

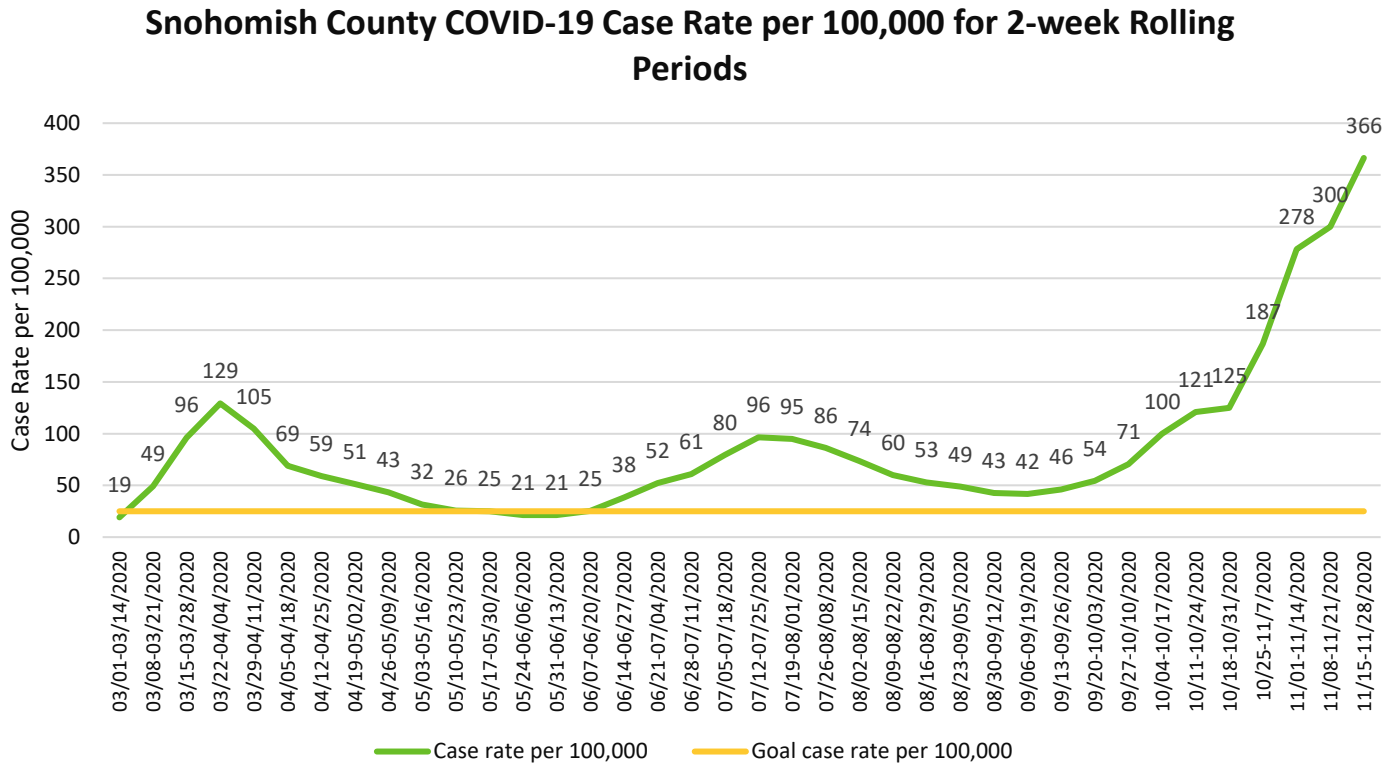
**SNOHOMISH HEALTH DISTRICT
WEEKLY COVID-19 REPORT
NOVEMBER 22 – NOVEMBER 28, 2020**

SUMMARY OF KEY COVID-19 SAFE START METRICS

Metric	Definition	Current Nov 22-Nov 28	Prior Nov 15-Nov 21	Target
Activity	Cases per 100,000 population during the 14 days ending on the last day of the week (Fig. 1, p. 2)	366	300	<25
	Average daily census of Snohomish County residents hospitalized with COVID-19 for the week (Fig. 9, p. 11)	85	59	--
	New hospitalizations per 100,000 population for the week	10.3	7.2	--
Healthcare System Readiness	Percentage of licensed acute care hospital beds occupied	80%	78%	<80%
	Percentage of licensed acute care hospital beds occupied by COVID-19 cases	11.3%	8.6%	<10%
Testing	Average daily tests per 100,000 population for the week	Data unavailable	Data unavailable	--
	Testing positivity rate for the week (Table 10, p.12)	Data unavailable	Data unavailable	<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	21%	31%	90%
	Percent of contacts reached by phone or in person within 48 hours of receipt of positive lab test report on a case	68%	56%	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)	32	19	≤2
Notes:				

COVID-19 EPIDEMIOLOGIC OVERVIEW

Figure 1: Snohomish County COVID-19 case rates per 100,000, March 1st through November 28th, 2020



Data source: Snohomish Health District COVID-19 database.

**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 22 – NOVEMBER 28, 2020**

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

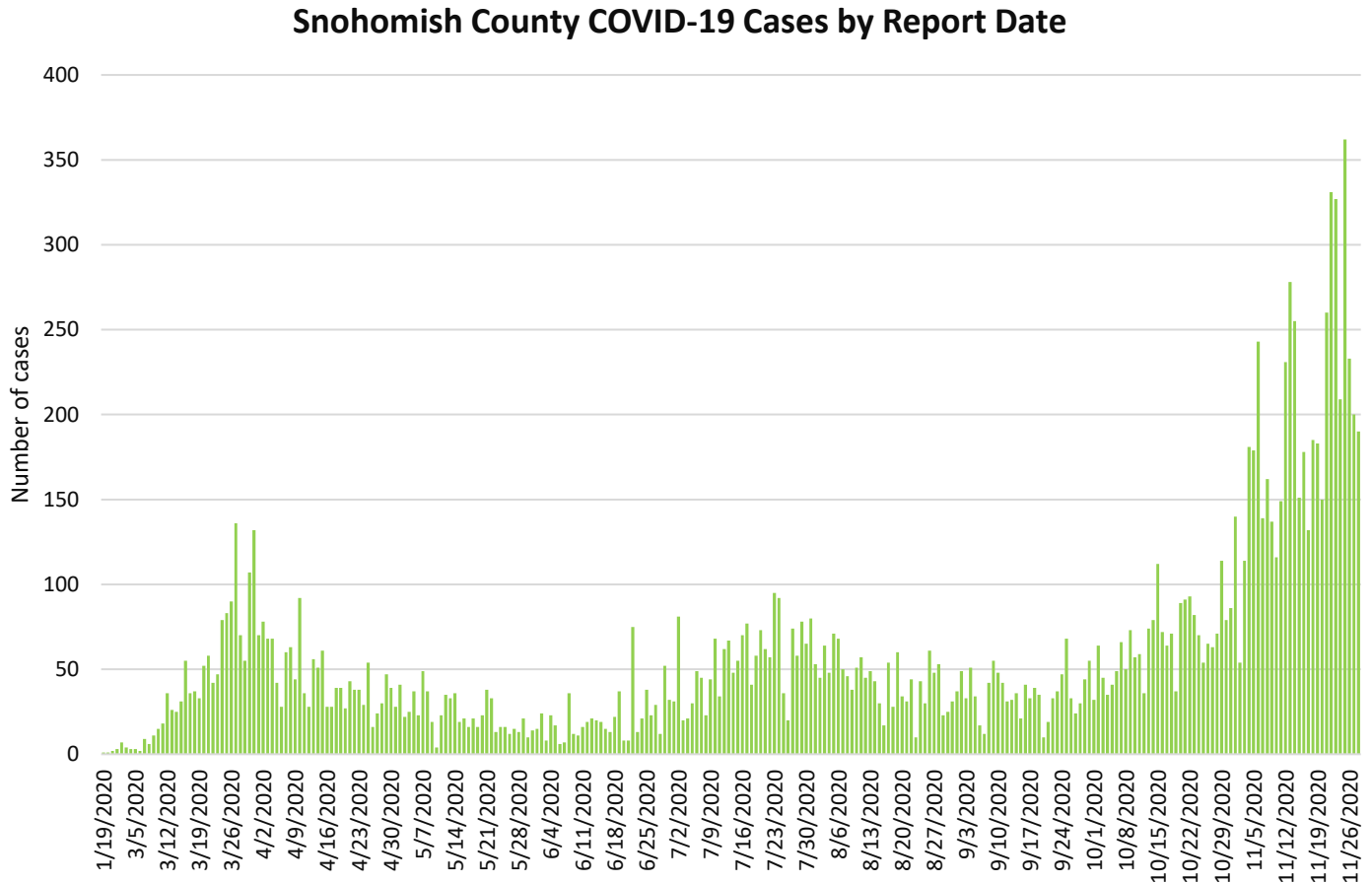
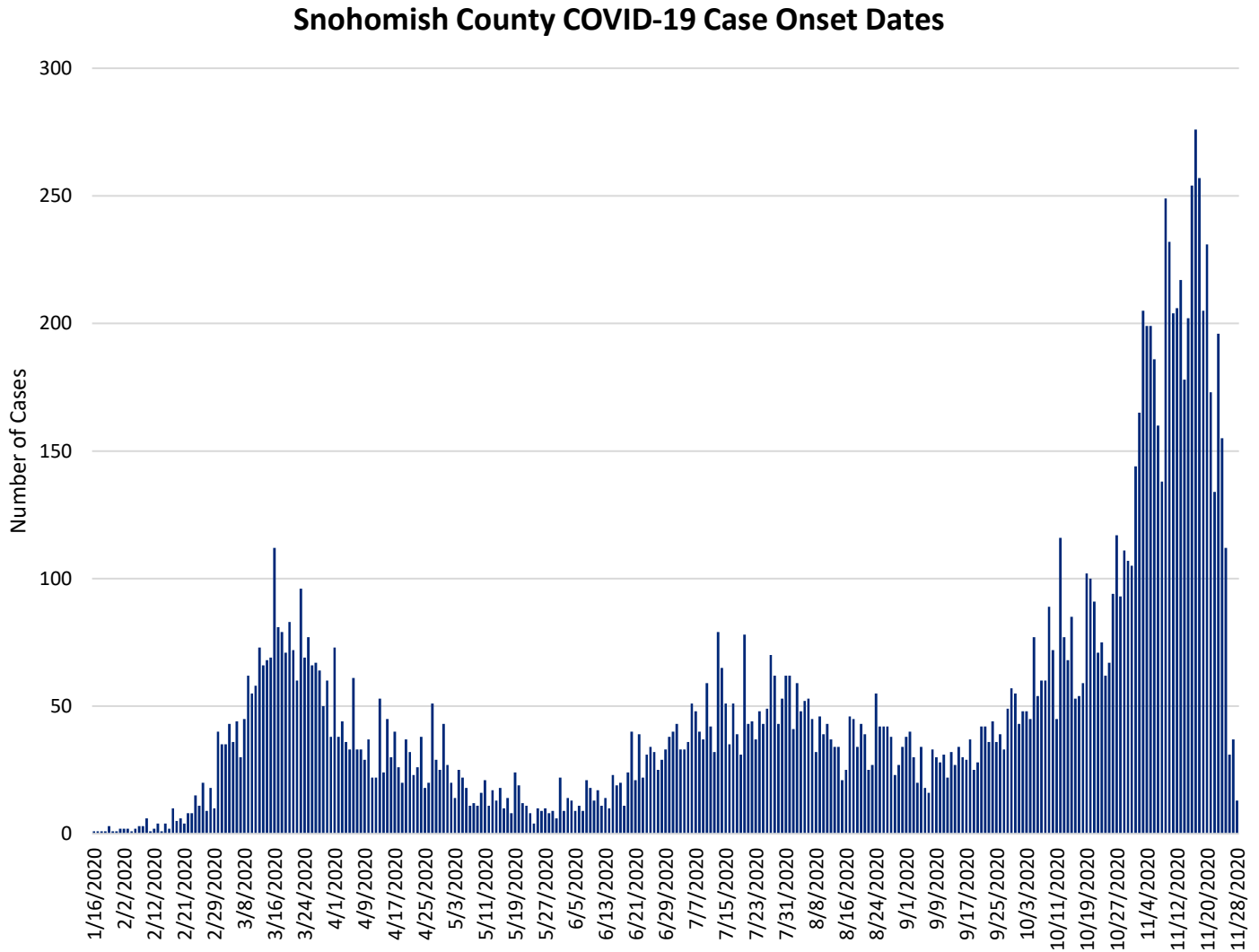


Figure 3: Snohomish County COVID-19 epidemiologic curve



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 22 – NOVEMBER 28, 2020**

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

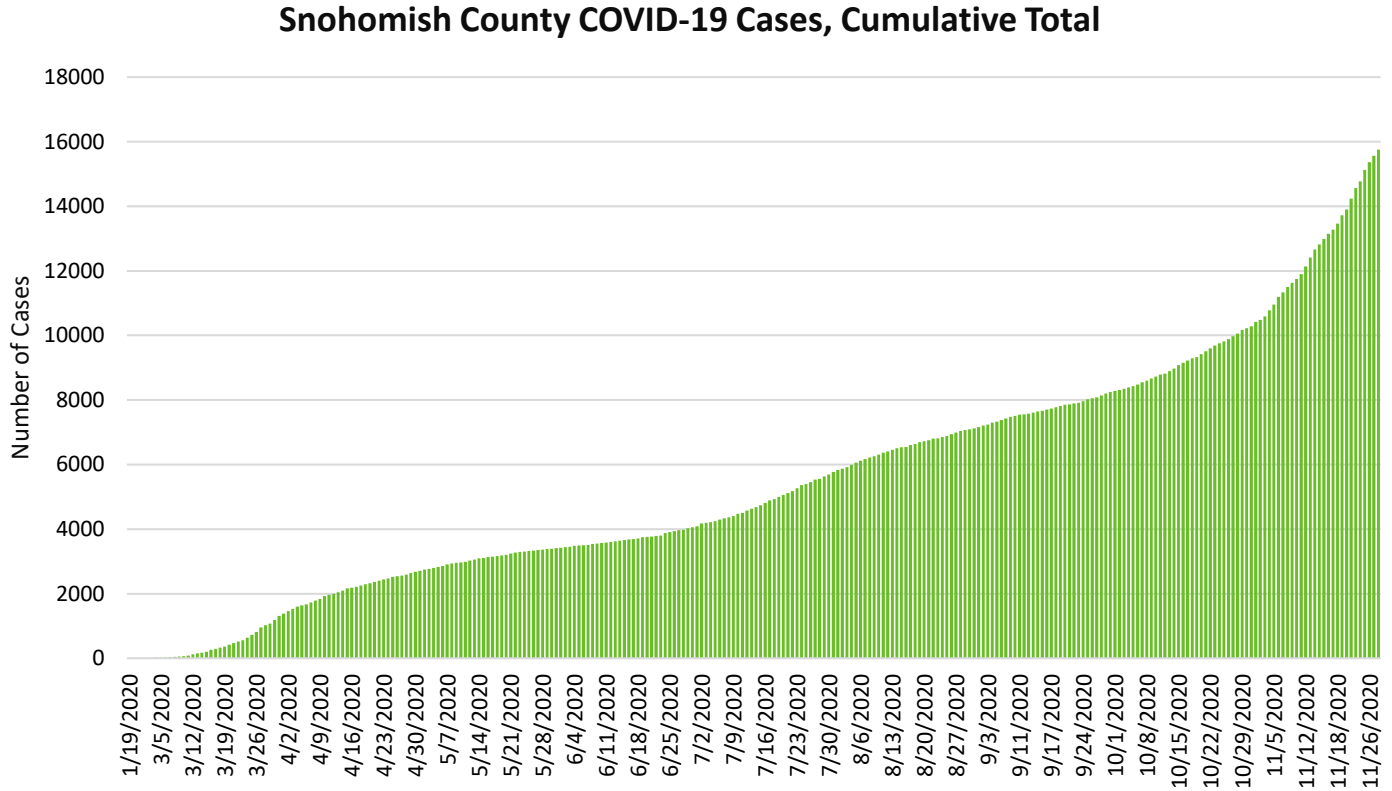


Table 1: Sex at birth of COVID-19 cases in Snohomish County

Sex at birth	Current 2-Week Period 11/15-11/28/2020	Prior 2-Week Period 11/8-11/21/2020	Cumulative 01/20/2020-present
Female	1610	1334	7529
Male	1480	1234	8224
Unknown	1	0	1
Grand Total	3091	2568	15754

**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 22 – NOVEMBER 28, 2020**

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

Age group in years	Current 2-Week Period 11/15-11/28/2020	Prior 2-Week Period 11/8-11/21/2020	Cumulative 01/20/2020-present
0-14	227	213	1234
15-19	219	231	1078
20-29	623	547	3113
30-39	641	519	2894
40-49	501	383	2485
50-59	431	326	2200
60-69	260	186	1415
70-79	99	93	700
80+	89	70	628
Unknown	1	0	7
Grand Total	3091	2568	15754

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

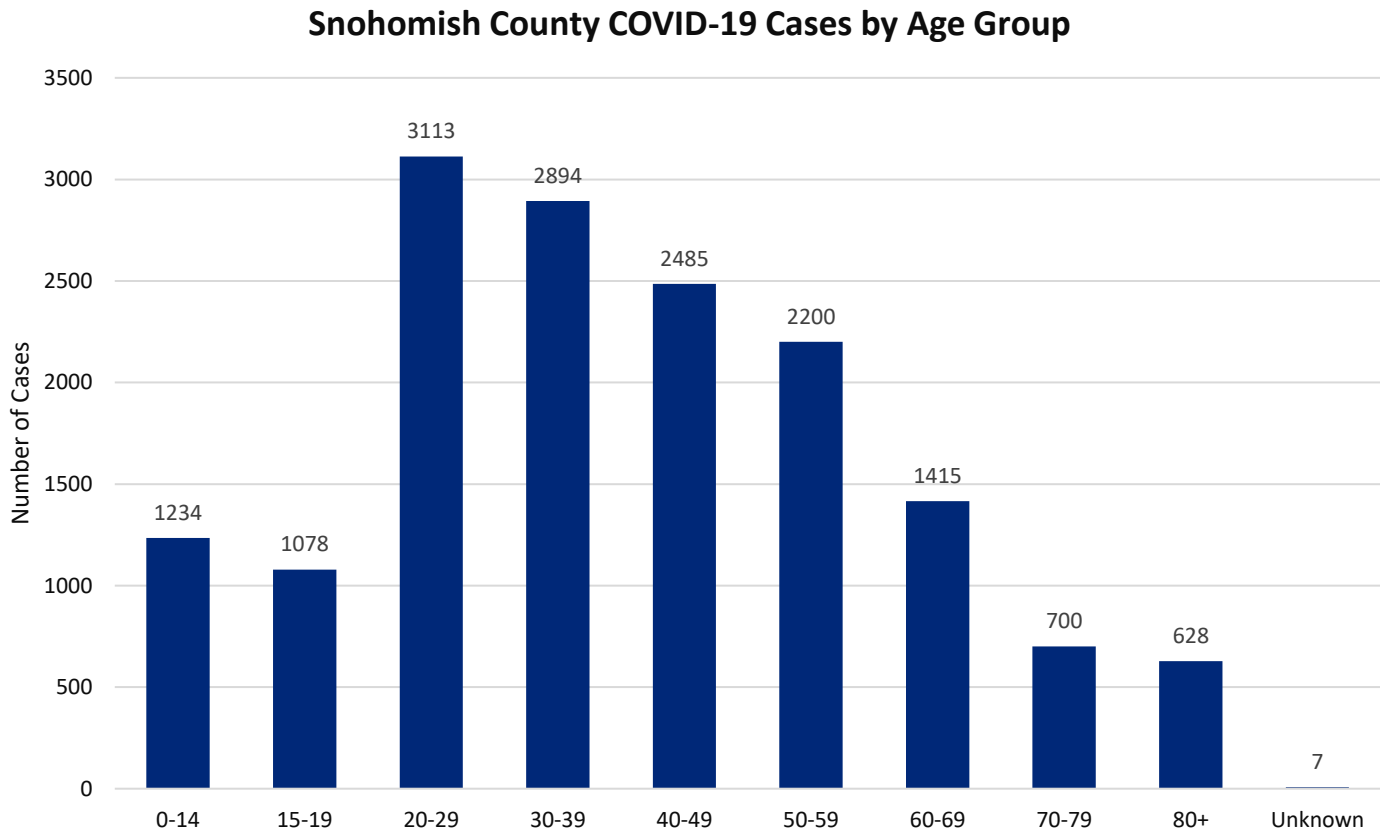
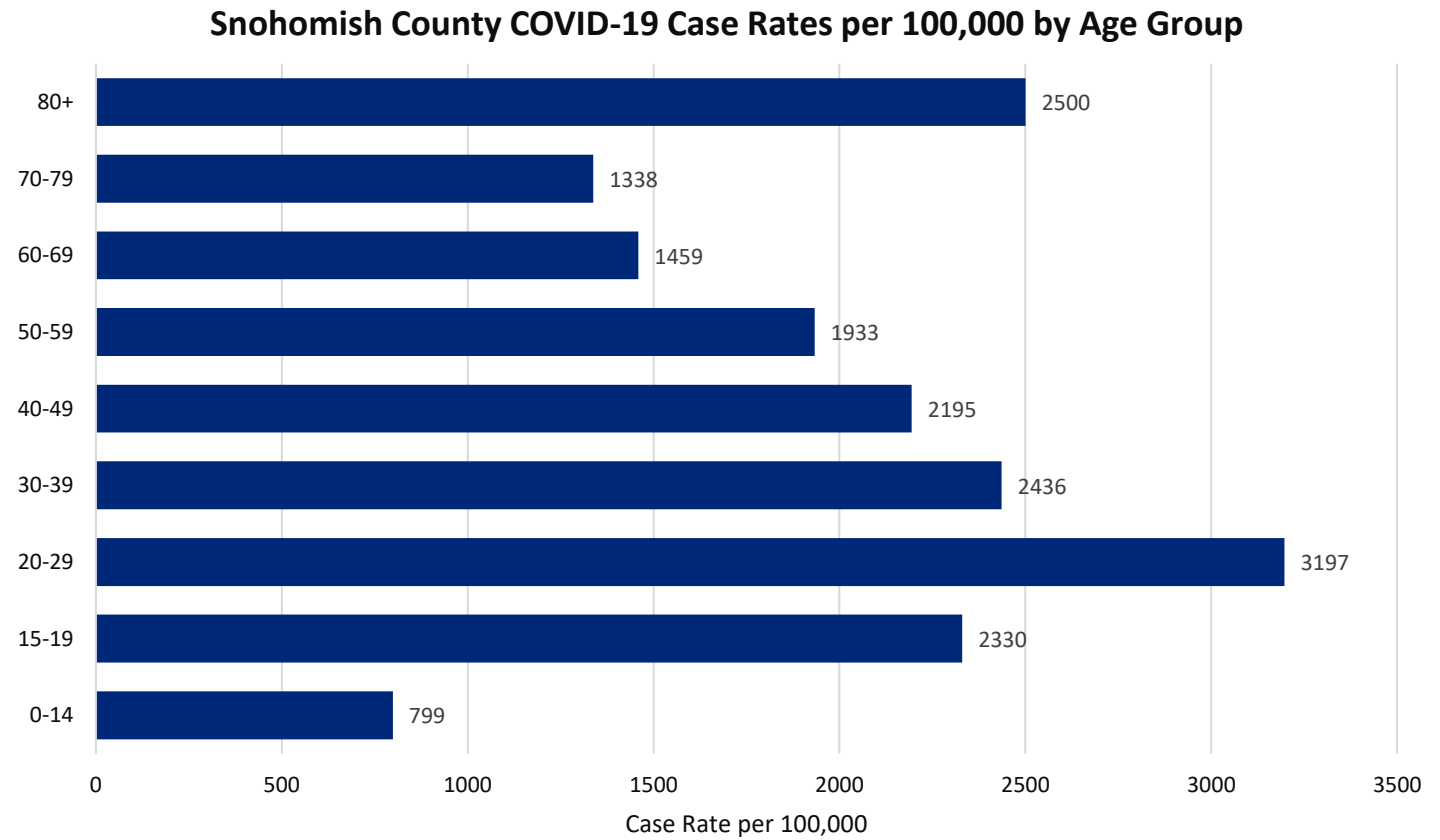
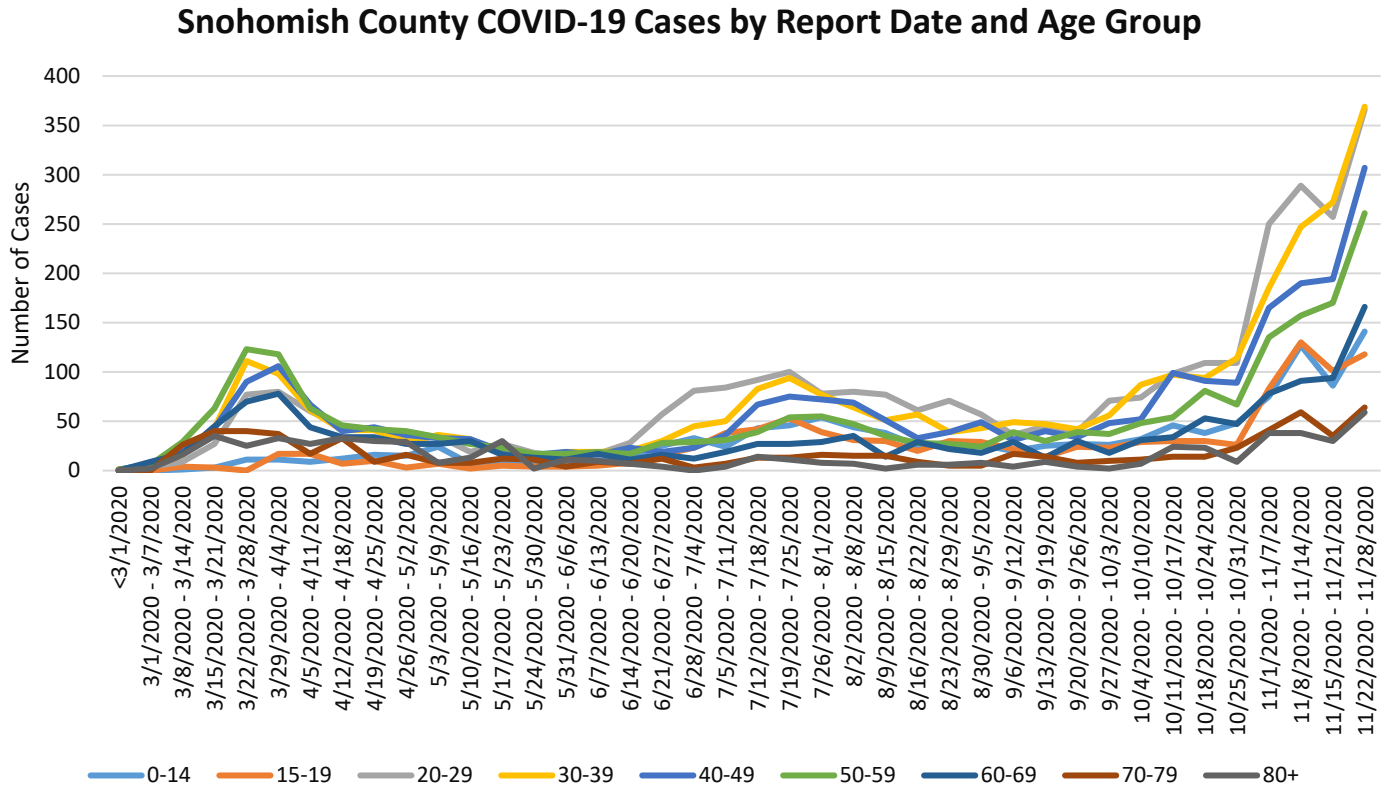


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group



**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 22 – NOVEMBER 28, 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 11/15-11/28/2020	Prior 2-Week Period 11/8-11/21/2020	Cumulative 01/20/2020-present
Close contact	1103	1108	6105
Community acquired	1095	762	5298
Long-term Care Facility Associated	99	120	1123
Healthcare Worker	14	23	459
Travel	<5	5	150
Corrections	0	7	86
Nosocomial	<5	8	42
Unknown	776	535	2491
Grand Total	3091	2568	15754

**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 22 – NOVEMBER 28, 2020**

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

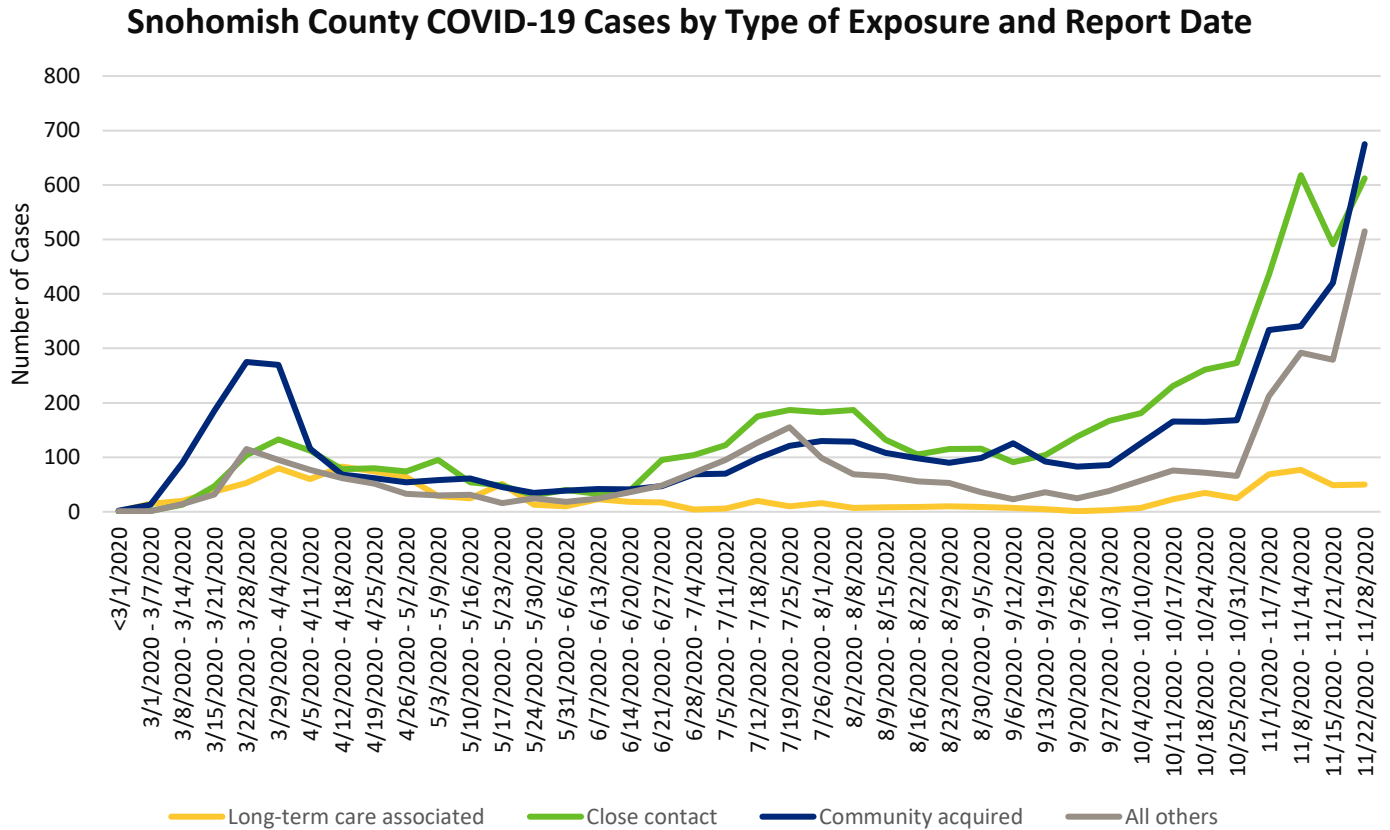


Table 4: Current case status of COVID-19 cases in Snohomish County

Current status	Current 2-Week Period 11/15-11/28/2020	Prior 2-Week Period 11/8-11/21/2020	All cases 01/20/2020-present
Home isolation	2253	1962	3699
Hospitalized	43	34	59
Survived ¹	26	11	10509
Deceased	13	10	294
Unknown	756	551	1193
Grand Total	3091	2568	15754

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

WEEKLY COVID-19 REPORT
 SNOHOMISH HEALTH DISTRICT
 NOVEMBER 22 – NOVEMBER 28, 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 11/15-11/28/2020	Prior 2-Week Period 11/8-11/21/2020	Cumulative 01/20/2020-present
No	2231	1942	12196
Yes	112	82	1047
Unknown	748	544	2511
Grand Total	3091	2568	15754

WEEKLY COVID-19 REPORT
 SNOHOMISH HEALTH DISTRICT
 NOVEMBER 22 – NOVEMBER 28, 2020

Table 7: New Outbreaks Detected 11/22-11/28/2020

Facility name	Facility type	Number of cases
A	Adult family home	<5
B	Adult family home	<5
C	Construction	5
D	Emergency services	<5
E	Food processing	<5
F	Food processing	<5
G	Government	<5
H	Healthcare provider	<5
I	Healthcare provider	<5
J	Leisure/recreation	<5
K	LTCF	<5
L	LTCF	<5
M	LTCF	<5
N	LTCF	<5
O	Manufacturing	<5
P	Manufacturing	<5
Q	Manufacturing	<5
R	Manufacturing	<5
S	Other	<5
T	Restaurant	<5
U	Restaurant	7
V	Restaurant	<5
W	Retail	<5
X	Retail	<5
Y	Retail	<5
Z	Retail	<5
AA	Retail	<5
AB	Retail	<5
AC	School	5
AD	School	<5
AE	Service provider	<5
AF	Shelter	6
Total outbreaks	32	97

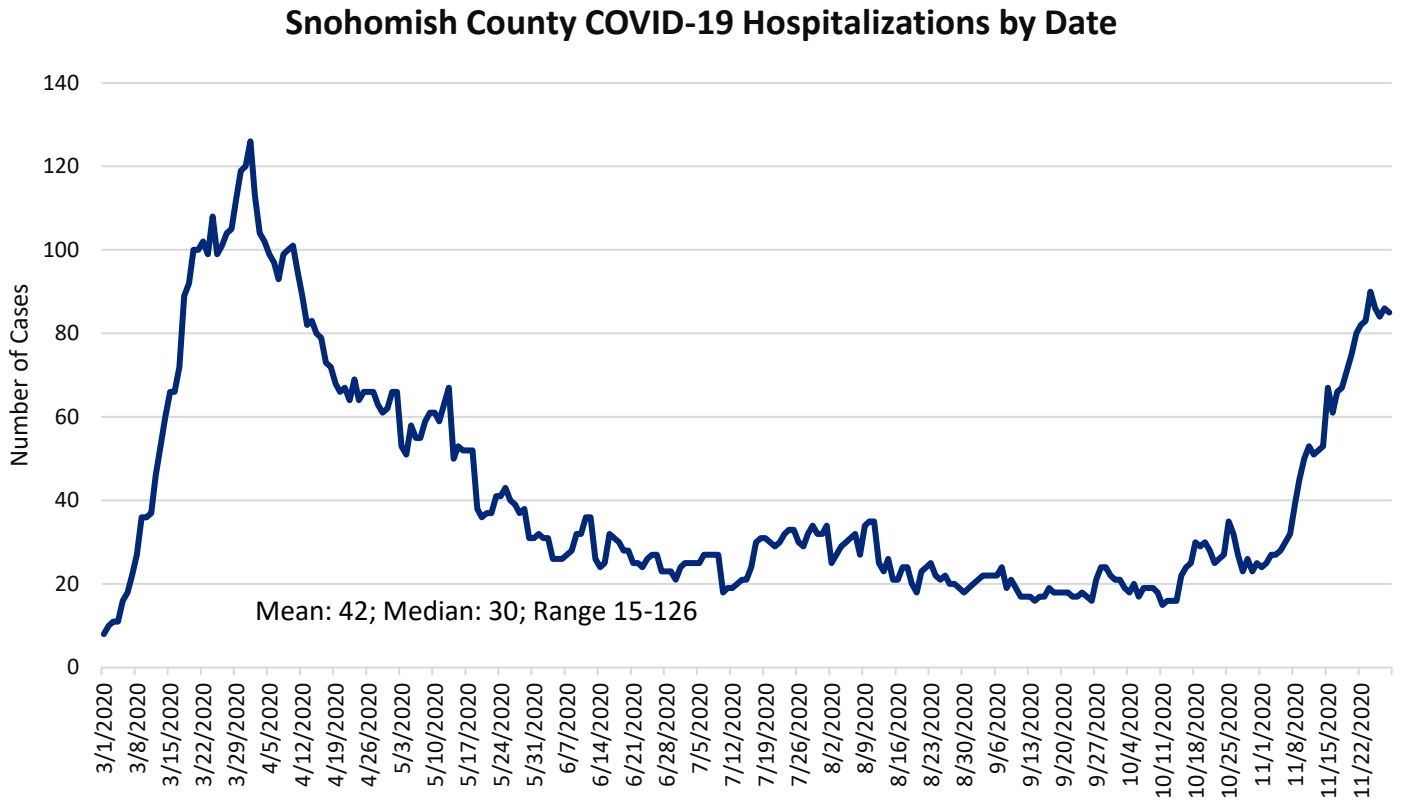
WEEKLY COVID-19 REPORT
 SNOHOMISH HEALTH DISTRICT
 NOVEMBER 22 – NOVEMBER 28, 2020

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

City	Current 2-Week Period 11/15-11/28/2020	Prior 2-Week Period 11/8-11/21/2020	Cumulative 01/20/2020-present
Arlington	141	125	725
Bothell	206	174	1118
Brier	19	13	70
Darrington	6	<5	20
Edmonds	159	132	995
Everett	864	634	4447
Gold Bar	13	10	52
Granite Falls	14	17	106
Lake Stevens	170	152	812
Lynnwood	426	388	2322
Marysville	332	298	1514
Mill Creek	58	51	291
Monroe	93	98	728
Mountlake Terrace	87	53	382
Mukilteo	74	44	291
North Lakewood	0	0	<5
Silvana	<5	<5	<5
Snohomish	204	185	1026
Stanwood	110	113	473
Startup	0	0	<5
Sultan	23	10	101
Tulalip	73	55	191
Woodinville	8	5	50
Woodway	<5	<5	24
Unknown	6	<5	8
Grand Total	3091	2568	15754

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 22 – NOVEMBER 28, 2020**

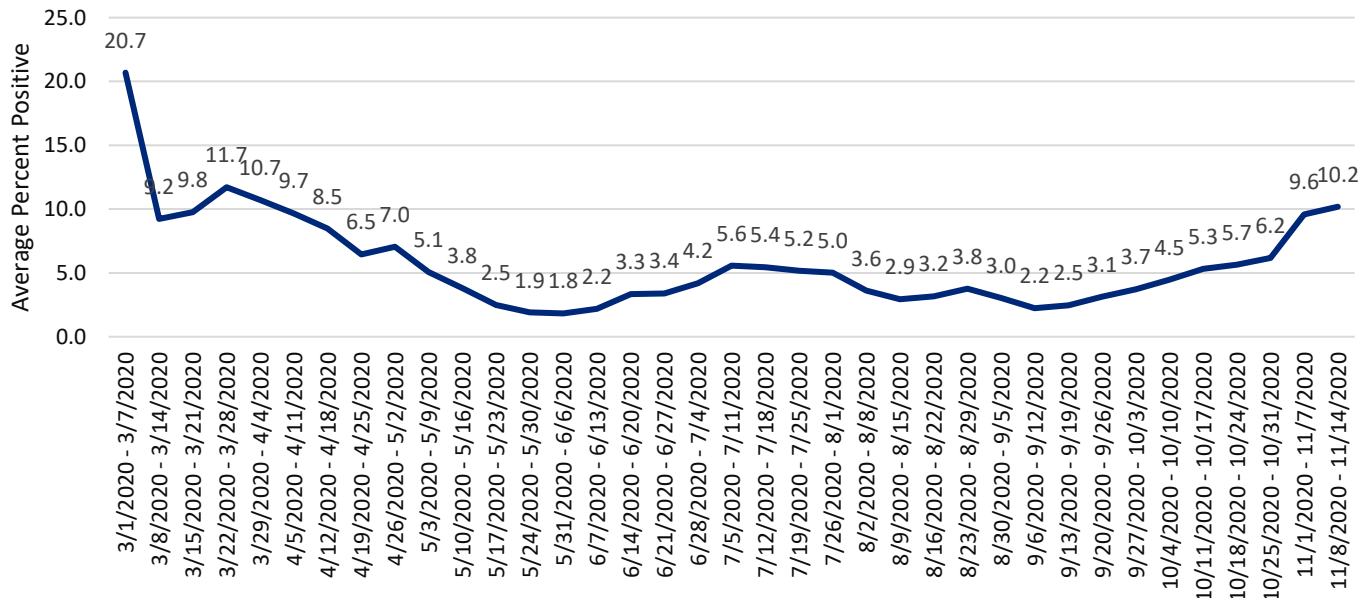
Table 9: Testing activity in Snohomish County through November 14, 2020.

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 unavailable after November 20th, 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



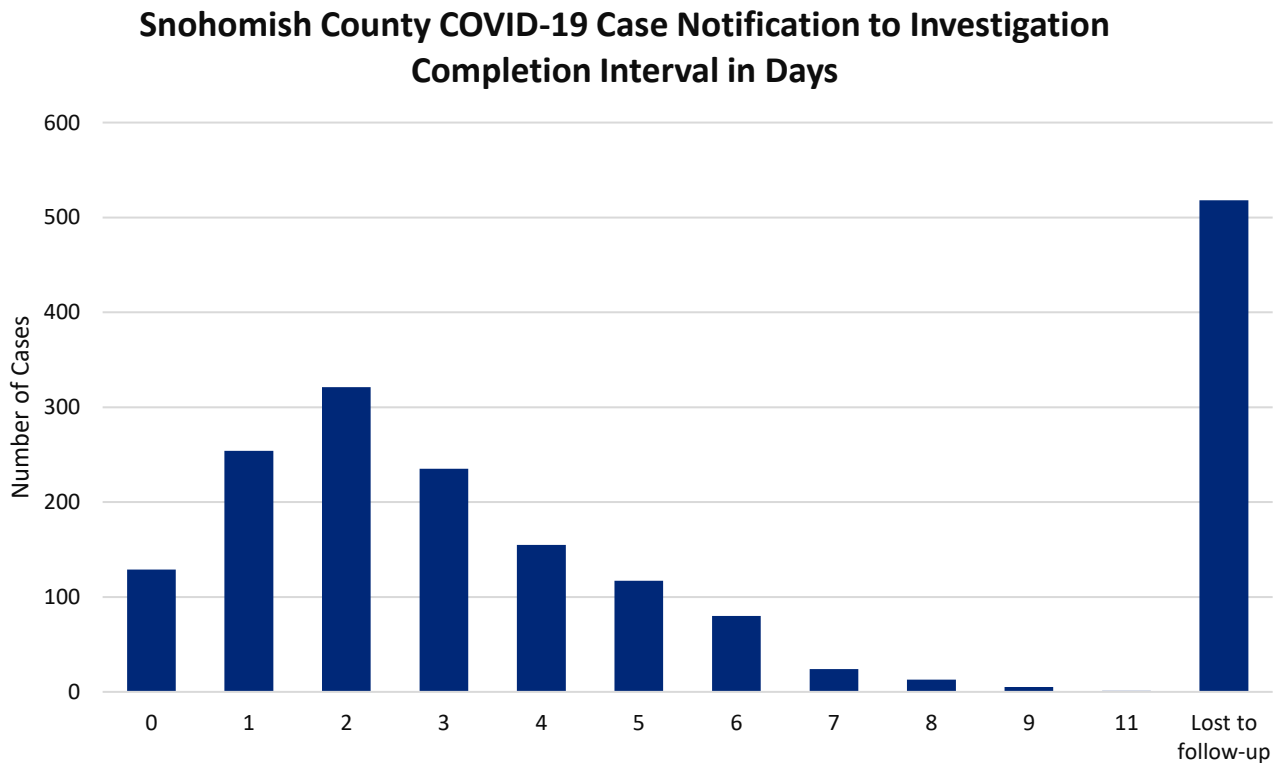
**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 22 – NOVEMBER 28, 2020**

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
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%
11/22-11/28/2020	1852	383	21%	704	38%

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

Figure 11: Case notification to investigation completion interval in days (11/22-11/28/2020)



**WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 22 – NOVEMBER 28, 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
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	858	484	56%
11/22-11/28/2020	611	414	68%

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

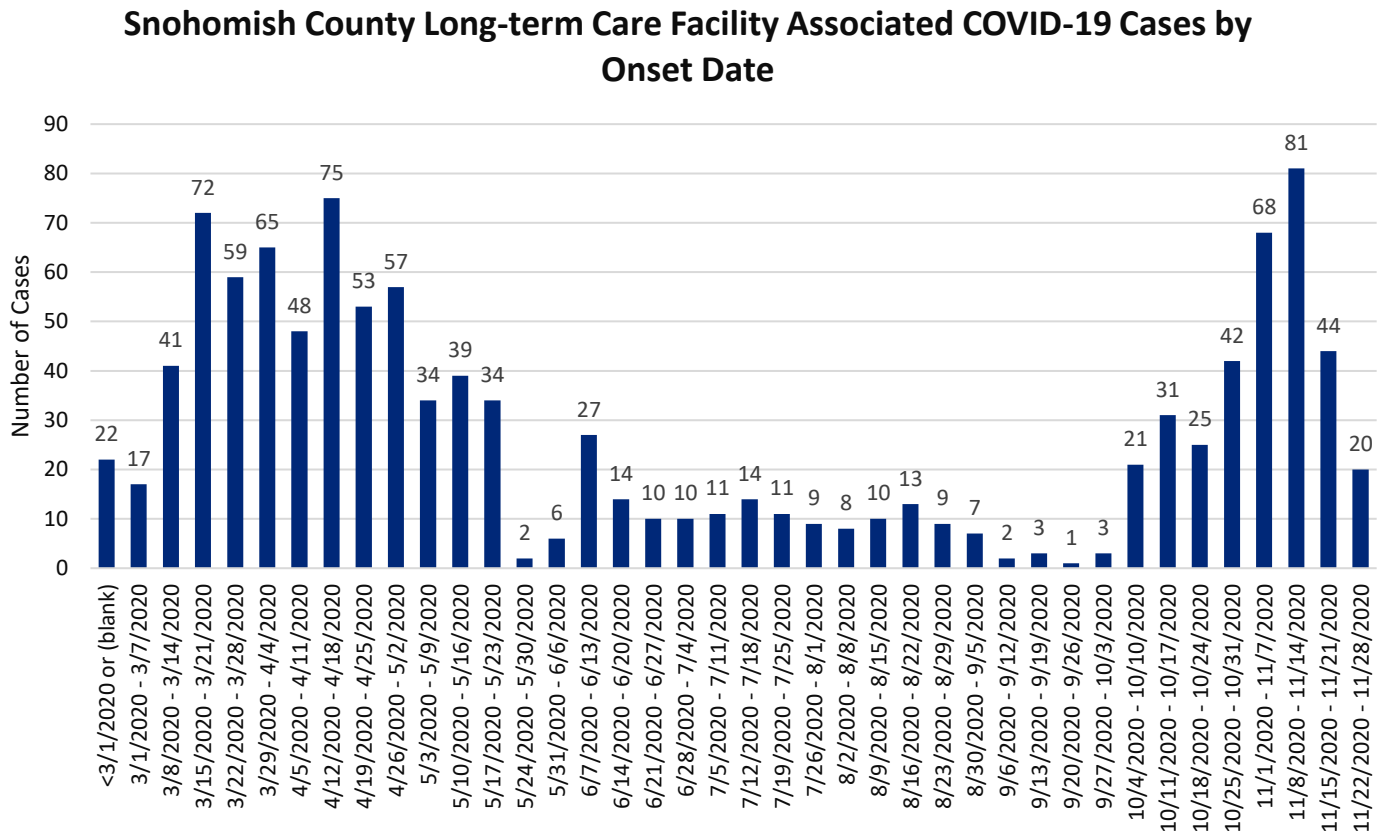


Table 12: Type of LTCF-associated COVID-19 case

Type	Number	Percent
Resident	580	51.6%
Staff	536	47.7%
Visitor	5	0.4%
Other	<5	0.2%
Grand Total	1123	100.0%

WEEKLY COVID-19 REPORT
 SNOHOMISH HEALTH DISTRICT
 NOVEMBER 22 – NOVEMBER 28, 2020

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

Current status	Number	Percent
Survived ¹	778	69.3%
Isolation	152	13.5%
Hospitalized	16	1.4%
Deceased	148	13.2%
Unknown	29	2.6%
Grand Total	1123	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	366 (63.1%)	457 (85.3%)
Yes	194 (33.4%)	29 (5.4%)
Unknown	20 (3.4%)	50 (9.3%)
Grand Total	580	536

WEEKLY COVID-19 REPORT
SNOHOMISH HEALTH DISTRICT
NOVEMBER 22 – NOVEMBER 28, 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	118	14.9%	No
Regency Care Monroe	84	10.6%	No
Sunrise View Everett	79	10.0%	Yes
Rosewood Courte Memory Care	46	5.8%	Yes
Lynnwood Post-Acute Rehab	45	5.7%	Yes
Heritage Court Assisted Living	43	5.4%	Yes
Terrace at Beverly Lake Memory Care	38	4.8%	Yes
Josephine CC	33	4.2%	Yes
Chateau Pacific Assisted Living	33	4.2%	Yes
Bethany at Silver Lake	32	4.1%	No
Mountain View Skilled Nursing Marysville	31	3.9%	Yes
Prestige Post Acute Rehab Edmonds	27	3.4%	Yes
Cedar Creek Memory Care	22	2.8%	Yes
Cascade Valley Senior Living	21	2.7%	Yes
Pacifica Senior Living Lynnwood	16	2.0%	Yes
Gencare Scriber Gardens	13	1.6%	Yes
Everett Center LTCF	12	1.5%	No
Bethany at Pacific	12	1.5%	Yes
BW Heavenly Adult Family Home	9	1.1%	Yes
Quilceda Creek Adult Family Home #1	8	1.0%	Yes
Terrace at Beverly Lake Memory Care #2	8	1.0%	Yes
Premier Adult Family Home Everett	7	0.9%	Yes
Bothell Health Care	7	0.9%	Yes
Bethany at Pacific #2	6	0.8%	No
Homecomings II AFH Bothell	6	0.8%	Yes
Sunrise of Edmonds	6	0.8%	Yes
Acacia Senior Home II	6	0.8%	Yes
Marysville Care Center	6	0.8%	No
Harbour Pointe Senior Living	6	0.8%	Yes
Anest Adult Family Home	5	0.6%	Yes
Mountlake Terrace Plaza	5	0.6%	Yes
Grand Total	790	100.0%	

COVID-19 DEATHS

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

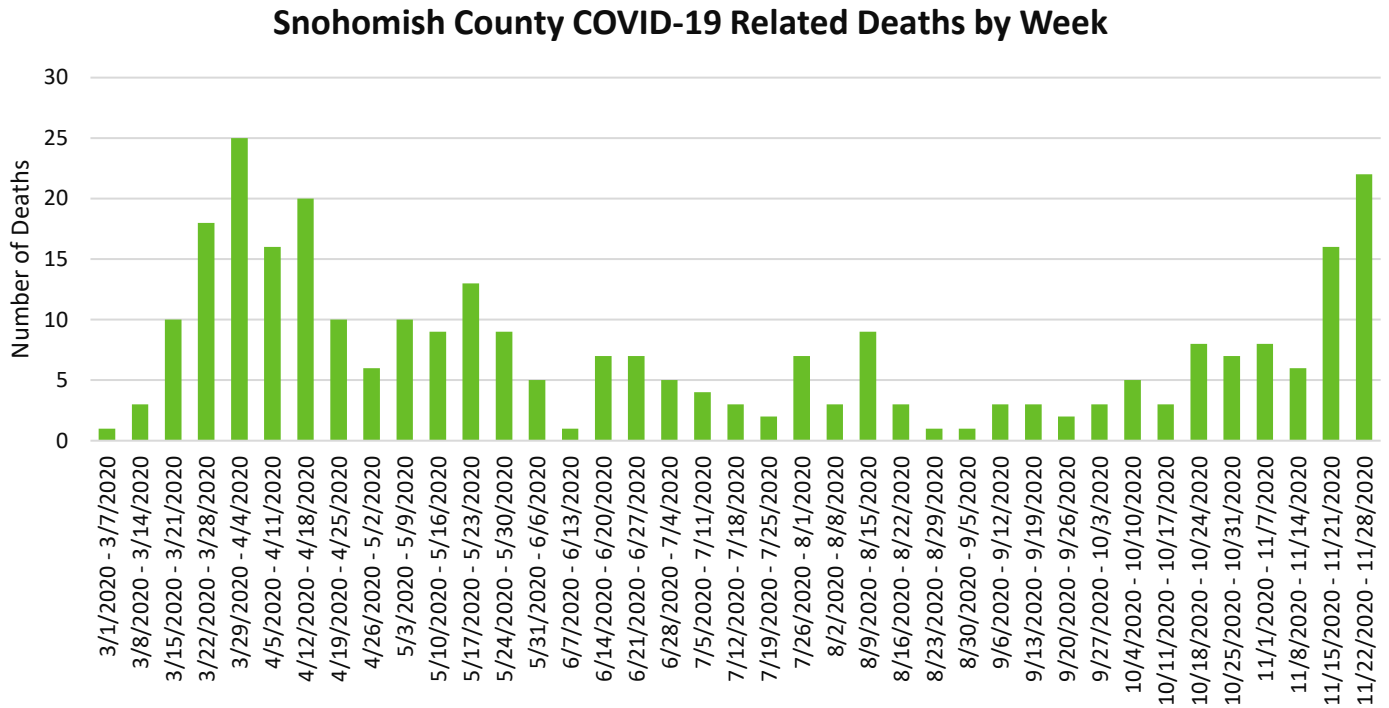


Table 16: Gender of COVID-19 related deaths in Snohomish County

Gender	Number	Percent
Female	154	52.4%
Male	140	47.6%
Grand Total	294	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	0.3%	Not calculated <5	<0.1%
40-49	14	4.8%	12.4	0.6%
50-59	18	6.1%	15.8	0.8%
60-69	33	11.2%	34.0	2.3%
70-79	81	27.6%	154.8	11.6%
80+	145	49.3%	577.3	23.1%
Grand Total	294	100.0%	35.4	1.9%

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

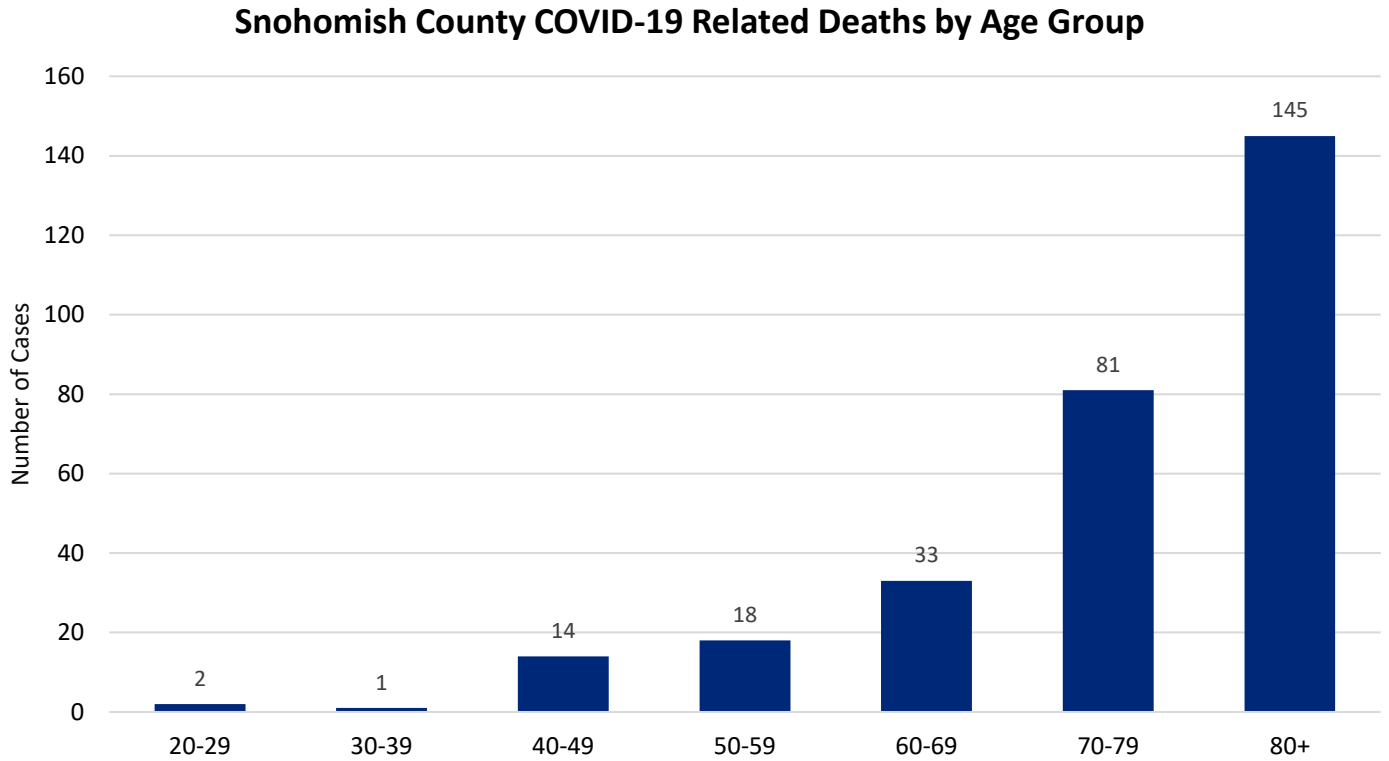


Table 18: Underlying health conditions of COVID-19 related deaths in Snohomish County

Underlying health condition	Number	Percent
Yes	276	93.9%
No	12	4.1%
Unknown	6	2.0%
Grand Total	294	100.0%

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

Ever hospitalized	Number	Percent
Yes	212	72.1%
No	79	26.9%
Unknown	3	1.0%
Grand Total	294	100.0%

WEEKLY COVID-19 REPORT
 SNOHOMISH HEALTH DISTRICT
 NOVEMBER 22 – NOVEMBER 28, 2020

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

Type of exposure	Number	Percent
Long term care associated	148	50.3%
Community acquired	92	31.3%
Close contact	25	8.5%
Nosocomial	2	0.7%
Travel	12	4.1%
Unknown	15	5.1%
Grand Total	294	100.0%

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

City	Number	Percent
Arlington	10	3.4%
Bothell	16	5.4%
Darrington	1	0.3%
Edmonds	35	11.9%
Everett	102	34.7%
Lake Stevens	6	2.0%
Lynnwood	34	11.6%
Marysville	25	8.5%
Mill Creek	6	2.0%
Monroe	15	5.1%
Mountlake Terrace	5	1.7%
Mukilteo	2	0.7%
Snohomish	5	1.7%
Stanwood	26	8.8%
Sultan	1	0.3%
Tulalip	3	1.0%
Woodinville	2	0.7%
Grand Total	294	100.0%