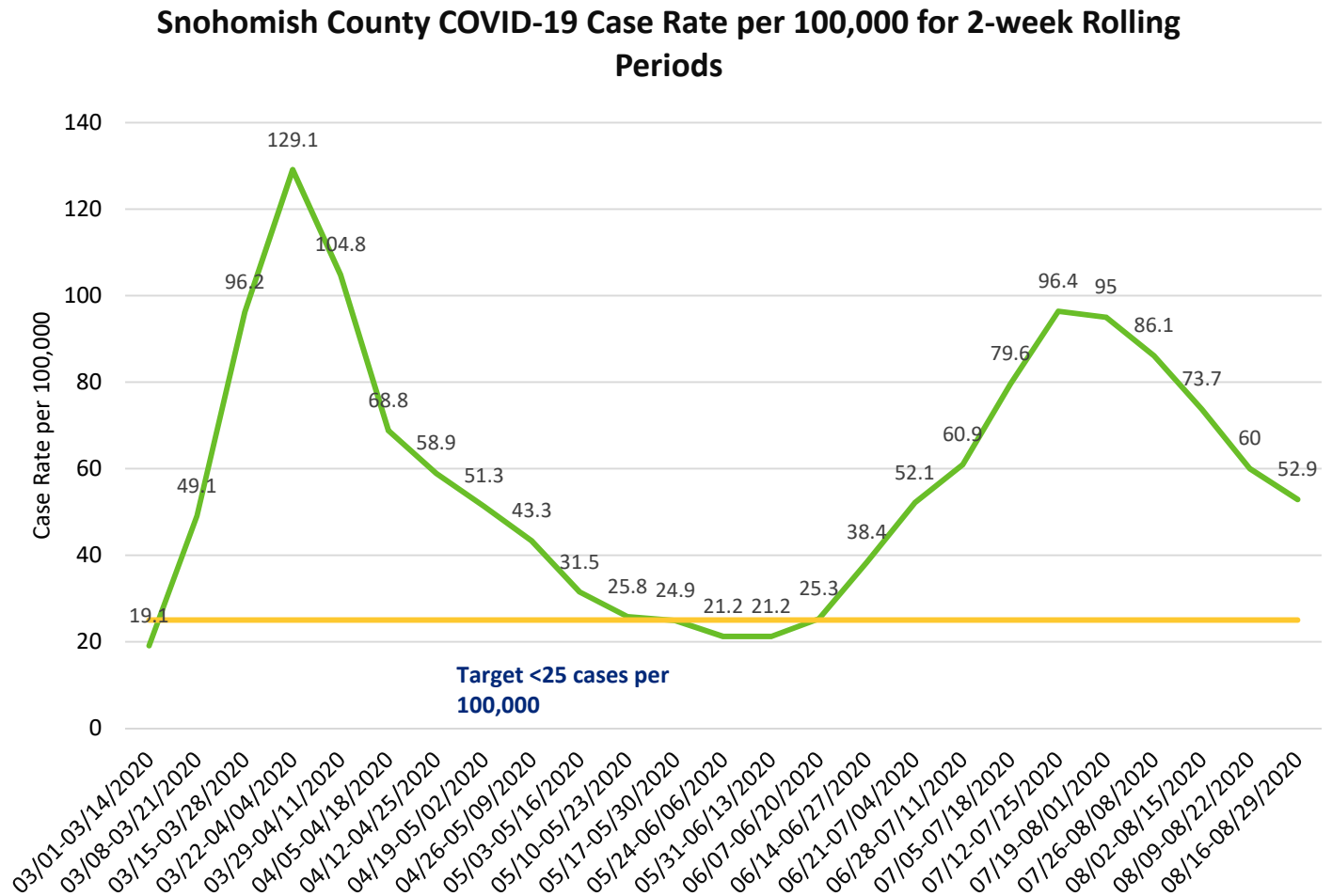


COVID-19 Update for Week Ending August 29, 2020

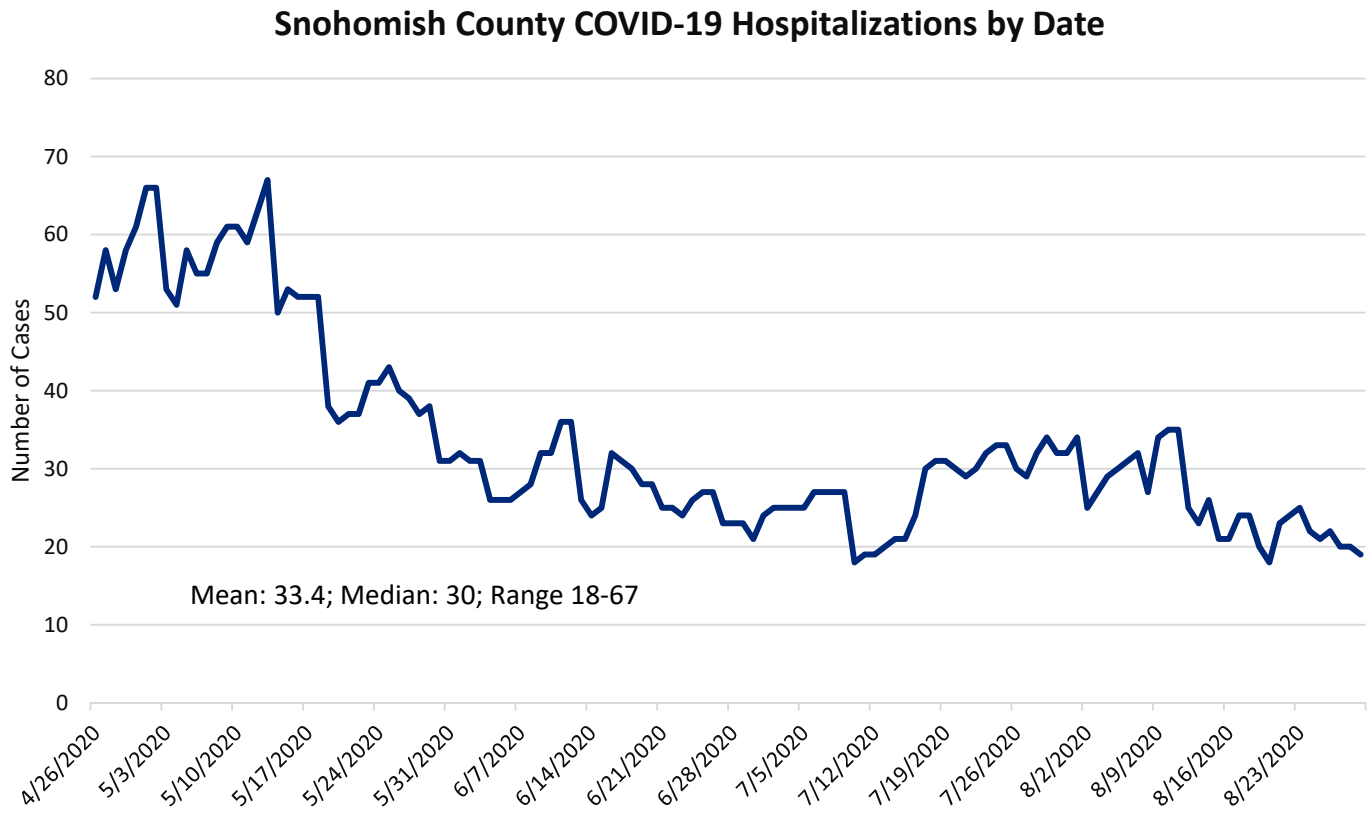
SECTION A: SUPPORTING DATA FOR COVID-19 SAFE START PHASE 2 METRICS

Graph 1: Snohomish County COVID-19 case rates per 100,000, March 1st through August 29th, 2020



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	3698	3623	66	1.8%
6/7-6/13/2020	4358	4251	107	2.5%
6/14-6/20/2020	3799	3627	172	4.5%
6/21-6/27/2020	4304	4087	217	5.0%
6/28-7/4/2020	5238	4981	257	4.9%
7/5-7/11/2020	5933	5587	346	5.8%
7/12-7/18/2020	6388	6023	362	5.7%
7/19-7/25/2020	6421	6073	348	5.4%
7/26-8/1/2020	6443	6090	353	5.5%
8/2-8/8/2020	6467	6151	316	4.9%
8/9-8/15/2020	6355	6108	247	3.9%
8/16-8/22/2020	6325	6121	204	3.2%
8/23-8/29/2020	5857	5631	226	3.9%
Total 8/2-8/29/2020 (4 week total)	25,004	24,011	993	4.0%

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

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%

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

Graph 3: Case notification to investigation completion interval in days (8/23-8/29/2020)

Snohomish County COVID-19 Case Notification to Investigation Completion Interval in Days

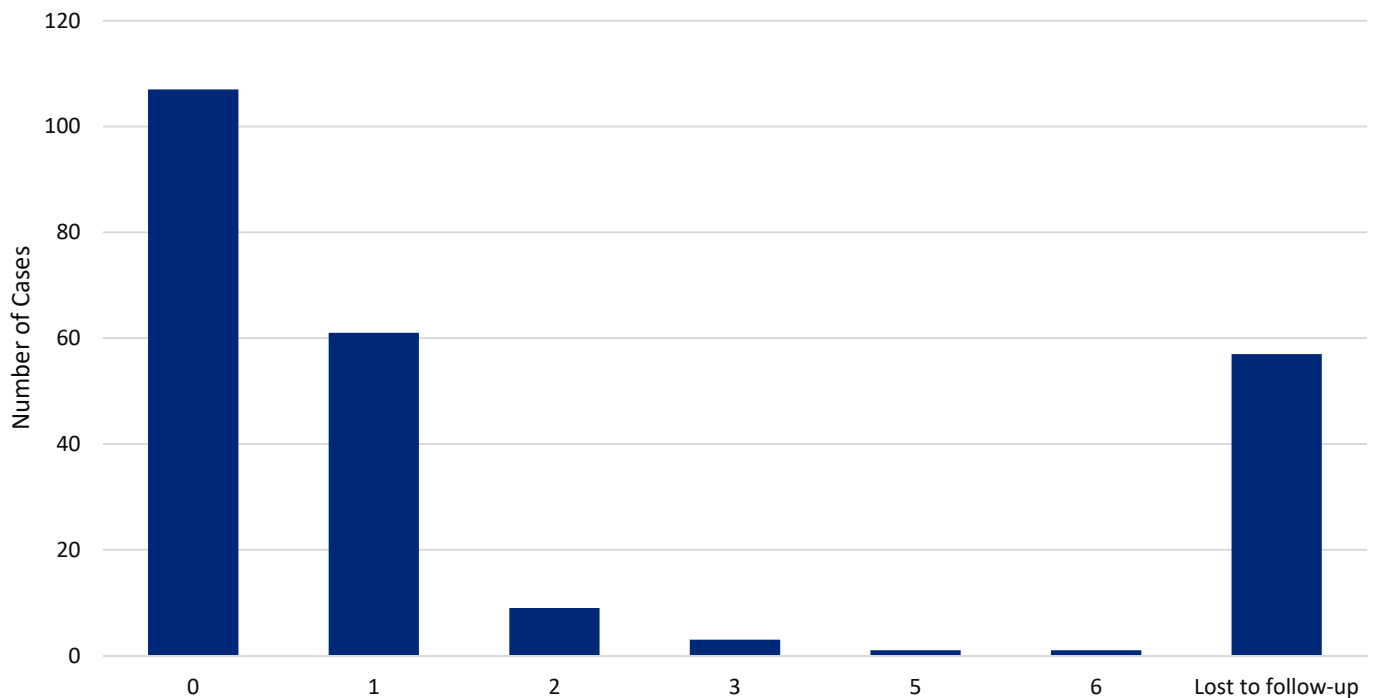


Table 3: Contact notification performance:

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%

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	No longer being conducted. Waiting for DOH system functionality improvements.	
8/23-8/29/2020	No longer being conducted. Waiting for DOH system functionality improvements.	
Grand total	1,087	2,369

Data source: Sara Alert monitoring system

Table 5: Outbreak reporting 8/23-8/29/2020

Facility name	Facility type	Number of cases
Facility A	Adult family home	2
Facility B	Restaurant	3
Facility C	LTCF	1
Facility D	Adult family home	7
Facility E	Construction	3
Total outbreaks	5	16

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 8/16-8/29/2020

Type of exposure	Number	Percent
Community acquired	185	37.6%
Close contact	169	34.3%
Long-term Care Facility Associated	17	3.5%
Healthcare Worker	9	1.8%
Nosocomial	<5	n/a
Travel	<5	n/a
Refused	<5	n/a
Pending investigation	15	3.0%
Unknown	93	18.9%
Grand Total	492	100.0%

Table 7: Current case status of COVID-19 cases in Snohomish County 8/16-8/29/2020

Current status	Number	Percent
Home isolation	358	72.8%
Hospitalized	9	1.8%
Recovered	18	3.7%
Unknown	107	21.7%
Grand Total	492	100.0%

Table 8: Sex at birth of COVID-19 cases in Snohomish County 8/16-8/29/2020

Sex at birth	Number	Percent
Female	252	51.2%
Male	240	48.8%
Grand Total	492	100.0%

Table 9: Age group of COVID-19 cases in Snohomish County 8/16-8/29/2020

Age group in years	Number	Percent
0-14	41	8.3%
15-19	45	9.1%
20-29	124	25.2%
30-39	91	18.5%
40-49	63	12.8%
50-59	52	10.6%
60-69	49	10.0%
70-79	14	2.8%
80+	13	2.6%
Grand Total	492	100.0%

Table 10: Underlying health conditions of COVID-19 cases in Snohomish County 8/16-8/29/2020

Underlying health condition	Number	Percent
No	241	49.0%
Yes	133	27.0%
Unknown	118	24.0%
Grand Total	492	100.0%

Table 11: Hospitalization of COVID-19 cases in Snohomish County 8/16-8/29/2020

Ever hospitalized	Number	Percent
No	363	73.8%
Yes	21	4.3%
Unknown	108	22.0%
Grand Total	492	100.0%

Table 12: City of residence of COVID-19 cases in Snohomish County 8/16-8/29/2020

City	Number	Percent
Arlington	20	4.1%
Bothell	32	6.5%
Darrington	<5	n/a
Edmonds	18	3.7%
Everett	146	29.7%
Gold Bar	<5	n/a
Granite Falls	<5	n/a
Lake Stevens	26	5.3%
Lynnwood	61	12.4%
Marysville	59	12.0%
Mill Creek	8	1.6%
Monroe	47	9.6%
Mountlake Terrace	9	1.8%
Mukilteo	6	1.2%
North Lakewood	<5	n/a
Silvana	<5	n/a
Snohomish	39	7.9%
Stanwood	<5	n/a
Sultan	<5	n/a
Tulalip	<5	n/a
Unknown	<5	n/a
Woodinville	<5	n/a
Woodway	<5	n/a
Grand Total	492	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	2414	34.4%
Close contact	2336	33.3%
Long-term Care Associated	761	10.8%
HCW	344	4.9%
Travel	120	1.7%
Monroe Correctional Complex	71	1.0%
Nosocomial	27	0.4%
Unknown	934	13.3%
Refused	14	0.2%
Grand Total	7021	100.0%

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

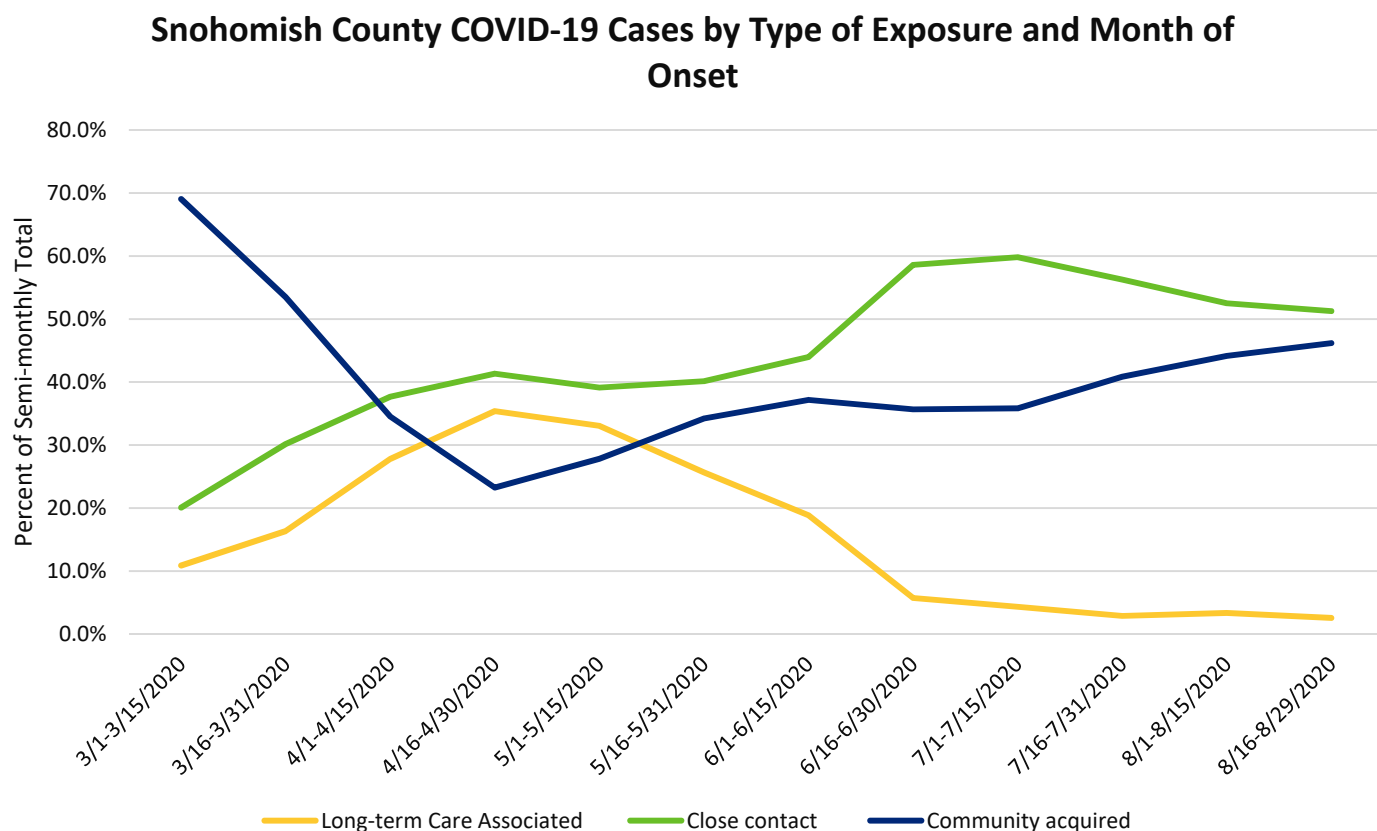


Table 14: Symptom status of confirmed COVID-19 cases in Snohomish County

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
Grand Total	617 (11.3%)	4,855 (88.7%)	5,285

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	3689	52.5%
Male	3332	47.5%
Grand Total	7021	100.0%

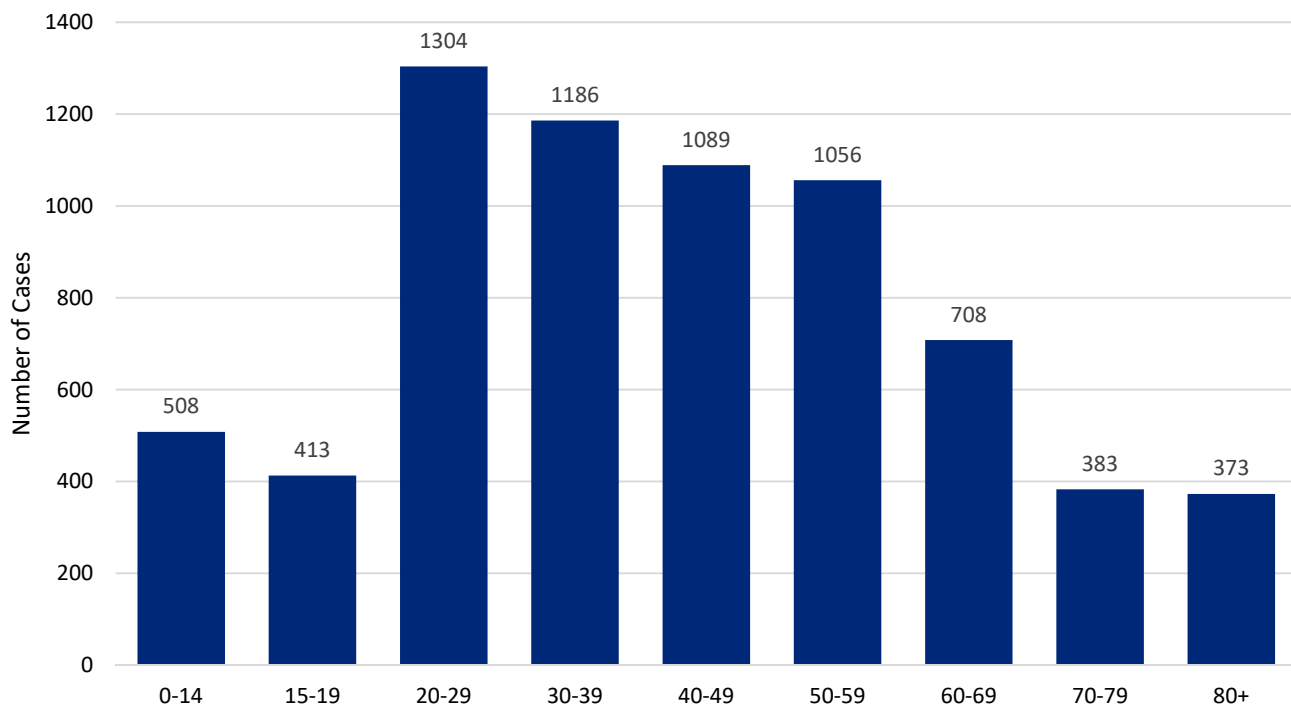
Table 16: Age group of COVID-19 cases in Snohomish County

Age group in years	Number	Percent
0-14	508	7.2%
15-19	413	5.9%
20-29	1304	18.6%
30-39	1186	16.9%
40-49	1089	15.5%
50-59	1056	15.0%
60-69	708	10.1%
70-79	383	5.5%
80+	373	5.3%
Grand Total	7020	100.0%

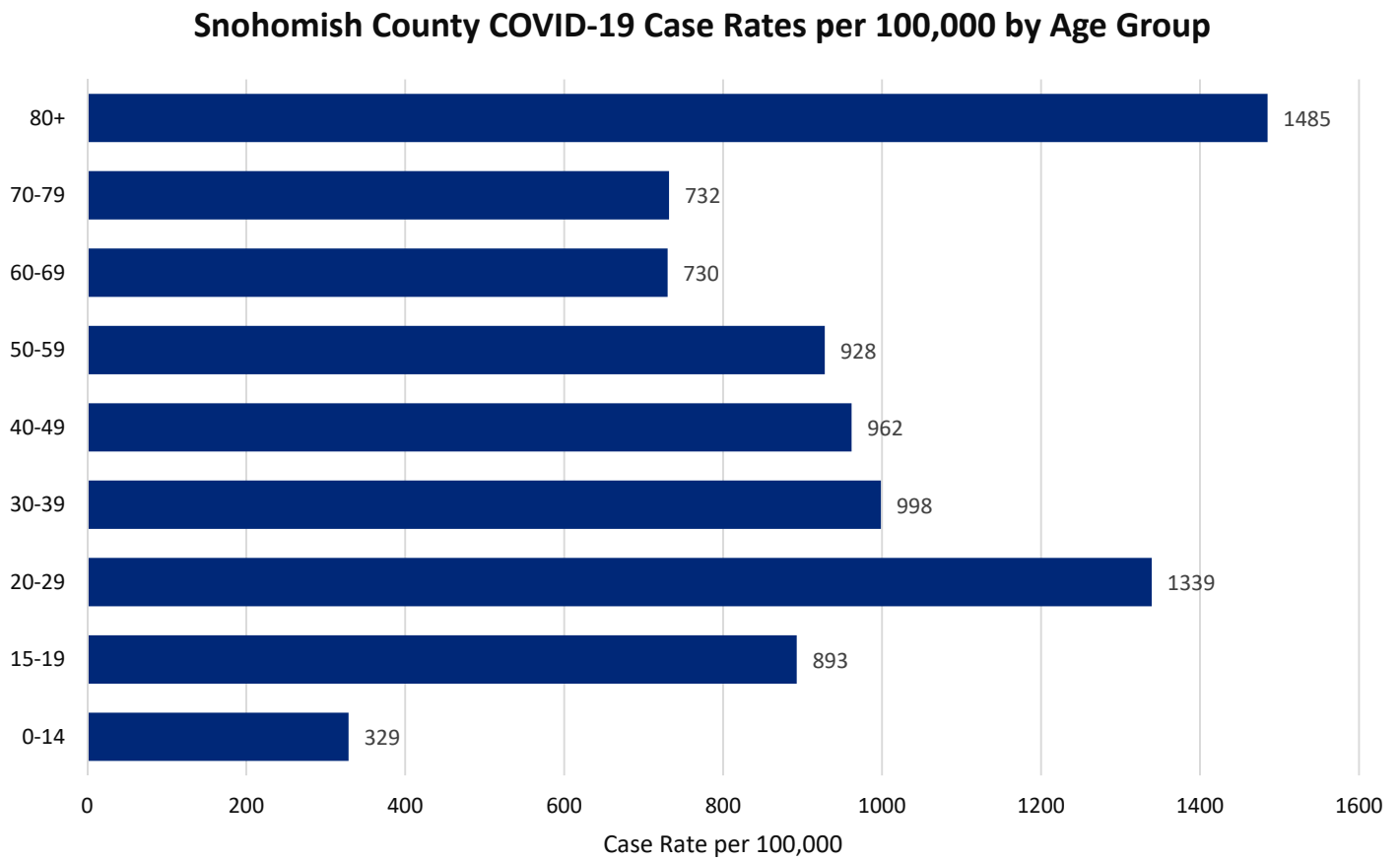
*Note: Unknown age for one probable case

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

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

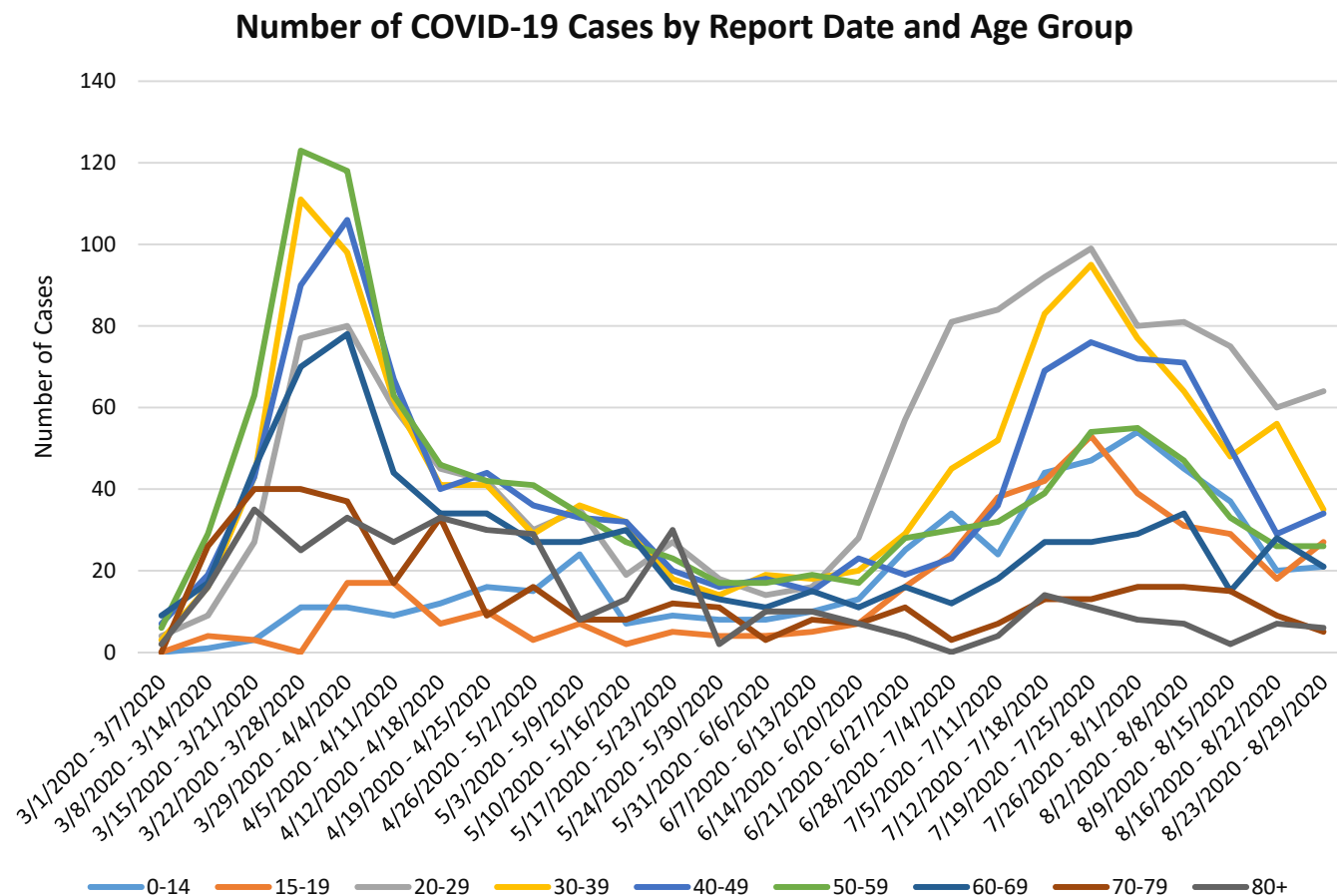


Table 17: Underlying health conditions of COVID-19 cases in Snohomish County

Underlying health condition	Number	Percent
No	3307	47.1%
Yes	2708	38.6%
Unknown	1006	14.3%
Grand Total	7021	100.0%

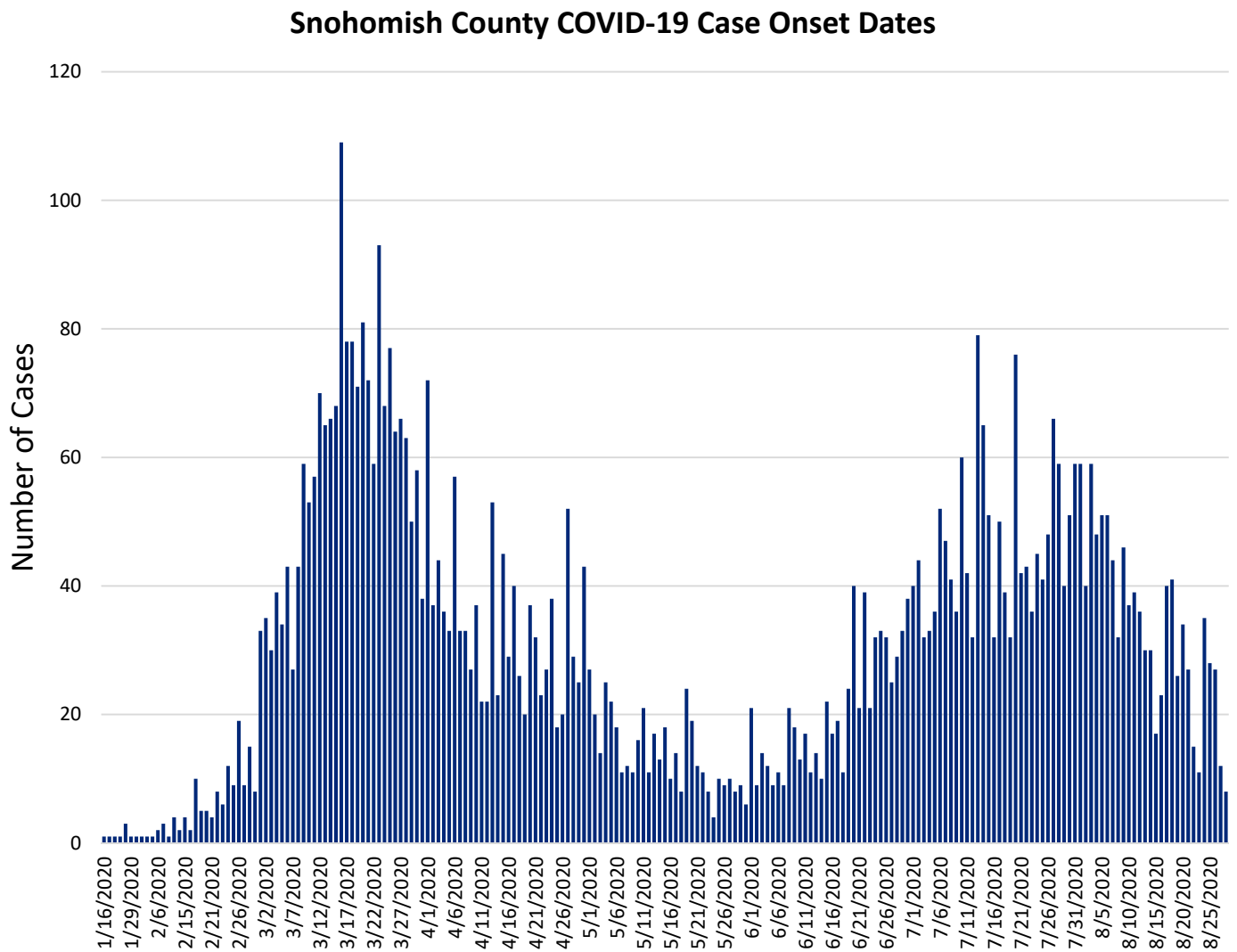
Table 18: Hospitalization of COVID-19 cases in Snohomish County

Ever hospitalized	Number	Percent
No	5330	75.9%
Yes	699	10.0%
Unknown	992	14.1%
Grand Total	7021	100.0%

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

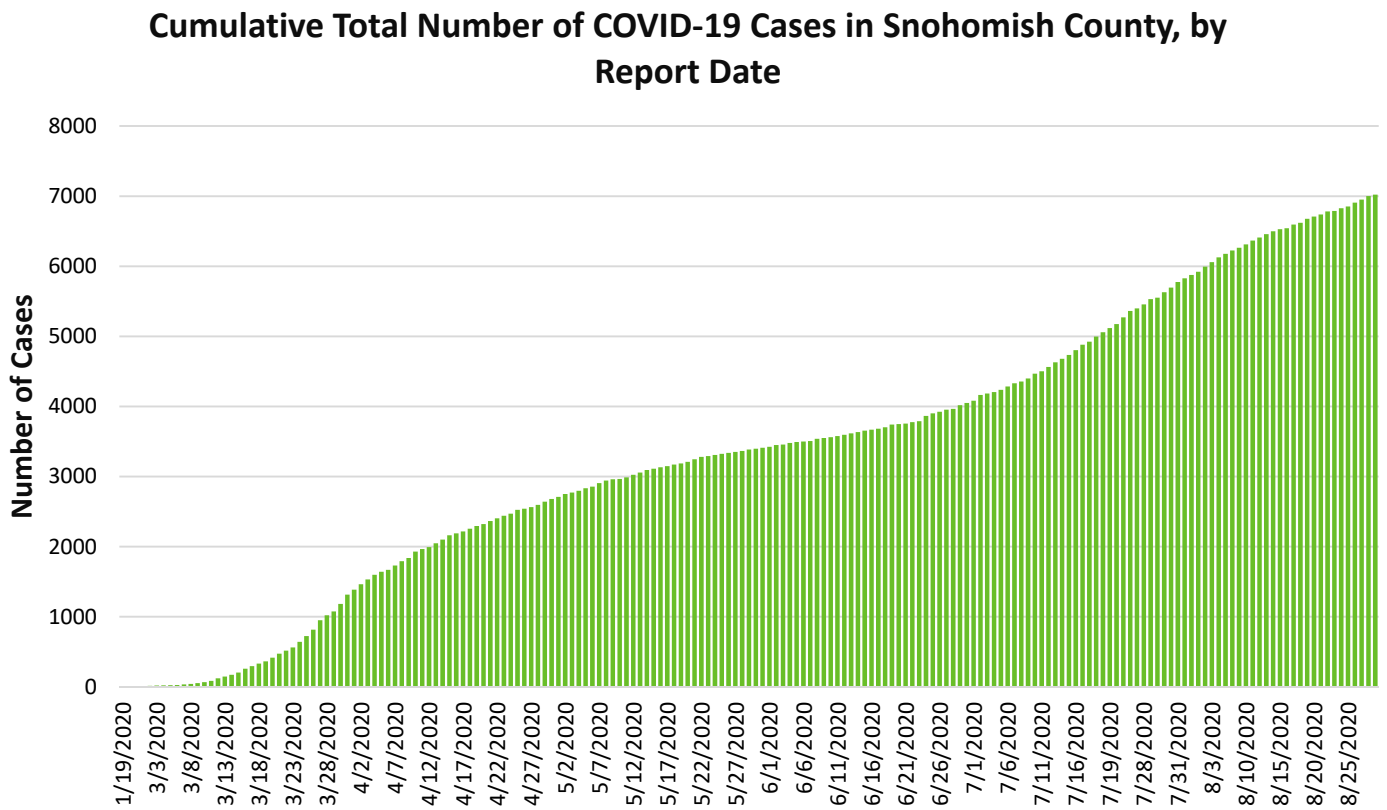
City	Number recovered	Total number	Percent of total
Arlington	257	304	4.3%
Bothell	444	506	7.2%
Brier	30	30	0.4%
Darrington	<5	11	n/a
Edmonds	480	554	7.9%
Everett	1733	2038	29.0%
Gold Bar	12	15	0.2%
Granite Falls	40	46	0.7%
Lake Stevens	278	324	4.6%
Lynnwood	975	1109	15.8%
Marysville	506	614	8.7%
Mill Creek	96	113	1.6%
Monroe	221	297	4.2%
Mountlake Terrace	171	194	2.8%
Mukilteo	100	110	1.6%
North Lakewood	<5	<5	n/a
Snohomish	377	445	6.3%
Stanwood	158	179	2.5%
Sultan	31	35	0.5%
Tulalip	41	50	0.7%
Woodinville	22	25	0.4%
Woodway	11	14	0.2%
Unknown	<5	<5	n/a
Silvana	<5	<5	n/a
Grand Total	5991	7021	100.0%

Graph 8: Snohomish County COVID-19 epidemiologic curve

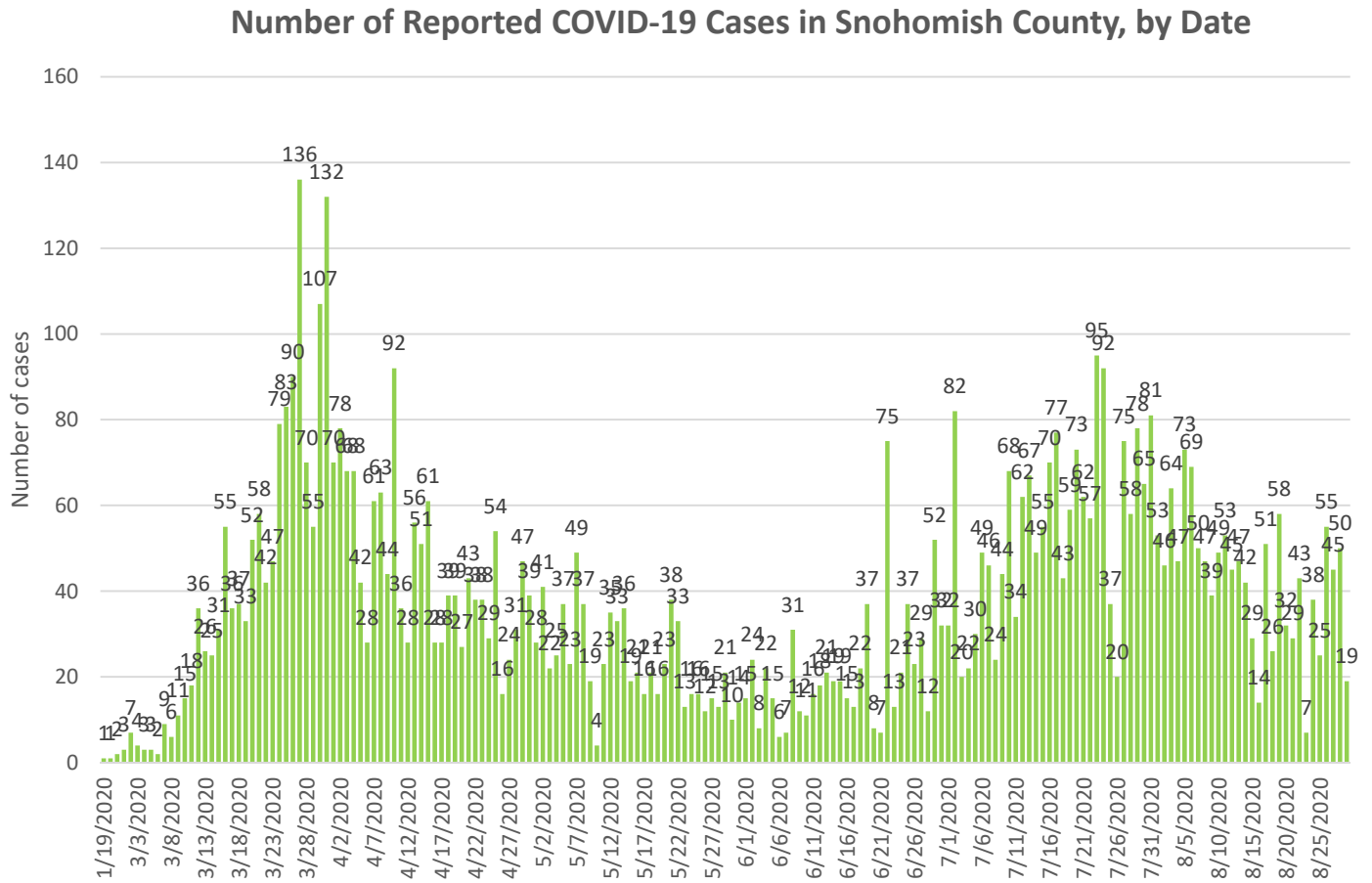


Note: data for the most recent week (far right end) of the figure are not complete and those counts are likely to increase with completion of pending investigations.

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

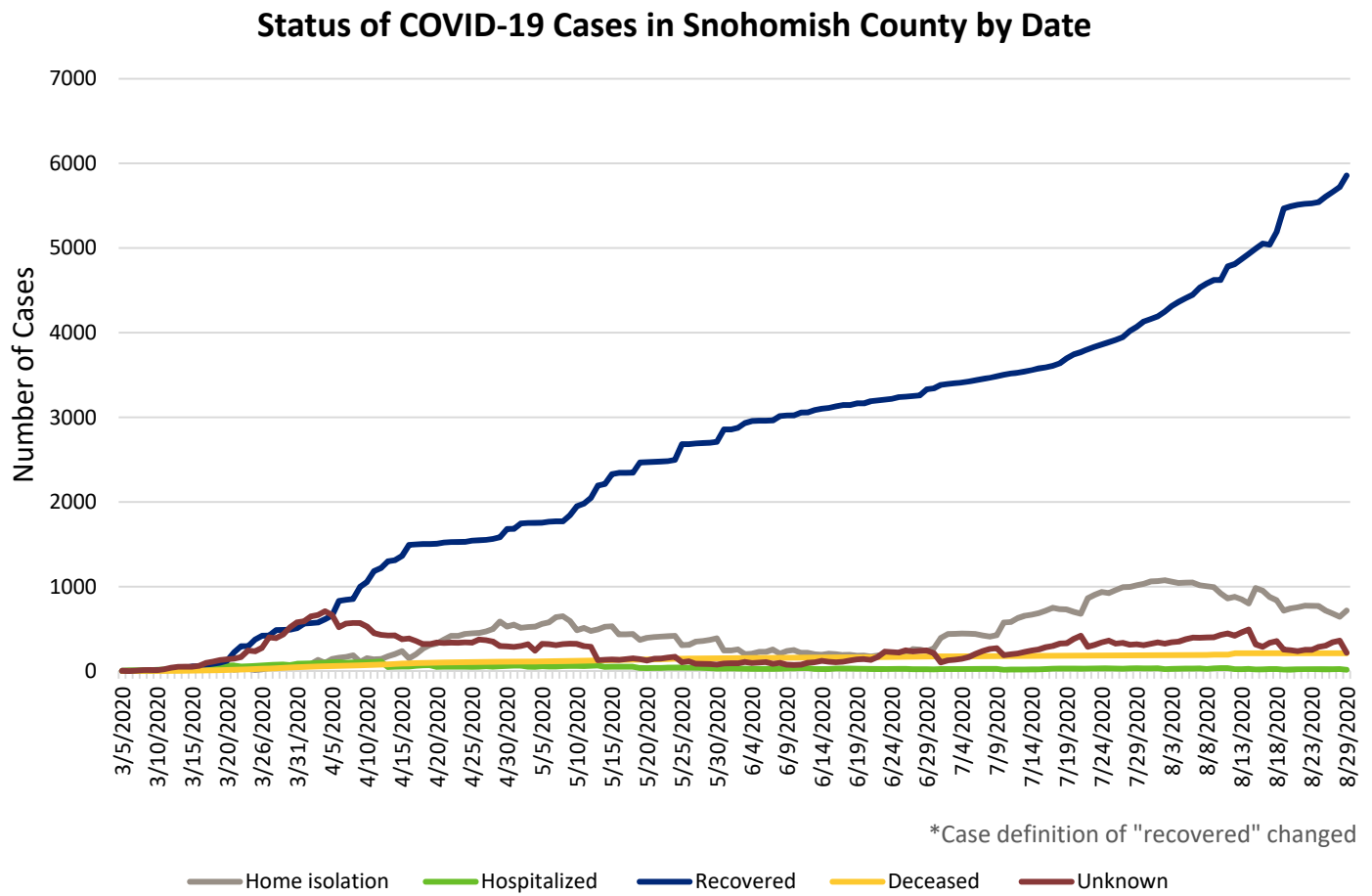
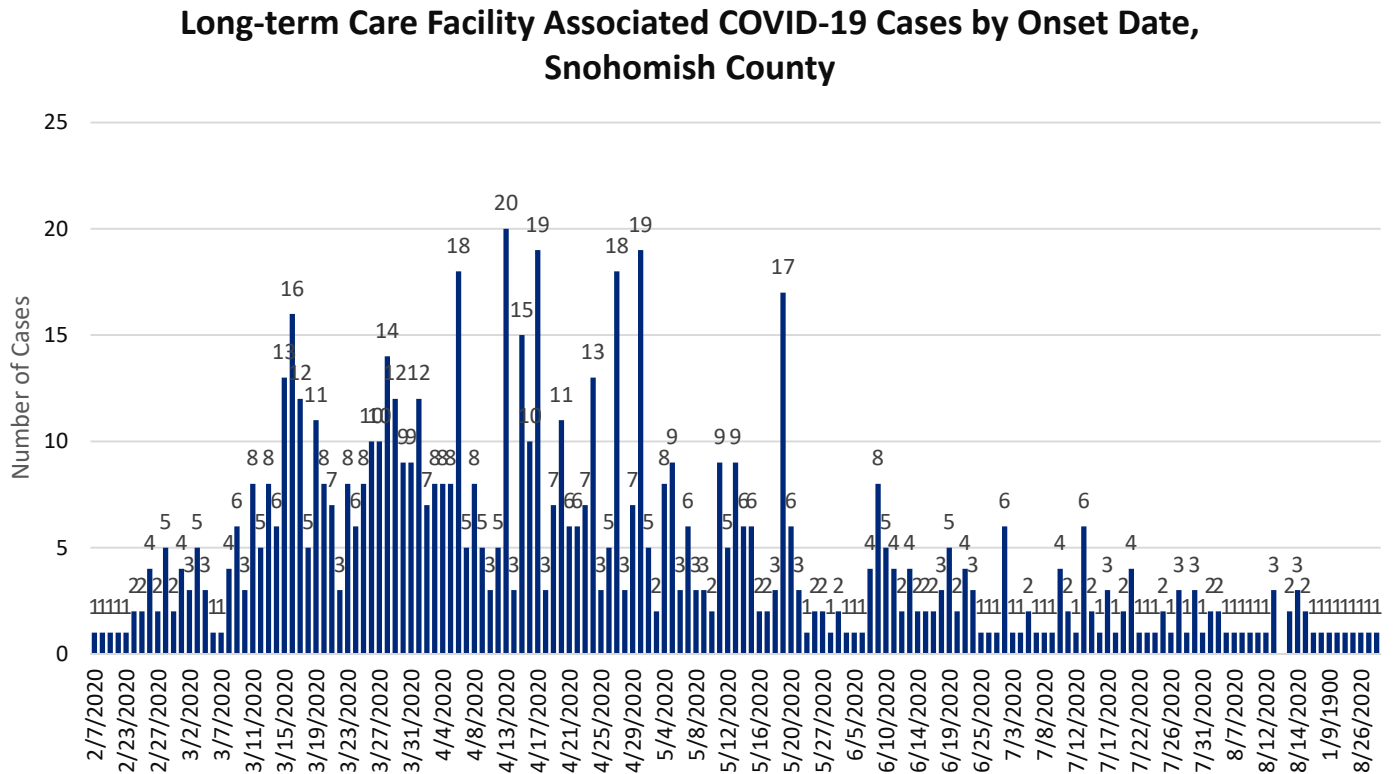


Table 20: Current case status of COVID-19 cases in Snohomish County

Current status	Number	Percent
Recovered	5991	85.3%
Home isolation	597	8.5%
Hospitalized	18	0.3%
Deceased	211	3.0%
Unknown	204	2.9%
Grand Total	7021	100.0%

SECTION D: COVID-19 IN LONG-TERM CARE FACILITIES

Graph 12: LTCF-associated COVID-19 cases by onset date



Graph 13: LTCF-associated COVID-19 cases by report date

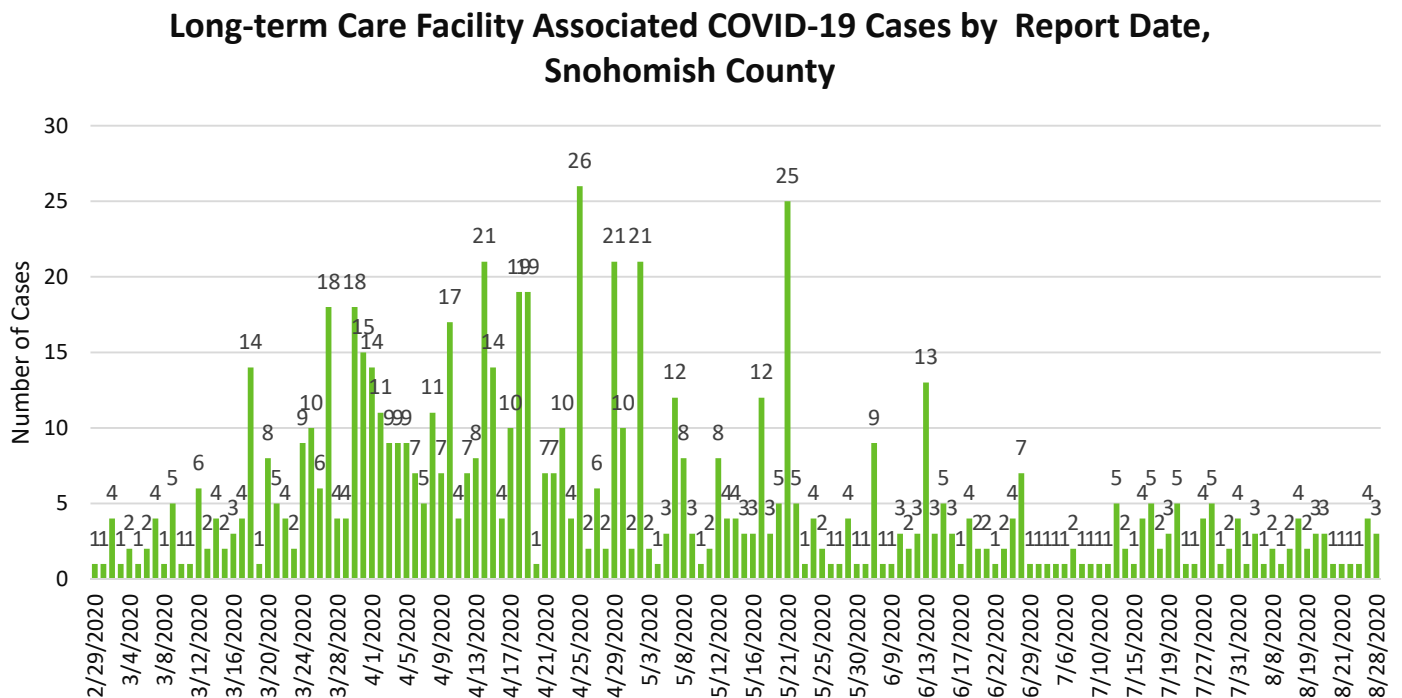


Table 21: Current status of LTCF-associated COVID-19 cases

Current status	Number	Percent
Recovered	634	83.3%
Home isolation	23	3.0%
Hospitalized	<5	n/a
Deceased	101	13.3%
Grand Total	761	100.0%

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

Ever hospitalized	Residents	Staff
No	224 (59.3%)	327 (86.7%)
Yes	149 (39.4%)	24 (6.4%)
Unknown	5 (1.3%)	26 (6.9%)
Grand Total	378	377

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	16.3%	Yes
B	46	9.5%	Yes
C	45	9.3%	Yes
D	43	8.8%	Yes
E	38	7.8%	Yes
F	33	6.8%	Yes
G	33	6.8%	Yes
H	31	6.4%	Yes
I	27	5.6%	Yes
J	22	4.5%	Yes
K	16	3.3%	Yes
L	13	2.7%	Yes
M	12	2.5%	Yes
N	8	1.6%	No
O	7	1.4%	Yes
P	7	1.4%	Yes
Q	7	1.4%	No
R	6	1.2%	Yes
S	6	1.2%	Yes
T	5	1.0%	Yes
Grand Total	484	100.0%	

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

Type	Number	Percent
Resident	378	49.7%
Staff	377	49.5%
Visitor	5	0.7%
Other	1	0.1%
Grand Total	761	100.0%

SECTION E: COVID-19 DEATHS

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

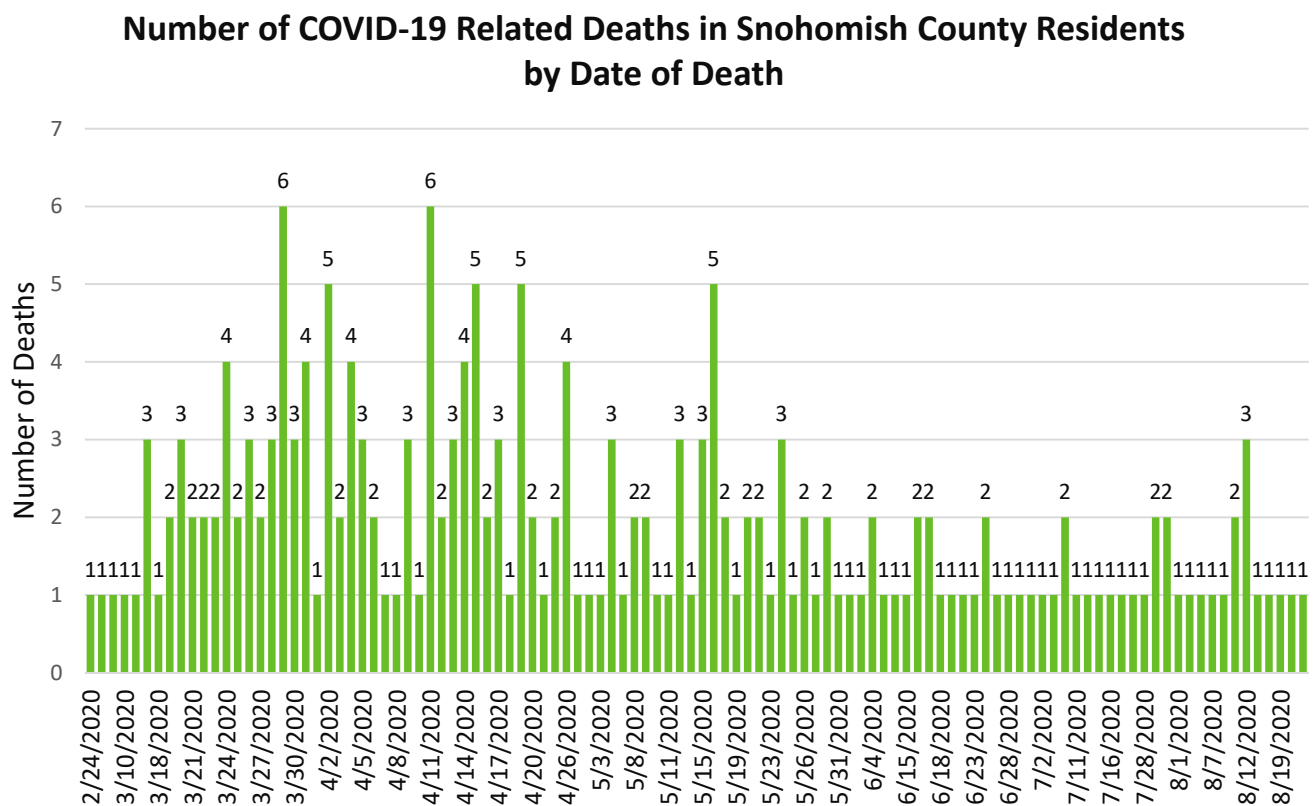


Table 25: Gender of COVID-19 deaths in Snohomish County

Gender	Number	Percent
Female	92	45.1%
Male	112	54.9%
Grand Total	204	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	0.2%
30-39	2	1.0%	Not calculated <5	0.2%
40-49	10	4.9%	8.8	0.9%
50-59	15	7.4%	13.2	1.4%
60-69	25	12.3%	25.8	3.5%
70-79	57	27.9%	108.9	14.9%
80+	93	45.6%	370.3	24.9%
Grand Total	204	100.0%	24.6	2.9%

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

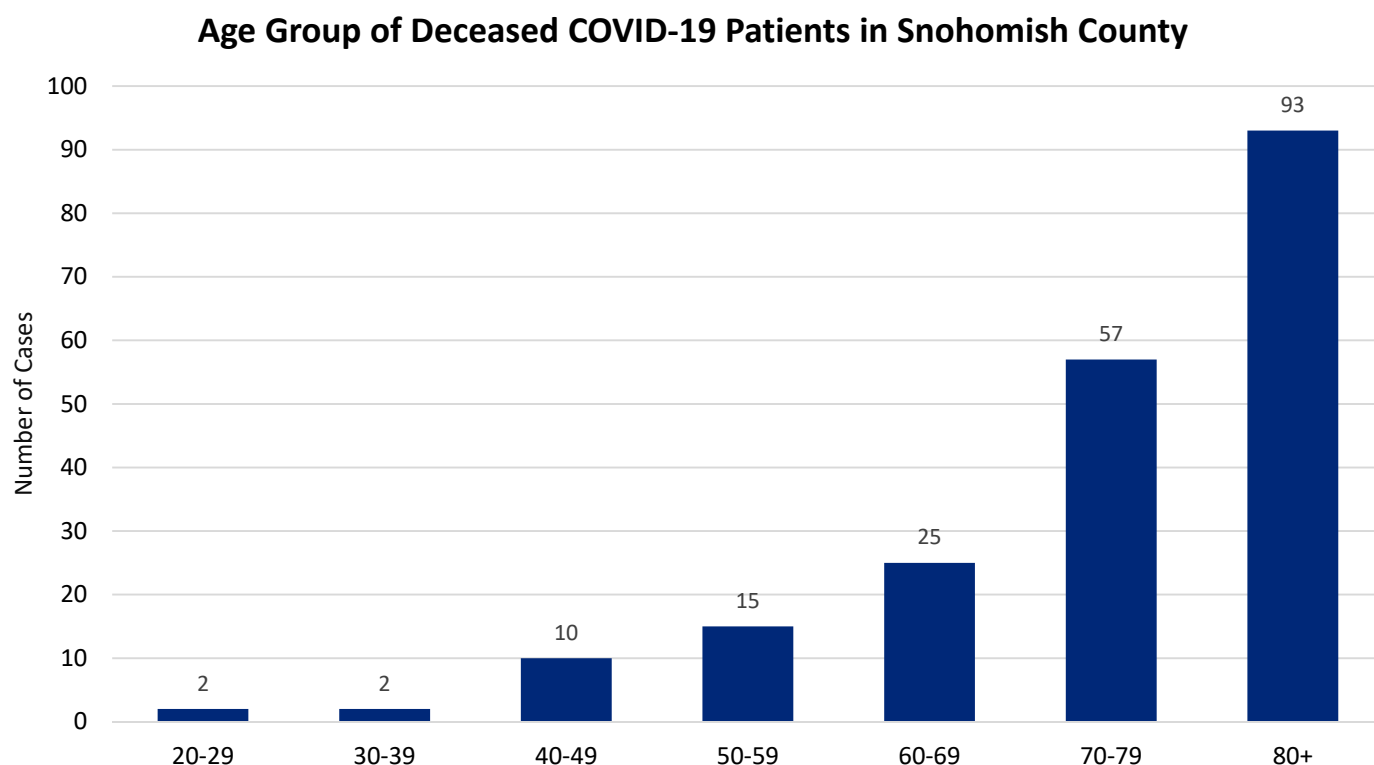


Table 27: Underlying health conditions of COVID-19 deaths in Snohomish County

Underlying health condition	Number	Percent
Yes	193	94.6%
No	9	4.4%
Unknown	2	1.0%
Grand Total	204	100.0%

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

Ever hospitalized	Number	Percent
Yes	154	75.5%
No	49	24.0%
Unknown	1	0.5%
Grand Total	204	100.0%

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

Type of exposure	Number	Percent
Long term care associated	97	47.5%
Community acquired	72	35.3%
Close contact	16	7.8%
Nosocomial	9	4.4%
Travel	3	1.5%
Unknown	7	3.4%
Grand Total	204	100.0%

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

City	Number	Percent
Arlington	4	2.0%
Bothell	13	6.4%
Edmonds	34	16.7%
Everett	74	36.3%
Lake Stevens	3	1.5%
Lynnwood	27	13.2%
Marysville	19	9.3%
Mill Creek	6	2.9%
Monroe	1	0.5%
Mountlake Terrace	3	1.5%
Mukilteo	1	0.5%
Snohomish	4	2.0%
Stanwood	10	4.9%
Sultan	1	0.5%
Tulalip	3	1.5%
Woodinville	1	0.5%
Grand Total	204	100.0%