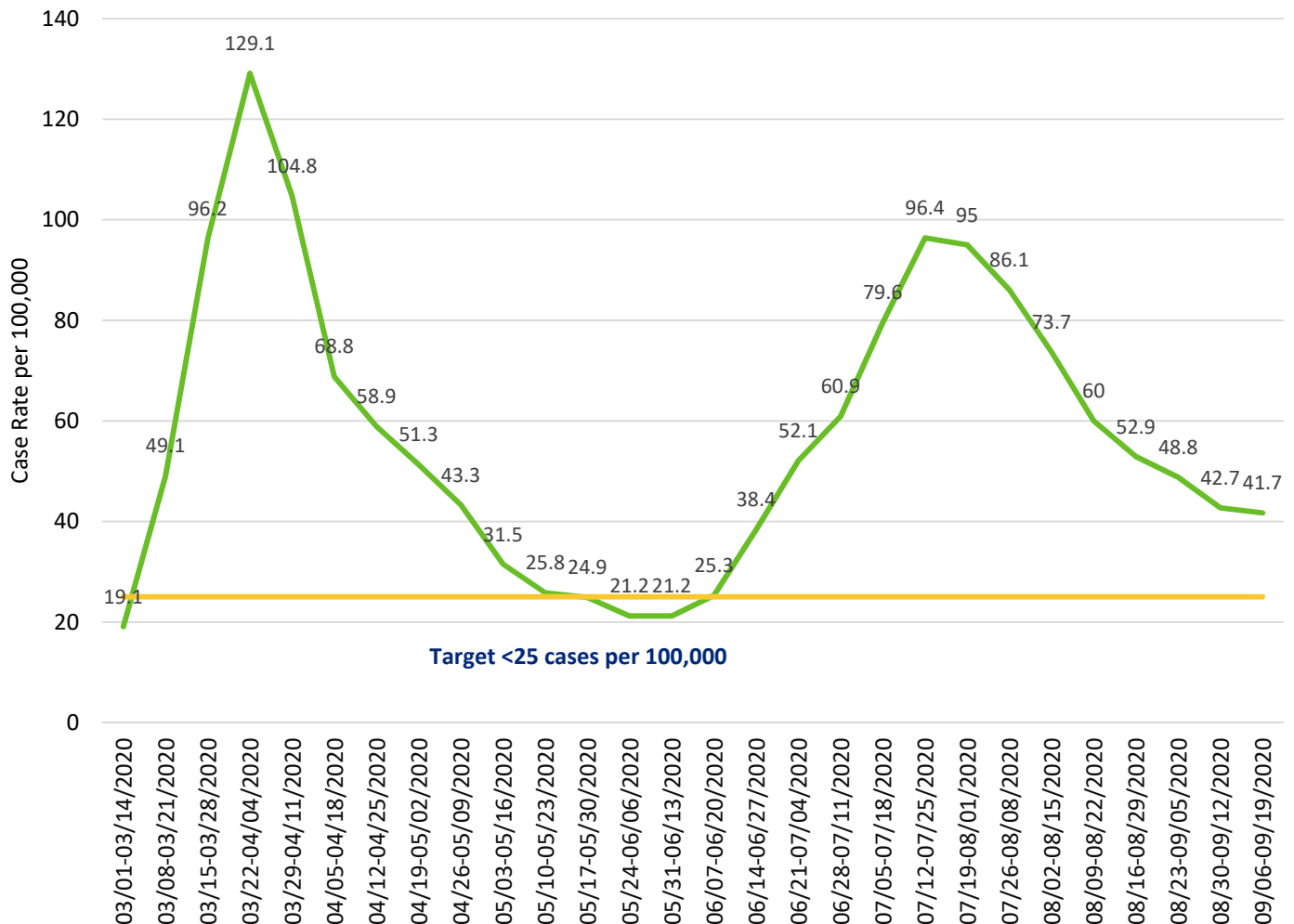


COVID-19 Update for Week Ending September 19, 2020

SECTION A: SUPPORTING DATA FOR COVID-19 SAFE START PHASE 2 METRICS

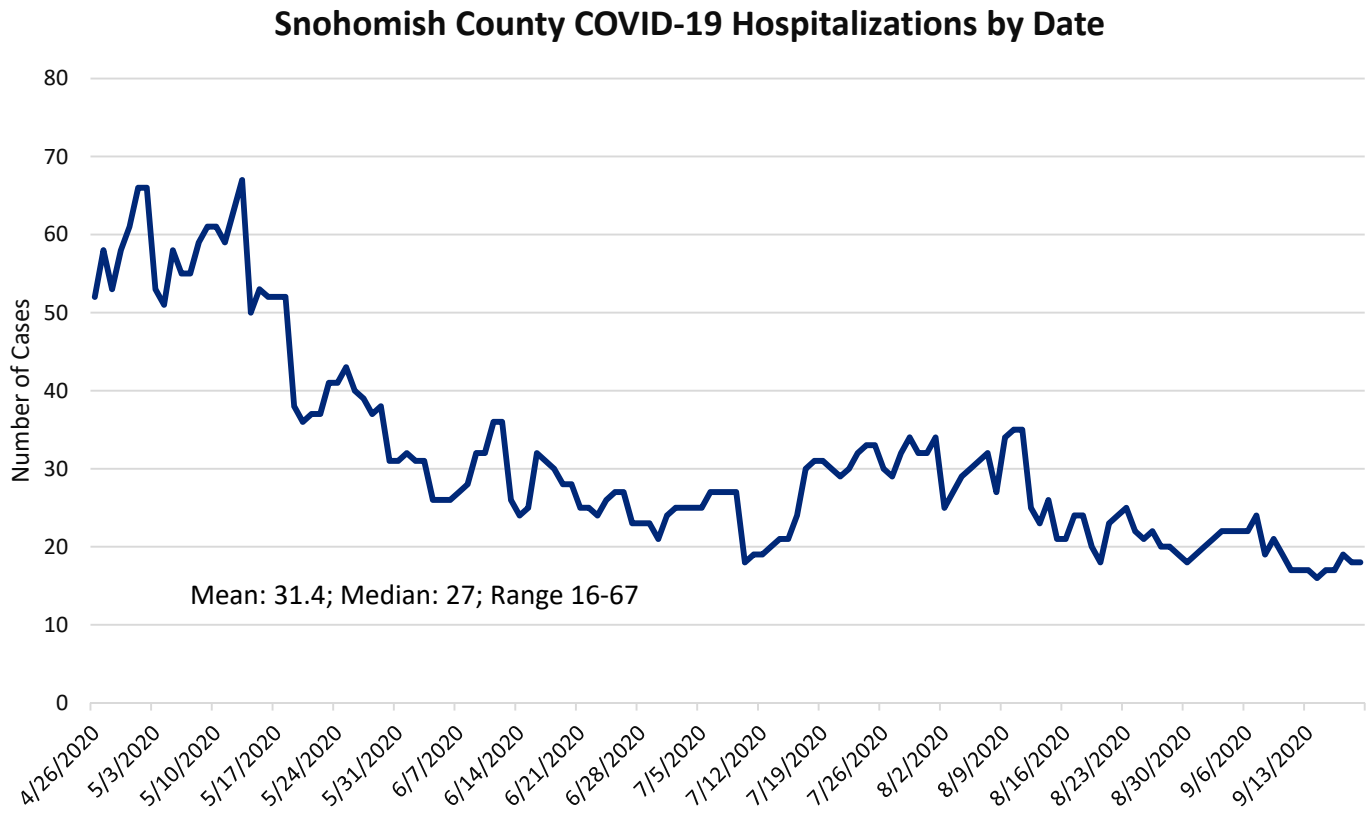
Graph 1: Snohomish County COVID-19 case rates per 100,000, March 1st through September 19th, 2020

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



Data source: Snohomish Health District COVID-19 database. Note, timeframes are different than those reported in the metric above.

Graph 2: Number of COVID-19 cases hospitalized by date



Data source: Snohomish Health District COVID-19 database

Table 1: Reported test results

Week	Tests Reported	Negative	Positive	% Positive
5/31-6/6/2020	3694	3628	66	1.8%
6/7-6/13/2020	4362	4255	107	2.5%
6/14-6/20/2020	3817	3645	172	4.5%
6/21-6/27/2020	4351	4134	217	5.0%
6/28-7/4/2020	5265	5008	257	4.9%
7/5-7/11/2020	5946	5600	346	5.8%
7/12-7/18/2020	6408	6046	362	5.6%
7/19-7/25/2020	6452	6104	348	5.4%
7/26-8/1/2020	6477	6124	353	5.5%
8/2-8/8/2020	6505	6188	317	4.9%
8/9-8/15/2020	6405	6159	246	3.8%
8/16-8/22/2020	6486	6281	205	3.2%
8/23-8/29/2020	6152	5916	236	3.9%
8/30-9/5/2020	6008	5820	188	3.1%
9/6-9/12/2020	5838	5694	144	2.5%
9/13-9/19/2020	6294	6136	158	2.5%
Total 8/16-9/12/2020 (4-week total)	24,292	23,566	726	3.2%

Data source WA DOH COVID Dashboard (all data updated due to change in testing surveillance by WA DOH, please disregard data in previous reports)

Table 2: Local health jurisdiction notification to investigation completion interval for cases investigated

Week	Cases Reported	Number contacted within 24 hours	Percent contacted within 24 hours	Number contacted within 48 hours	Percent contacted within 48 hours
5/31-6/6/2020	153	89	58%	114	75%
6/7-6/13/2020	178	110	62%	135	76%
6/14-6/20/2020	113	49	43%	68	60%
6/21-6/27/2020	203	64	32%	70	35%
6/28-7/4/2020	253	145	57%	166	66%
7/5-7/11/2020	293	167	57%	185	63%
7/12-7/18/2020	381	189	50%	226	59%
7/19-7/25/2020	414	228	55%	249	60%
7/26-8/1/2020	428	275	64%	326	76%
8/2-8/8/2020	382	280	73%	305	80%
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%

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

Graph 3: Case notification to investigation completion interval in days (9/13-9/19/2020)

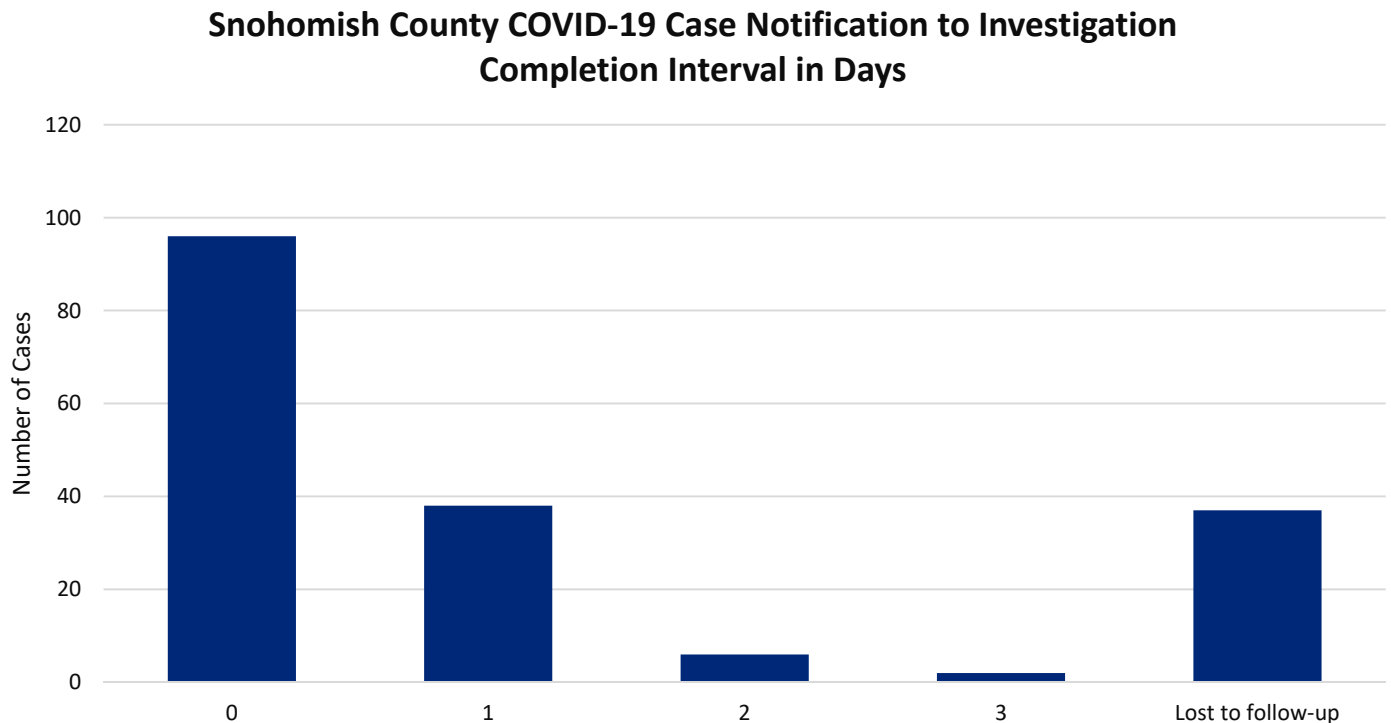


Table 3: Contact notification performance:

Week	Contacts identified	Number contacted within 48 hours	Percent contacted within 48 hours
5/31-6/6/2020	150	135	90%
6/7-6/13/2020	178	110	62%
6/14-6/20/2020	---	---	---
6/21-6/27/2020	86	51	59%
6/28-7/4/2020	323	204	63%
7/5-7/11/2020	410	378	92%
7/12-7/18/2020	436	413	95%
7/19-7/25/2020	537	446	83%
7/26-8/1/2020	429	349	81%
8/2-8/2/2020	475	357	75%
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	Not reported due to Snohomish County IT upgrade. Will report as soon as issue is resolved.		

Data source: Snohomish Health District contact database. Data unavailable for week 6/14-6/20/2020 due to DOH centralized investigations.

Table 4: Daily monitoring of COVID-19 cases and contacts

Week	Number in isolation	Case/contact-days in isolation/quarantine	Number of contact attempts	Successful contact episodes	Percent success
5/31-6/6/2020					
Cases	41	---	---	28	68%
Contacts	73	---	---	45	62%
6/7-6/13/220					
Cases	62	280	208	139	50%
Contacts	100	526	367	277	53%
6/14-6/20/2020					
Cases	27	111	76	51	46%
Contacts	115	690	532	397	58%
6/21-6/27/2020					
Cases	69	133	57	34	26%
Contacts	220	696	544	300	43%
6/28-7/4/2020					
Cases	176	556	458	309	56%
Contacts	384	1420	1360	782	55%
7/4-7/11/2020					
Cases	218	739	568	410	55%
Contacts	558	2560	1975	1404	55%

Data source: Snohomish Health District COVID-19 monitoring database

Table 4a: Daily monitoring of COVID-19 cases and contacts using Sara Alert system

Week	Cases Enrolled	Contacts Enrolled
7/5-7/11/2020	89	225
7/12-7/18/2020	138	428
7/19-7/25/2020	232	405
7/26-8/1/2020	237	451
8/2-8/8/2020	212	468
8/9-8/15/2020	179	392
8/16-8/22/2020	Not being conducted. Waiting for DOH system functionality improvements.	
8/23-8/29/2020	Not being conducted. Waiting for DOH system functionality improvements.	
8/30-9/5/2020	Not being conducted. Waiting for DOH system functionality improvements.	
9/6-9/12/2020	Not being conducted. Waiting for DOH system functionality improvements.	
9/13-9/19/2020	Not being conducted. Waiting for DOH system functionality improvements.	
Grand total	1,087	2,369

Data source: Sara Alert monitoring system

Table 5: Outbreak reporting 9/13-9/19/2020

Facility name	Facility type	Number of cases
Facility A	Adult family home	1
Facility B	Construction	3
Facility C	Dental	2
Facility D	Faith based services	2
Facility E	Faith based services	2
Facility F	Healthcare provider	3
Facility G	Healthcare provider	2
Facility H	Restaurant	2
Facility I	Retail	2
Total outbreaks	9	19

Data source: Snohomish Health District COVID-19 database.

SECTION B: COVID-19 2-WEEK SUMMARY

Table 6: Type of exposure among COVID-19 cases in Snohomish County 9/6-9/19/2020

Type of exposure	Number	Percent
Community acquired	143	34.8%
Close contact	193	47.0%
Long-term Care Facility Associated	13	3.2%
Healthcare Worker	9	2.2%
Nosocomial	<5	n/a
Travel	<5	n/a
Monroe Correctional Complex	<5	n/a
Unknown	48	11.7%
Grand Total	411	100.0%

Table 7: Current case status of COVID-19 cases in Snohomish County 9/6-9/19/2020

Current status	Number	Percent
Home isolation	340	82.7%
Hospitalized	6	1.5%
Recovered	18	4.4%
Unknown	47	11.4%
Grand Total	411	100.0%

Table 8: Sex at birth of COVID-19 cases in Snohomish County 9/6-9/19/2020

Sex at birth	Number	Percent
Female	221	53.8%
Male	189	46.0%
Unknown	1	0.2%
Grand Total	411	100.0%

Table 9: Age group of COVID-19 cases in Snohomish County 9/6-9/19/2020

Age group in years	Number	Percent
0-14	45	11.1%
15-19	36	8.9%
20-29	77	19.1%
30-39	79	19.6%
40-49	50	12.4%
50-59	53	13.1%
60-69	28	6.9%
70-79	23	5.7%
80+	13	3.2%
Grand Total*	404	100.0%

*Probable cases may have incomplete demographic data.

Table 10: Underlying health conditions of COVID-19 cases in Snohomish County 9/6-9/19/2020

Underlying health condition	Number	Percent
No	237	57.7%
Yes	114	27.7%
Unknown	60	14.6%
Grand Total	411	100.0%

Table 11: Hospitalization of COVID-19 cases in Snohomish County 9/6-9/19/2020

Ever hospitalized	Number	Percent
No	347	84.4%
Yes	16	3.9%
Unknown	48	11.7%
Grand Total	411	100.0%

Table 12: City of residence of COVID-19 cases in Snohomish County 9/6-9/19/2020

City	Number	Percent
Arlington	14	3.4%
Bothell	31	7.5%
Brier	<5	n/a
Edmonds	20	4.9%
Everett	100	24.3%
Gold Bar	<5	n/a
Granite Falls	6	1.5%
Lake Stevens	29	7.1%
Lynnwood	54	13.1%
Marysville	47	11.4%
Mill Creek	7	1.7%
Monroe	30	7.3%
Mountlake Terrace	7	1.7%
Mukilteo	8	1.9%
Snohomish	33	8.0%
Stanwood	12	2.9%
Startup	<5	n/a
Sultan	<5	n/a
Tulalip	<5	n/a
Woodinville	<5	n/a
Grand Total	411	100.0%

SECTION C: COVID-19 CUMULATIVE SUMMARY

Table 13: Type of exposure among COVID-19 cases in Snohomish County

Type of exposure	Number	Percent
Community acquired	2743	35.0%
Close contact	2706	34.5%
Long-term Care Associated	787	10.0%
HCW	357	4.6%
Travel	125	1.6%
Monroe Correctional Complex	72	0.9%
Nosocomial	32	0.4%
Unknown	1001	12.8%
Refused	14	0.2%
Grand Total	7837	100.0%

Graph 4: Type of exposure among Snohomish County COVID-19 cases by month of illness onset

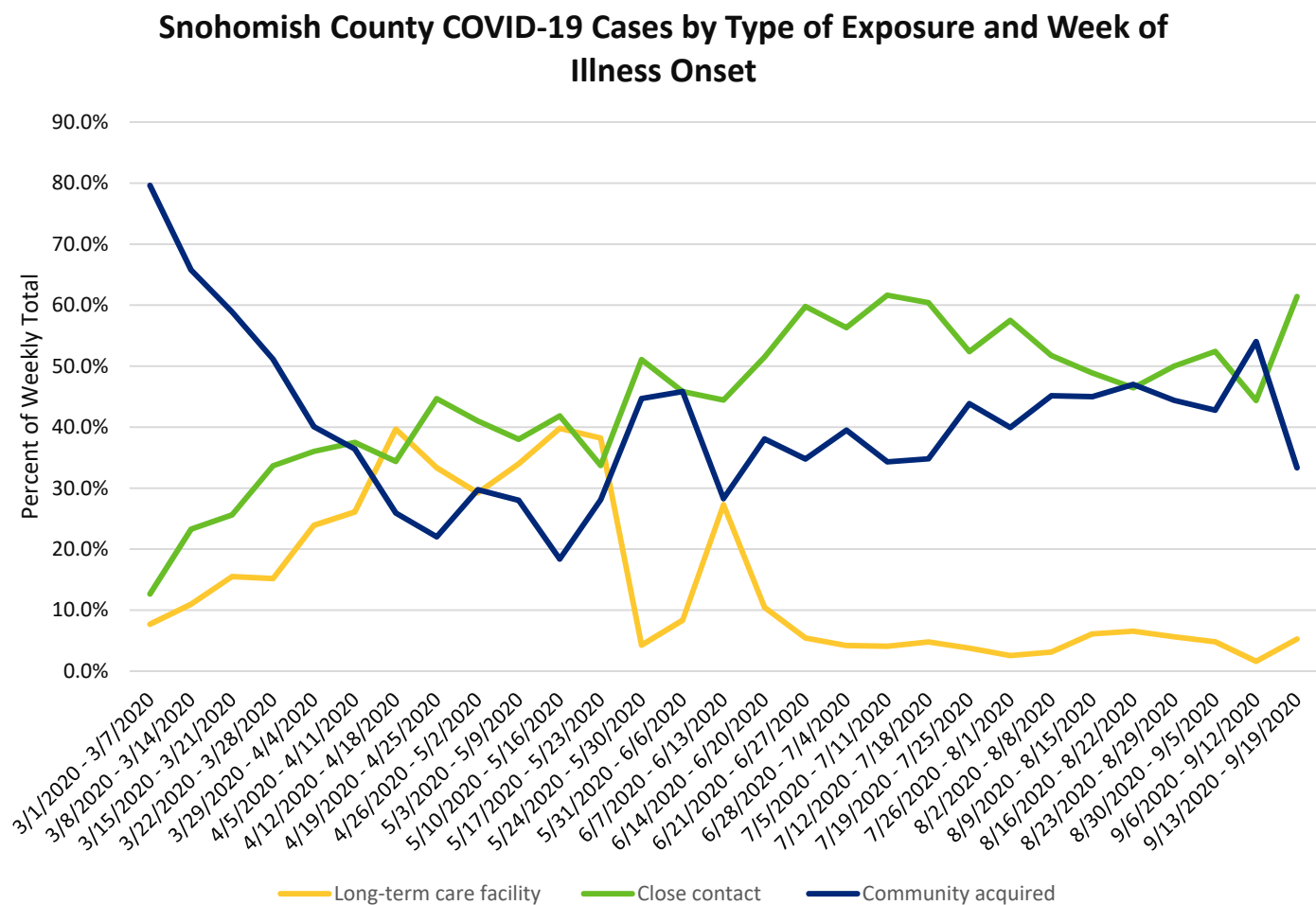


Table 14: Symptom status of confirmed COVID-19 cases in Snohomish County by month of report

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	46 (12%)	336 (88%)	382
Grand Total	663 (11.3%)	5,191 (88.7%)	5,667

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

Table 15: Gender of COVID-19 cases in Snohomish County

Gender	Number	Percent
Female	4146	52.9%
Male	3690	47.1%
Unknown*	1	0.0%
Grand Total	7837	100.0%

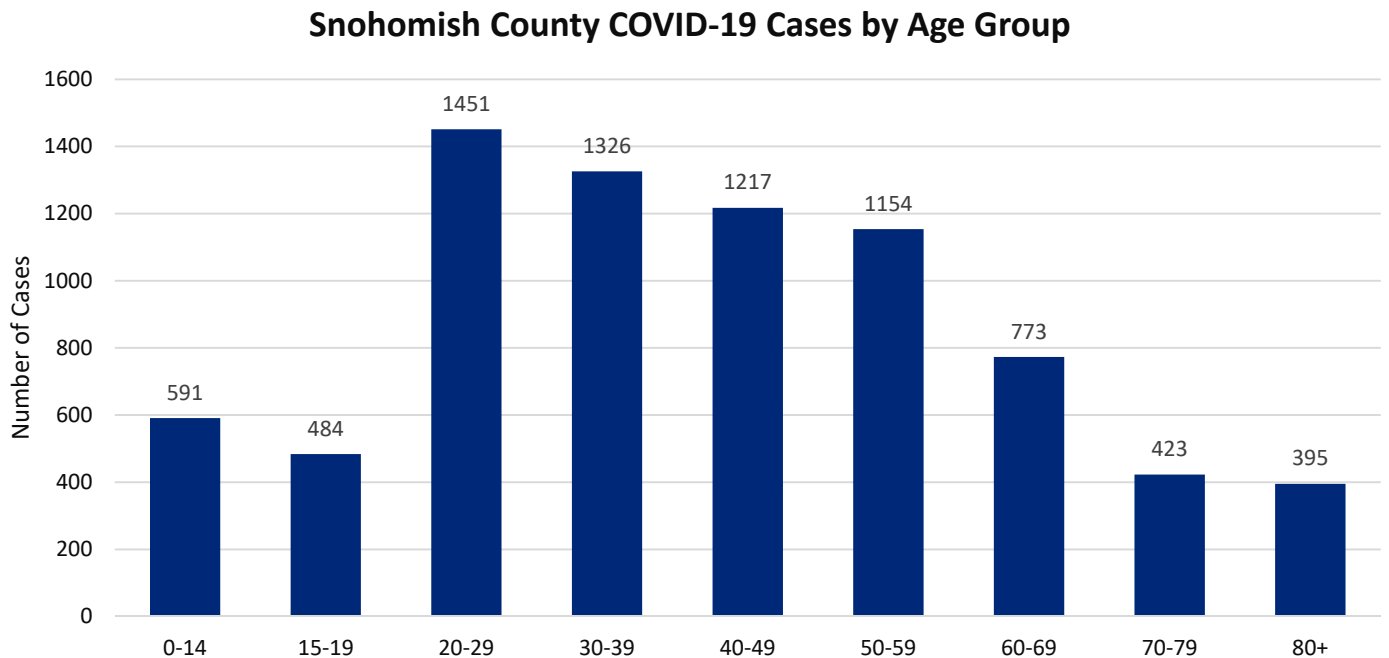
*Probable cases may have incomplete demographic data.

Table 16: Age group of COVID-19 cases in Snohomish County

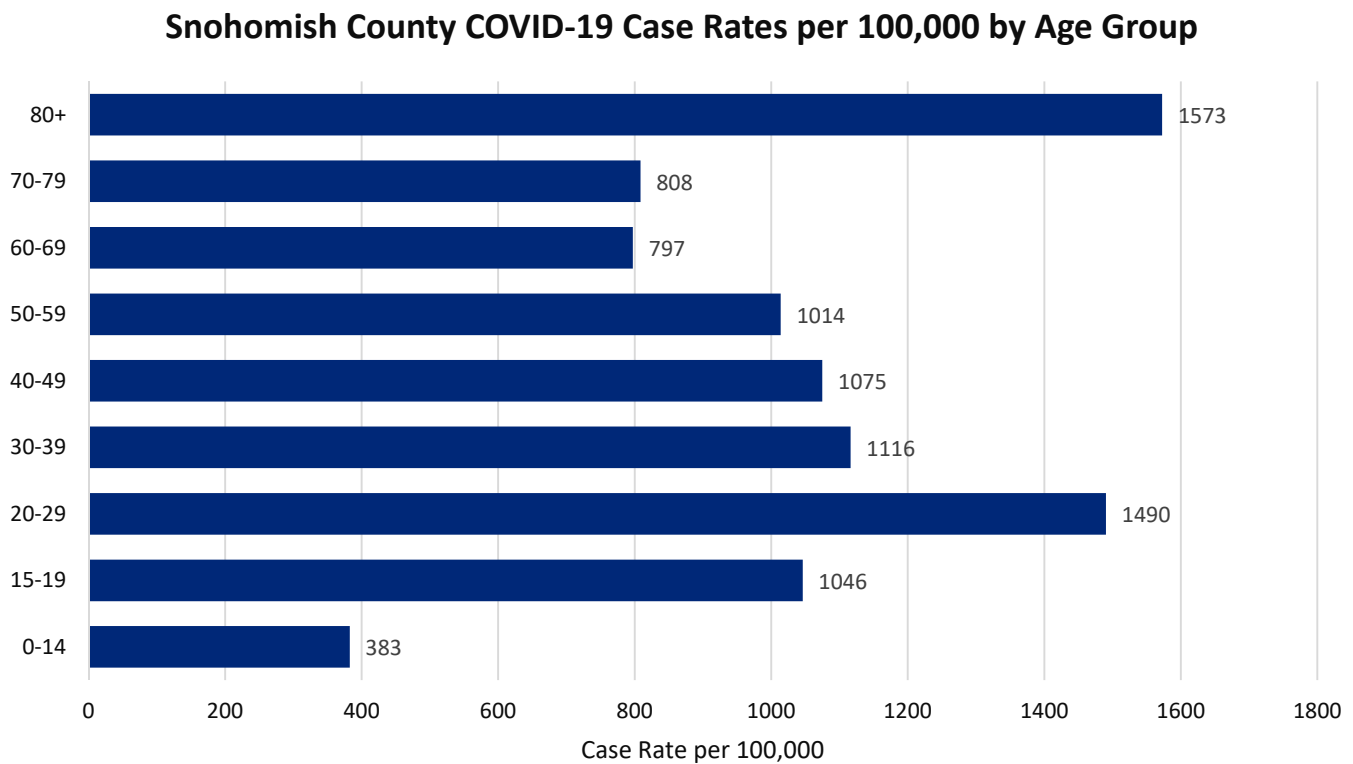
Age group in years	Number	Percent
0-14	591	7.6%
15-19	484	6.2%
20-29	1451	18.6%
30-39	1326	17.0%
40-49	1217	15.6%
50-59	1154	14.8%
60-69	773	9.9%
70-79	423	5.4%
80+	395	5.1%
Grand Total*	7814	100.0%

*Probable cases may have incomplete demographic data.

Graph 5: Snohomish County COVID-19 cases by age group



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



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

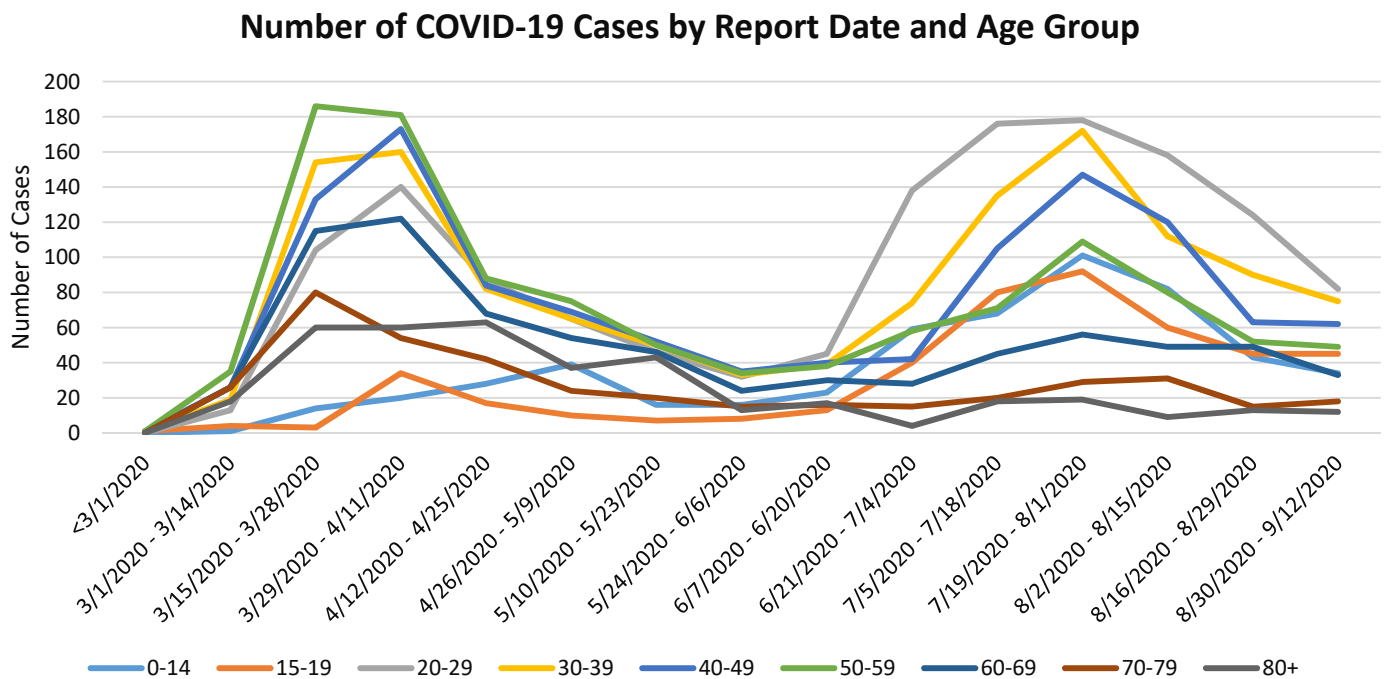


Table 17: Underlying health conditions of COVID-19 cases in Snohomish County

Underlying health condition	Number	Percent
No	3764	48.0%
Yes	2971	37.9%
Unknown	1102	14.1%
Grand Total	7837	100.0%

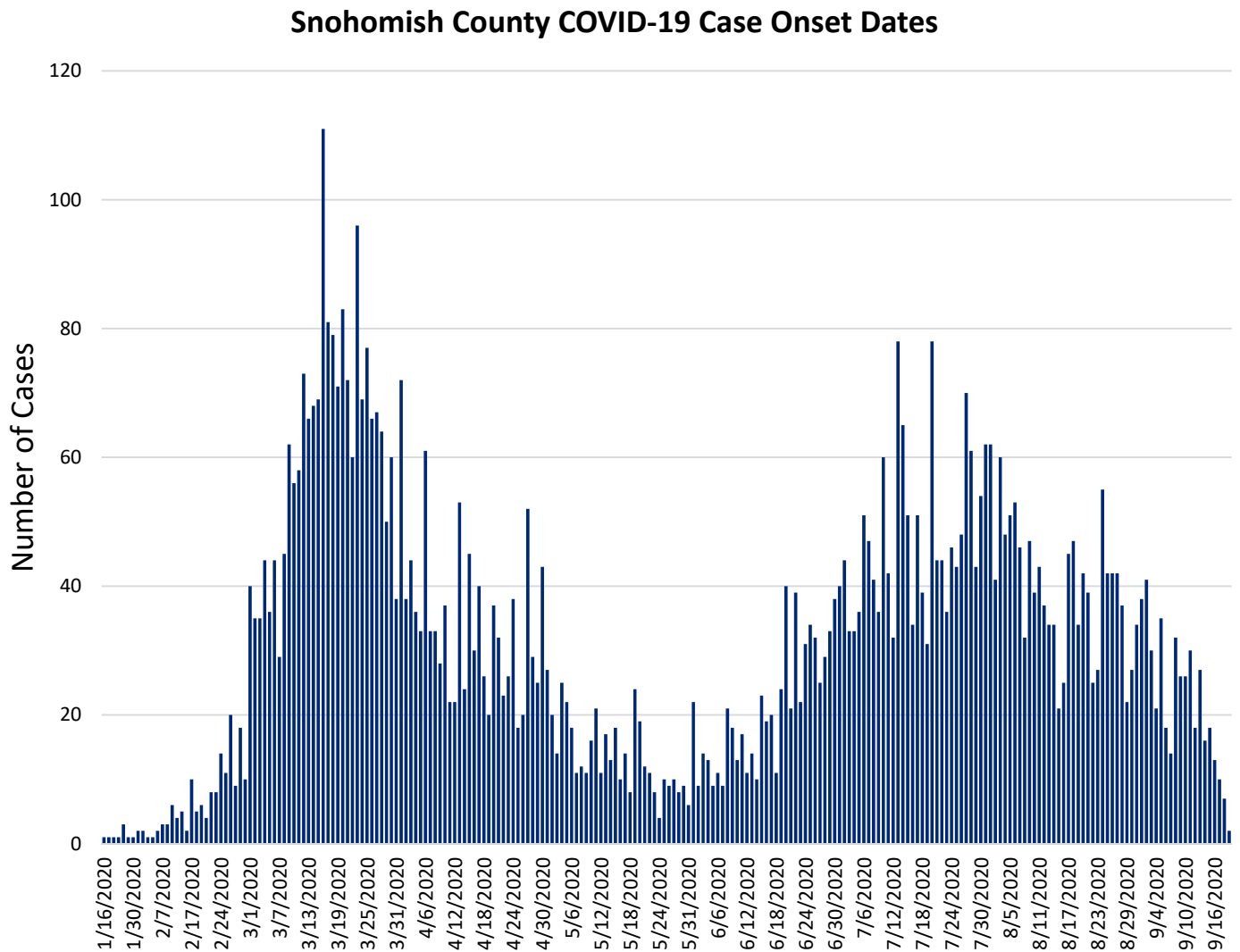
Table 18: Hospitalization of COVID-19 cases in Snohomish County

Ever hospitalized	Number	Percent
No	6045	77.1%
Yes	736	9.4%
Unknown	1056	13.5%
Grand Total	7837	100.0%

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

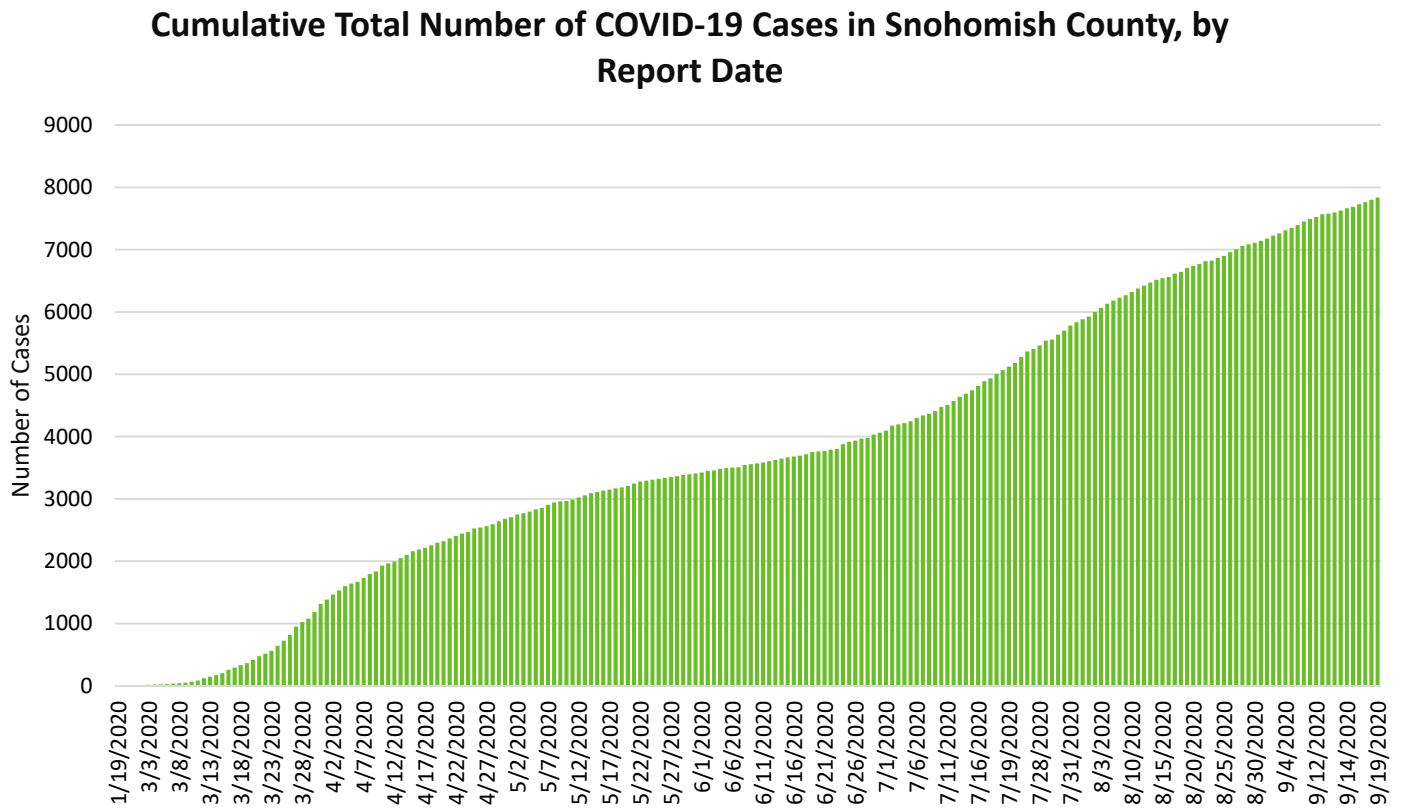
City	Number recovered	Total number	Percent of total
Arlington	297	326	4.3%
Bothell	496	554	7.3%
Brier	34	36	0.5%
Darrington	10	11	0.1%
Edmonds	525	593	7.8%
Everett	1958	2180	28.6%
Gold Bar	16	19	0.2%
Granite Falls	47	54	0.7%
Lake Stevens	313	359	4.7%
Lynnwood	1084	1195	15.7%
Marysville	593	676	8.9%
Mill Creek	105	125	1.6%
Monroe	295	343	4.5%
Mountlake Terrace	191	203	2.7%
Mukilteo	113	127	1.7%
North Lakewood	<5	<5	n/a
Silvana	1	1	0.0%
Snohomish	443	493	6.5%
Stanwood	172	196	2.6%
Startup	<5	<5	n/a
Sultan	34	36	0.5%
Tulalip	47	54	0.7%
Woodinville	25	29	0.4%
Woodway	15	15	0.2%
Unknown	<5	<5	n/a
Grand Total	6820	7633	100.0%

Graph 8: Snohomish County COVID-19 epidemiologic curve

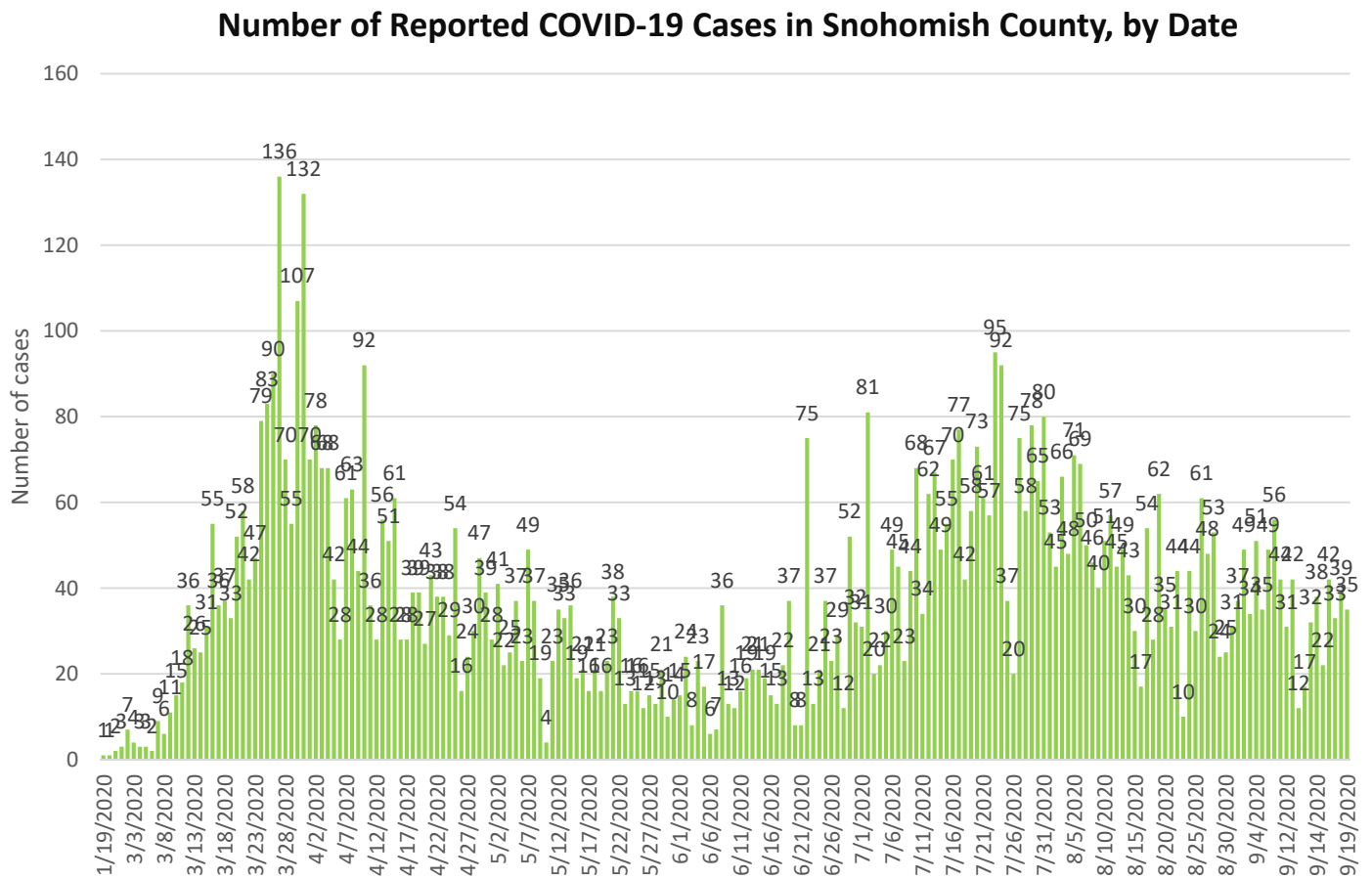


Note: data for the most recent week (far right end) of the figure are not complete, and those counts are likely to increase with completion of pending investigations.

Graph 9: Cumulative total COVID-19 cases in Snohomish County by report date



Graph 10: Number of Snohomish County COVID-19 cases reported by day



Graph 11: Status of Snohomish County COVID-19 cases

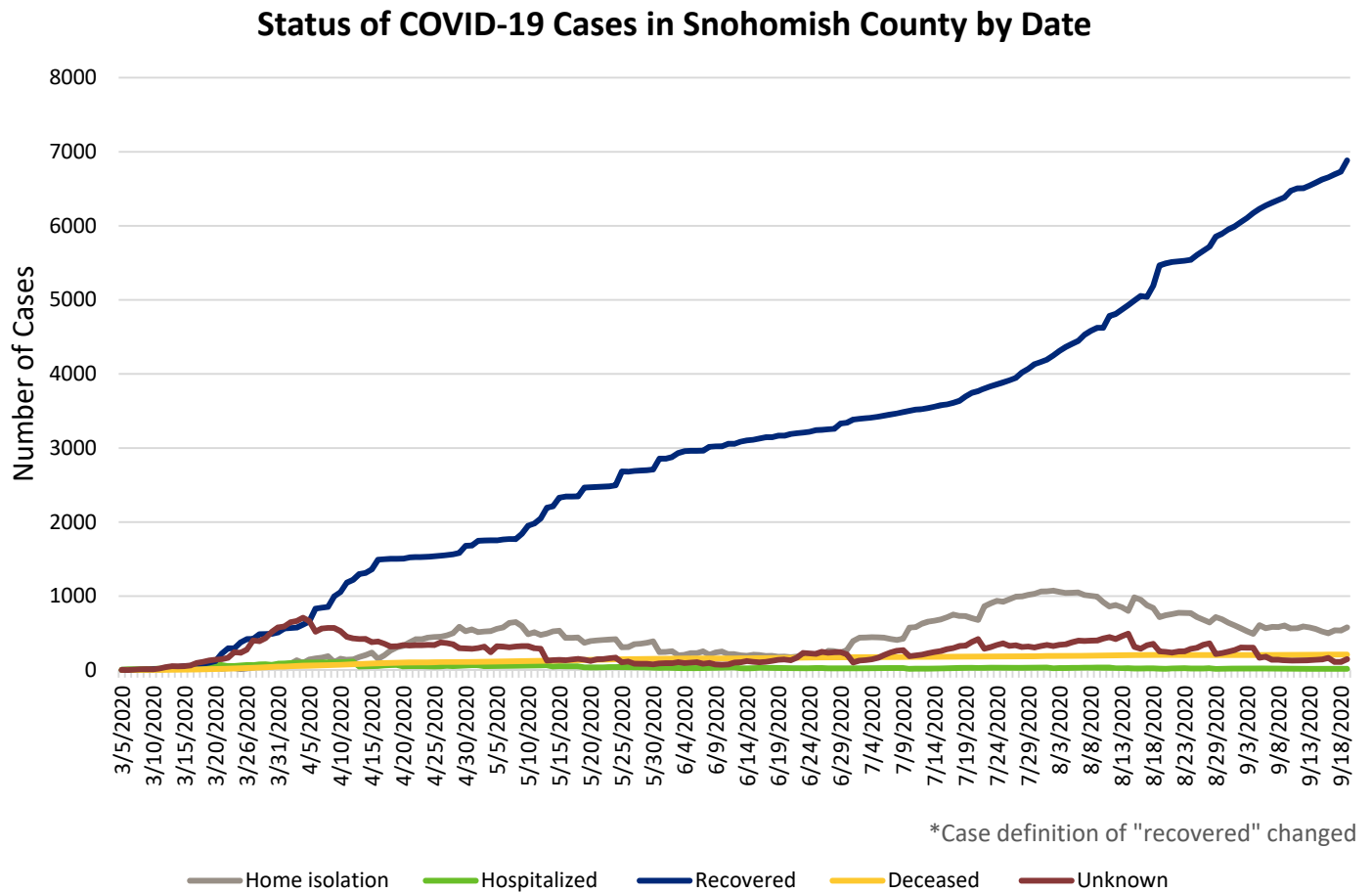


Table 20: Current case status of COVID-19 cases in Snohomish County

Current status	Number	Percent
Recovered	6884	87.8%
Home isolation	577	7.4%
Hospitalized	16	0.2%
Deceased	209	2.7%
Unknown	151	1.9%
Grand Total	7837	100.0%

Table 21: Current status of LTCF-associated COVID-19 cases

Current status	Number	Percent
Recovered	665	84.5%
Home isolation	19	2.4%
Hospitalized	<5	n/a
Deceased	100	12.7%
Unknown	<5	n/a
Grand Total	787	100.0%

Table 22: LTCF-associated cases ever hospitalized for COVID-19 illness

Ever hospitalized	Residents	Staff
No	229 (59.0%)	342 (87.0%)
Yes	155 (39.9%)	24 (6.1%)
Unknown	4 (1.0%)	27 (6.9%)
Grand Total	388	393

Table 23: LTCF and adult family home COVID-19 outbreaks (note only outbreaks with >5 cases are listed)

KEY	Number	Percent of total LTCF-associated cases	Outbreak resolved
A	79	15.7%	Yes
B	46	9.1%	Yes
C	45	8.9%	Yes
D	43	8.5%	Yes
E	38	7.5%	Yes
F	33	6.5%	Yes
G	33	6.5%	Yes
H	31	6.2%	Yes
I	27	5.4%	Yes
J	22	4.4%	Yes
K	16	3.2%	Yes
L	13	2.6%	Yes
M	12	2.4%	Yes
N	9	1.8%	Yes
O	8	1.6%	No
P	7	1.4%	No
Q	7	1.4%	Yes
R	7	1.4%	Yes
S	6	1.2%	Yes
T	6	1.2%	Yes
U	6	1.2%	Yes
V	5	1.0%	Yes
W	5	1.0%	Yes
Grand Total	504	100.0%	

Table 24: Type of LTCF-associated COVID-19 case

Type	Number	Percent
Staff	393	49.9%
Resident	388	49.3%
Visitor	5	0.6%
Other	1	0.1%
Grand Total	787	100.0%

SECTION E: COVID-19 DEATHS

Graph 14: Snohomish County COVID-19 deaths by date of death

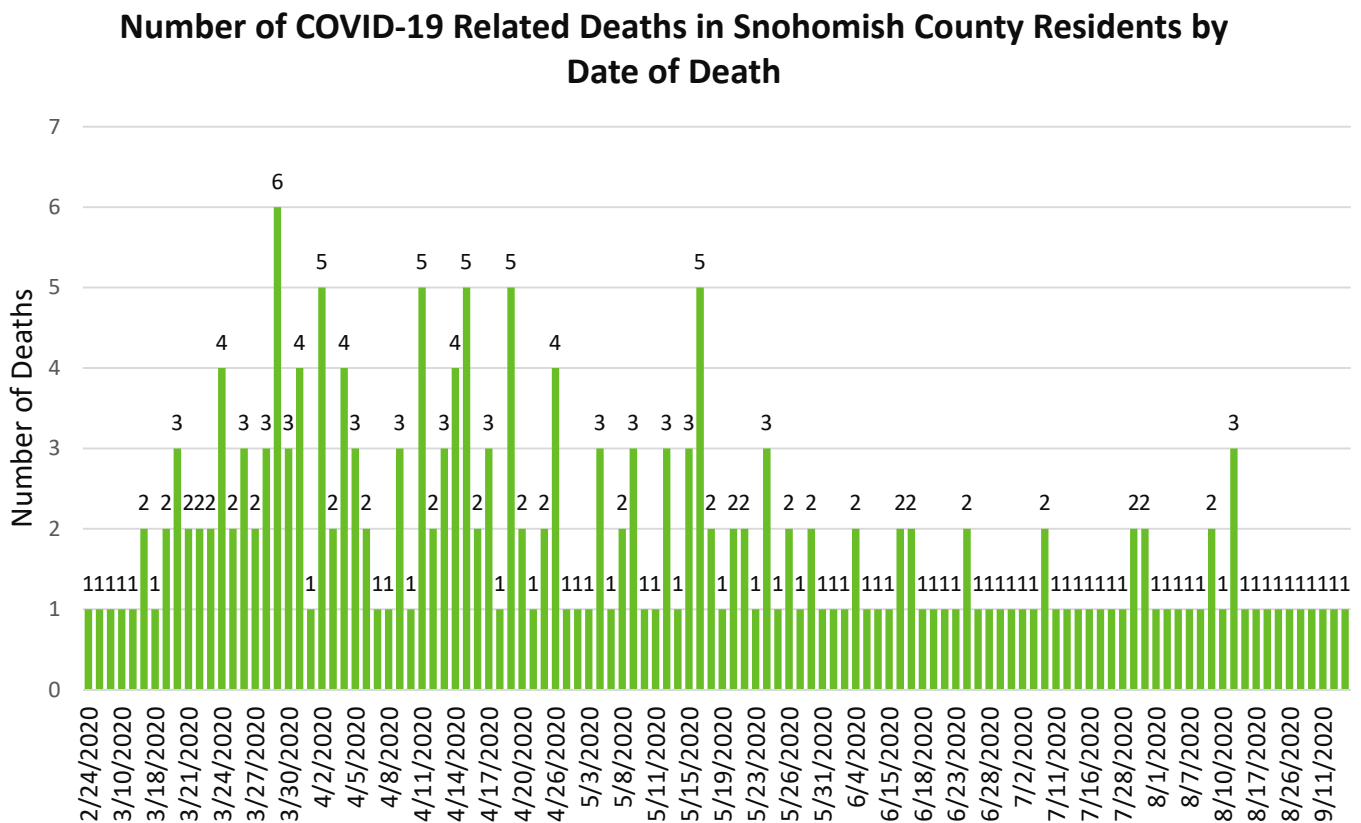


Table 25: Gender of COVID-19 deaths in Snohomish County

Gender	Number	Percent
Female	93	44.5%
Male	116	55.5%
Grand Total	209	100.0%

Table 26: 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	1.0%	Not calculated <5	0.1%
30-39	2	1.0%	Not calculated <5	0.2%
40-49	10	4.8%	8.8	0.8%
50-59	15	7.2%	13.2	1.3%
60-69	25	12.0%	25.8	3.3%
70-79	59	28.2%	112.8	14.3%
80+	96	45.9%	382.2	24.3%
Grand Total	209	100.0%	25.2	2.7%

Graph 15: Number of Snohomish County COVID-19 deaths by age group

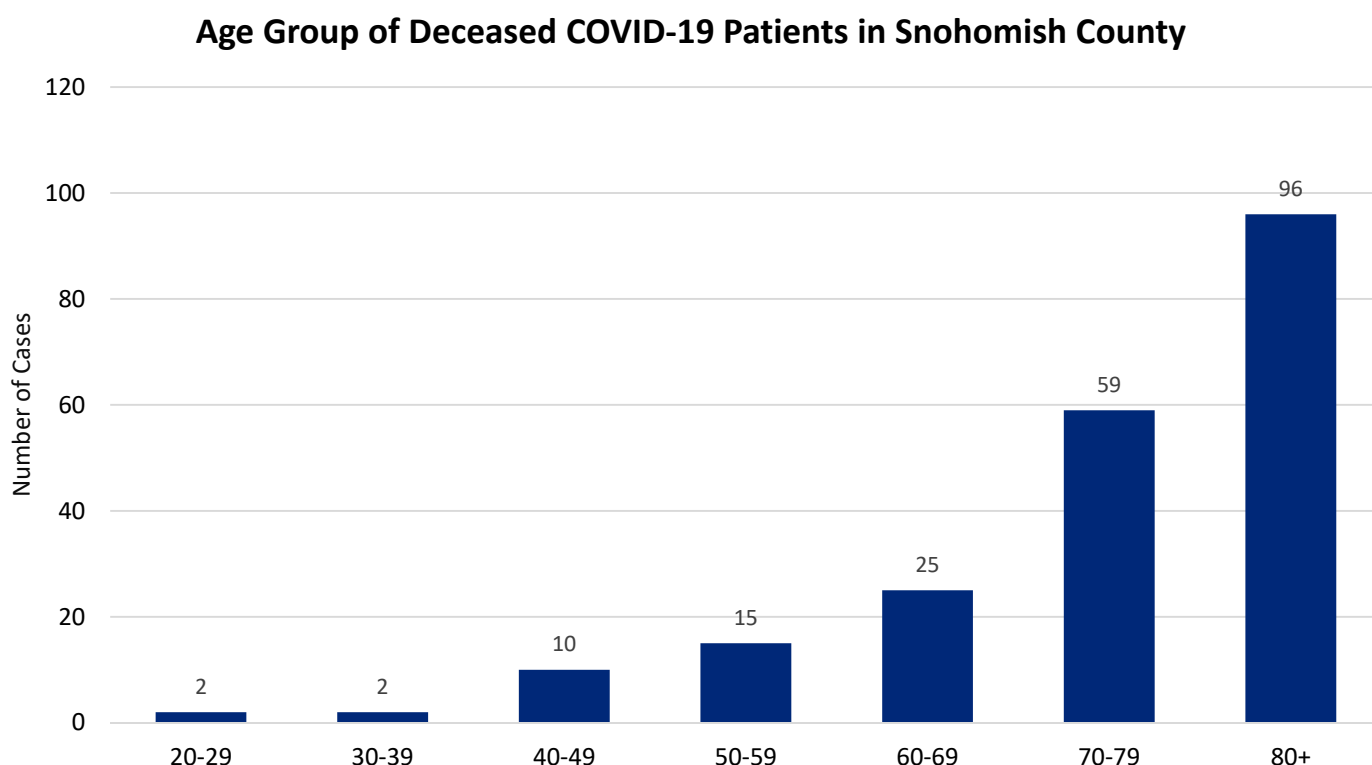


Table 27: Underlying health conditions of COVID-19 deaths in Snohomish County

Underlying health condition	Number	Percent
Yes	198	94.7%
No	9	4.3%
Unknown	2	1.0%
Grand Total	209	100.0%

Table 28: Hospitalization of COVID-19 cases in Snohomish County

Ever hospitalized	Number	Percent
Yes	159	76.1%
No	49	23.4%
Unknown	1	0.5%
Grand Total	209	100.0%

Table 29: Type of exposure among COVID-19 deaths in Snohomish County

Type of exposure	Number	Percent
Long term care associated	100	47.8%
Community acquired	73	34.9%
Close contact	16	7.7%
Nosocomial	10	4.8%
Travel	3	1.4%
Unknown	7	3.3%
Grand Total	209	100.0%

Table 30: City of residence of COVID-19 deaths in Snohomish County

City	Number	Percent
Arlington	4	1.9%
Bothell	14	6.7%
Edmonds	34	16.2%
Everett	77	36.7%
Lake Stevens	3	1.4%
Lynnwood	27	12.9%
Marysville	21	10.0%
Mill Creek	6	2.9%
Monroe	1	0.5%
Mountlake Terrace	3	1.4%
Mukilteo	1	0.5%
Snohomish	4	1.9%
Stanwood	10	4.8%
Sultan	1	0.5%
Tulalip	3	1.4%
Woodinville	1	0.5%
Grand Total	210	100.0%