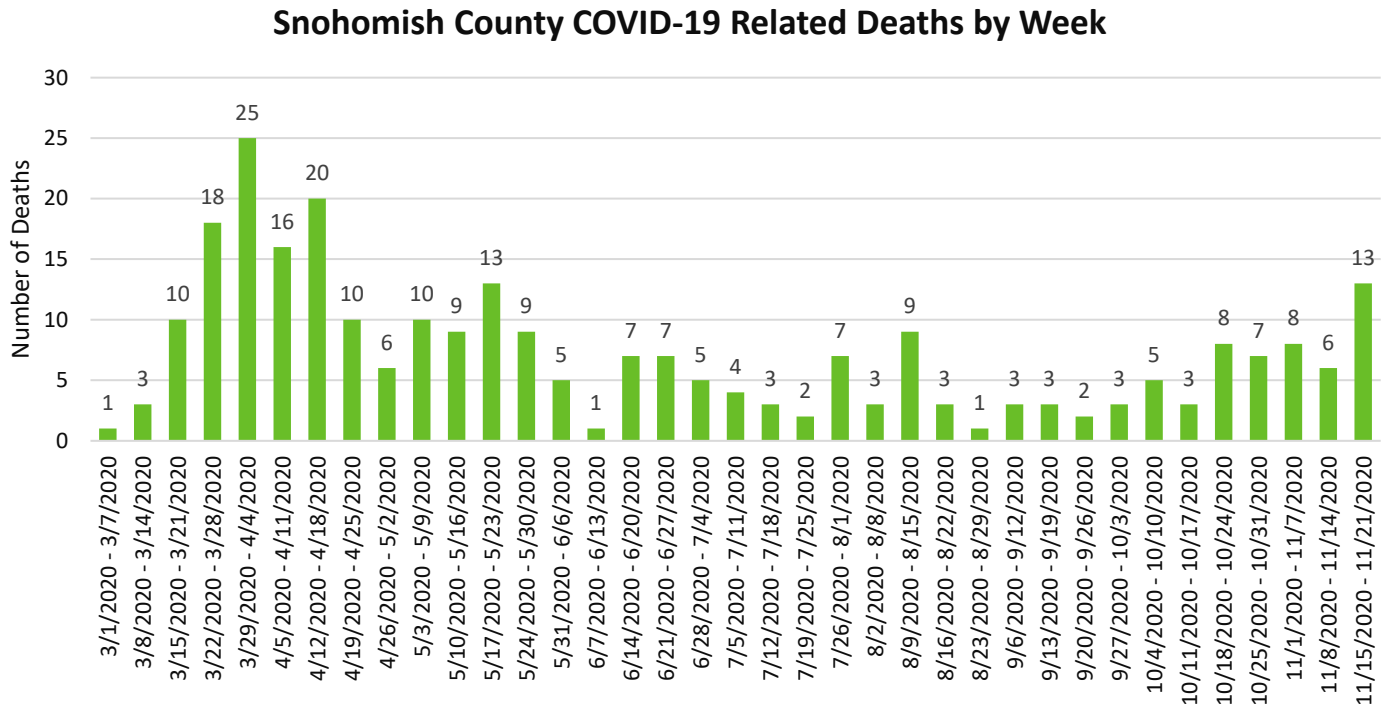


Table 16: Gender of COVID-19 related deaths in Snohomish County

Gender	Number	Percent
Female	142	53.0%
Male	126	47.0%
Grand Total	268	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	0.7%	Not calculated <5	0.1%
30-39	1	0.4%	Not calculated <5	<0.1%
40-49	12	4.5%	10.6	0.6%
50-59	18	6.7%	15.8	0.9%
60-69	31	11.6%	32.0	2.5%
70-79	75	28.0%	143.3	11.8%
80+	129	48.1%	513.6	22.5%
Grand Total	268	100.0%	32.3	1.9%

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

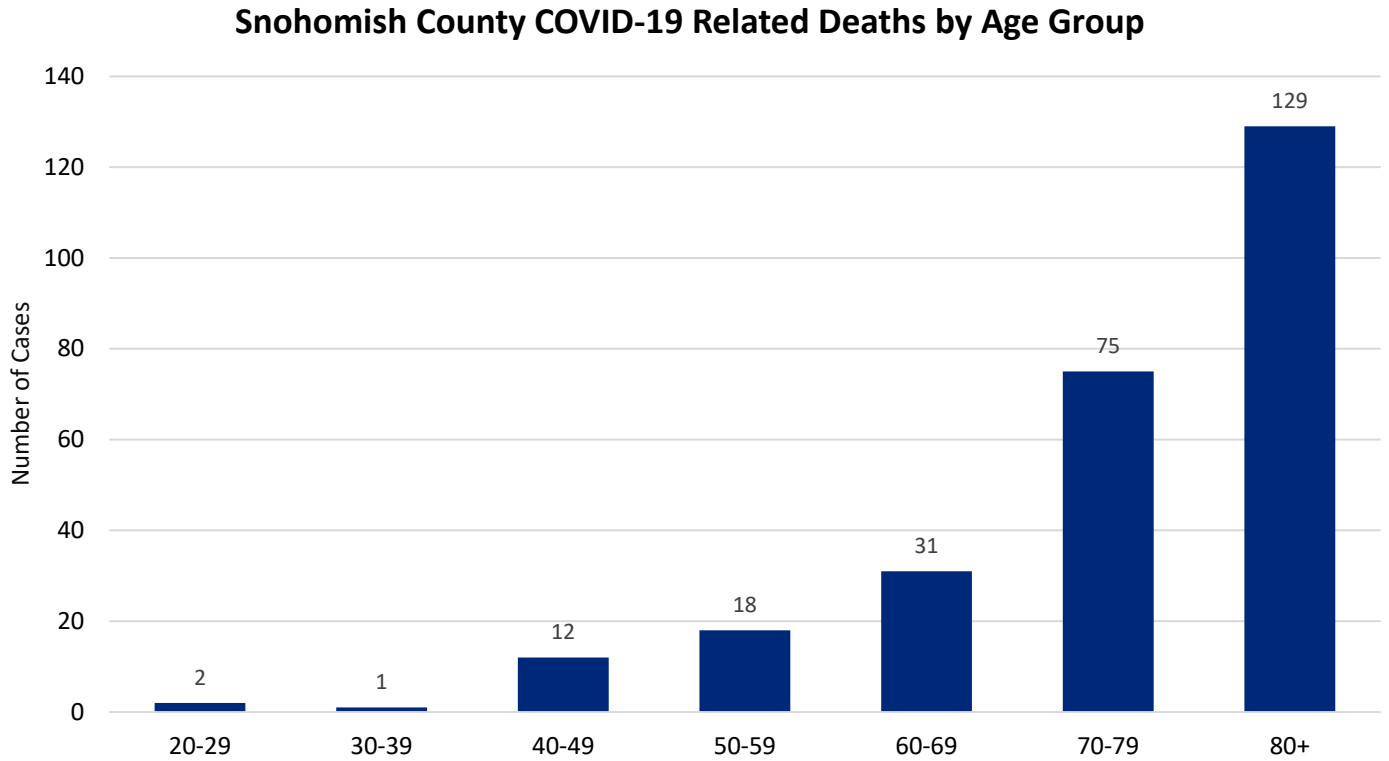


Table 18: Underlying health conditions of COVID-19 related deaths in Snohomish County

Underlying health condition	Number	Percent
Yes	253	94.4%
No	9	3.4%
Unknown	6	2.2%
Grand Total	268	100.0%

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

Ever hospitalized	Number	Percent
Yes	197	73.5%
No	68	25.4%
Unknown	3	1.1%
Grand Total	268	100.0%

WEEKLY COVID-19 REPORT
 SNOHOMISH HEALTH DISTRICT
 NOVEMBER 15 – NOVEMBER 21, 2020

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

Type of exposure	Number	Percent
Long term care associated	135	50.4%
Community acquired	87	32.5%
Close contact	20	7.5%
Nosocomial	12	4.5%
Travel	2	0.7%
Unknown	12	4.5%
Grand Total	268	100.0%

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

City	Number	Percent
Arlington	7	2.6%
Bothell	16	6.0%
Darrington	1	0.4%
Edmonds	34	12.7%
Everett	95	35.4%
Lake Stevens	5	1.9%
Lynnwood	32	11.9%
Marysville	23	8.6%
Mill Creek	6	2.2%
Monroe	12	4.5%
Mountlake Terrace	5	1.9%
Mukilteo	2	0.7%
Snohomish	5	1.9%
Stanwood	19	7.1%
Sultan	1	0.4%
Tulalip	3	1.1%
Woodinville	2	0.7%
Grand Total	268	100.0%