

**SNOHOMISH HEALTH DISTRICT  
WEEKLY COVID-19 REPORT  
SEPTEMBER 27 – OCTOBER 3, 2020**

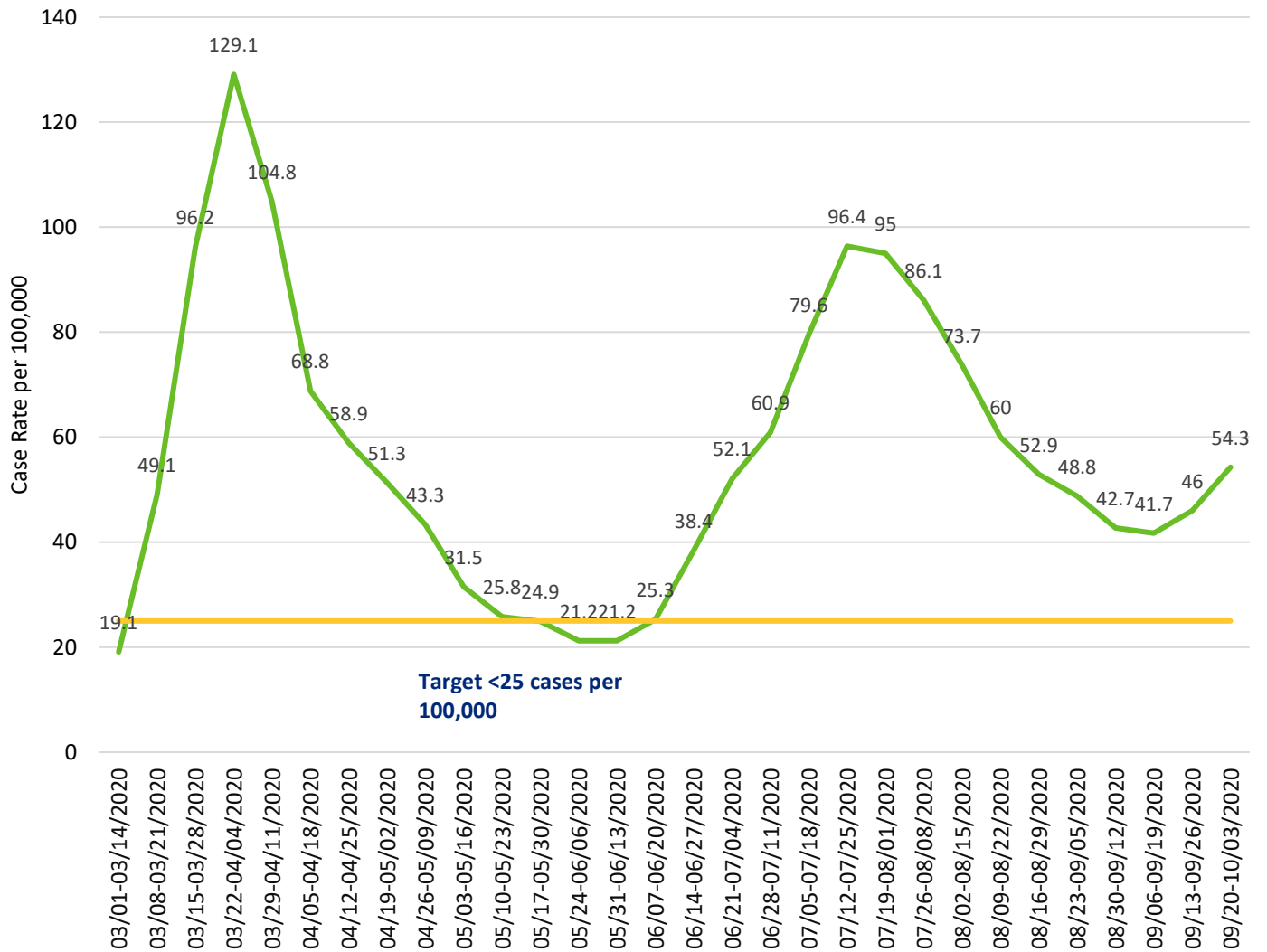
**SUMMARY OF KEY COVID-19 SAFE START METRICS**

<b>Metric</b>	<b>Definition</b>	<b>Current Sep 20-26</b>	<b>Prior Sep 13-19</b>	<b>Target</b>
<b>Activity</b>	Cases per 100,000 population during the 14 days ending on the last day of the week (Fig. 1, p. 2)	54.3	46.0	<25
	Average daily census of Snohomish County residents hospitalized with COVID-19 for the week (Fig. 9, p. 11)	21.7	17.4	--
	New hospitalizations per 100,000 population for the week	2.6	2.1	--
<b>Healthcare System Readiness</b>	Percentage of licensed acute care hospital beds occupied	70%	81%	<80%
	Percentage of licensed acute care hospital beds occupied by COVID-19 cases	2.8%	2.0%	<10%
<b>Testing</b>	Average daily tests per 100,000 population for the week	116	115	--
	Testing positivity rate for the week (Table 10, p.12)	4.0%	3.2%	<2%
	Median time from symptom onset to specimen collection among cases for the week	2 days	2 days	<2 days
<b>Case and contact investigations (pp. 13-14)</b>	Percent of cases reached by phone or in person within 24 hours of receipt of positive lab test report on a case	80%	78%	90%
	Percent of contacts reached by phone or in person within 48 hours of receipt of positive lab test report on a case	81%	88%	80%
<b>Protecting high-risk populations</b>	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)	5	5	≤2
<b>Notes:</b>				

**COVID-19 EPIDEMIOLOGIC OVERVIEW**

Figure 1: Snohomish County COVID-19 case rates per 100,000, March 1<sup>st</sup> through October 3<sup>rd</sup>, 2020

**Snohomish County COVID-19 Case Rate per 100,000 for 2-week Rolling Periods**



Data source: Snohomish Health District COVID-19 database.

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

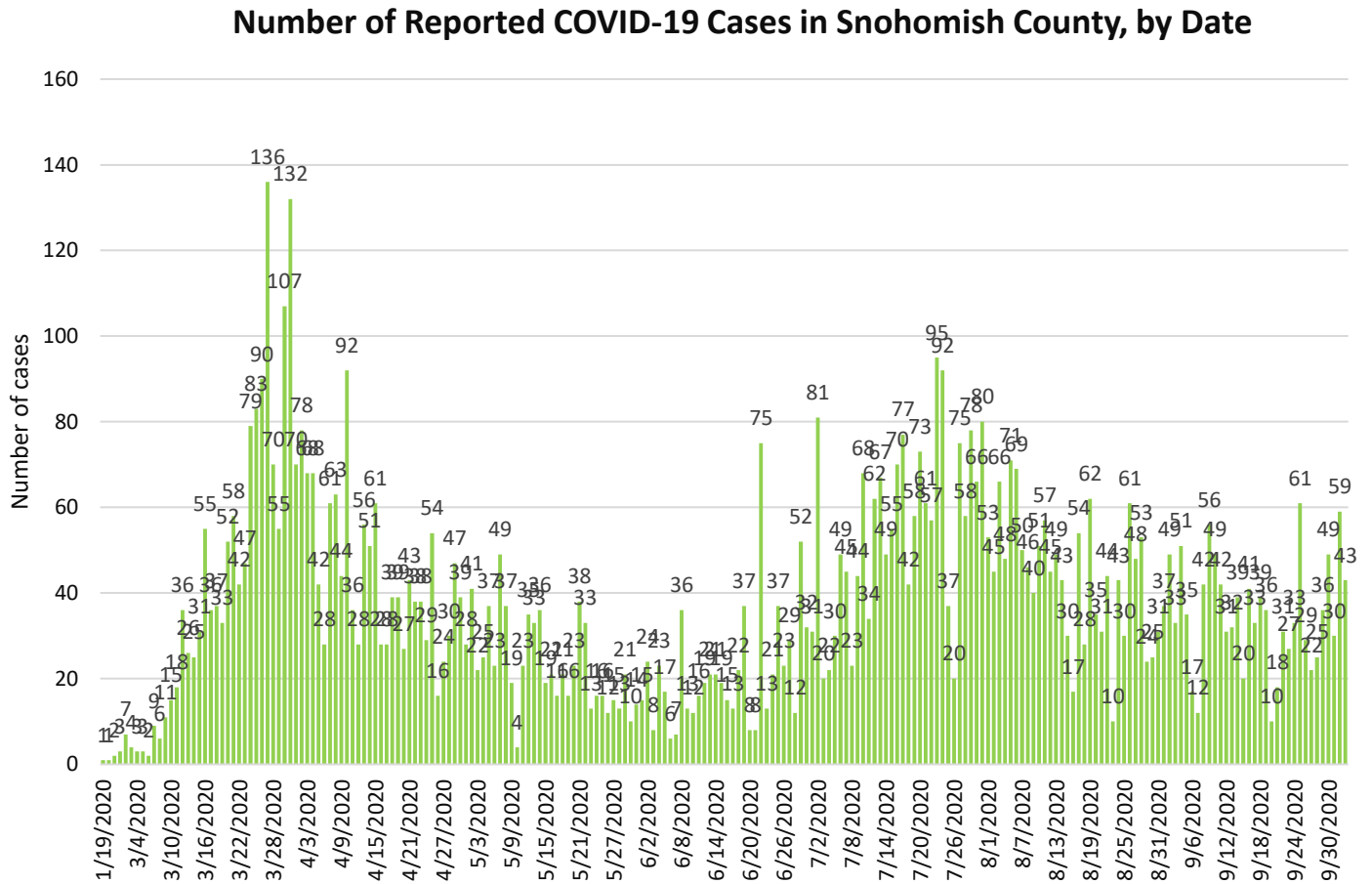
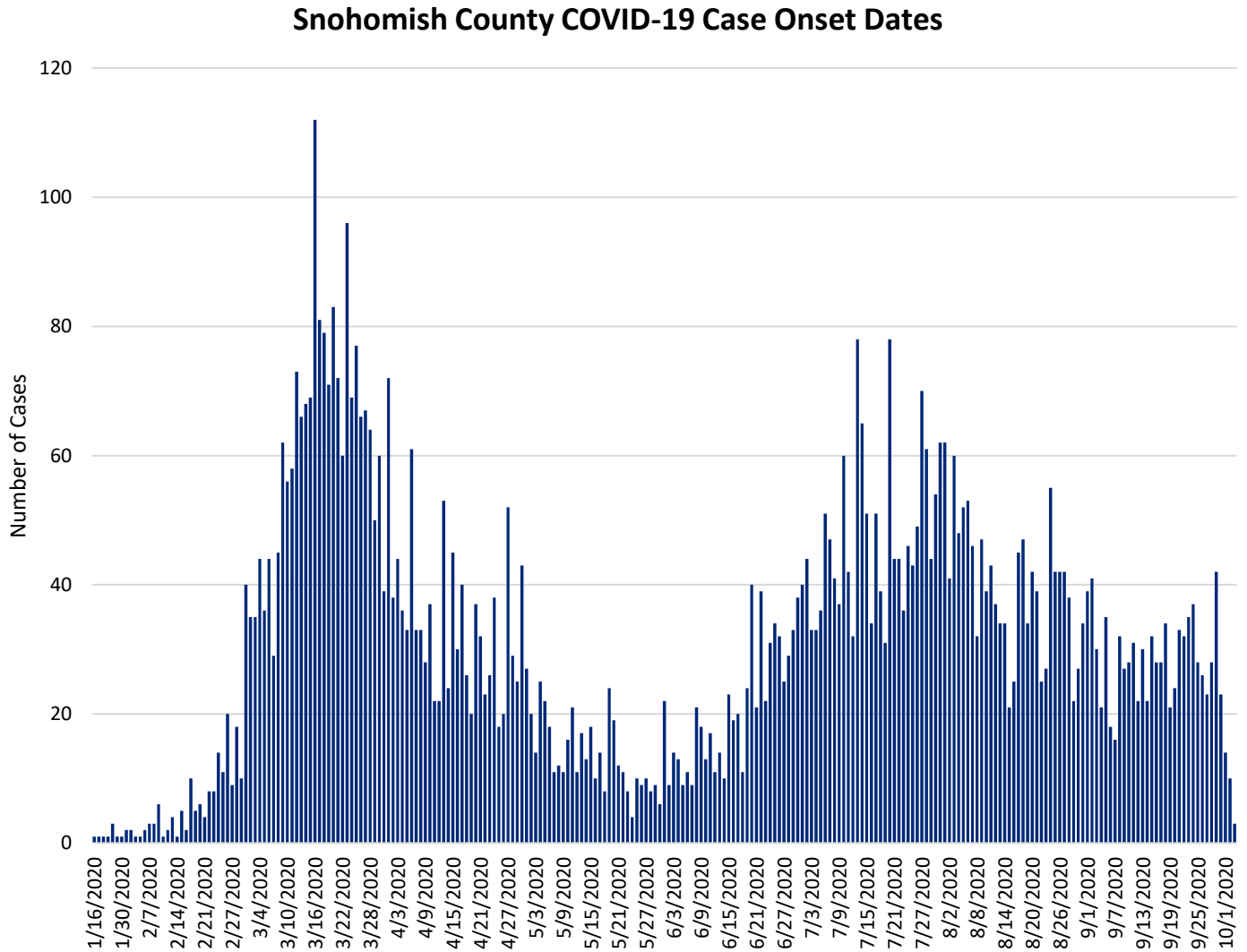


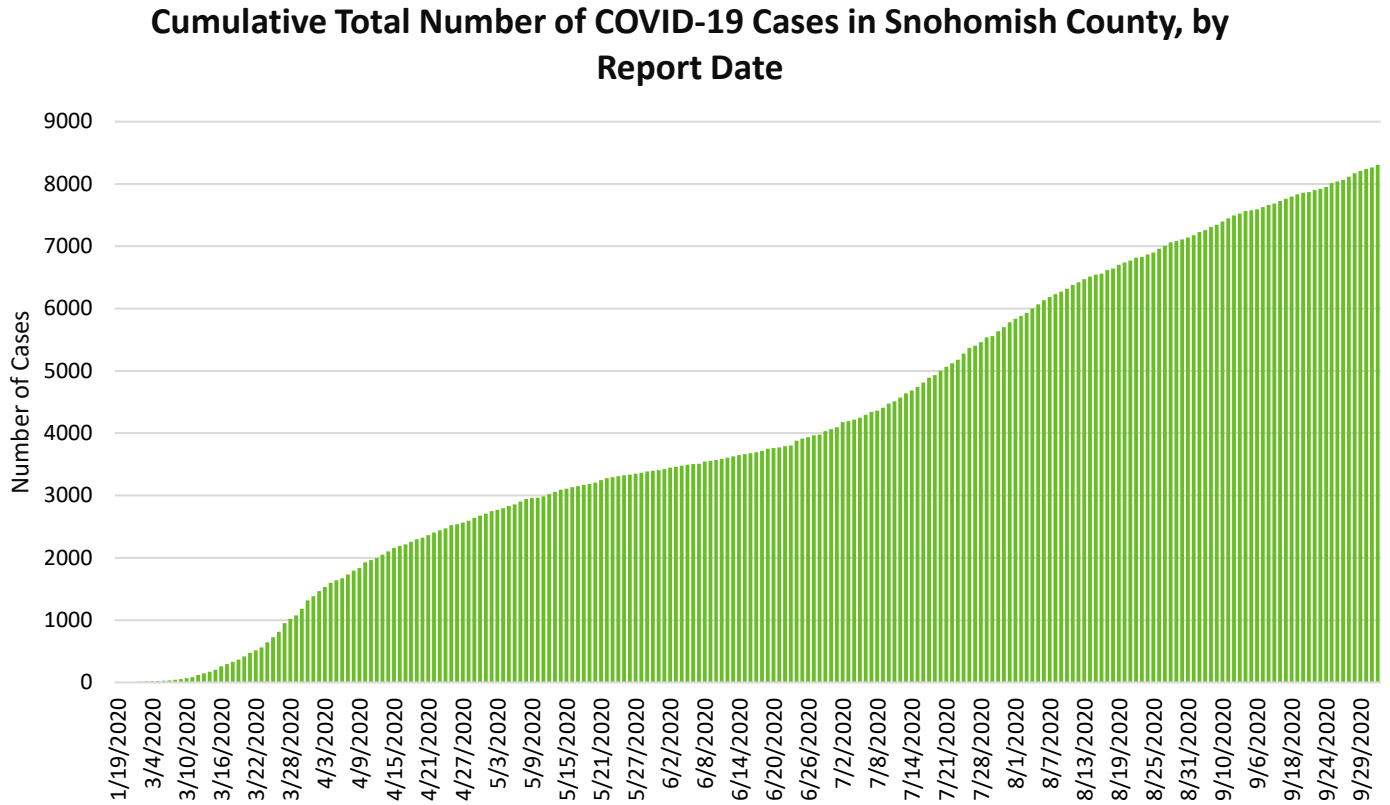
Figure 3: Snohomish County COVID-19 epidemiologic curve



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**



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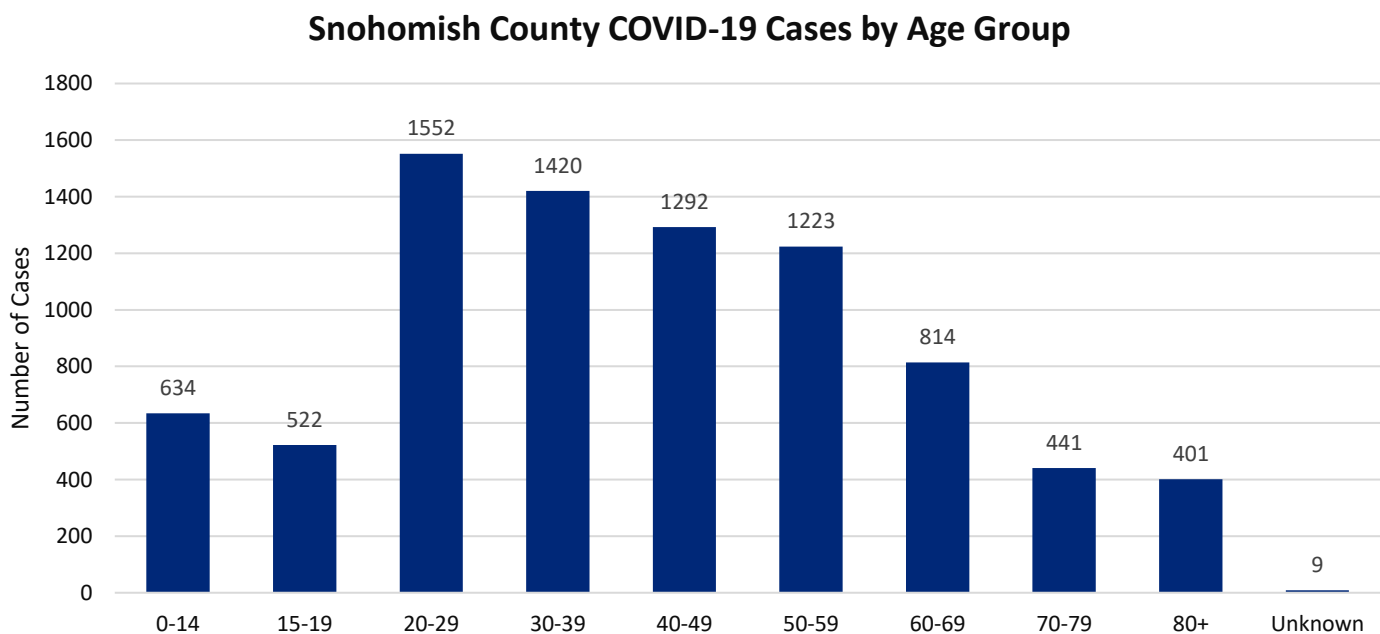
**Table 1: Sex at birth of COVID-19 cases in Snohomish County**

Sex at birth	Current 2-Week Period 9/20-10/03/2020	Prior 2-Week Period 9/13-9/26/2020	Cumulative 01/20/2020-present
Female	245	246	4391
Male	228	204	3917
<b>Grand Total</b>	<b>473</b>	<b>450</b>	<b>8308</b>

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

Age group in years	Current 2-Week Period 9/20-10/03/2020	Prior 2-Week Period 9/13-9/26/2020	Cumulative 01/20/2020-present
0-14	42	44	634
15-19	38	32	522
20-29	99	82	1552
30-39	88	85	1420
40-49	74	69	1292
50-59	67	64	1223
60-69	42	38	814
70-79	17	21	441
80+	6	13	401
Unknown	0	2	9
<b>Grand Total</b>	<b>473</b>	<b>450</b>	<b>8308</b>

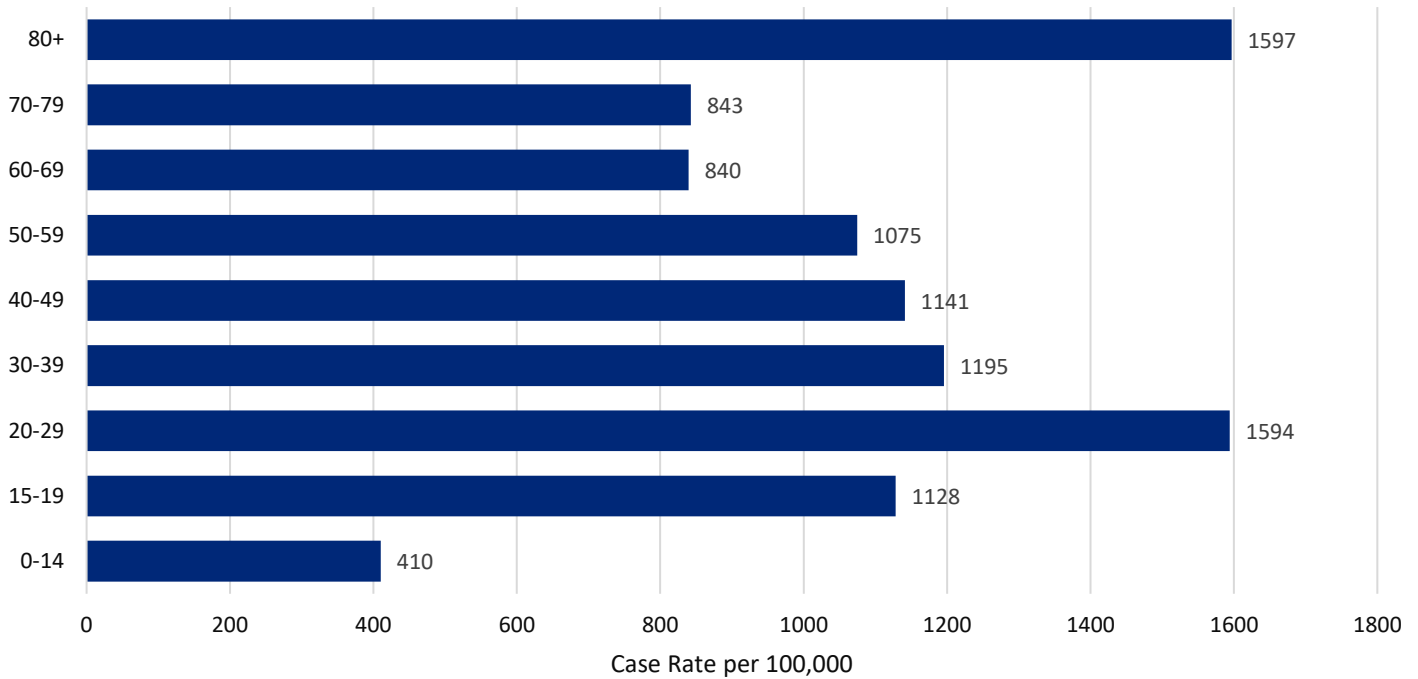
**Figure 5: Snohomish County cumulative total COVID-19 cases by age group**



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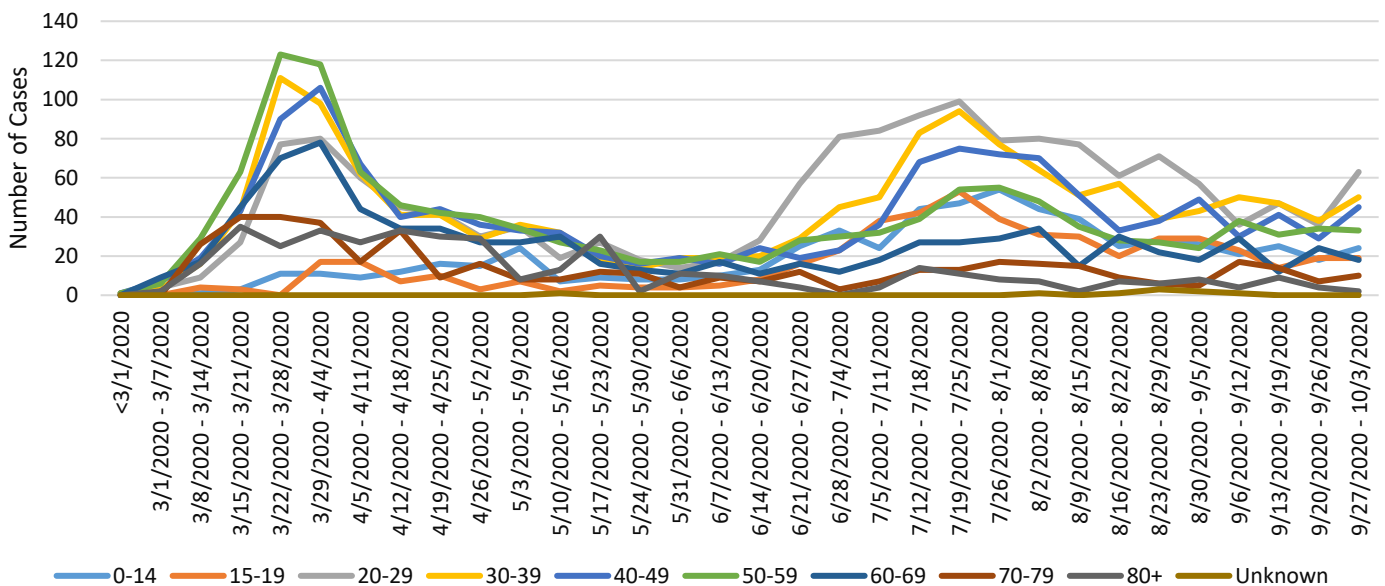
**Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group**

**Snohomish County COVID-19 Case Rates per 100,000 by Age Group**



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

**Number of COVID-19 Cases by Report Date and Age Group**



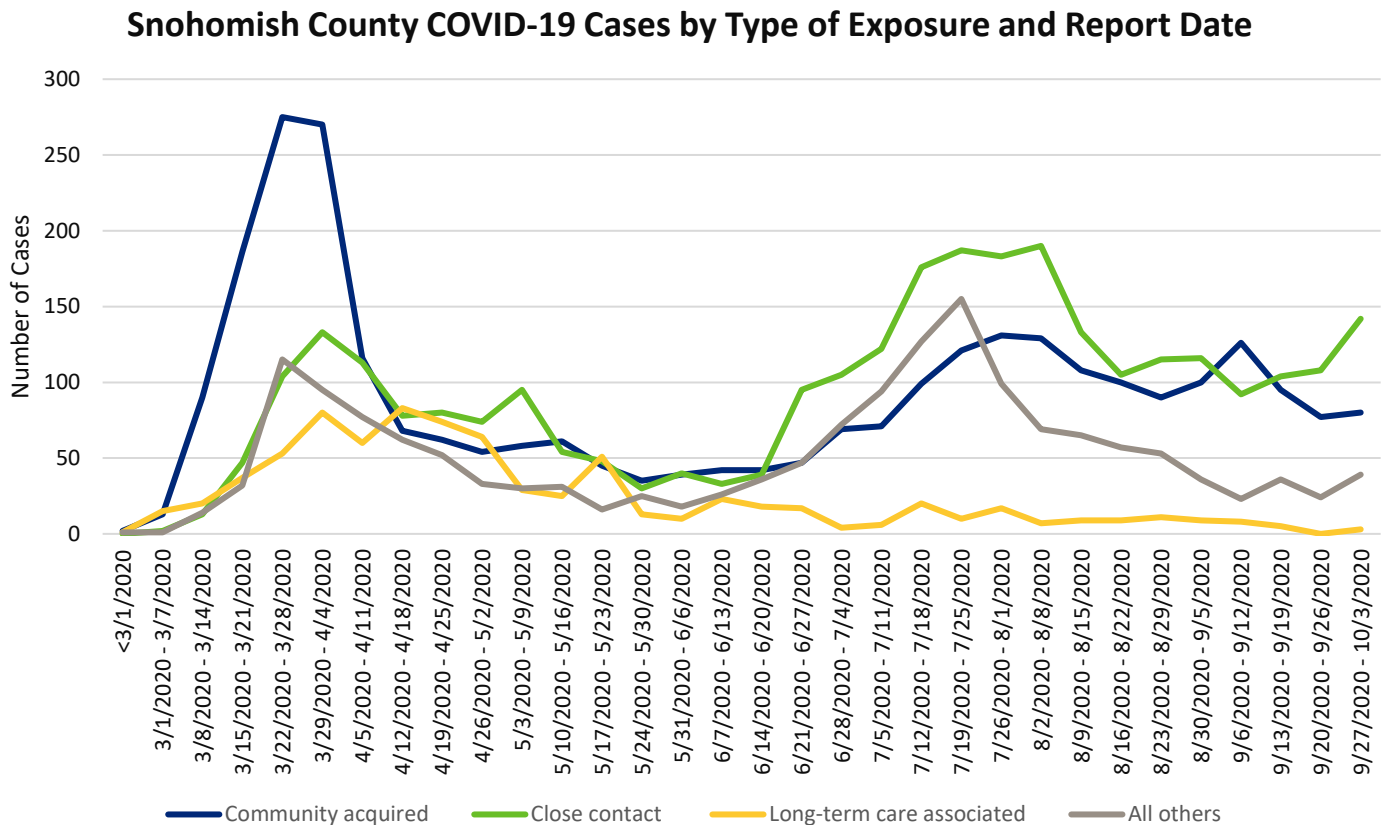
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\*Notes: 1. This graph will be updated every 2 weeks for completeness of data points. 2. As time intervals on the x-axis are sequential two-week periods, findings lag behind changes noted in Table 2 above.

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

Type of exposure	Current 2-Week Period 9/20-10/03/2020	Prior 2-Week Period 9/13-9/26/2020	Cumulative 01/20/2020-present
Community acquired	157	171	2901
Close contact	250	213	2956
Long-term Care Facility Associated	<5	6	791
Healthcare Worker	14	10	372
Travel	<5	<5	126
Corrections	<5	<5	73
Nosocomial	<5	<5	32
Unknown	47	45	1057
<b>Grand Total</b>	<b>473</b>	<b>450</b>	<b>8308</b>

**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 9/20-10/03/2020	Prior 2-Week Period 9/13-9/26/2020	All cases 01/20/2020-present
Home isolation	415	358	632
Hospitalized	8	8	18
Survived <sup>1</sup>	<5	33	7363
Deceased	0	<5	211
Unknown	46	50	84
<b>Grand Total</b>	<b>473</b>	<b>450</b>	<b>8308</b>

<sup>1</sup>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
<b>Grand Total</b>	<b>681 (11.4%)</b>	<b>5,277 (88.6%)</b>	<b>5,958</b>

Data source: WDRS, only includes confirmed cases with available symptom status data

Table 6: Hospitalization of COVID-19 cases in Snohomish County

Ever hospitalized	Current 2-Week Period 9/20-10/03/2020	Prior 2-Week Period 9/13-9/26/2020	Cumulative 01/20/2020-present
No	405	389	6454
Yes	21	12	758
Unknown	47	49	1096
<b>Grand Total</b>	<b>473</b>	<b>450</b>	<b>8308</b>

Table 7: New Outbreaks Detected 9/27-10/03/2020

Facility name	Facility type	Number of cases
Facility A	IT Consultant	7
Facility B	Restaurant	<5
Facility C	Restaurant	6
Facility D	LTCF	<5
Facility E	Retail	<5
<b>Total outbreaks</b>	<b>5</b>	<b>20</b>

Data source: Snohomish Health District COVID-19 database.

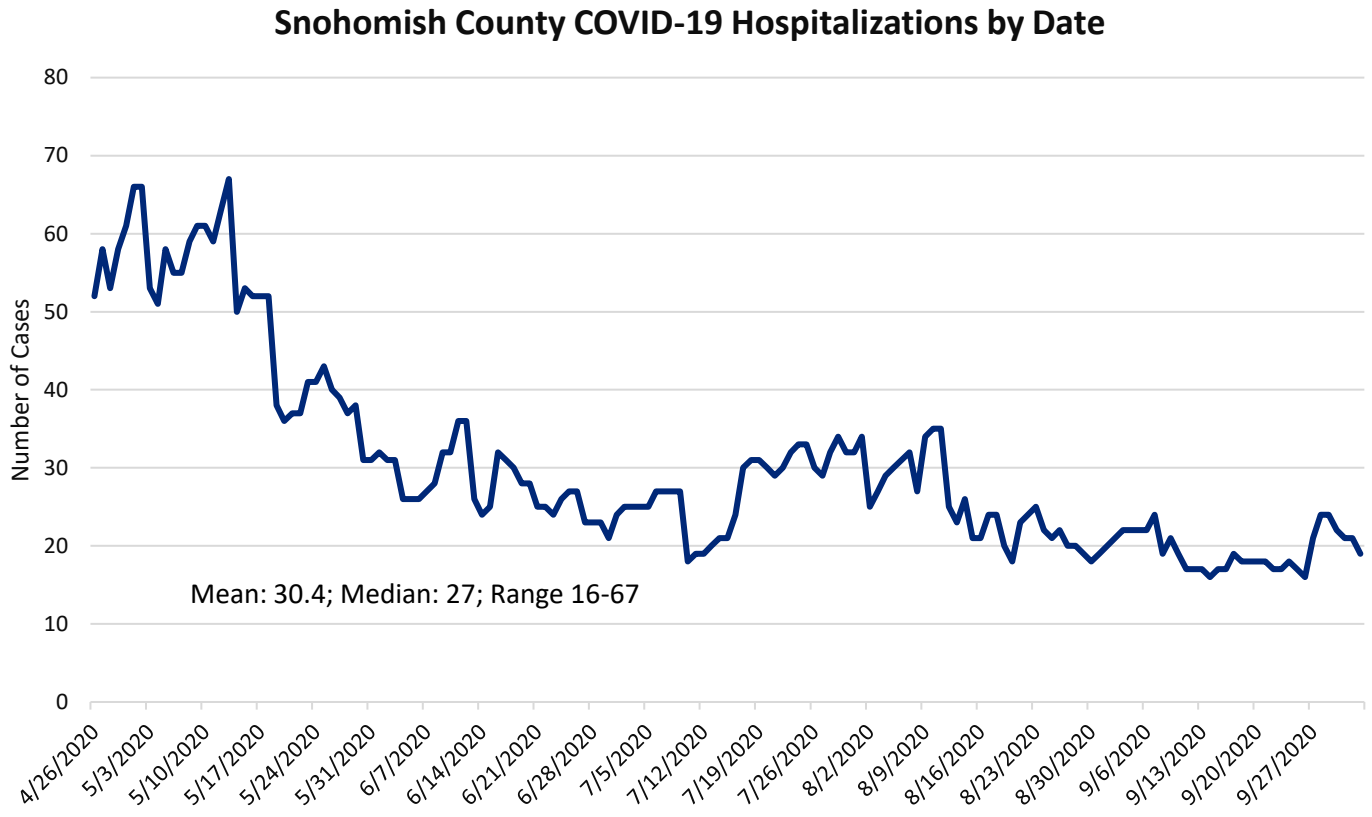
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Table 8: City of residence of COVID-19 cases in Snohomish County

City	Current 2-Week Period 9/20-10/03/2020	Prior 2-Week Period 9/13-9/26/2020	Cumulative 01/20/2020-present
Arlington	17	21	351
Bothell	29	23	606
Brier	<5	<5	37
Darrington	0	0	11
Edmonds	31	25	640
Everett	129	123	2371
Gold Bar	<5	<5	21
Granite Falls	<5	6	57
Lake Stevens	24	23	392
Lynnwood	81	70	1294
Marysville	32	45	735
Mill Creek	11	8	137
Monroe	23	22	376
Mountlake Terrace	5	6	212
Mukilteo	15	12	143
North Lakewood	0	<5	<5
Silvana	0	0	<5
Snohomish	51	36	556
Stanwood	7	14	206
Startup	0	0	<5
Sultan	7	<5	45
Tulalip	5	<5	59
Woodinville	<5	<5	30
Woodway	<5	<5	16
Unknown	<5	0	7
<b>Grand Total</b>	<b>473</b>	<b>450</b>	<b>8308</b>

**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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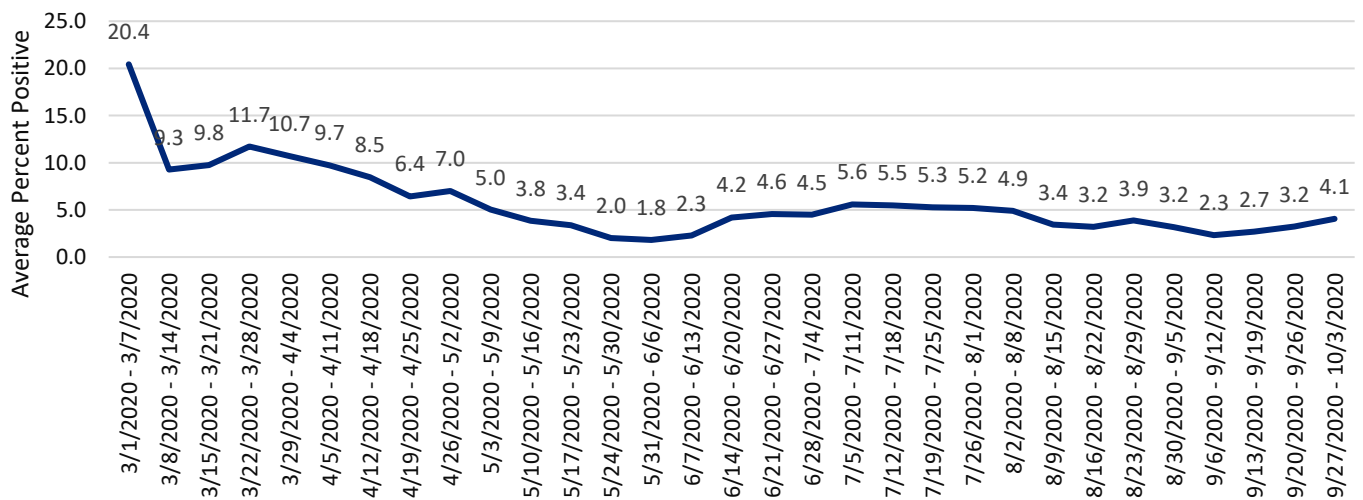
**Table 9: Testing activity, Snohomish County**

Week	Tests Reported	Negative	Positive	% Positive
8/9-8/15/2020	7338	7092	246	3.4%
8/16-8/22/2020	6645	6440	205	3.1%
8/23-8/29/2020	6335	6099	236	3.7%
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%
<b>Total 8/30-9/26/2020</b> <b>(4-week total)</b>	<b>26182</b>	<b>25383</b>	<b>799</b>	<b>3.1%</b>

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 COVID-19 percent positivity in Snohomish County by week**

**Average Percent Positivity Rate of COVID-19 Tests in Snohomish County by Week**



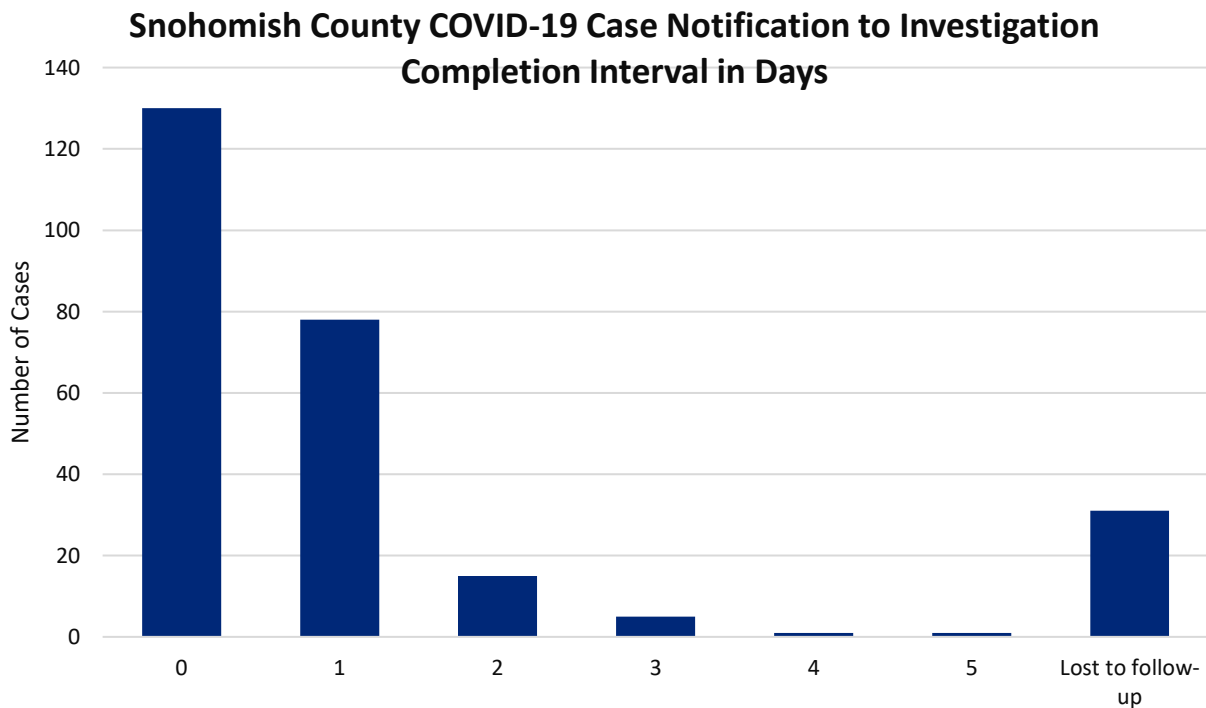
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**Table 10: Percentage of case investigations completed within 1 and 2 days of initial notification of case**

Week	Cases Reported	Number contacted within 1 day	Percent contacted within 1 day	Number contacted within 2 days	Percent contacted within 2 days
8/9-8/15/2020	274	199	73%	211	77%
8/16-8/22/2020	221	164	74%	174	79%
8/23-8/29/2020	239	168	70%	177	74%
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%

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

**Figure 11: Case notification to investigation completion interval in days (09/27-10/03/2020)**



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**Table 11: Percentage of identified contacts notified and quarantined within 2 days**

<b>Week</b>	<b>Contacts identified</b>	<b>Number contacted within 2 days</b>	<b>Percent contacted within 2 days</b>
8/9-8/15/2020	552	395	72%
8/16-8/22/2020	478	397	83%
8/23-8/29/2020	432	316	73%
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%

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

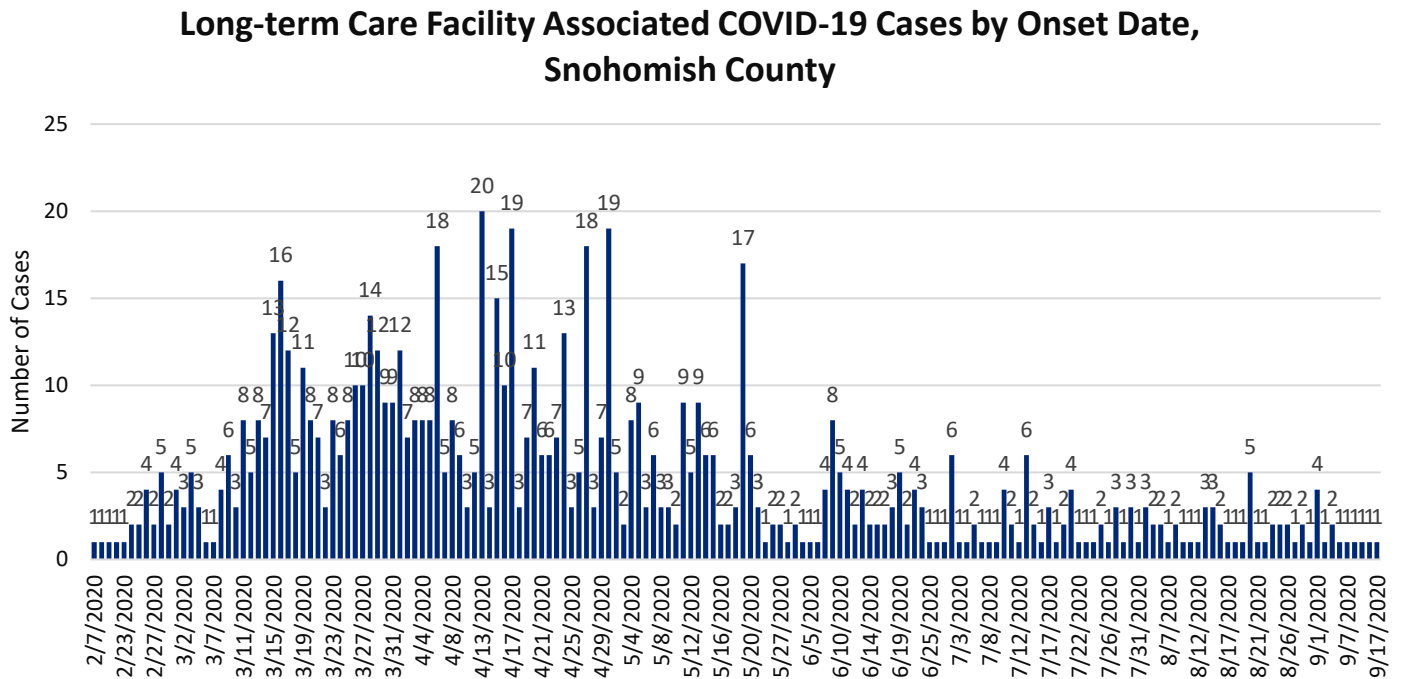


Table 12: Type of LTCF-associated COVID-19 case

Type	Number	Percent
Staff	396	50.1%
Resident	389	49.2%
Visitor	5	0.6%
Other	1	0.1%
<b>Grand Total</b>	<b>791</b>	<b>100.0%</b>

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

Current status	Number	Percent
Survived <sup>1</sup>	680	86.0%
Isolation	5	0.6%
Hospitalized	<5	0.4%
Deceased	101	12.8%
Unknown	<5	0.3%
<b>Grand Total</b>	<b>791</b>	<b>100.0%</b>

<sup>1</sup>No 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**

<b>Ever hospitalized</b>	<b>Residents</b>	<b>Staff</b>
No	231 (59.4%)	342 (86.4%)
Yes	154 (39.6%)	26 (6.6%)
Unknown	4 (1.0%)	28 (7.1%)
<b>Grand Total</b>	<b>389</b>	<b>396</b>

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

<b>Facility</b>	<b>Number</b>	<b>Percent of total LTCF-associated cases</b>	<b>Outbreak resolved</b>
Sunrise View Everett	79	15.7%	Yes
Rosewood Courte Memory Care	46	9.1%	Yes
Lynnwood Post-Acute Rehab	45	8.9%	Yes
Heritage Court Assisted Living	43	8.5%	Yes
Terrace at Beverly Lake Memory Care	38	7.5%	Yes
Chateau Pacific Assisted Living	33	6.5%	Yes
Josephine CC	33	6.5%	Yes
Mountain View Skilled Nursing Marysville	31	6.2%	Yes
Prestige Post Acute Rehab Edmonds	27	5.4%	Yes
Cedar Creek Memory Care	22	4.4%	Yes
Pacifica Senior Living Lynnwood	16	3.2%	Yes
Gencare Scriber Gardens	13	2.6%	Yes
Bethany at Pacific	12	2.4%	Yes
BW Heavenly Adult Family Home	9	1.8%	Yes
Quilceda Creek Adult Family Home #1	8	1.6%	Yes
Harbour Pointe Senior Living	7	1.4%	Yes
Bothell Health Care	7	1.4%	Yes
Premier Adult Family Home Everett	7	1.4%	Yes
Sunrise of Edmonds	6	1.2%	Yes
Acacia Senior Home II	6	1.2%	Yes
Homecomings II AFH Bothell	6	1.2%	Yes
Anest Adult Family Home	5	1.0%	Yes
Mountlake Terrace Plaza	5	1.0%	Yes
<b>Grand Total</b>	<b>504</b>	<b>100.0%</b>	



**COVID-19 DEATHS**

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

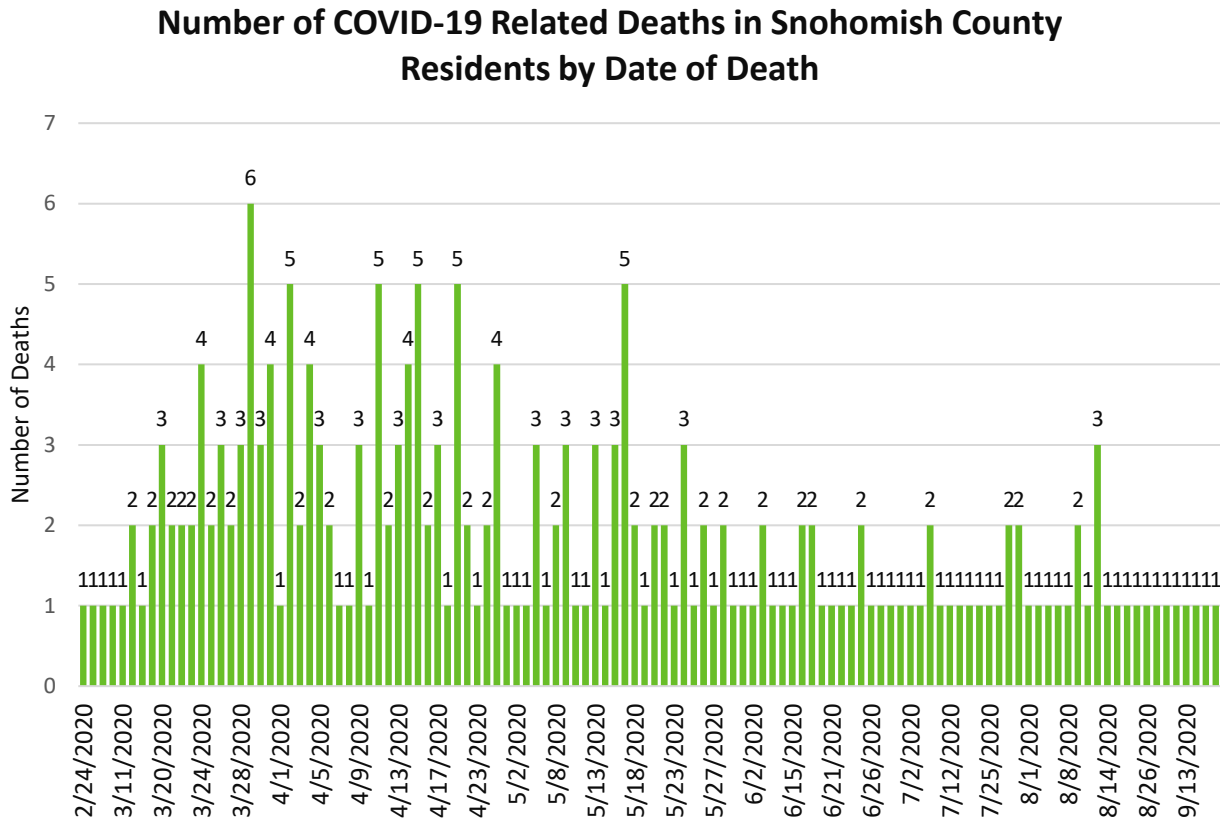


Table 16: Gender of COVID-19 deaths in Snohomish County

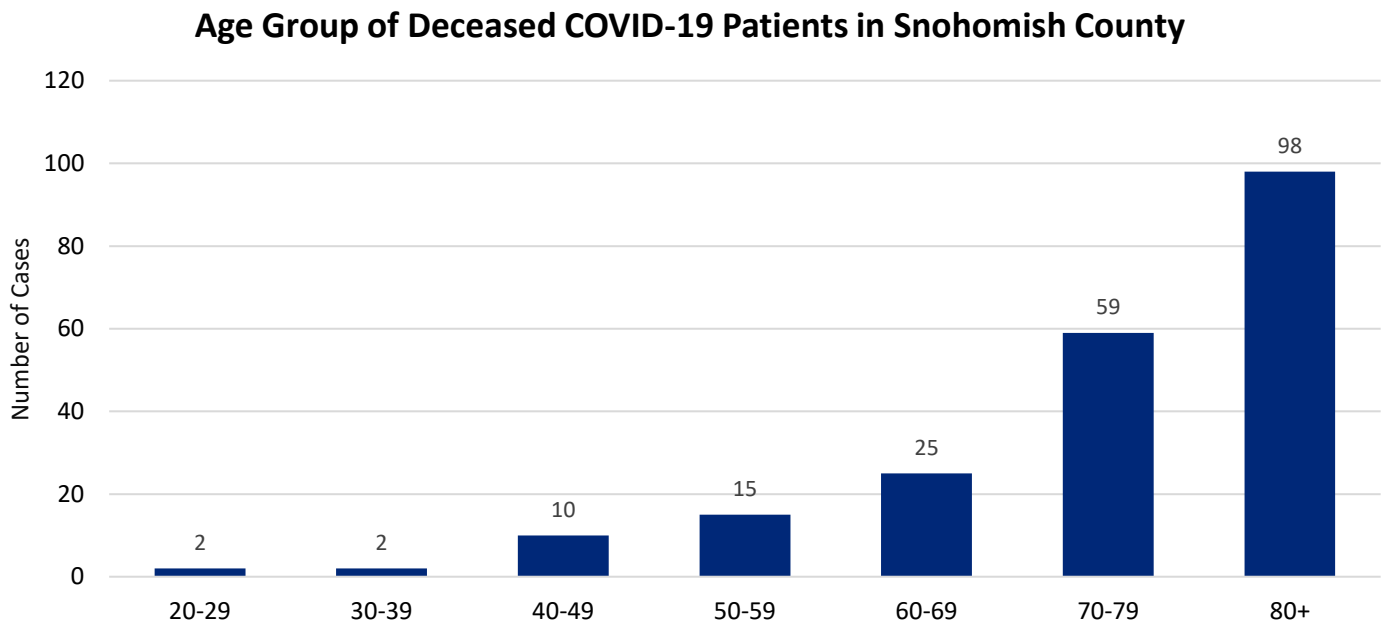
Gender	Number	Percent
Female	94	44.5%
Male	117	55.5%
<b>Grand Total</b>	<b>211</b>	<b>100.0%</b>

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

Age group in years	Number	Percent	Death rate per 100,000 population	Case Fatality Rate (%)
20-29	2	0.95%	Not calculated <5	0.1%
30-39	2	0.95%	Not calculated <5	0.1%
40-49	10	4.74%	8.8	0.8%
50-59	15	7.11%	13.2	1.2%
60-69	25	11.85%	25.8	3.1%
70-79	59	27.96%	112.8	13.4%
80+	98	46.45%	390.2	24.4%
<b>Grand Total</b>	<b>211</b>	<b>100.00%</b>	<b>25.4</b>	<b>2.5%</b>

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



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

Underlying health condition	Number	Percent
Yes	199	94.3%
No	10	4.7%
Unknown	2	0.9%
<b>Grand Total</b>	<b>211</b>	<b>100.0%</b>

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

Ever hospitalized	Number	Percent
Yes	160	75.8%
No	50	23.7%
Unknown	1	0.5%
<b>Grand Total</b>	<b>211</b>	<b>100.0%</b>

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

Type of exposure	Number	Percent
Long term care associated	101	47.9%
Community acquired	74	35.1%
Close contact	16	7.6%
Nosocomial	10	4.7%
Travel	3	1.4%
Unknown	7	3.3%
<b>Grand Total</b>	<b>211</b>	<b>100.0%</b>

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

City	Number	Percent
Arlington	4	1.9%
Bothell	14	6.6%
Edmonds	34	16.1%
Everett	77	36.5%
Lake Stevens	3	1.4%
Lynnwood	28	13.3%
Marysville	21	10.0%
Mill Creek	6	2.8%
Monroe	1	0.5%
Mountlake Terrace	3	1.4%
Mukilteo	1	0.5%
Snohomish	4	1.9%
Stanwood	10	4.7%
Sultan	1	0.5%
Tulalip	3	1.4%
Woodinville	1	0.5%
<b>Grand Total</b>	<b>211</b>	<b>100.0%</b>