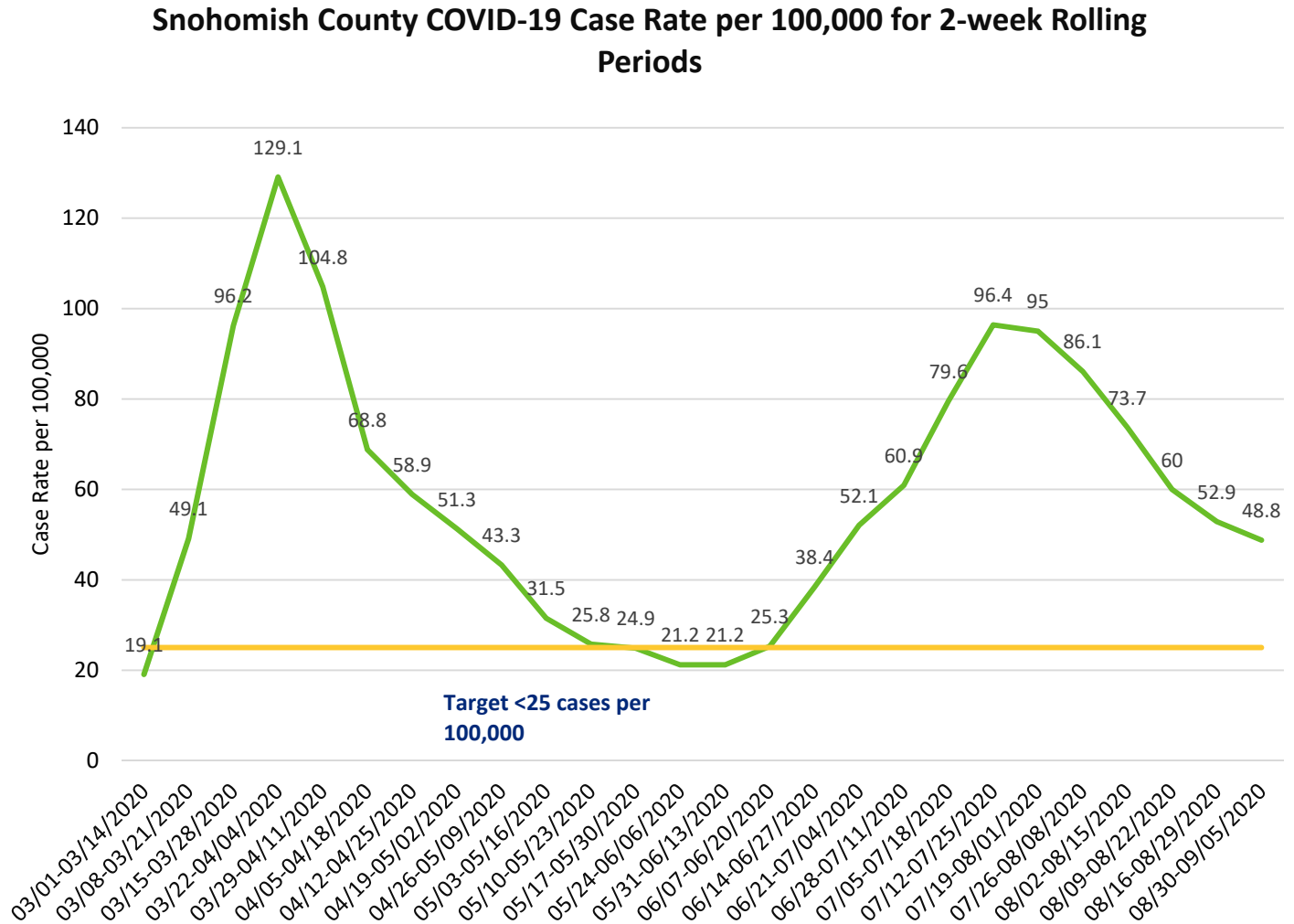


COVID-19 Update for Week Ending September 5, 2020

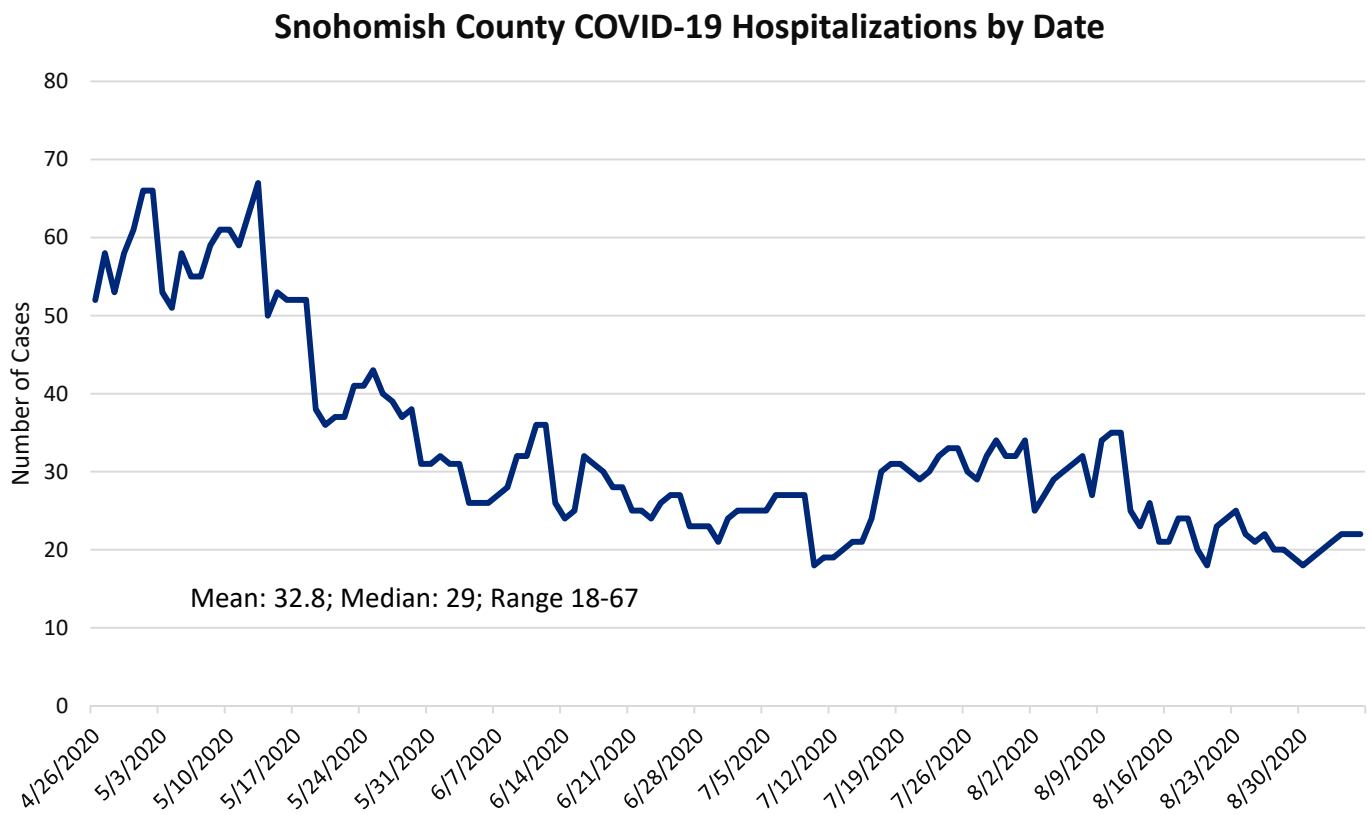
SECTION A: SUPPORTING DATA FOR COVID-19 SAFE START PHASE 2 METRICS

Graph 1: Snohomish County COVID-19 case rates per 100,000, March 1st through September 5th, 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	3700	3634	66	1.8%
6/7-6/13/2020	4360	4253	107	2.5%
6/14-6/20/2020	3800	3628	172	4.5%
6/21-6/27/2020	4319	4102	217	5.0%
6/28-7/4/2020	5238	4981	257	4.9%
7/5-7/11/2020	5937	5591	346	5.8%
7/12-7/18/2020	6394	6032	362	5.7%
7/19-7/25/2020	6439	6091	348	5.4%
7/26-8/1/2020	6455	6102	353	5.5%
8/2-8/8/2020	6472	6156	316	4.9%
8/9-8/15/2020	6370	6124	246	3.9%
8/16-8/22/2020	6387	6183	204	3.2%
8/23-8/29/2020	6032	5798	234	3.9%
8/30-9/5/2020	5744	5565	179	3.1%
Total 8/9-9/5/2020 (4 week total)	24,533	23,670	863	3.5%

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%

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

Graph 3: Case notification to investigation completion interval in days (8/30-9/5/2020)

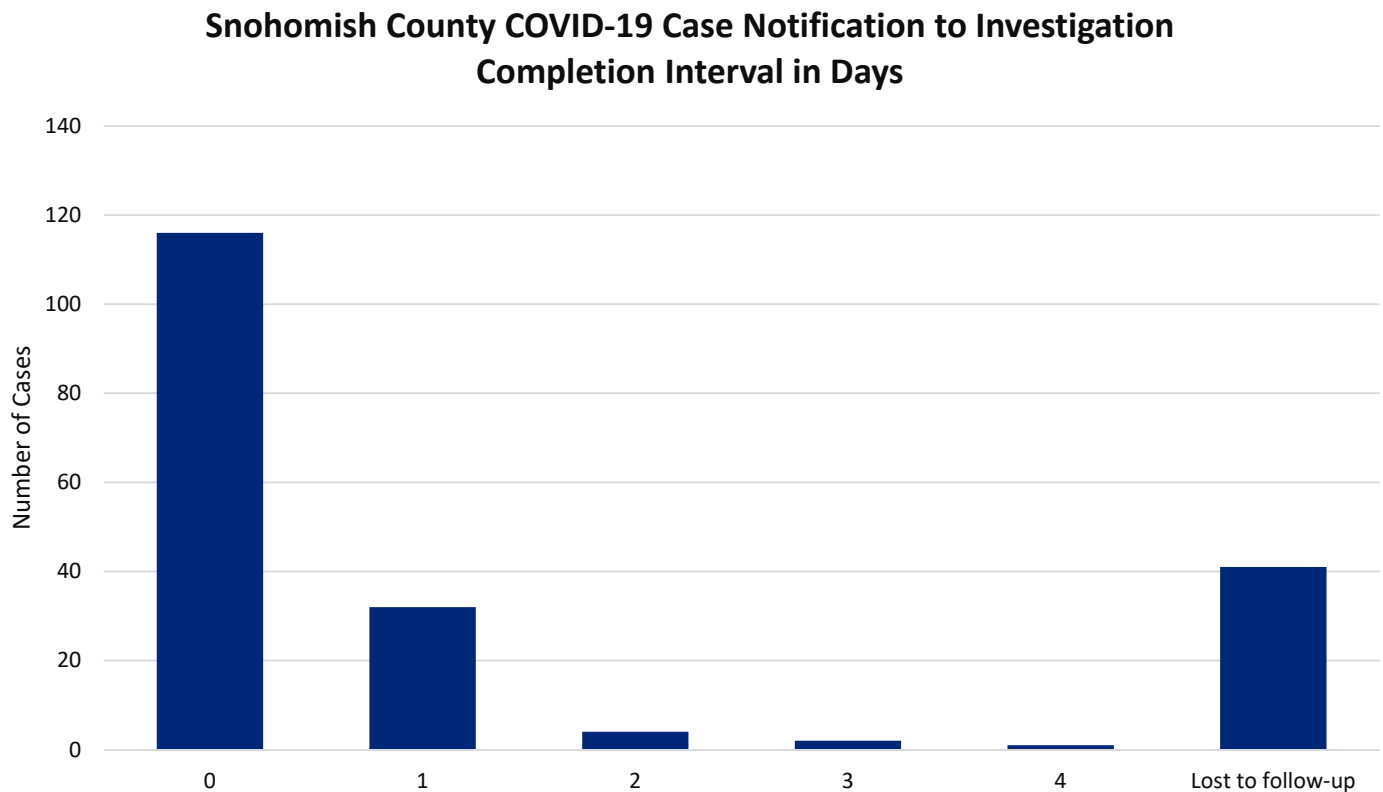


Table 3: Contact notification performance:

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%

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.	
8/30-9/5/2020	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 8/30-9/5/2020

Facility name	Facility type	Number of cases
Facility A	Bar	2
Facility B	Child care	3
Facility C	Child care	3
Facility D	Child care	3
Facility E	Construction	6
Facility F	Construction	3
Facility G	LTCF	4
Facility H	LTCF	1
Facility I	LTCF	1
Facility J	LTCF	1
Facility K	Restaurant	3
Facility L	Restaurant	2
Facility M	Shelter	2
Total outbreaks	13	34

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 8/23-9/5/2020

Type of exposure	Number	Percent
Community acquired	163	37.2%
Close contact	163	37.2%
Long-term Care Facility Associated	16	3.7%
Healthcare Worker	5	1.1%
Nosocomial	<5	n/a
Refused	<5	n/a
Pending investigation	7	1.6%
Unknown	80	18.3%
Grand Total	438	100.0%

Table 7: Current case status of COVID-19 cases in Snohomish County 8/23-9/5/2020

Current status	Number	Percent
Home isolation	343	78.3%
Hospitalized	6	1.4%
Recovered	11	2.5%
Unknown	78	17.8%
Grand Total	438	100.0%

Table 8: Sex at birth of COVID-19 cases in Snohomish County 8/23-9/5/2020

Sex at birth	Number	Percent
Female	225	51.4%
Male	213	48.6%
Grand Total	438	100.0%

Table 9: Age group of COVID-19 cases in Snohomish County 8/23-9/5/2020

Age group in years	Number	Percent
0-14	39	8.9%
15-19	51	11.6%
20-29	109	24.9%
30-39	69	15.8%
40-49	70	16.0%
50-59	43	9.8%
60-69	35	8.0%
70-79	8	1.8%
80+	14	3.2%
Grand Total	438	100.0%

Table 10: Underlying health conditions of COVID-19 cases in Snohomish County 8/23-9/5/2020

Underlying health condition	Number	Percent
No	210	47.9%
Yes	132	30.1%
Unknown	96	21.9%
Grand Total	438	100.0%

Table 11: Hospitalization of COVID-19 cases in Snohomish County 8/23-9/5/2020

Ever hospitalized	Number	Percent
No	336	76.7%
Yes	20	4.6%
Unknown	82	18.7%
Grand Total	438	100.0%

Table 12: City of residence of COVID-19 cases in Snohomish County 8/23-9/5/2020

City	Number	Percent
Arlington	19	4.3%
Bothell	35	8.0%
Darrington	<5	n/a
Edmonds	25	5.7%
Everett	108	24.7%
Gold Bar	<5	n/a
Granite Falls	<5	n/a
Lake Stevens	27	6.2%
Lynnwood	61	13.9%
Marysville	49	11.2%
Mill Creek	10	2.3%
Monroe	42	9.6%
Mountlake Terrace	6	1.4%
Mukilteo	8	1.8%
Silvana	<5	n/a
Snohomish	33	7.5%
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	438	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	2499	34.5%
Close contact	2415	33.4%
Long-term Care Associated	770	10.6%
HCW	348	4.8%
Travel	124	1.7%
Monroe Correctional Complex	71	1.0%
Nosocomial	29	0.4%
Unknown	965	13.3%
Refused	14	0.2%
Grand Total	7235	100.0%

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

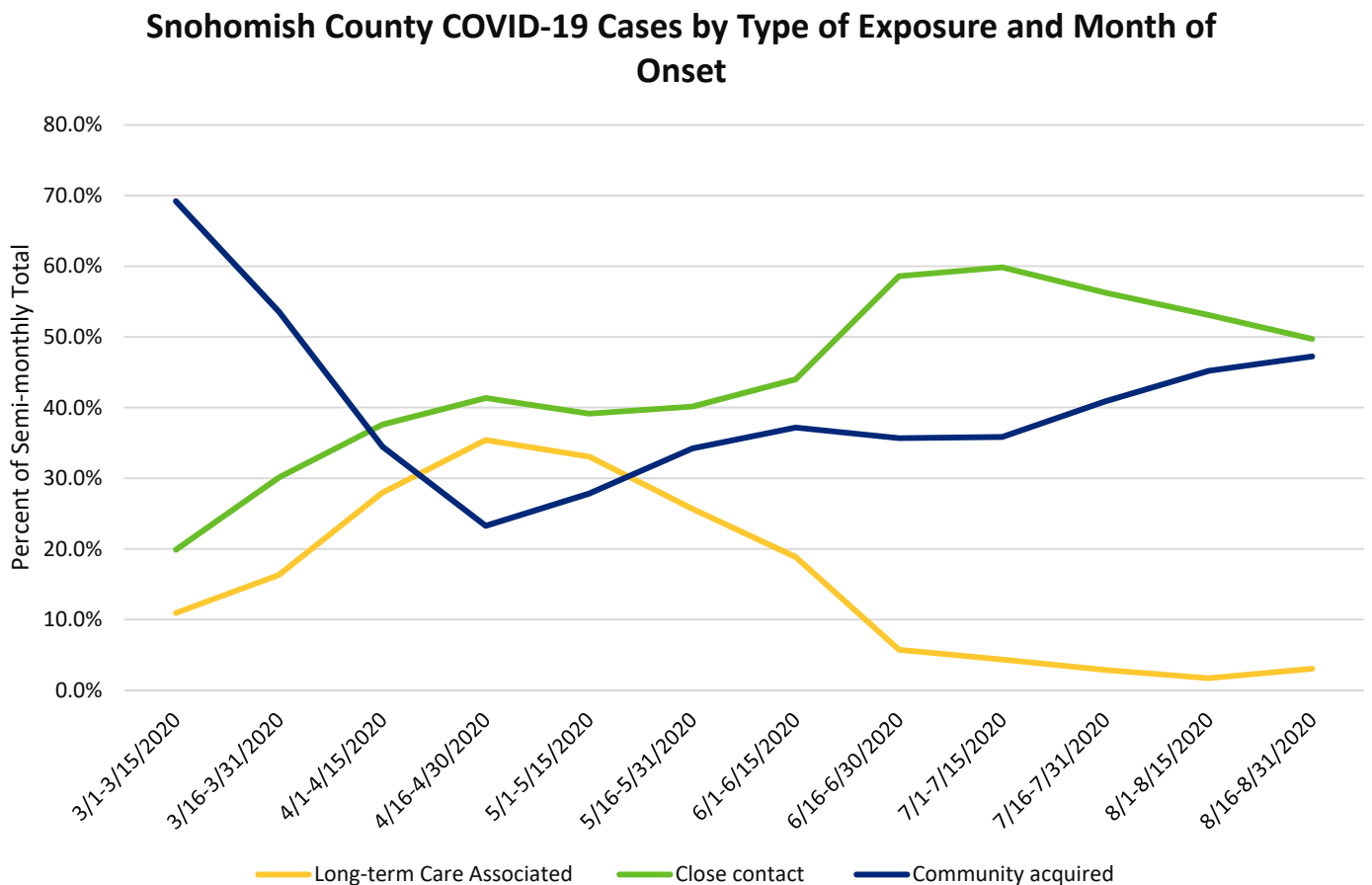


Table 14: Symptom status of confirmed COVID-19 cases in Snohomish County

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

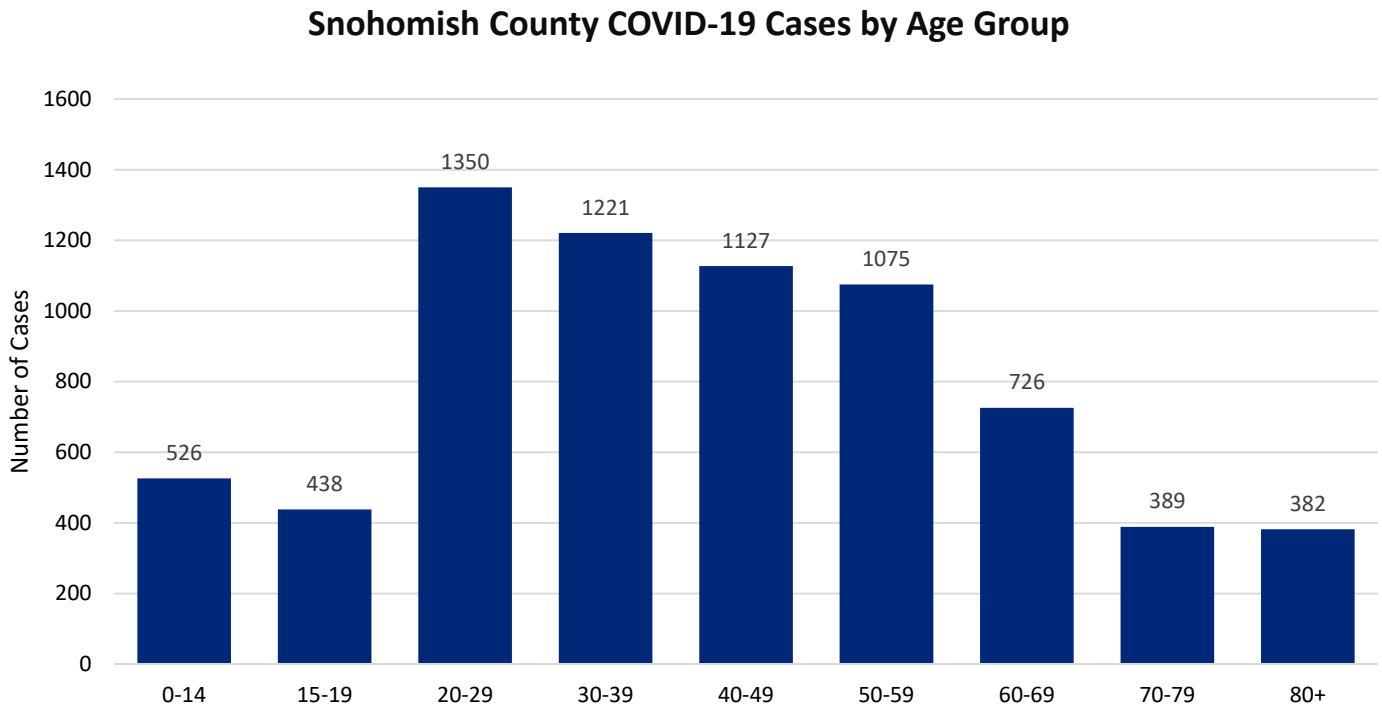
Gender	Number	Percent
Female	3804	52.6%
Male	3431	47.4%
Grand Total	7235	100.0%

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

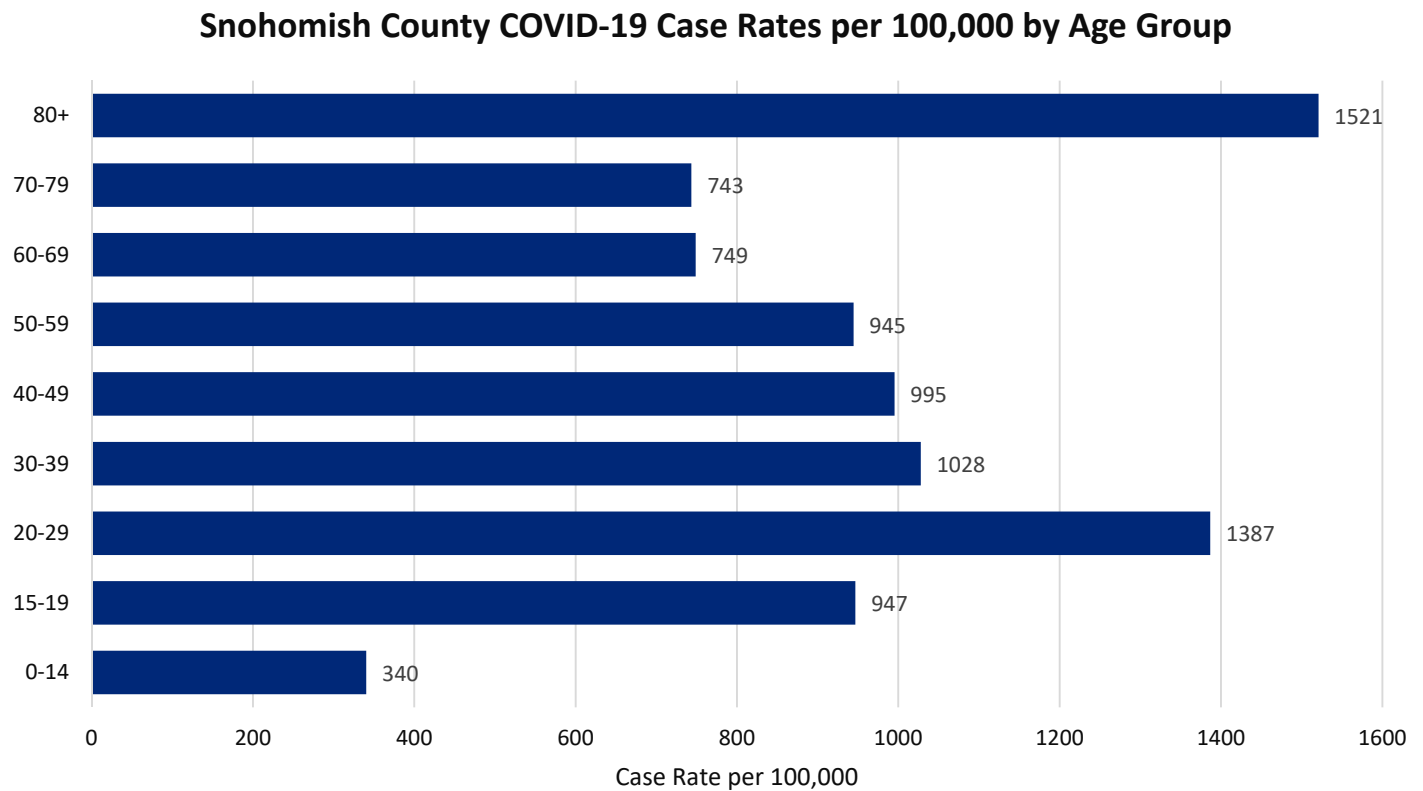
Age group in years	Number	Percent
0-14	526	7.3%
15-19	438	6.1%
20-29	1350	18.7%
30-39	1221	16.9%
40-49	1127	15.6%
50-59	1075	14.9%
60-69	726	10.0%
70-79	389	5.4%
80+	382	5.3%
Grand Total	7234	100.0%

*Note: Unknown age for one probable case

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

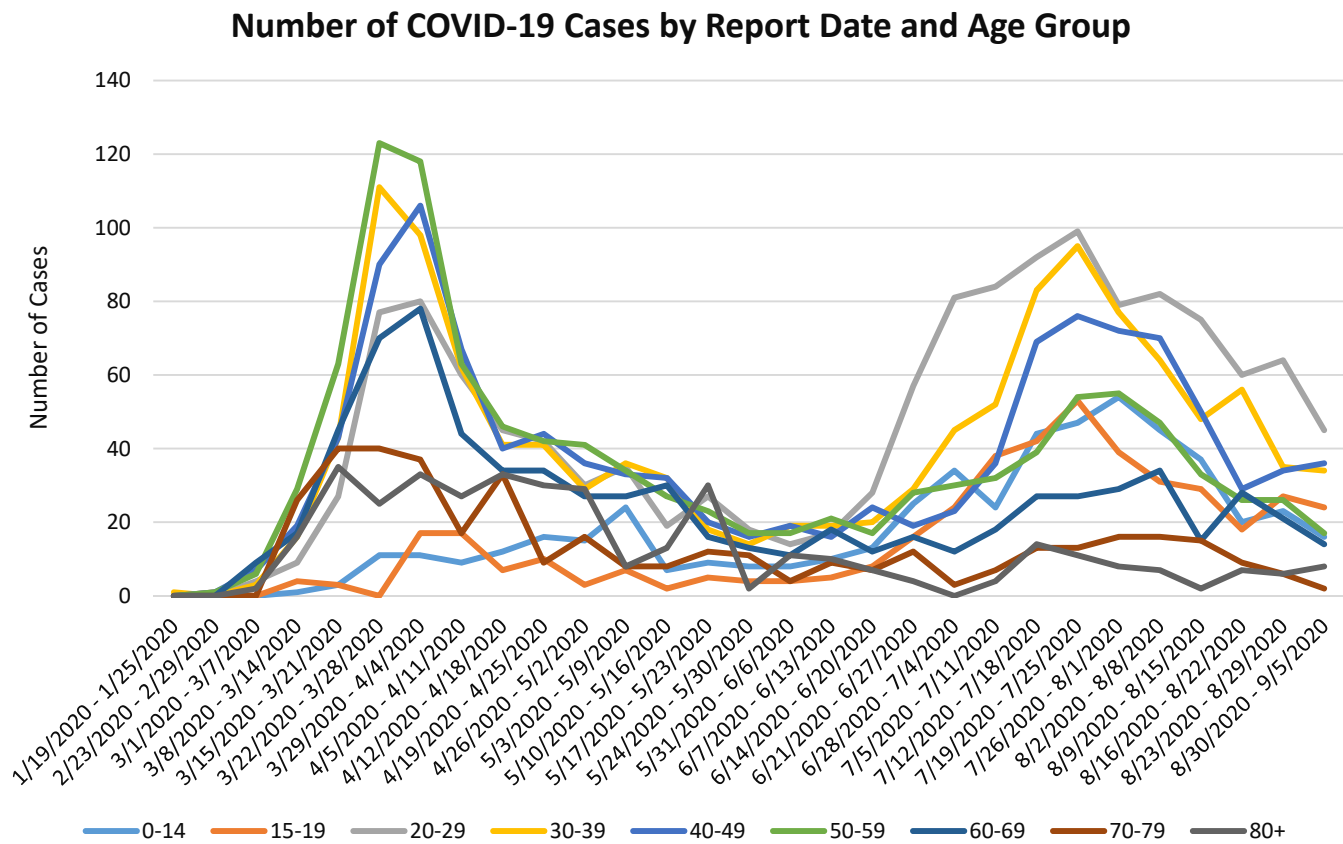


Table 17: Underlying health conditions of COVID-19 cases in Snohomish County

Underlying health condition	Number	Percent
No	3407	47.1%
Yes	2789	38.5%
Unknown	1039	14.4%
Grand Total	7235	100.0%

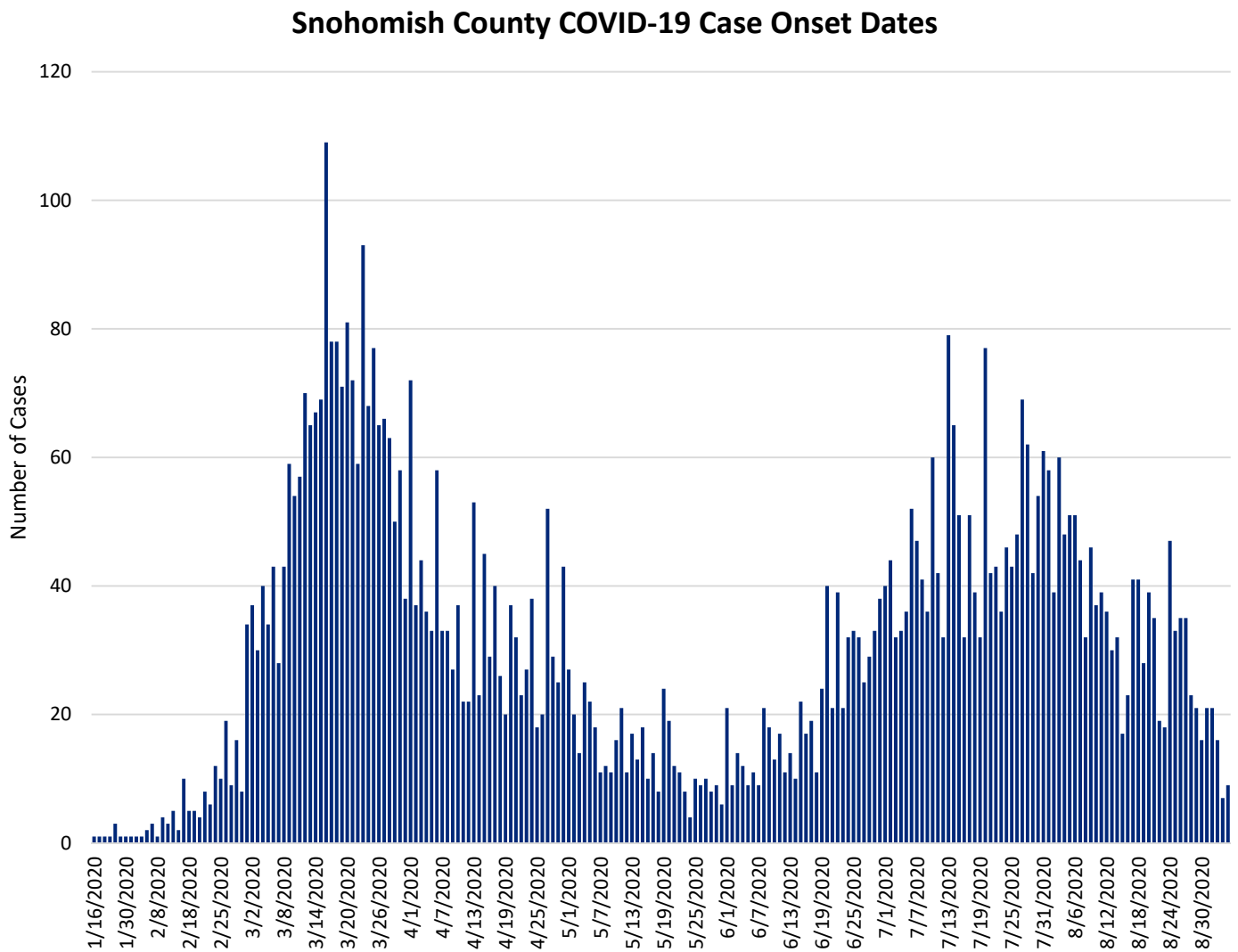
Table 18: Hospitalization of COVID-19 cases in Snohomish County

Ever hospitalized	Number	Percent
No	5499	76.0%
Yes	720	10.0%
Unknown	1016	14.0%
Grand Total	7235	100.0%

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

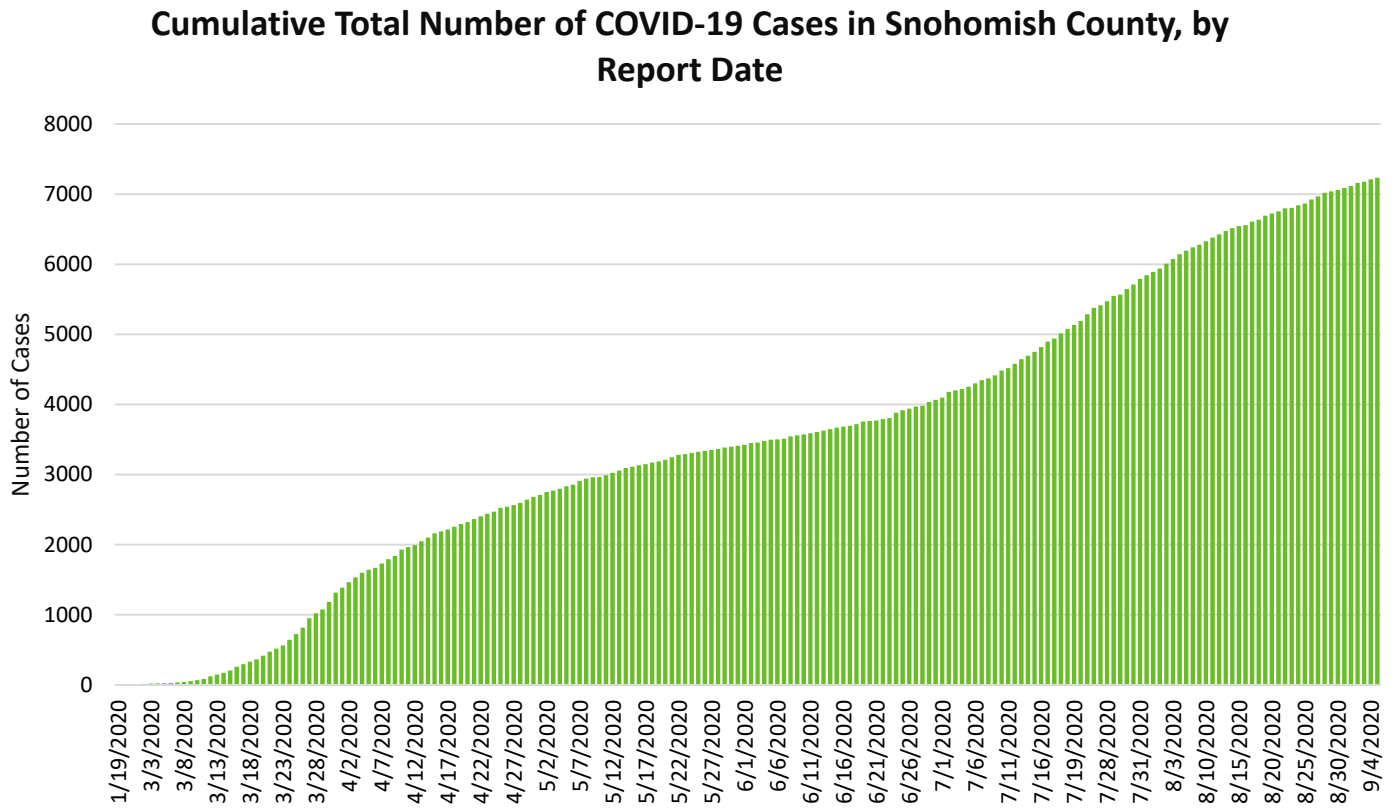
City	Number recovered	Total number	Percent of total
Arlington	276	312	4.3%
Bothell	457	524	7.2%
Brier	30	30	0.4%
Darrington	5	11	0.2%
Edmonds	497	574	7.9%
Everett	1808	2093	28.9%
Gold Bar	13	16	0.2%
Granite Falls	45	48	0.7%
Lake Stevens	291	332	4.6%
Lynnwood	1015	1139	15.7%
Marysville	537	634	8.8%
Mill Creek	97	118	1.6%
Monroe	243	314	4.3%
Mountlake Terrace	176	197	2.7%
Mukilteo	106	118	1.6%
North Lakewood	<5	<5	n/a
Silvana	<5	<5	n/a
Snohomish	401	459	6.3%
Stanwood	163	181	2.5%
Sultan	31	36	0.5%
Tulalip	42	51	0.7%
Woodinville	23	25	0.3%
Woodway	14	15	0.2%
Unknown	<5	<5	n/a
Grand Total	6275	7235	100.0%

Graph 8: Snohomish County COVID-19 epidemiologic curve

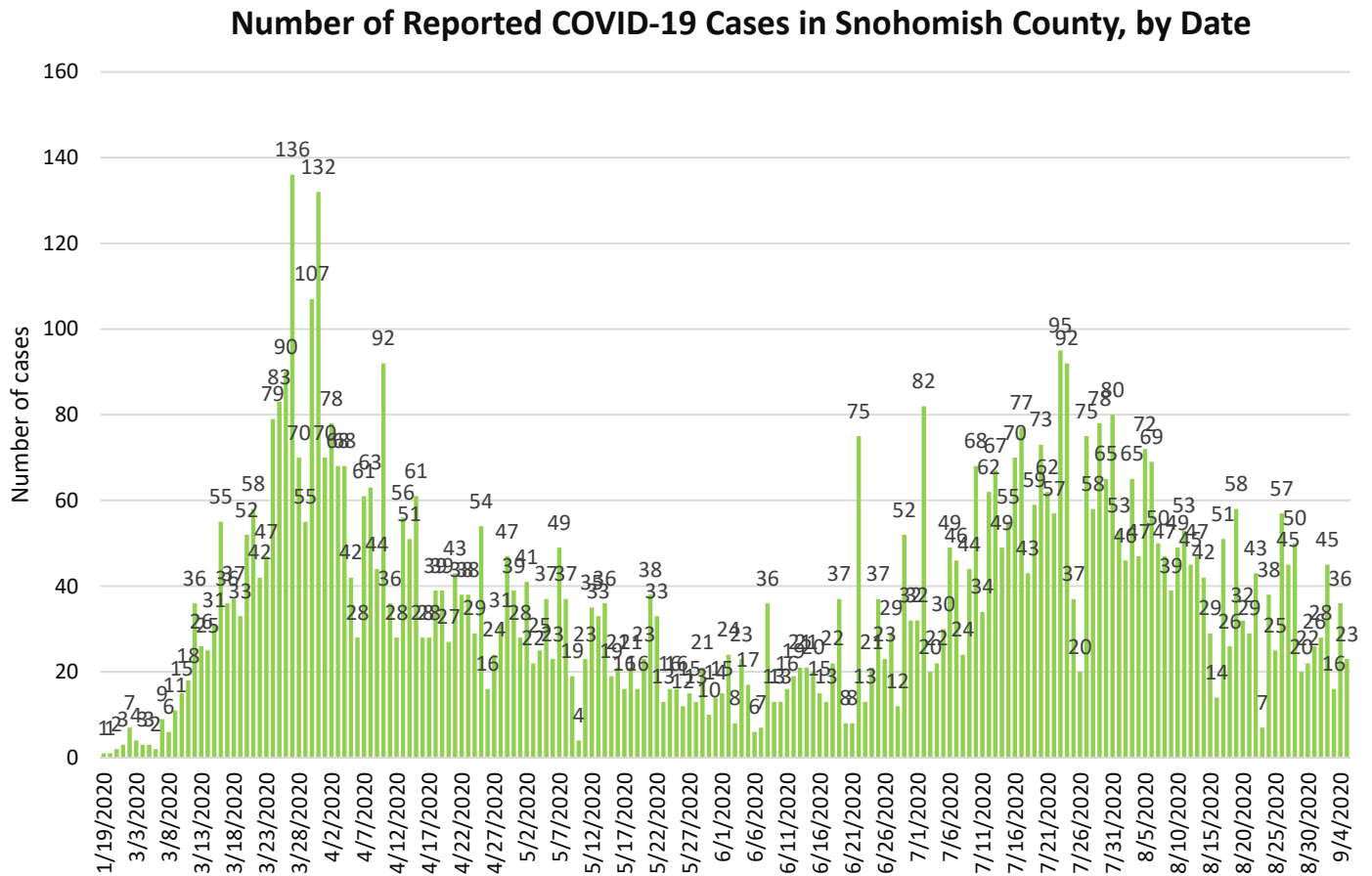


Note: data for the most recent week (far right end) of the figure are not complete and those counts are likely to increase with completion of pending investigations.

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

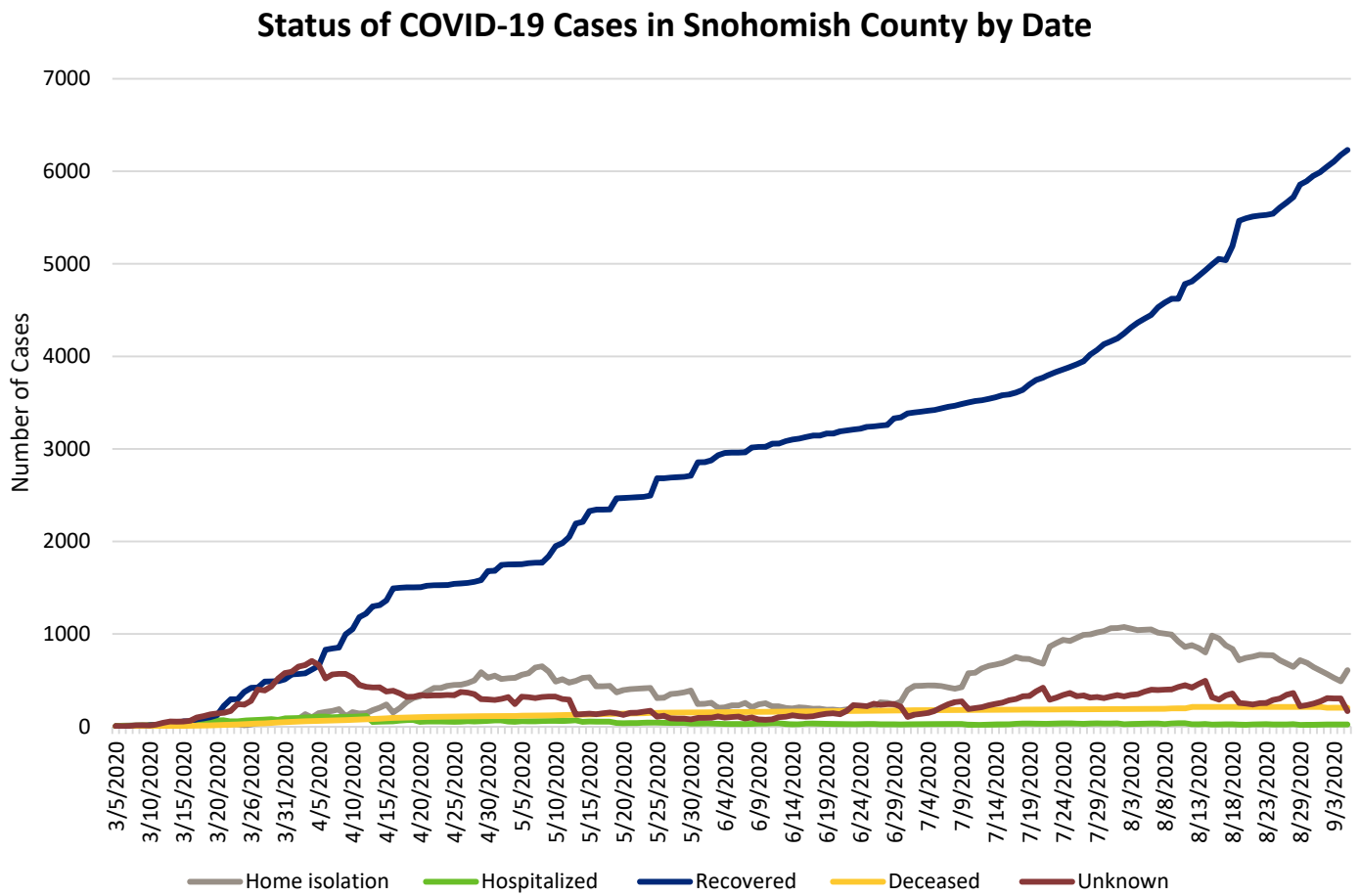
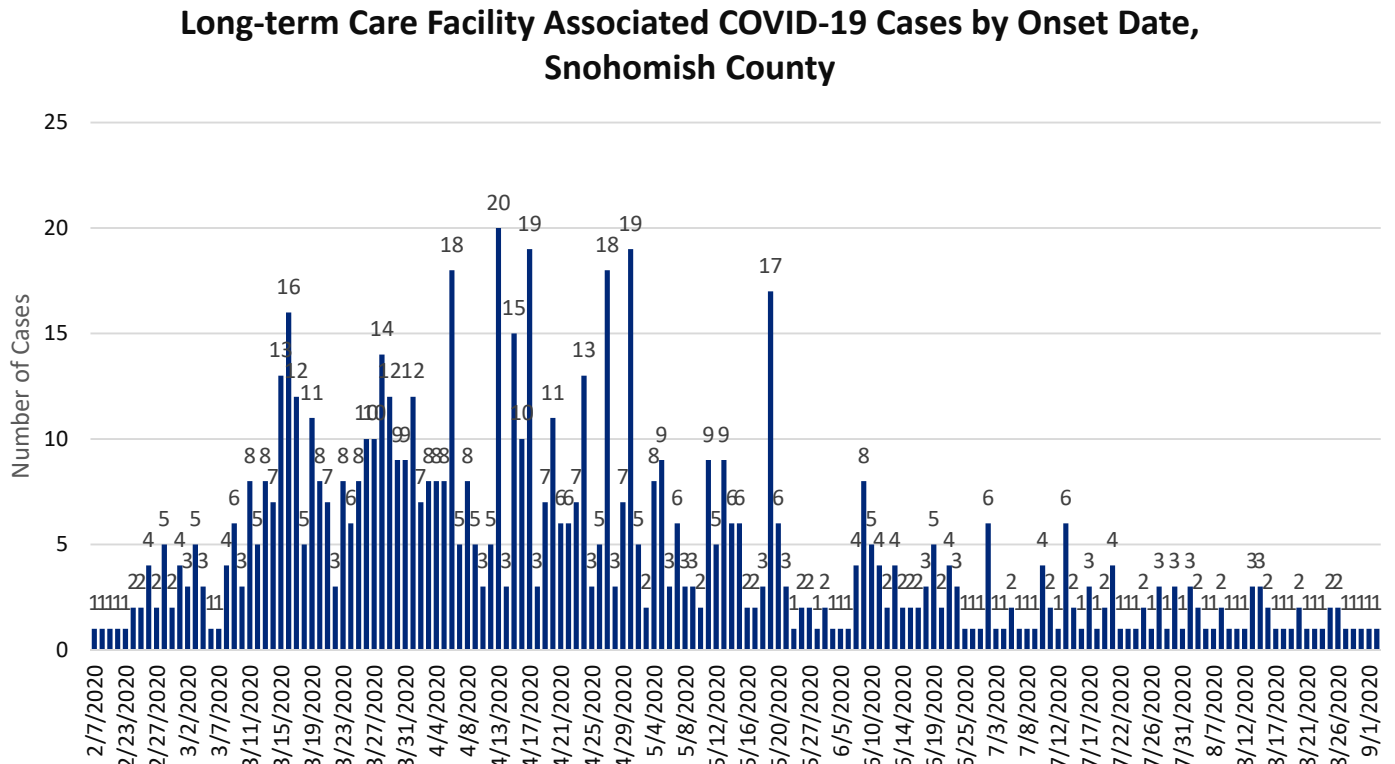


Table 20: Current case status of COVID-19 cases in Snohomish County

Current status	Number	Percent
Recovered	6275	86.7%
Home isolation	582	8.0%
Hospitalized	18	0.2%
Deceased	204	2.8%
Unknown	156	2.2%
Grand Total	7235	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

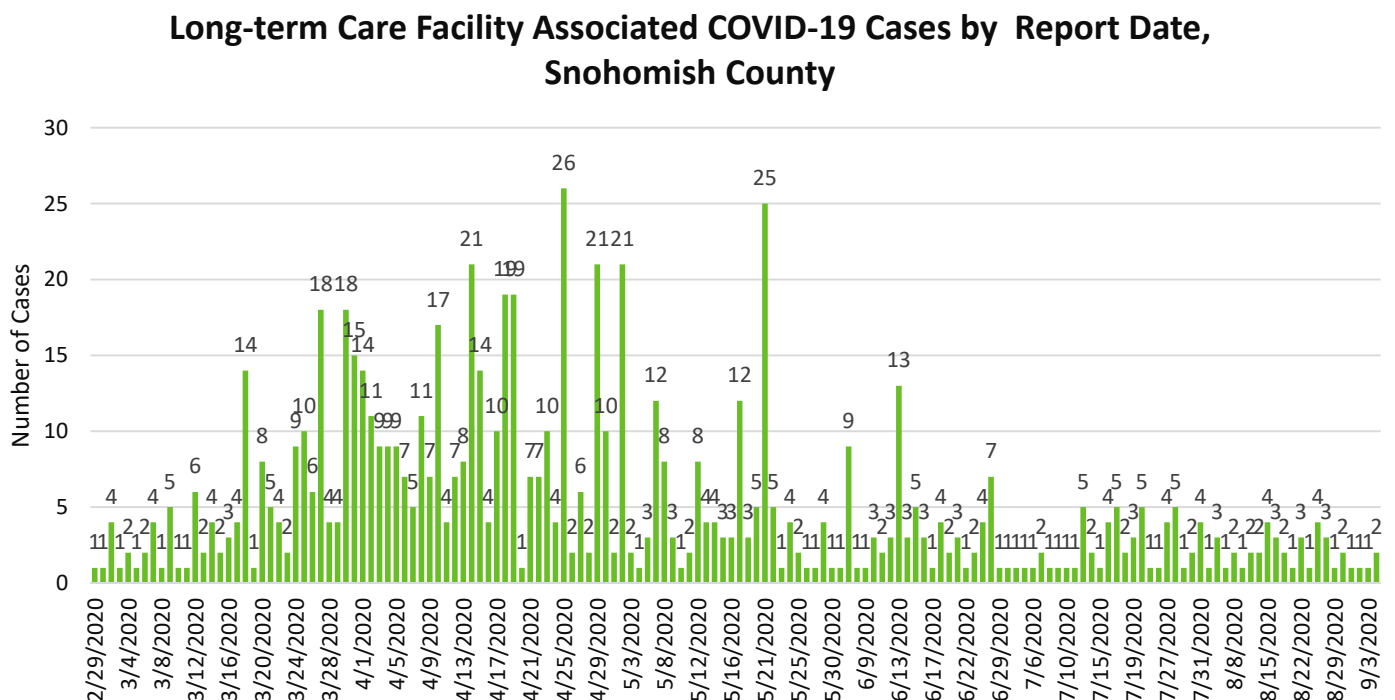


Table 21: Current status of LTCF-associated COVID-19 cases

Current status	Number	Percent
Recovered	643	83.5%
Home isolation	27	3.5%
Hospitalized	3	0.4%
Deceased*	97	12.6%
Grand Total	770	100.0%

*Note: death reconciliation and review decreased the number of deaths previously reported.

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

Ever hospitalized	Residents	Staff
No	224 (58.6%)	333 (87.2%)
Yes	153 (40.1%)	24 (6.3%)
Unknown	5 (1.3%)	25 (6.5%)
Grand Total	382	382

Table 23: LTCF and adult family home 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	16.3%	Yes
Rosewood Courte Memory Care	46	9.5%	Yes
Lynnwood Post-Acute Rehab	45	9.3%	Yes
Heritage Court Assisted Living	43	8.8%	Yes
Terrace at Beverly Lake Memory Care	38	7.8%	Yes
Chateau Pacific Assisted Living	33	6.8%	Yes
Josephine CC	33	6.8%	Yes
Mountain View Skilled Nursing Marysville	31	6.4%	Yes
Prestige Post Acute Rehab Edmonds	27	5.6%	Yes
Cedar Creek Memory Care	22	4.5%	Yes
Pacifica Senior Living Lynnwood	16	3.3%	Yes
Gencare Scriber Gardens	13	2.7%	Yes
Bethany at Pacific	12	2.5%	Yes
BW Heavenly Adult Family Home	9	1.9%	No
Quilceda Creek Adult Family Home #1	8	1.6%	No
Premier Adult Family Home Everett	7	1.4%	Yes
Bothell Health Care	7	1.4%	Yes
Homecomings II AFH Bothell	6	1.2%	Yes
Sunrise of Edmonds	6	1.2%	Yes
Mountlake Terrace Plaza	5	1.0%	Yes
Grand Total	486	100.0%	

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

Type	Number	Percent
Resident	382	49.6%
Staff	382	49.6%
Visitor	5	0.6%
Other	1	0.1%
Grand Total	770	100.0%

SECTION E: COVID-19 DEATHS

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

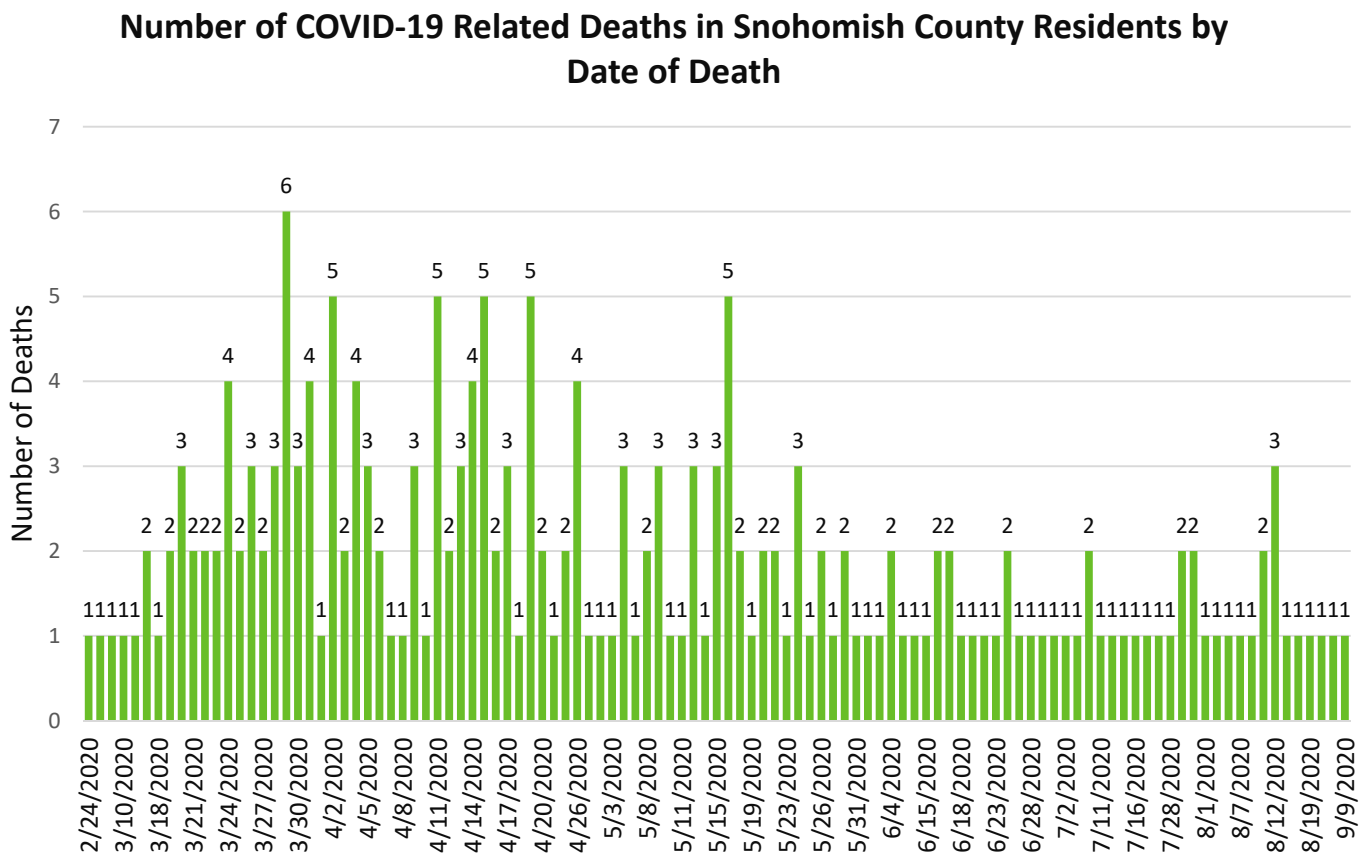


Table 25: Gender of COVID-19 deaths in Snohomish County

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	14	6.9%	12.3	1.3%
60-69	25	12.3%	25.8	3.5%
70-79	57	27.9%	108.9	14.9%
80+	94	46.1%	374.3	25.2%
Grand Total	204	100.0%	24.6	2.9%

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

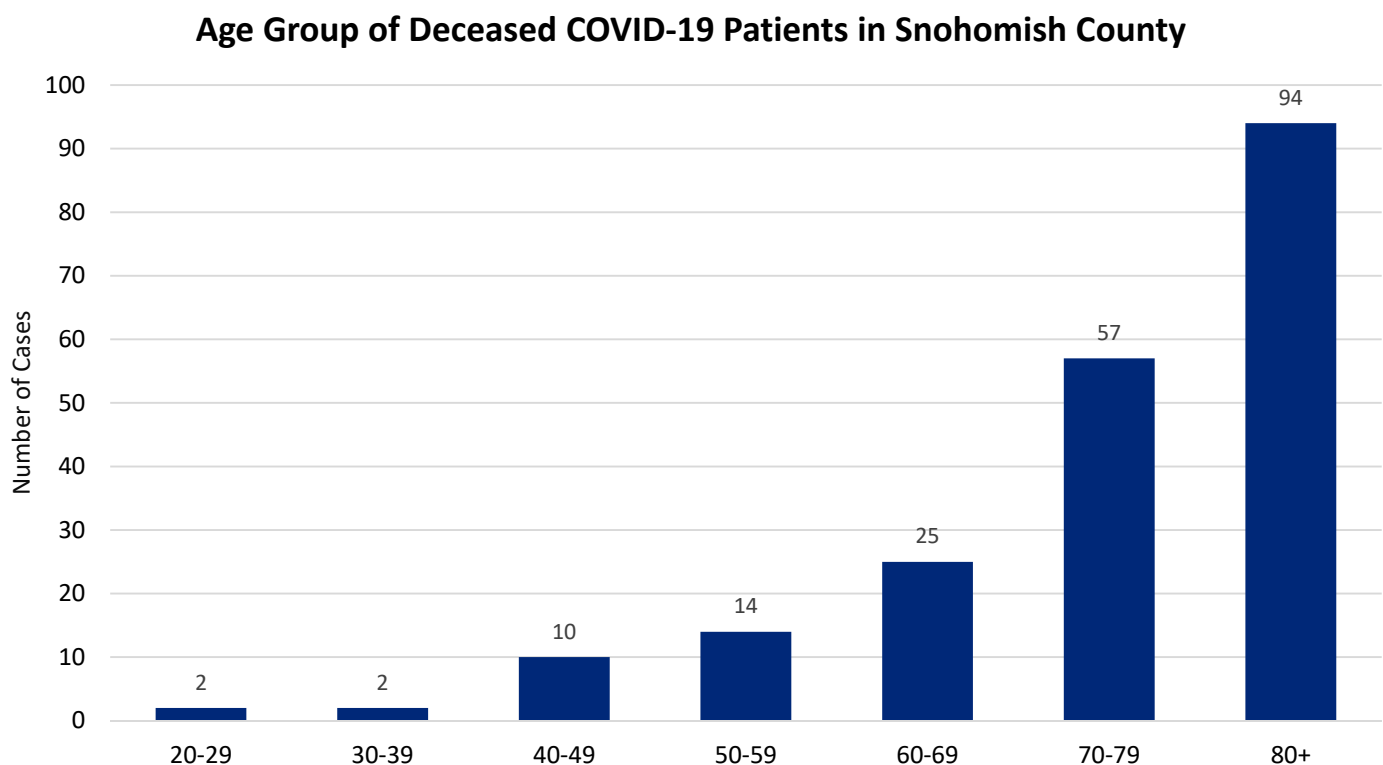


Table 27: Underlying health conditions of COVID-19 deaths in Snohomish County

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	12	5.9%
Edmonds	34	16.7%
Everett	75	36.8%
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%