

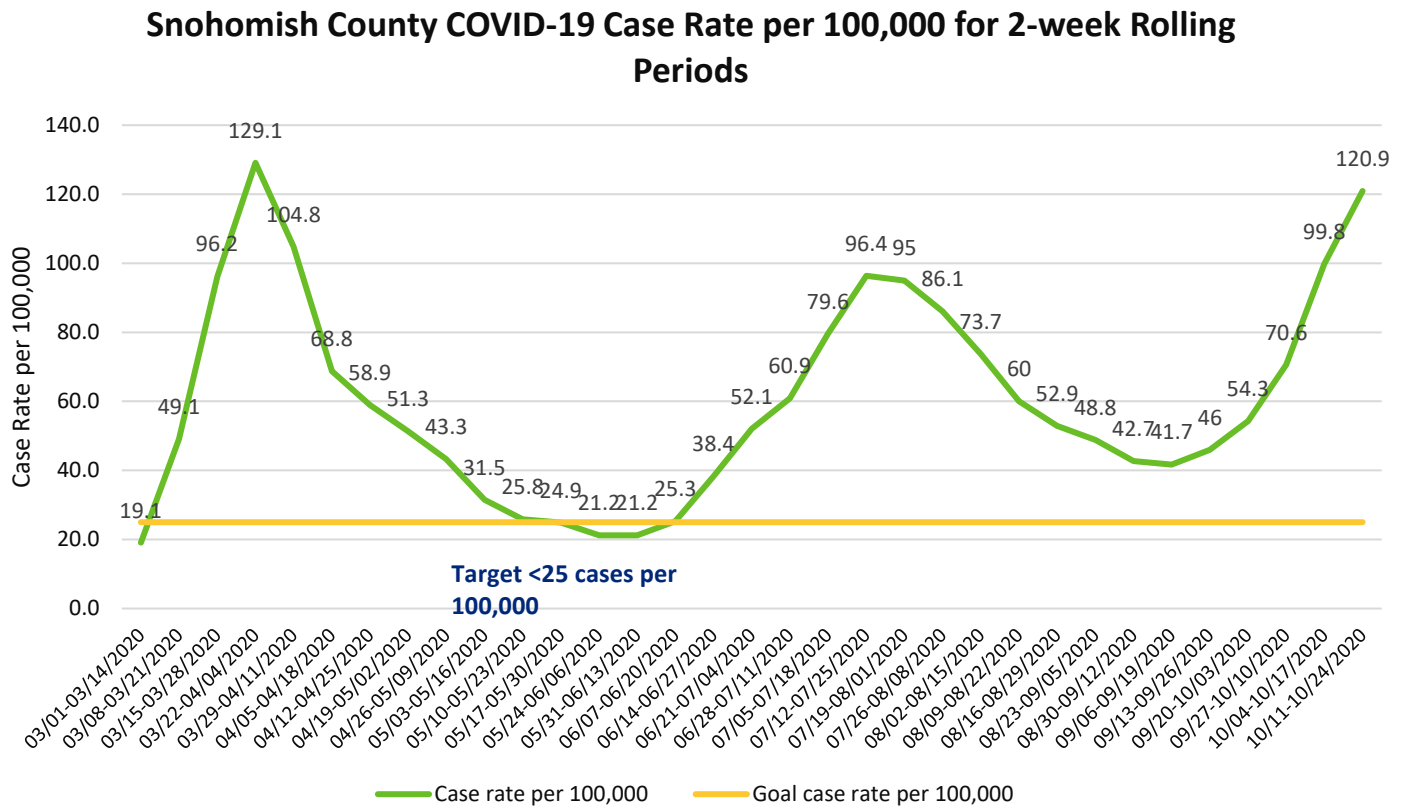
**SNOHOMISH HEALTH DISTRICT
WEEKLY COVID-19 REPORT
OCTOBER 18 – OCTOBER 24, 2020**

SUMMARY OF KEY COVID-19 SAFE START METRICS

Metric	Definition	Current Oct 18–Oct 24	Prior Oct 11–Oct 17	Target
Activity	Cases per 100,000 population during the 14 days ending on the last day of the week (Fig. 1, p. 2)	120.9	99.8	<25
	Average daily census of Snohomish County residents hospitalized with COVID-19 for the week (Fig. 9, p. 11)	27.8	19.1	--
	New hospitalizations per 100,000 population for the week	3.4	2.3	--
Healthcare System Readiness	Percentage of licensed acute care hospital beds occupied	83%	81%	<80%
	Percentage of licensed acute care hospital beds occupied by COVID-19 cases	4.7%	3.3%	<10%
Testing	Average daily tests per 100,000 population for the week	163	140	--
	Testing positivity rate for the week (Table 10, p.12)	5.6%	5.8%	<2%
	Median time from symptom onset to specimen collection among cases for the week	2 days	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	73%	70%	90%
	Percent of contacts reached by phone or in person within 48 hours of receipt of positive lab test report on a case	75%	71%	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)	10	12	≤2
Notes:				

COVID-19 EPIDEMIOLOGIC OVERVIEW

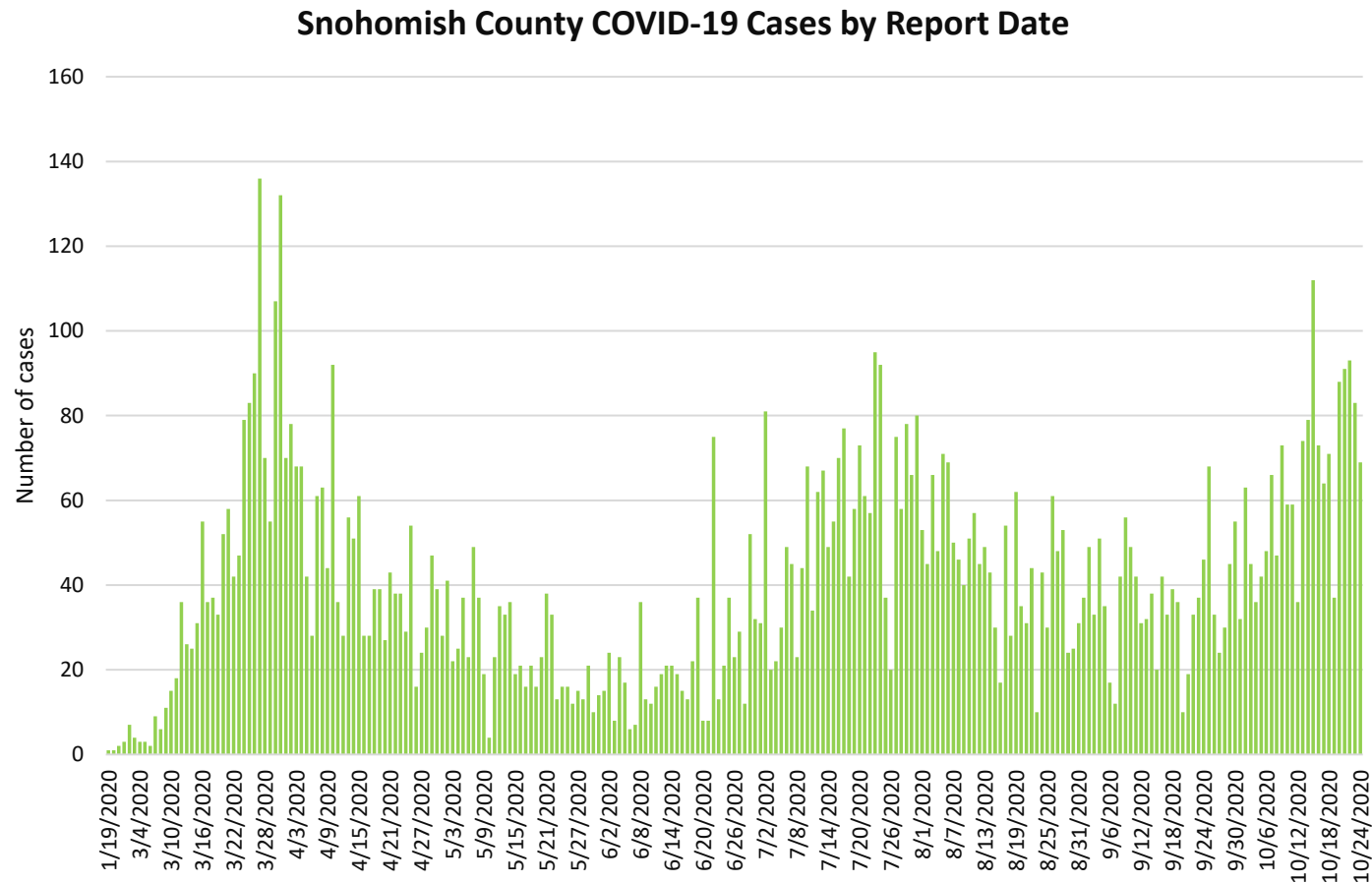
Figure 1: Snohomish County COVID-19 case rates per 100,000, March 1st through October 24th, 2020



Data source: Snohomish Health District COVID-19 database.

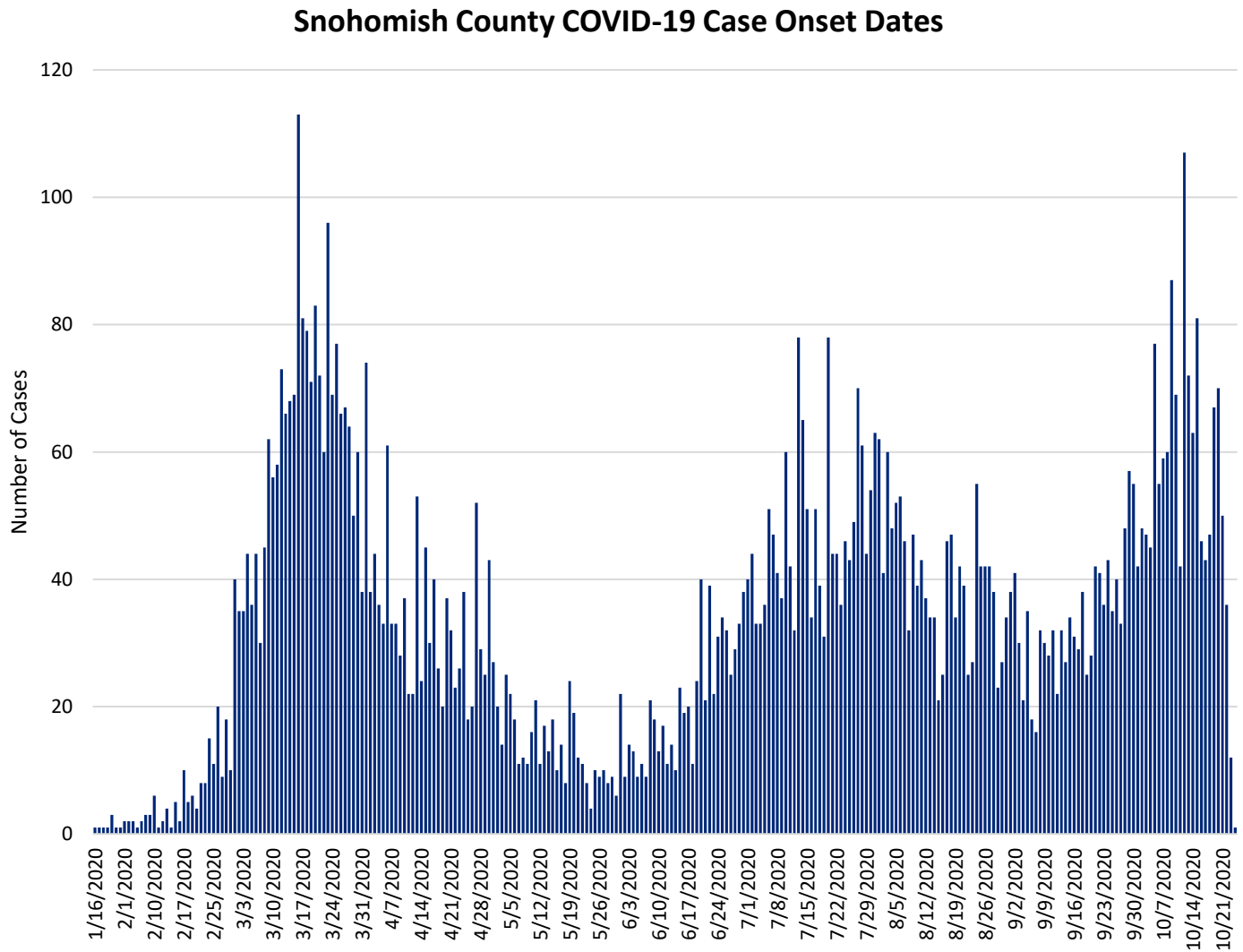
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Figure 2: Number of Snohomish County COVID-19 cases by date of report



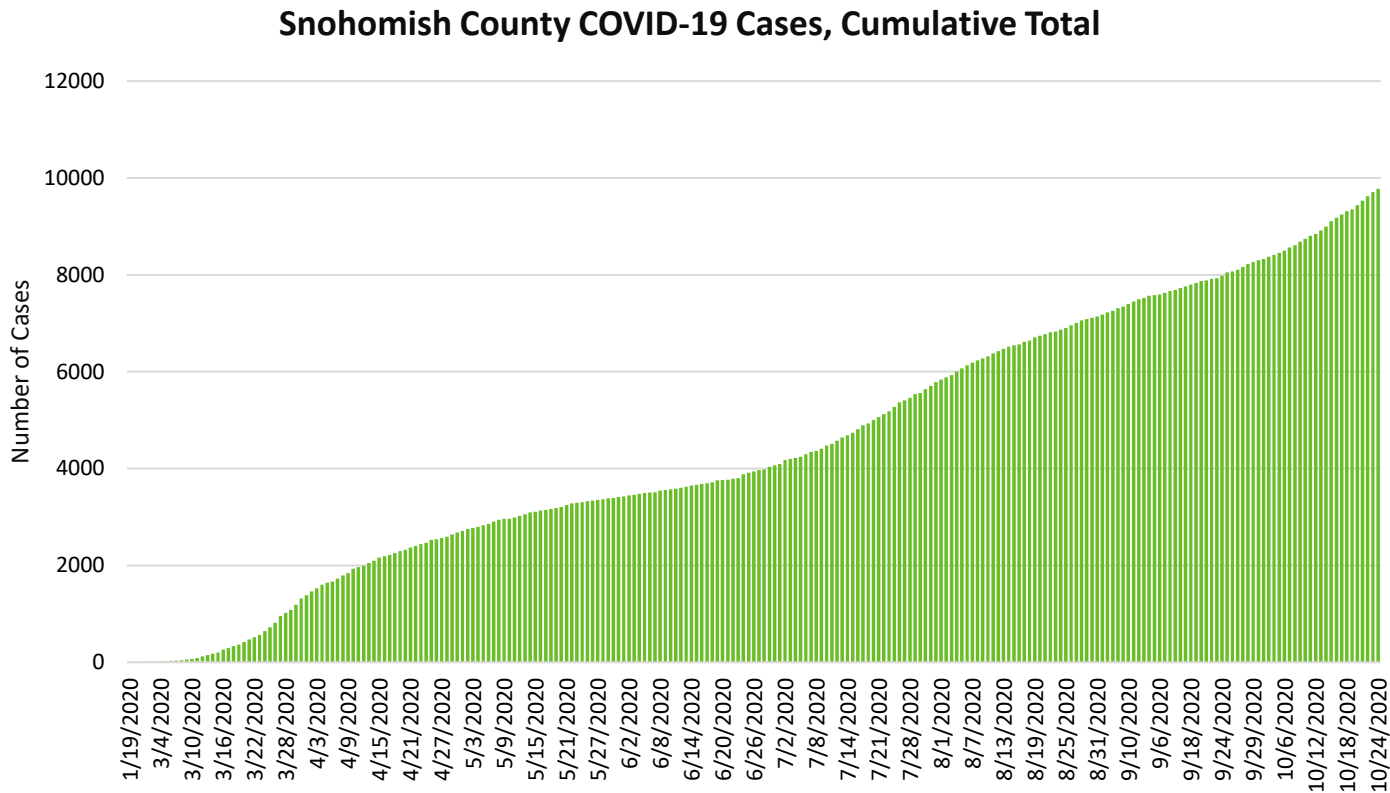
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Figure 3: Snohomish County COVID-19 epidemiologic curve



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.

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



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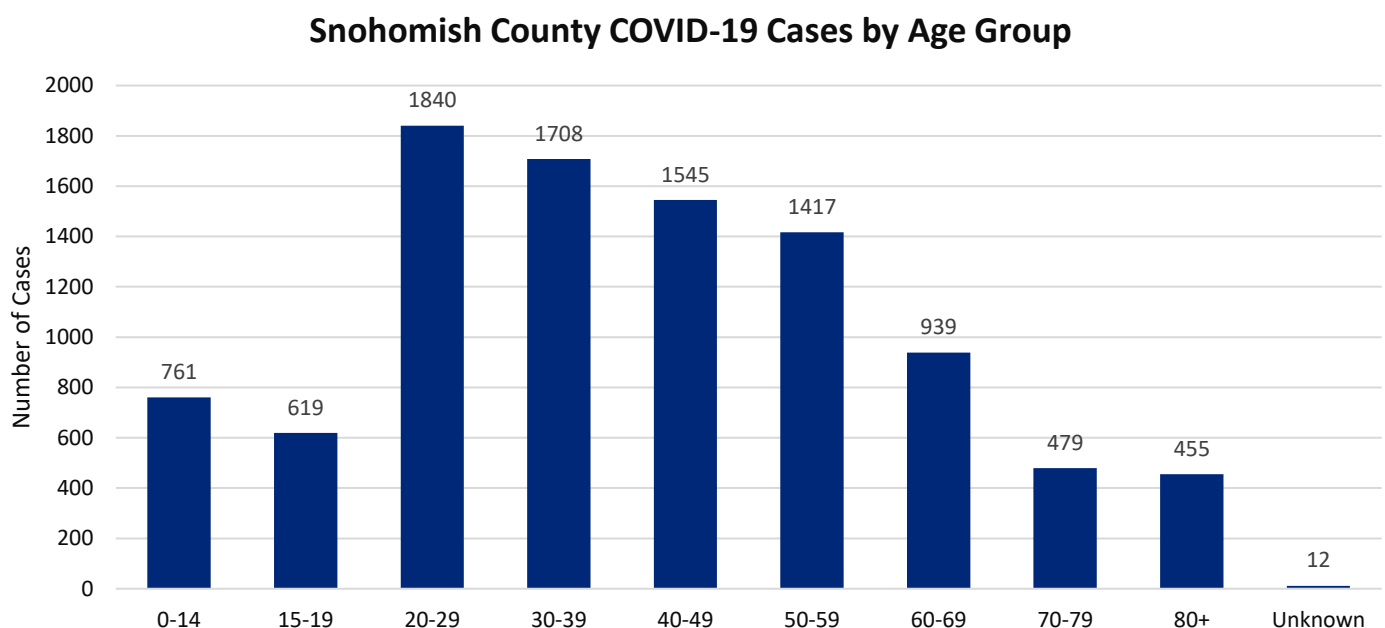
Table 1: Sex at birth of COVID-19 cases in Snohomish County

Sex at birth	Current 2-Week Period 10/11-10/24/2020	Prior 2-Week Period 10/04-10/17/2020	Cumulative 01/20/2020-present
Female	523	433	5138
Male	508	436	4637
Grand Total	1031	869	9775

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

Age group in years	Current 2-Week Period 10/11-10/24/2020	Prior 2-Week Period 10/04-10/17/2020	Cumulative 01/20/2020-present
0-14	84	78	761
15-19	60	59	619
20-29	207	172	1840
30-39	191	183	1708
40-49	190	154	1545
50-59	137	101	1417
60-69	87	66	940
70-79	28	23	478
80+	47	33	455
Unknown	0	0	12
Grand Total	1031	869	9775

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



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

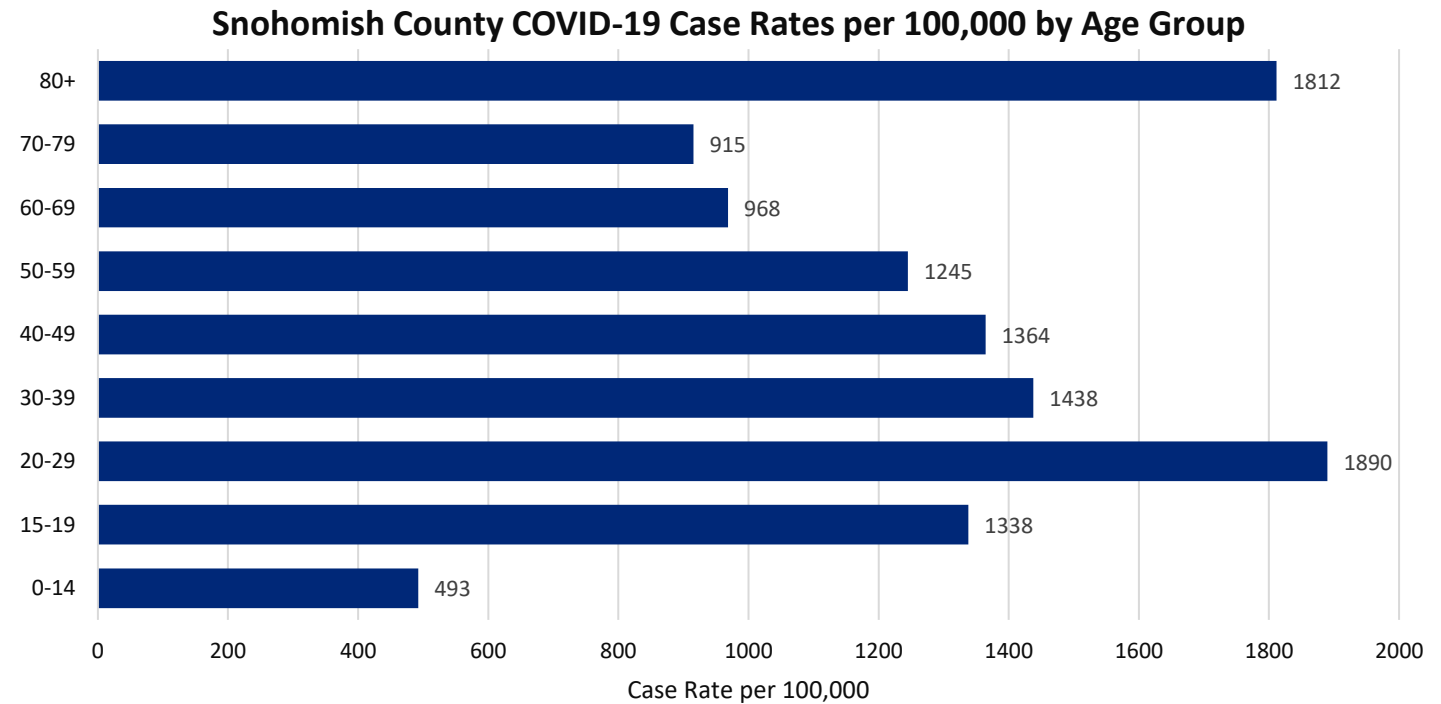
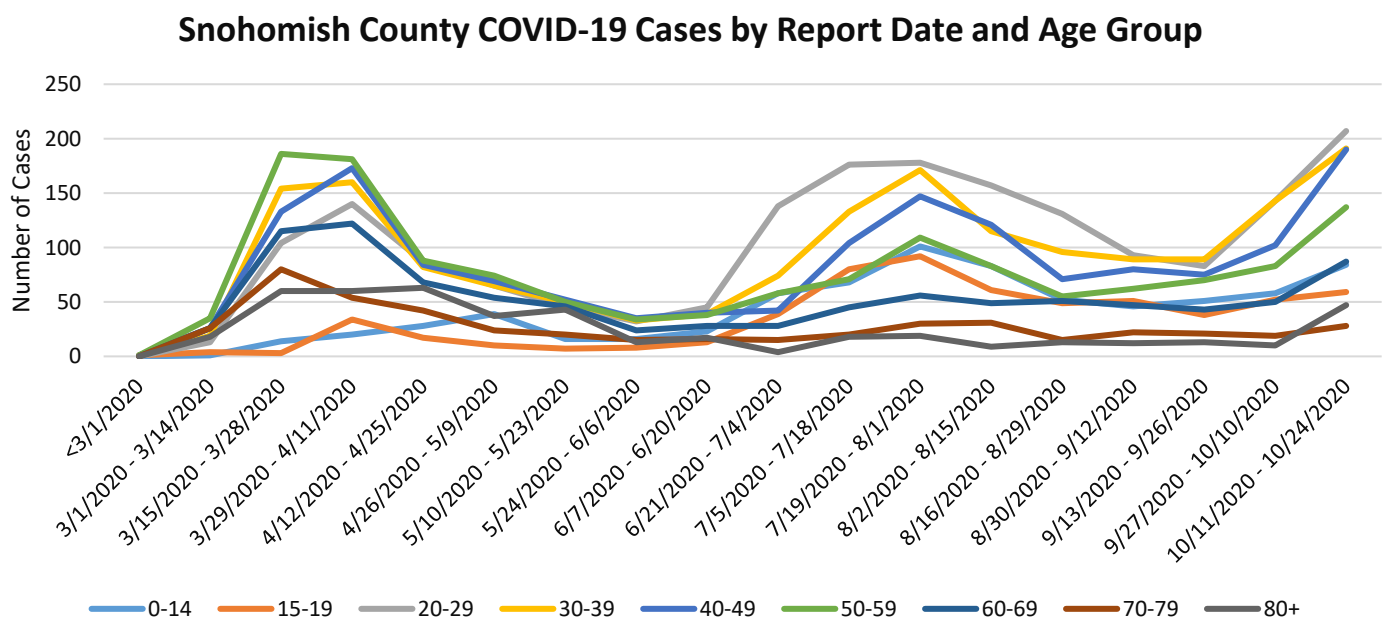


Figure 7: Number of COVID-19 cases by report date and age group



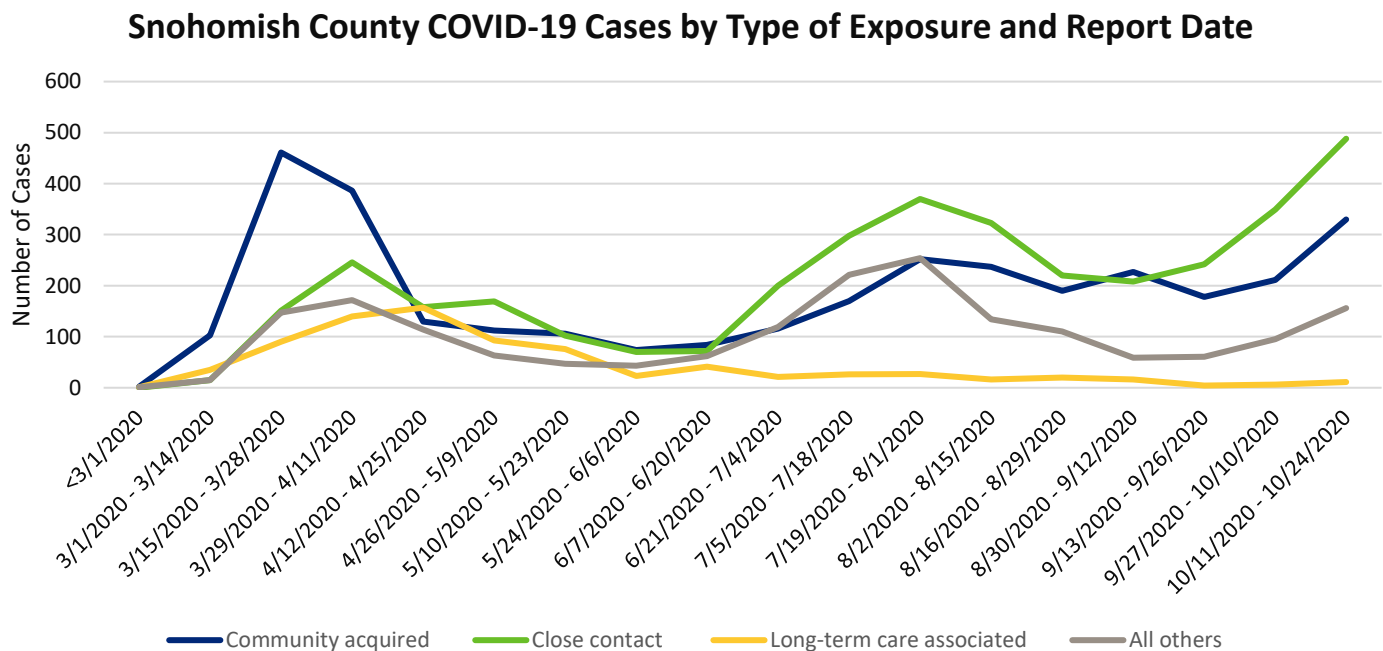
*Notes: 1. This graph will be updated every 2 weeks for completeness of data points. 2. As time intervals on the x-axis are shown in sequential two-week periods, findings here may lag behind changes noted in Table 2 above.

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

Type of exposure	Current 2-Week Period 10/11-10/24/2020	Prior 2-Week Period 10/04-10/17/2020	Cumulative 01/20/2020-present
Community acquired	330	292	3368
Close contact	488	413	3681
Long-term Care Facility Associated	57	29	854
Healthcare Worker	19	22	398
Travel	<5	<5	132
Corrections	<5	<5	76
Nosocomial	<5	<5	34
Unknown	129	106	1232
Grand Total	1031	869	9775

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 10/11-10/24/2020	Prior 2-Week Period 10/04-10/17/2020	All cases 01/20/2020-present
Home isolation	882	755	1314
Hospitalized	20	13	27
Survived ¹	<5	5	8018
Deceased	7	6	240
Unknown	118	90	176
Grand Total	1031	869	9775
¹ No 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
Grand Total	681 (11.4%)	5,277 (88.6%)	5,958

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 10/11-10/24/2020	Prior 2-Week Period 10/04-10/17/2020	Cumulative 01/20/2020-present
No	870	742	7705
Yes	41	36	819
Unknown	120	91	1251
Grand Total	1031	869	9775

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Table 7: New Outbreaks Detected 10/18-10/24/2020

Facility name	Facility type	Number of cases
Facility A	Restaurant	6
Facility B	Manufacturing	<5
Facility C	Landscaping	<5
Facility D	Construction	<5
Facility E	Construction	<5
Facility F	Healthcare provider	<5
Facility G	Childcare	<5
Facility H	Childcare	<5
Facility I	Real estate	<5
Facility J	Service provider	<5
Total outbreaks	10	29

Data source: Snohomish Health District COVID-19 database.

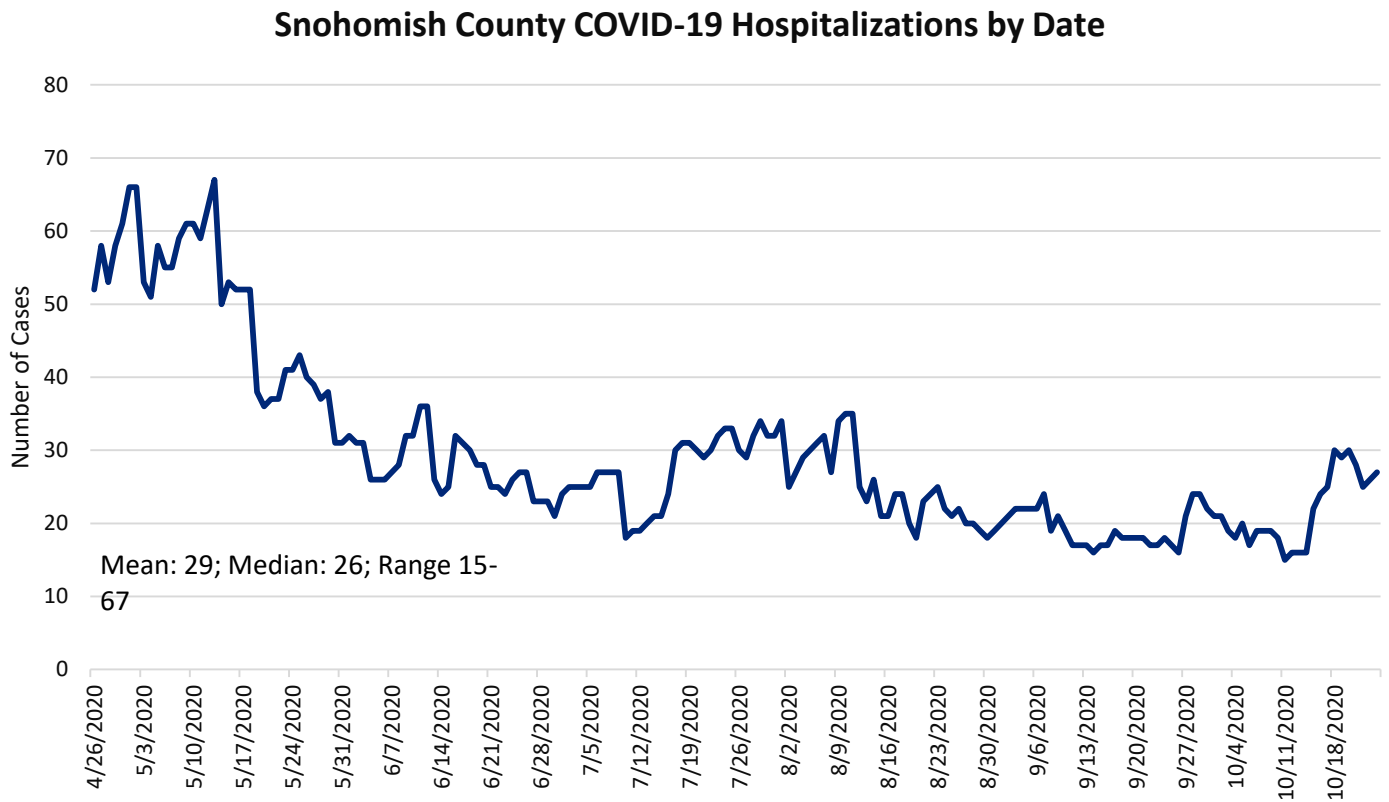
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Table 8: City of residence of COVID-19 cases in Snohomish County

City	Current 2-Week Period 10/11-10/24/2020	Prior 2-Week Period 10/04-10/17/2020	Cumulative 01/20/2020-present
Arlington	47	31	421
Bothell	75	76	718
Brier	<5	<5	40
Darrington	<5	<5	12
Edmonds	45	33	692
Everett	324	268	2837
Gold Bar	8	10	31
Granite Falls	5	8	66
Lake Stevens	46	41	466
Lynnwood	115	91	1452
Marysville	97	87	884
Mill Creek	28	25	173
Monroe	85	64	490
Mountlake Terrace	16	15	232
Mukilteo	25	24	175
North Lakewood	0	0	<5
Silvana	0	0	<5
Snohomish	52	41	631
Stanwood	26	16	242
Startup	0	0	<5
Sultan	6	15	62
Tulalip	22	10	88
Woodinville	<5	<5	33
Woodway	<5	<5	18
Unknown	0	<5	6
Grand Total	1031	869	9775

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

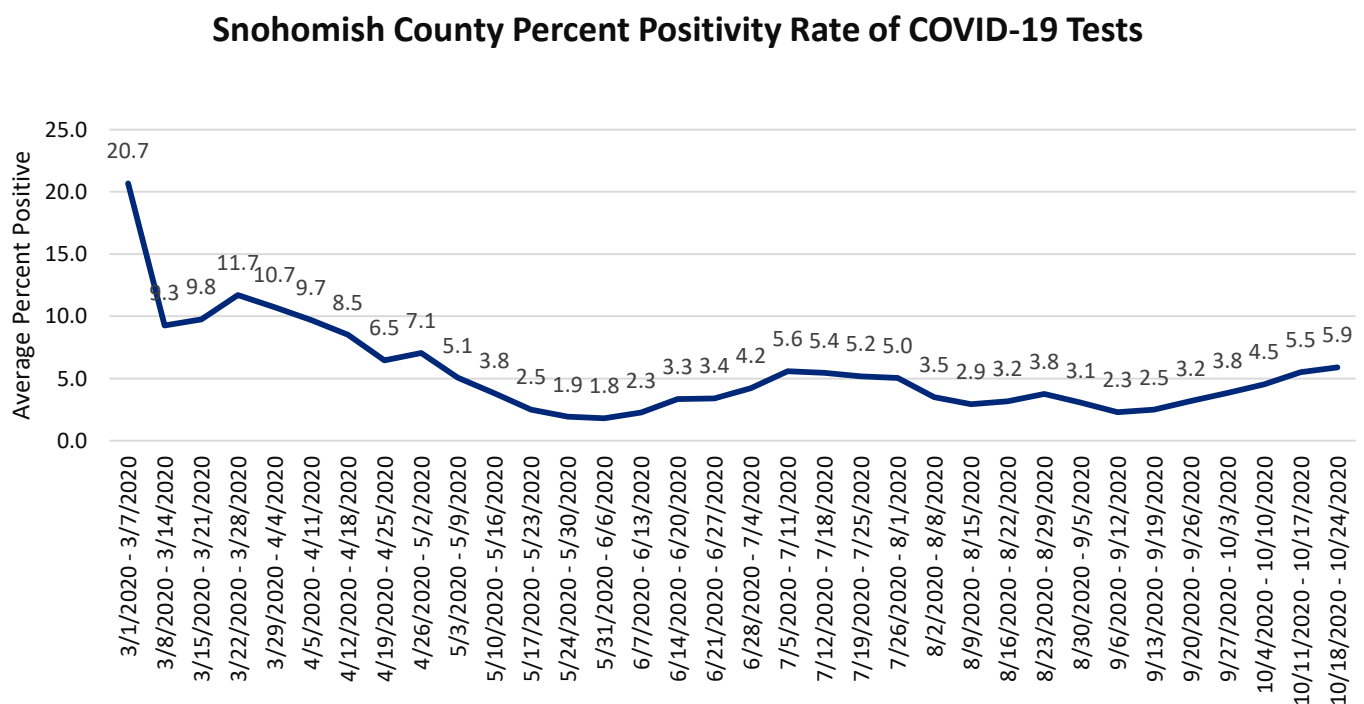
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Table 9: Testing activity in Snohomish County

Week	Tests Reported	Negative	Positive	% Positive
8/30-9/5/2020	6128	5939	189	3.1%
9/6-9/12/2020	5870	5726	144	2.5%
9/13-9/19/2020	6660	6495	165	2.5%
9/20-9/26/2020	6908	6687	221	3.2%
9/27-10/03/2020	6744	6475	269	4.0%
10/4-10/10/2020	8295	7913	382	4.6%
10/11-10/17/2020	8126	7656	470	5.8%
10/18-10/24/2020	9504	8970	534	5.6%
Total 9/27-10/24/2020 (4-week total)	33,154.00	31,498.00	1,656.00	5.0%

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: Average percent positivity of COVID-19 tests in Snohomish County by week



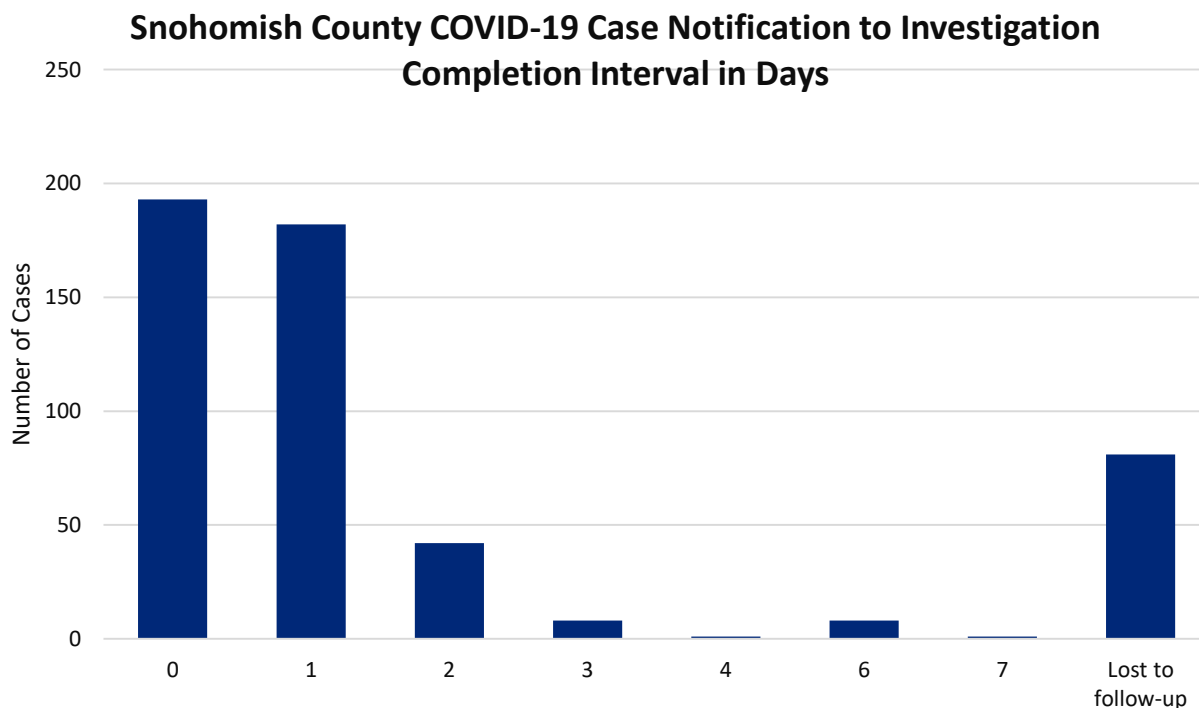
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Table 10: Percent of case investigations completed within 1 and 2 days of initial notification of case

Week	Cases Reported	Number contacted within 1 day	Percent contacted within 1 day	Number contacted within 2 days	Percent contacted within 2 days
8/30-9/5/2020	196	148	76%	152	78%
9/6-9/12/2020	166	124	75%	136	82%
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%

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

Figure 11: Case notification to investigation completion interval in days (10/18-10/24/2020)



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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
8/30-9/5/2020	298	206	69%
9/6-9/12/2020	241	187	78%
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%

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

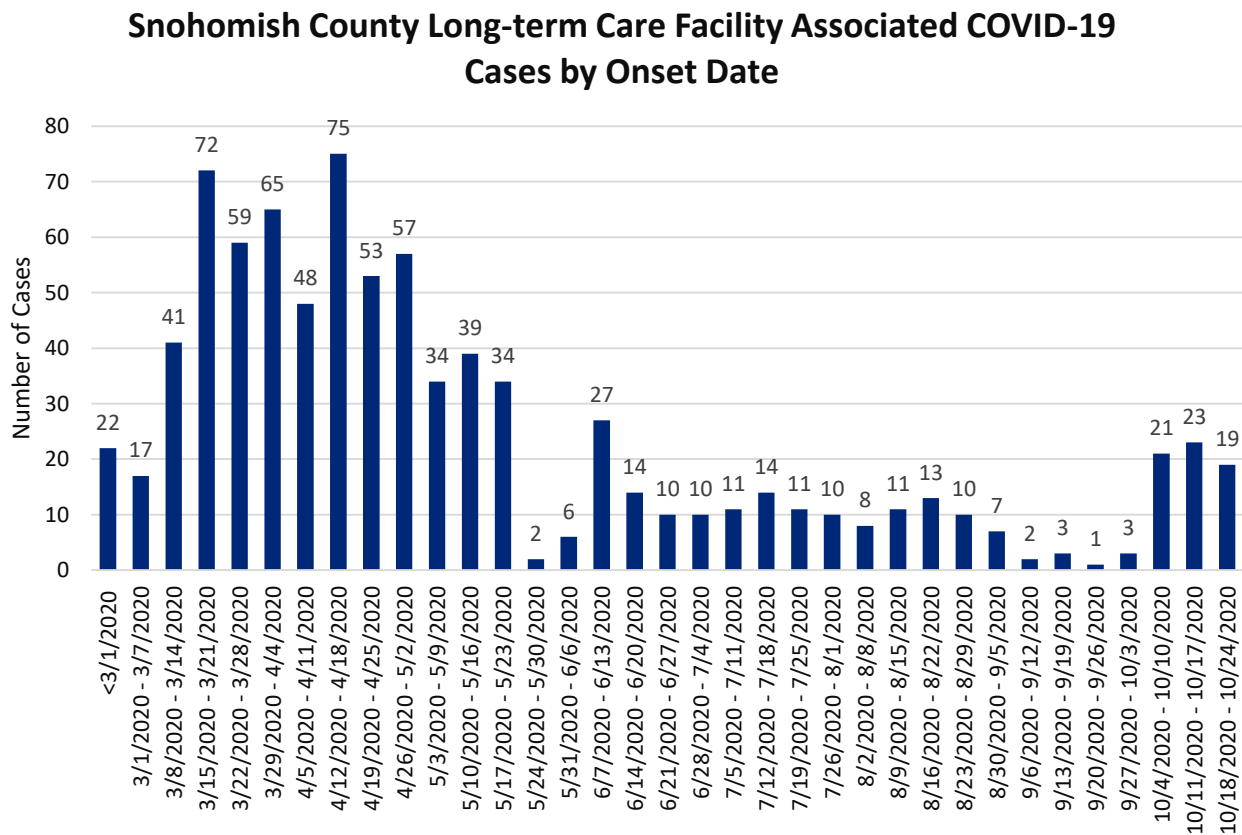


Table 12: Type of LTCF-associated COVID-19 case

Type	Number	Percent
Resident	428	50.1%
Staff	420	49.2%
Visitor	5	0.6%
Other	<5	--
Grand Total	854	100.0%

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

Current status	Number	Percent
Survived ¹	681	79.7%
Isolation	57	6.7%
Hospitalized	<5	--
Deceased	113	13.2%
Unknown	<5	--
Grand Total	854	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	266 (62.1%)	365 (86.9%)
Yes	158 (36.9%)	26 (6.2%)
Unknown	<5 (--)	29 (6.9%)
Grand Total	428	420

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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
Sunrise View Everett	79	14.2%	Yes
Regency Care Monroe	52	9.4%	No
Rosewood Courte Memory Care	46	8.3%	Yes
Lynnwood Post-Acute Rehab	45	8.1%	Yes
Heritage Court Assisted Living	43	7.7%	Yes
Terrace at Beverly Lake Memory Care	38	6.8%	Yes
Chateau Pacific Assisted Living	33	5.9%	Yes
Josephine CC	33	5.9%	Yes
Mountain View Skilled Nursing Marysville	31	5.6%	Yes
Prestige Post Acute Rehab Edmonds	27	4.9%	Yes
Cedar Creek Memory Care	22	4.0%	Yes
Pacifica Senior Living Lynnwood	16	2.9%	Yes
Gencare Scriber Gardens	13	2.3%	Yes
Bethany at Pacific	12	2.2%	Yes
BW Heavenly Adult Family Home	9	1.6%	Yes
Quilceda Creek Adult Family Home #1	8	1.4%	Yes
Bothell Health Care	7	1.3%	Yes
Premier Adult Family Home Everett	7	1.3%	Yes
Sunrise of Edmonds	6	1.1%	Yes
Harbour Pointe Senior Living	6	1.1%	Yes
Homecomings II AFH Bothell	6	1.1%	Yes
Acacia Senior Home II	6	1.1%	Yes
Anest Adult Family Home	5	0.9%	Yes
Mountlake Terrace Plaza	5	0.9%	Yes
Grand Total	555	100.0%	

COVID-19 DEATHS

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

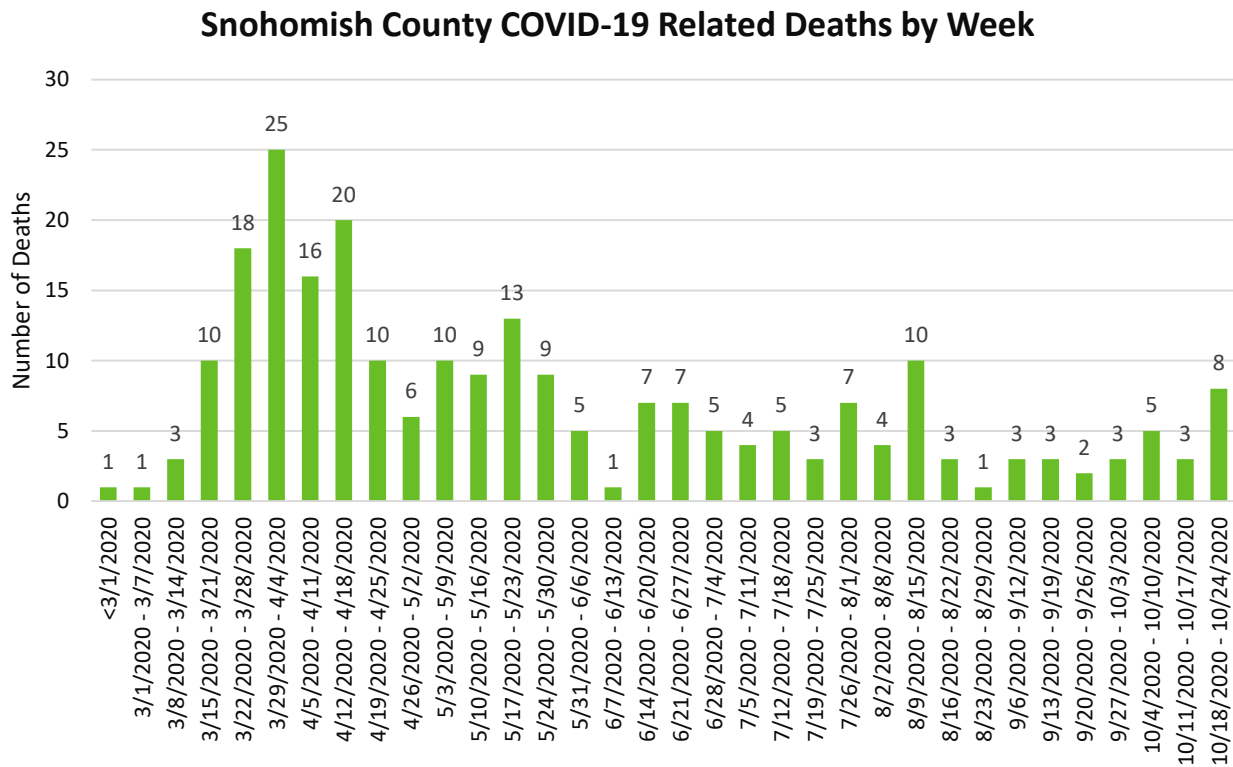


Table 16: Gender of COVID-19 related deaths in Snohomish County

Gender	Number	Percent
Female	108	45.0%
Male	132	55.0%
Grand Total	240	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	0.83%	Not calculated <5	0.1%
30-39	4	1.67%	Not calculated <5	0.2%
40-49	11	4.58%	9.7	0.7%
50-59	18	7.50%	15.8	1.3%
60-69	26	10.83%	26.8	2.8%
70-79	66	27.50%	126.1	13.8%
80+	113	47.08%	449.9	24.8%
Grand Total	240	100.00%	28.9	2.5%

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

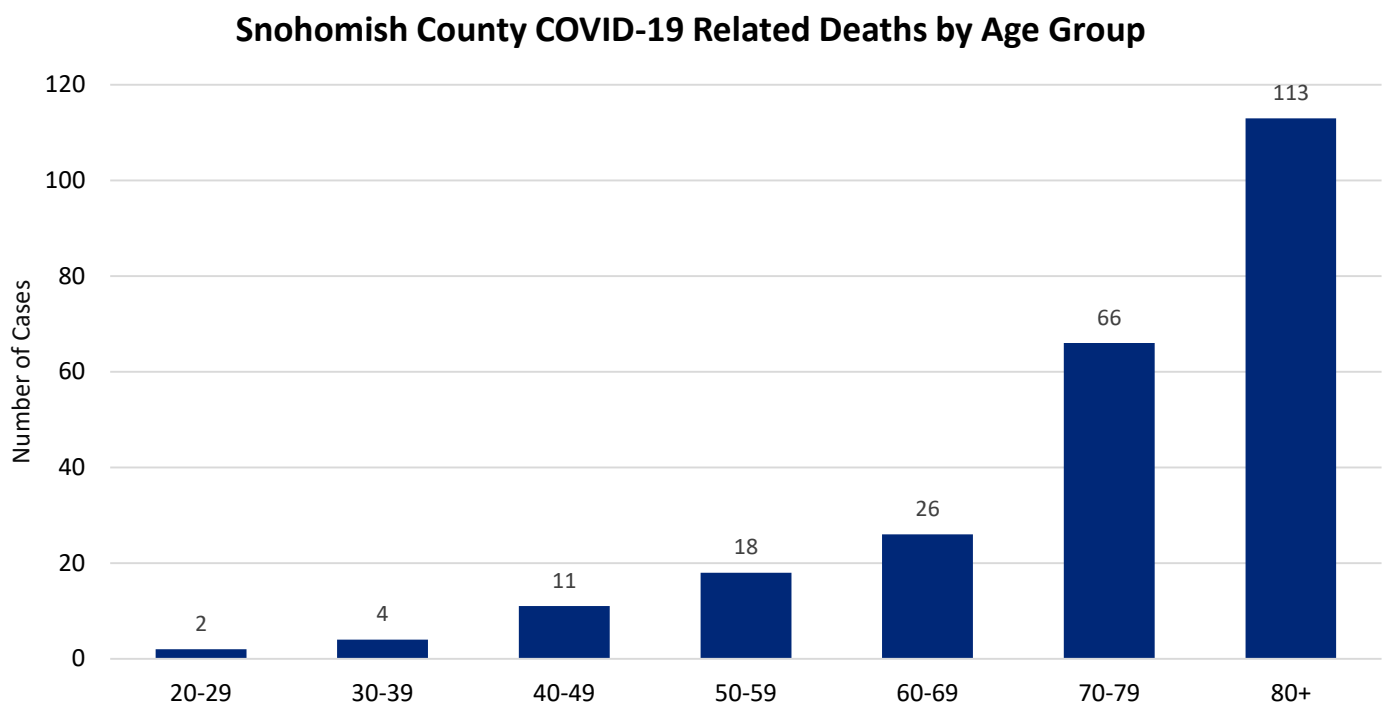


Table 18: Underlying health conditions of COVID-19 related deaths in Snohomish County

Underlying health condition	Number	Percent
Yes	223	92.9%
No	10	4.2%
Unknown	7	2.9%
Grand Total	240	100.0%

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

Ever hospitalized	Number	Percent
Yes	178	74.2%
No	57	23.8%
Unknown	5	2.1%
Grand Total	240	100.0%

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

Type of exposure	Number	Percent
Long term care associated	114	47.5%
Community acquired	82	34.2%
Close contact	17	7.1%
Nosocomial	11	4.6%
Travel	3	1.3%
Unknown	13	5.4%
Grand Total	240	100.0%

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

City	Number	Percent
Arlington	5	2.1%
Bothell	15	6.3%
Darrington	1	0.4%
Edmonds	35	14.6%
Everett	86	35.8%
Lake Stevens	5	2.1%
Lynnwood	33	13.8%
Marysville	23	9.6%
Mill Creek	6	2.5%
Monroe	5	2.1%
Mountlake Terrace	4	1.7%
Mukilteo	1	0.4%
Snohomish	5	2.1%
Stanwood	10	4.2%
Sultan	1	0.4%
Tulalip	3	1.3%
Woodinville	2	0.8%
Grand Total	240	100.0%