

COVID-19 EPIDEMIOLOGIC OVERVIEW

Data source: Washington State Disease Reporting System (WDRS)

Figure 1: Snohomish County COVID-19 case rates per 100,000

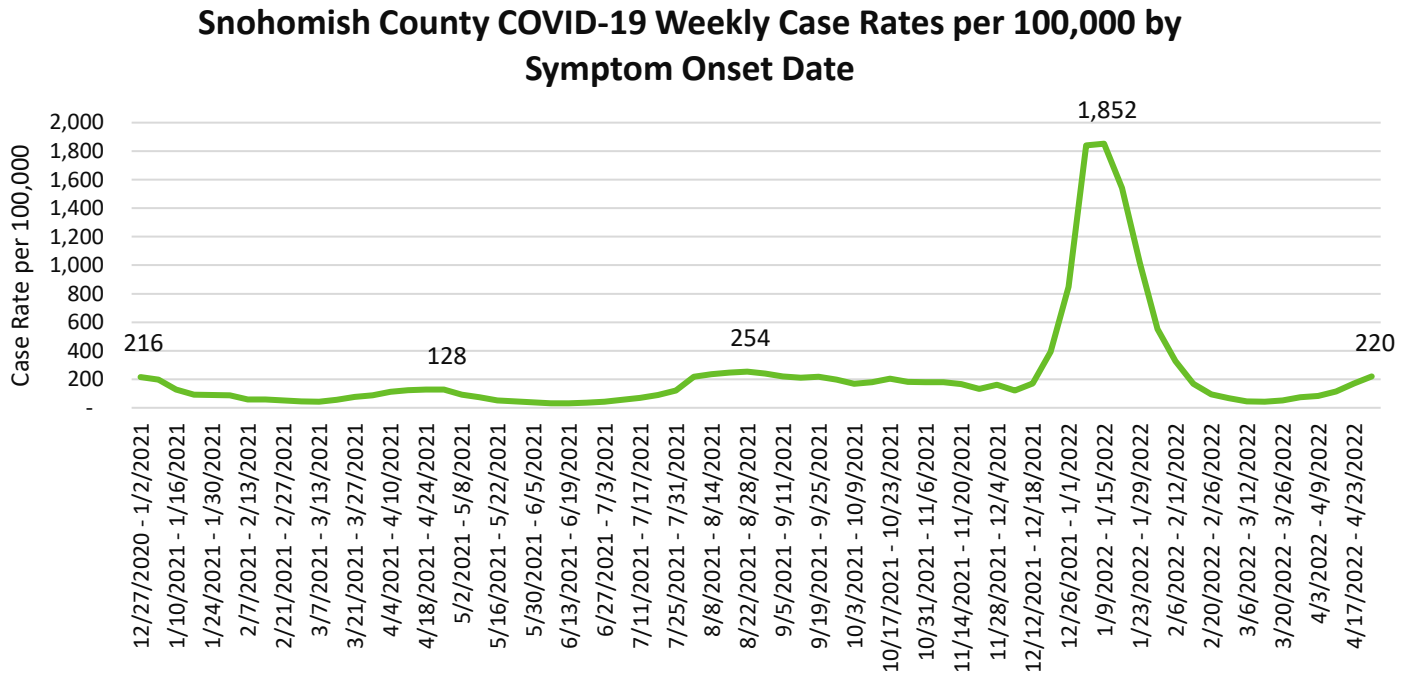


Figure 2: Number of Snohomish County COVID-19 cases by specimen collection date

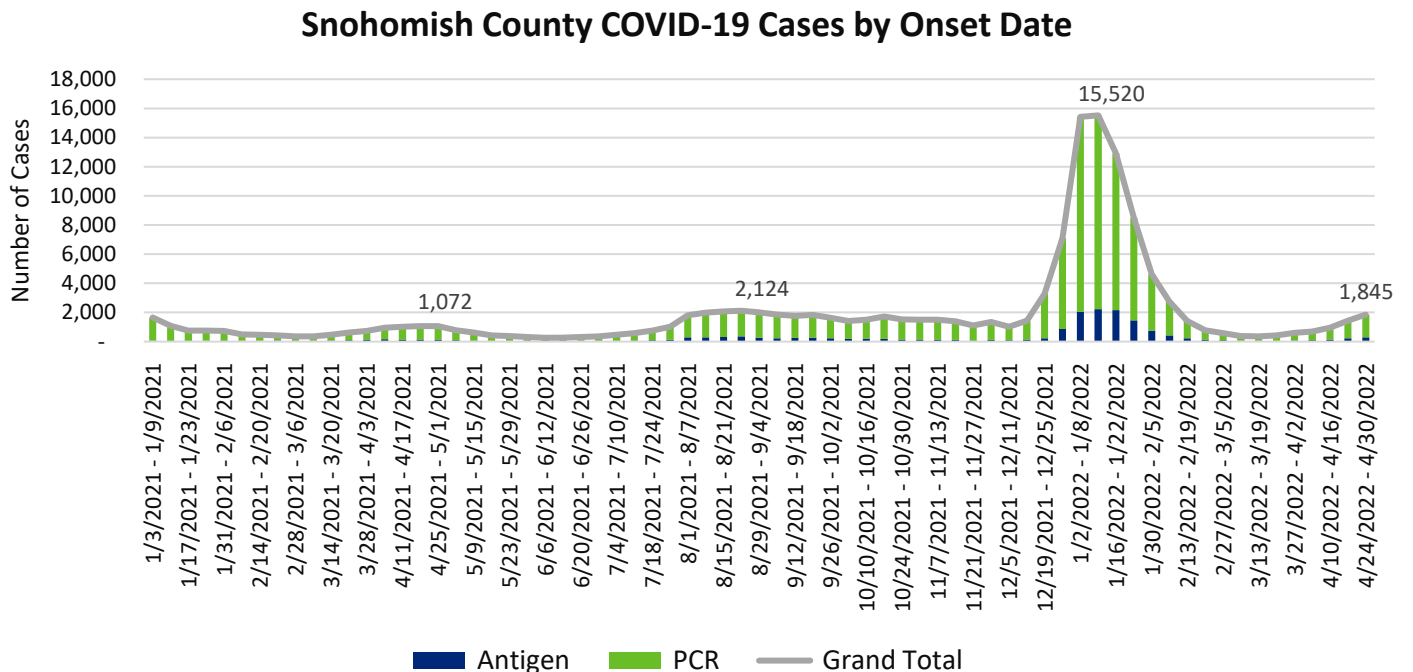


Table 1: Sex at birth of COVID-19 cases in Snohomish County

Sex at birth	April 2022	March 2022	Cumulative 1/20/2020-4/30/2022
Female	2,649	1061	78,858
Male	2,435	972	77,053
Unknown	4	0	187
Grand Total	5,088	2,033	156,098

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

Age group in years	April 2022	March 2022	Cumulative 1/20/2020-4/30/2022
0-14	857	367	27,950
15-19	220	77	11,237
20-29	746	298	25,925
30-39	885	402	29,609
40-49	747	267	23,303
50-59	644	222	18,493
60-69	514	215	11,407
70-79	276	116	4,974
80+	197	67	3,127
Unknown	2	2	73
Grand Total	5,088	2,033	156,098

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

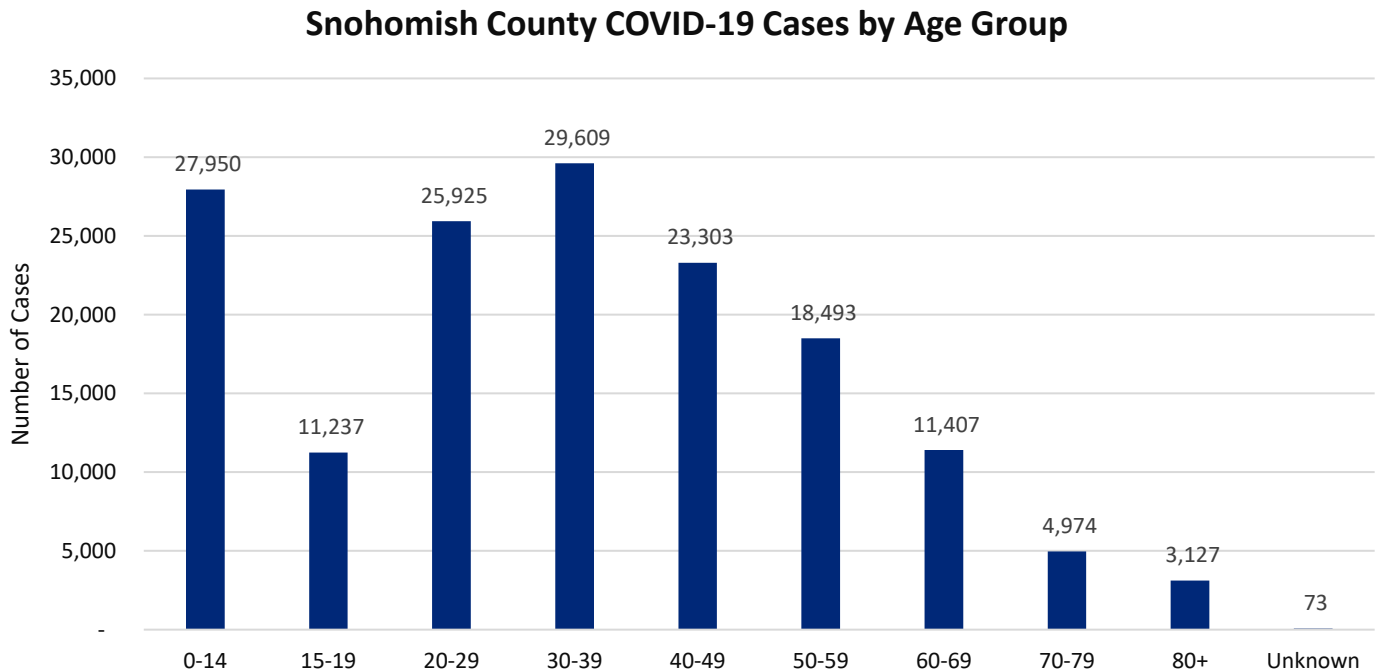


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group

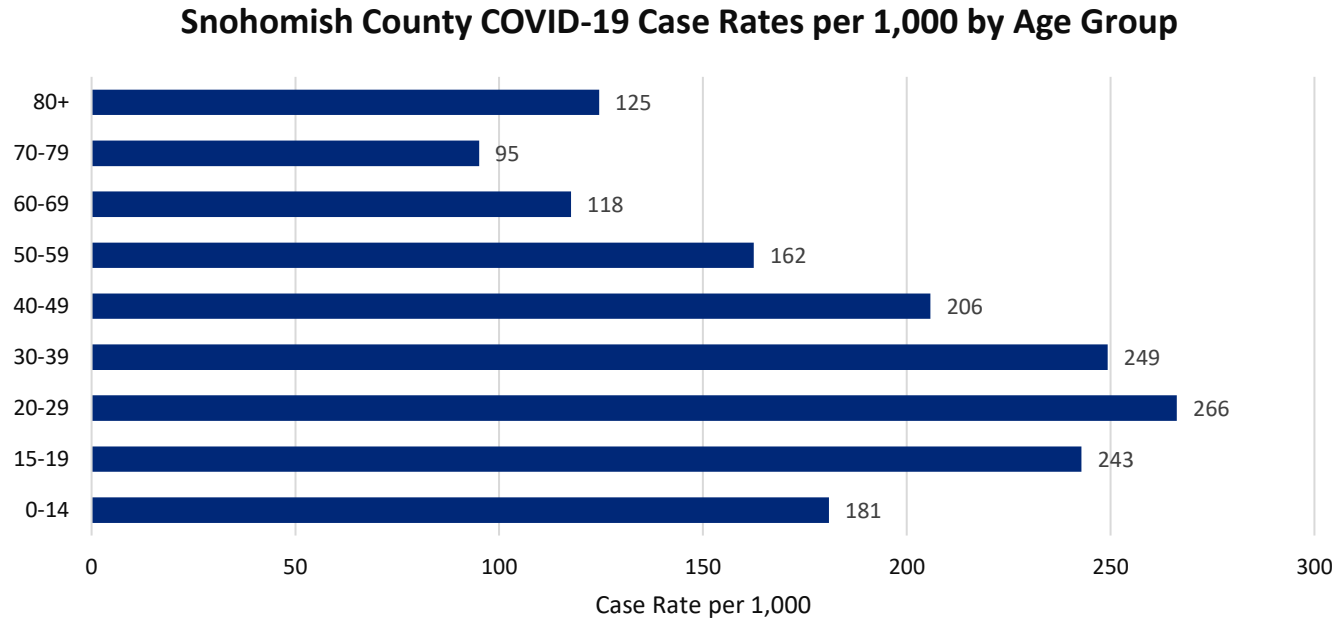


Figure 7: Number of COVID-19 cases by specimen collection date and age group

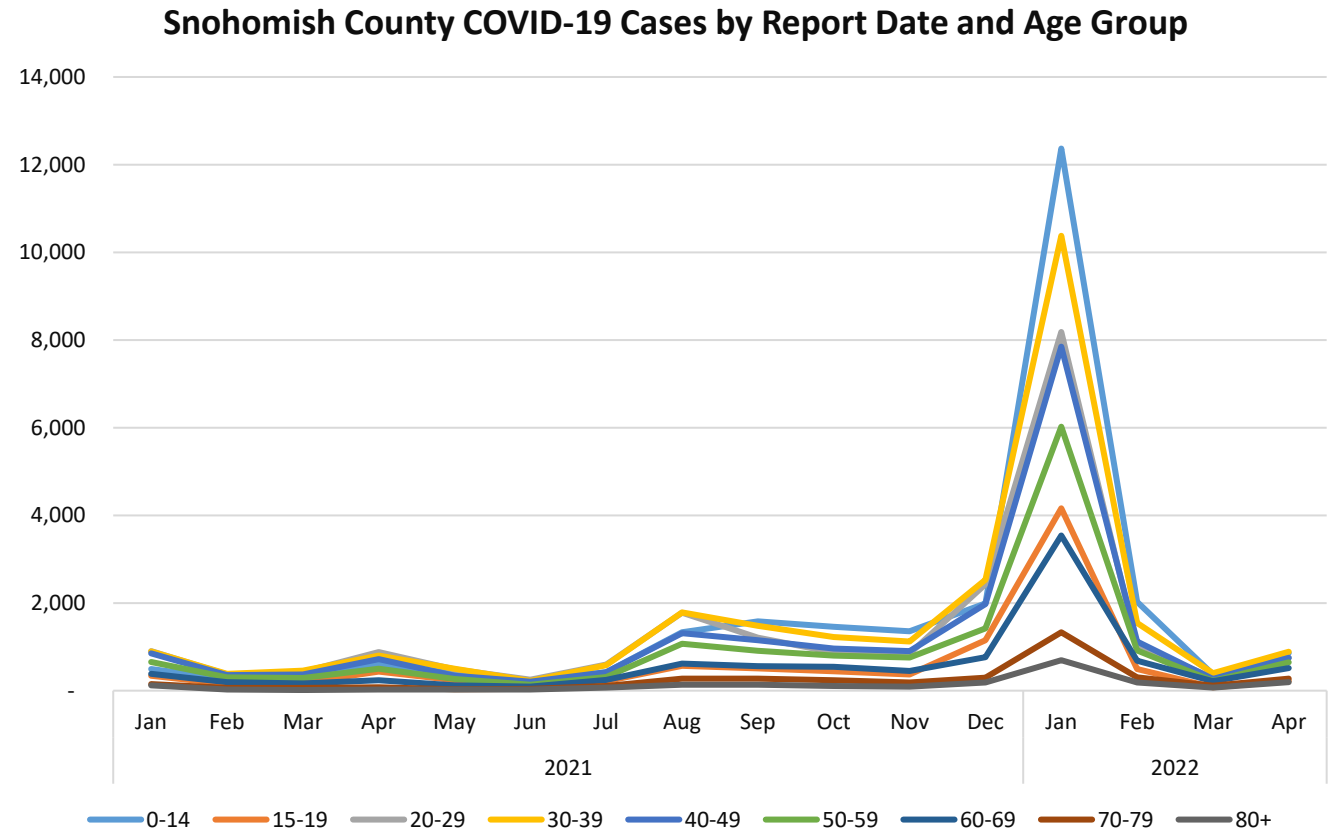


Table 3: COVID-19 cases by race and ethnicity

Race non-Hispanic	Case count	Population	Rate per 1,000	Relative Risk	95% CI Lower	CI Upper
American Indian/Alaska Native	1,499	9,195	163.0	1.2	1.1	1.2
Asian	12,179	98,685	123.4	0.9	0.9	0.9
Black or African American	5,489	25,435	215.8	1.6	1.5	1.6
Native Hawaiian or Pacific Islander	1,621	4,722	343.3	2.5	2.4	2.6
White	77,948	564,701	138.0	1.0		
Multiracial	2,555	---	---	---	---	---
Other, not Hispanic	970	---	---	---	---	---
Ethnicity						
Hispanic or Latino	16,065	90,576	177.4	1.3	1.3	1.3
Total confirmed case with race/ethnicity data	118,326	---	---	---	---	---
Total cases in data set	156,098	---	---	---	---	---
% with race or ethnicity data	75.8%	---	---	---	---	---

Data source: Washington Disease Reporting System (WDRS). Population data from Washington State Office of Financial Management (WA OFM).

Figure 8: Number of COVID-19 cases by Race and Ethnicity, Snohomish County

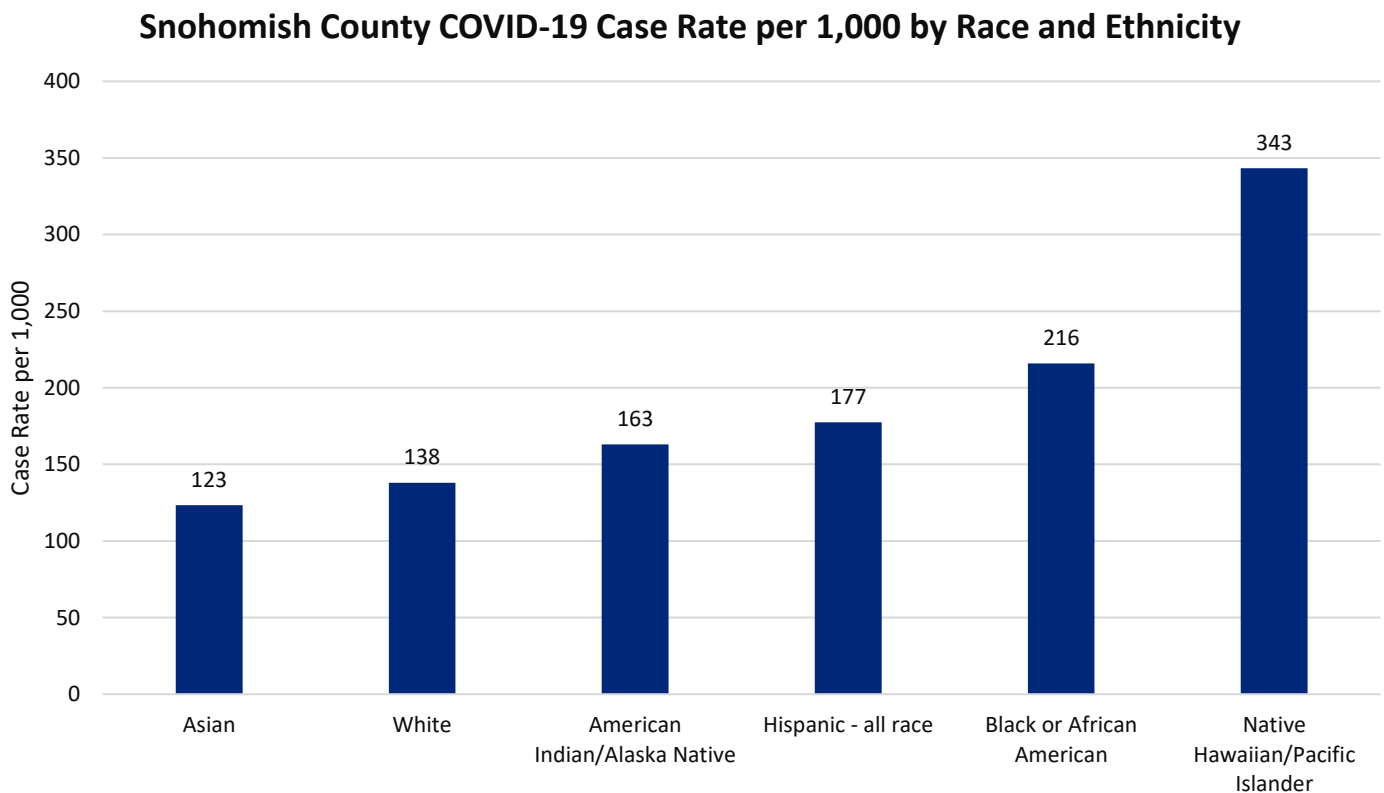


Table 4: Hospitalization of COVID-19 cases in Snohomish County

Ever hospitalized	April 2022	March 2022	Cumulative 1/20/2020-4/30/2022
No	4,934	1,915	150,149
Yes	154	118	5,949
Grand Total	5,088	2,033	156,098

Table 5: COVID-19 hospitalizations by race and ethnicity

Race non-Hispanic	Case count	Population	Rate per 1,000	Relative Risk	95% CI Lower	CI Upper
American Indian/Alaska Native	125	9,195	13.6	2.0	1.7	2.4
Asian	348	98,685	3.5	0.5	0.5	0.6
Black or African American	205	25,435	8.1	1.2	1.0	1.4
Native Hawaiian or Pacific Islander	76	4,722	16.1	2.4	1.9	3.0
White	3,809	564,701	6.7	1	---	---
Multiracial	87	---	---	---	---	---
Other, not Hispanic	49	---	---	---	---	---
Ethnicity						
Hispanic or Latino	501	90,576	5.5	0.8	0.8	0.9

Figure 9: COVID-related hospitalizations by month of illness onset

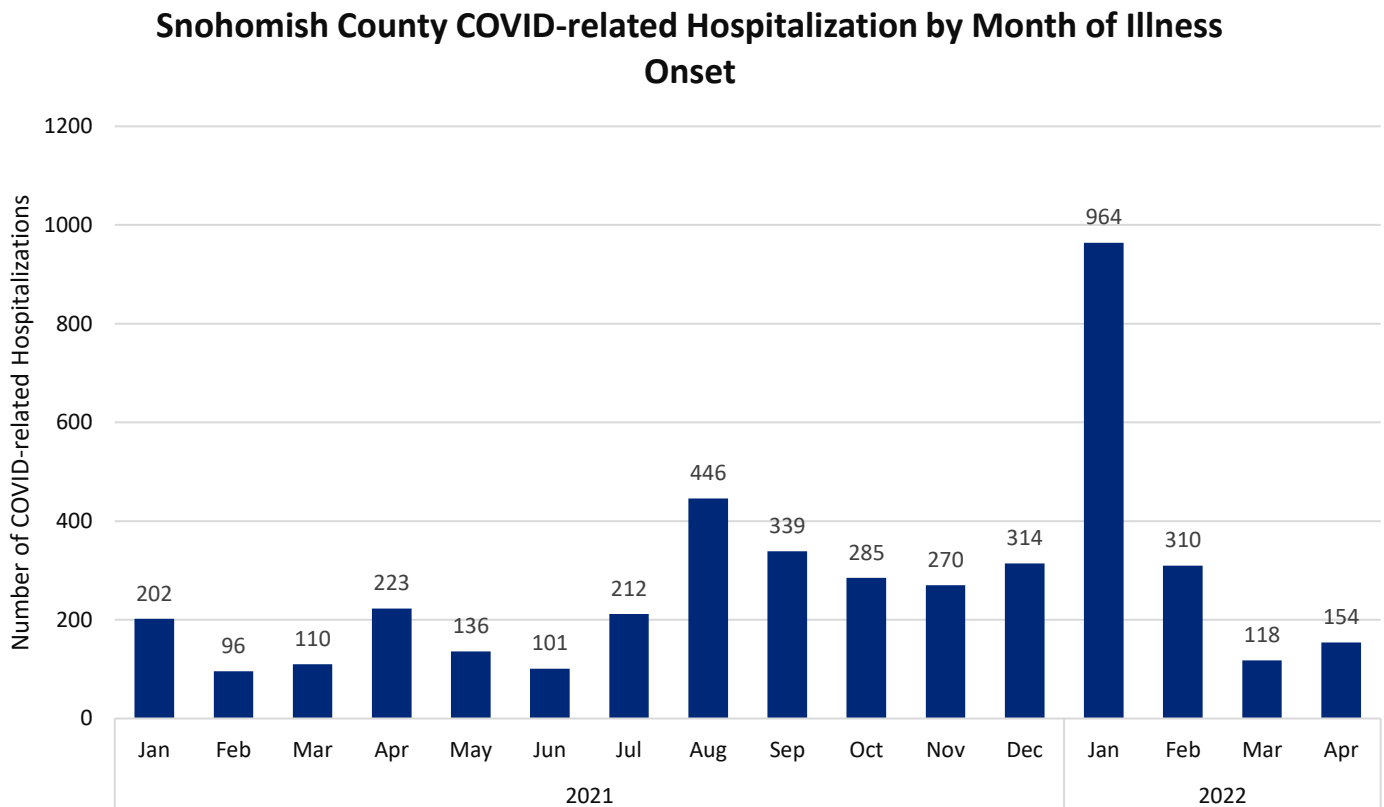


Table 6: COVID outbreaks by type

Type of outbreak	April 2022	March 2022	Cumulative 1/20/2020-4/30/2022
Adult family home	2	1	132
Agriculture	0	0	8
Bar	0	0	6
Behavioral health	0	0	11
Camp	0	0	2
Childcare	12	2	162
Community	0	0	1
Construction	0	0	99
Corrections	0	0	2
Distribution	0	0	18
Emergency services	0	0	20
Faith based services	0	0	43
Financial Institution	1	0	19
Food processing	0	0	24
Government	0	0	37
Gym	0	0	5
Healthcare provider	0	0	24
Home health	0	0	5
Hospital	0	0	8
Landscaping	0	0	13
Leisure/recreation	0	0	27
Long-term Care Facility (LTCF)	10	4	214
Manufacturing	1	0	220
Personal Care and Services	0	0	18
Real estate	0	0	17
Restaurant	0	0	126
Retail	13	3	261
School	36	7	350
Service provider	1	0	124
Shelter	0	0	7
Social Event	0	0	28
Supported Living	0	0	8
Transportation	0	1	16
Utilities	0	0	32
Warehousing	0	0	1
Youth Sports	0	0	7
Total number of outbreaks	76 (Cases 331, median 3, range 1-64)	18 (Cases 80, median 3.5, range 1-10)	2,095 (Cases 19,502, median 4, range 1-949)

COVID-19 IN LONG-TERM CARE FACILITIES

Table 7: Long-term Care Facility (LTCF) Associated COVID-19 Cases (includes: adult family homes (AFH), assisted living facilities (ALF), skilled nursing facilities (SNF) and other congregate living facilities. Only facilities with 5+ cases are listed below.

Facility Name	Facility Type	Last Staff Case Date	Last Resident Case Date	Total Cases	Currently Anticipated Outbreak End Date
Cogir Mill Creek	ALF	5/3/2022	5/5/2022	83	6/2/2022
Edmonds Landing	ALF	4/14/2022	5/4/2022	6	6/1/2022
Gencare Scriber Gardens	ALF	4/26/2022	5/2/2022	13	5/30/2022
South Pointe	ALF	--	5/9/2022	6	6/6/2022
Washington Oakes	ALF	--	5/6/2022	5	6/3/2022
Arlington Health & Rehab	SNF	5/9/2022	5/10/2022	13	6/7/2022
Bethany Pacific	SNF	5/11/2022	5/2/2022	9	5/30/2022
Bethany Silver Lake	SNF	5/11/2022	5/9/2022	42	6/6/2022
Josephine Caring Community	SNF	5/9/2022	--	7	5/16/2022
Lynnwood Post-Acute Rehab Center	SNF	4/11/2022	4/18/2022	37	5/16/2022
Regency Care Monroe	SNF	5/11/2022	4/21/2022	5	5/19/2022

Figure 10: LTCF-associated COVID-19 cases by onset date

Snohomish County Long-term Care Facility Outbreak Associated COVID-19 Cases by Onset Date

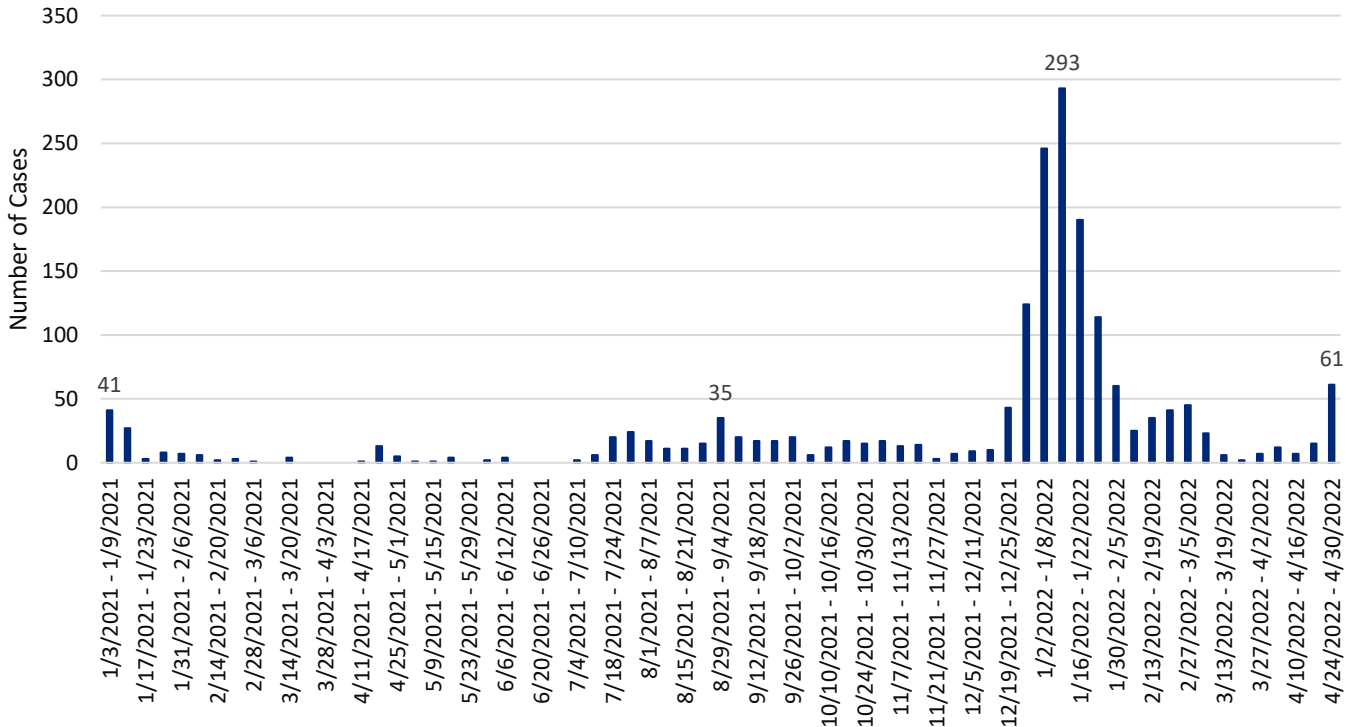


Table 8: LTCF-associated cases ever hospitalized for COVID-19 illness

Ever hospitalized	April 2022	March 2022	Cumulative 1/20/2020-4/30/2022
No	95	57	2,911
Yes	3	6	526
Grand Total	98	63	3,437

COVID-19 DEATHS

Figure 11: Snohomish County COVID-19 related deaths by date of death

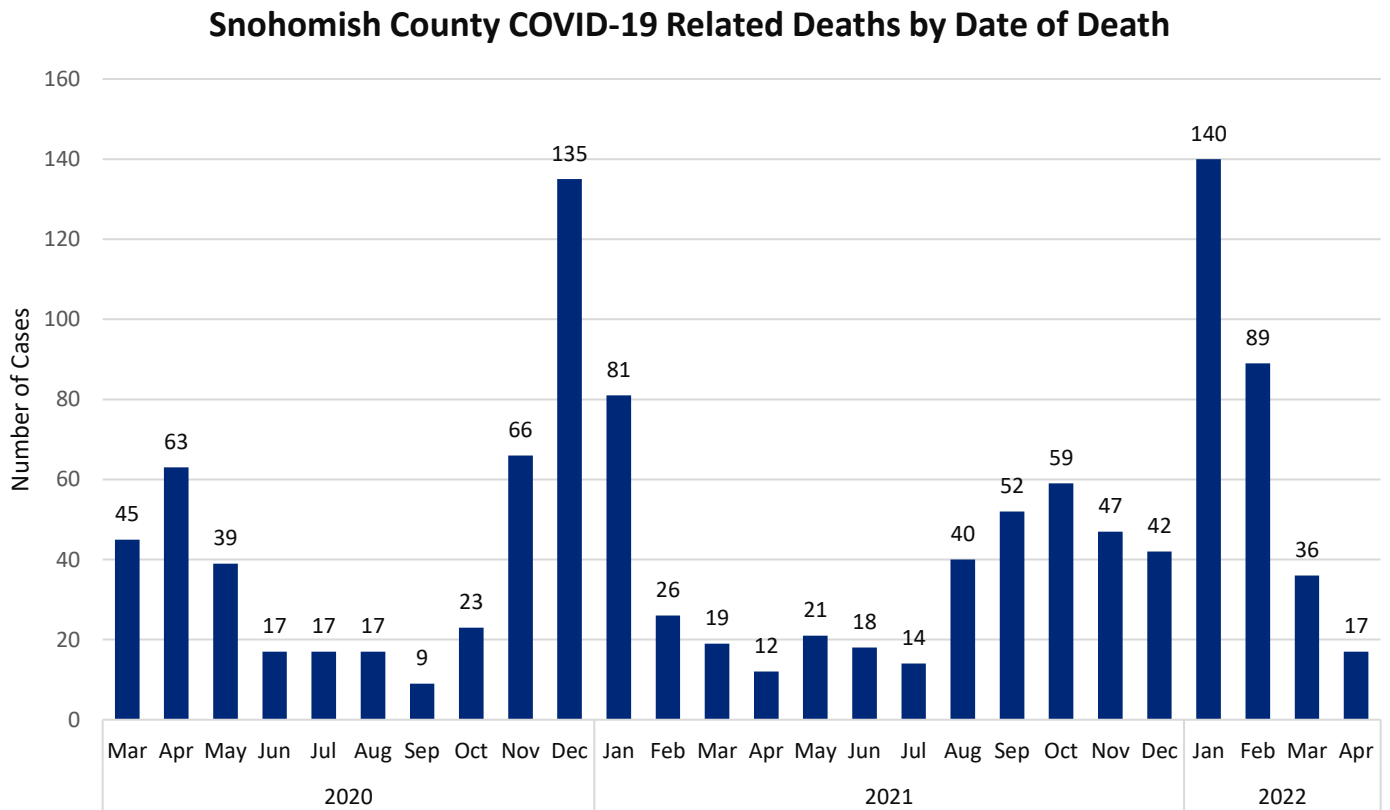


Table 9: Gender of COVID-19 related deaths in Snohomish County by case report date

Sex at birth	April 2022	March 2022	Cumulative 1/20/2020-4/30/2022
Female	9	17	517
Male	8	19	627
Unknown	0	0	1
Grand Total	17	36	1,145

Table 10a: Age group of COVID-19 related deaths in Snohomish County by report week

Age group in years	April 2022	March 2022	Cumulative 1/20/2020-4/30/2022
0-14	0	0	0
15-19	0	0	0
20-29	0	0	10
30-39	0	1	14
40-49	0	2	60
50-59	1	2	93
60-69	4	3	199
70-79	3	8	282
80+	9	20	487
Grand Total	17	36	1,145

Table 10b: Age group of COVID-19 related deaths in Snohomish County – all deaths

Age group in years	Number	Percent	Death rate per 100,000 population	Case Fatality Rate (%)
0-14	0	0%	0	0.0%
15-19	0	0%	0	0.0%
20-29	10	1%	10	0.0%
30-39	14	1%	12	0.0%
40-49	60	5%	53	0.3%
50-59	93	8%	82	0.5%
60-69	199	17%	205	1.7%
70-79	282	25%	539	5.7%
80+	487	43%	1,939	15.6%
Grand Total	1,145	100%	137	0.7%

Figure 12: Number of Snohomish County COVID-19 related deaths by age group

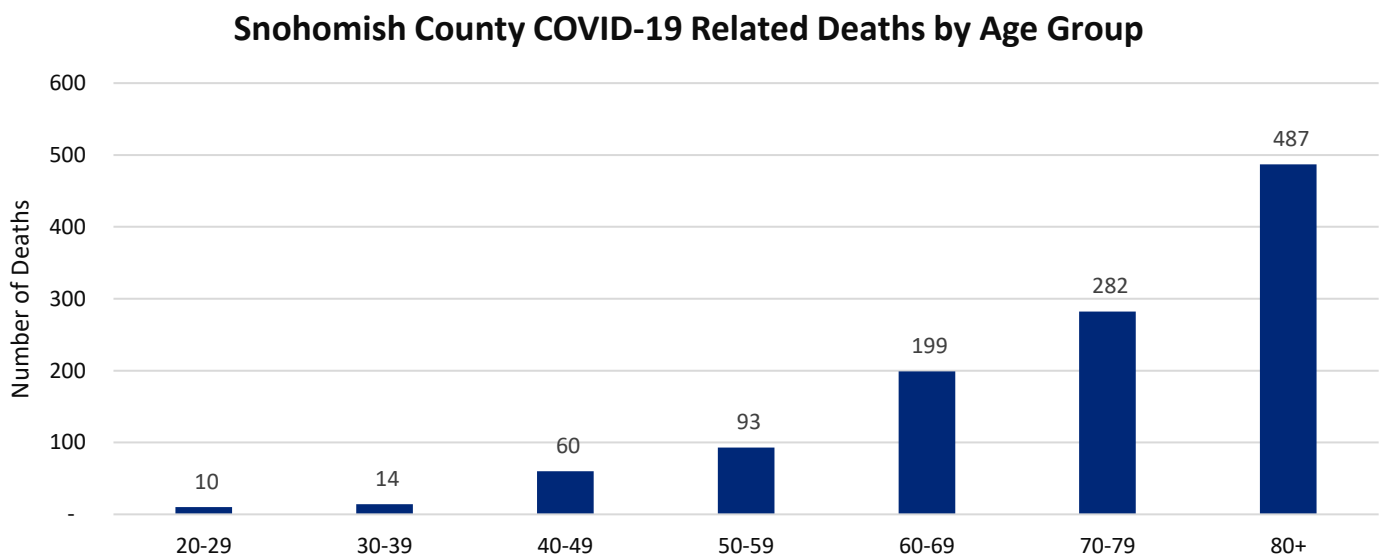


Table 11: COVID-19 related deaths by race and ethnicity

Race non-Hispanic	Case count	Population	Rate per 1,000	Relative Risk	95% CI Lower	95% CI Upper
American Indian/Alaska Native	21	9,195	2.3	1.7	1.1	2.5
Asian	71	98,685	0.7	0.5	0.4	0.7
Black African American	22	25,435	0.9	0.6	0.4	1.0
Native Hawaiian or Pacific Islander	8	4,722	1.7	1.2	0.6	2.5
White	777	564,701	1.4	1.0	---	---
Multiracial	12	---	---	---	---	---
Other, non-Hispanic	14	---	---	---	---	---
Ethnicity						
Hispanic or Latino	61	90,576	0.7	0.5	0.4	0.6
Unknown	159	---	---	---	---	---
Total*	1,145	837,800	1.4	---	---	---

*Total includes all races plus other and unknown

Table 12: COVID-19 case-hospitalization and case-death proportions

Race non-Hispanic	Cases	Hospitalizations		Deaths		
		N	% of cases (95%CI)	N	% of cases (95%CI)	% of hospitalized
American Indian/Alaska Native	1,499	125	8 (6.9,9.7)	21	1 (0.8,2.0)	16.8%
Asian	12,179	348	3 (2.6,3.2)	71	1 (0.4,0.7)	20.4%
Black or African American	5,489	205	4 (3.2,4.2)	22	<1 (0.2,0.6)	10.7%
Native Hawaiian or Pacific Islander	1,621	76	5 (3.7,5.7)	8	<1 (0.2,0.8)	10.5%
White	77,948	3809	5 (4.7,5.0)	777	1 (0.9,1.1)	20.4%
Ethnicity						
Hispanic or Latino	16,065	501	3 (2.8,3.4)	61	<1 (0.3,0.5)	12.2%

Table 13: Hospitalization of COVID-19 related deaths in Snohomish County

Ever hospitalized	April 2022	March 2022	Cumulative 1/20/2020-4/30/2022
Yes	11	25	843
No	6	11	302
Grand Total	17	36	1,145

COVID-19 Epidemiological Report Snohomish County April 2022

COVID-19 VACCINE

Data in this section is through May 15, 2022.

Table 17: COVID-19 vaccination status among Snohomish County residents having initiated vaccination

Vaccine status	People initiating vaccination	Percent of eligible population	Snohomish County eligible population (5+ years)
Fully vaccinated	579,198	74%	781,248
Partially vaccinated	45,870	6%	781,248
Received a booster (12+ years)	321,167	60%	534,511
Total number of people initiating vaccination	625,068	80%	781,248

Table 18: COVID-19 vaccine initiation by sex at birth

Sex at birth	People initiating vaccination	Percent of people initiating vaccination	People fully vaccinated	Percent fully vaccinated	People boosted (12+)	Percent of Eligible Boosted (12+)	Eligible population (5+ years)
Female	320,983	82%	298,794	76.6%	173,968	63%	390,175
Male	302,856	77%	279,392	71.4%	146,761	57%	391,071
Unknown	1,229	---	1,012	---	438	47%	---
Total persons initiating vaccination	625,068	80%	579,198	74.1%	321,167	60%	781,248

Table 19: COVID-19 vaccine initiation by age group

Age group in years	People initiating vaccination	Percent of people initiating vaccination	People fully vaccinated	Percent fully vaccinated	People boosted (12+)	Percent of Eligible Boosted (12+)	Eligible population (5+ years)
5 to 11	31,338	42%	27,961	37.6%	---	---	74,297
12 to 15	26,593	63%	24,689	58.1%	8,606	41.4%	42,493
16 to 19	29,653	82%	27,306	75.4%	11,551	44.7%	36,208
20 to 34	128,943	85%	116,504	76.5%	50,943	45.7%	152,342
35 to 49	147,405	83%	137,388	77.8%	76,653	57.4%	176,569
50 to 64	139,968	82%	131,578	77.5%	85,372	66.0%	169,752
65+	121,168	94%	113,772	87.8%	88,042	77.9%	129,586
Total initiating vaccination	625,068	80%	579,198	74.1%	321,167	60.1%	781,248

Table 20: COVID-19 vaccine initiation by race and ethnicity

Race/Ethnicity	People initiating vaccination	Percent of people initiating vaccination	People fully vaccinated	Percent fully vaccinated	People boosted (12+)	Percent of Eligible Boosted (12+)	Eligible population (5+ years)
American Indian/Alaska Native	6,524	75%	5,993	69.3%	2,777	51.2%	8,654
Asian	83,891	90%	78,083	83.7%	48,946	68.8%	93,332
Black	20,799	88%	18,920	80.2%	7,979	47.1%	23,580
Multiracial	694	2%	634	2.0%	205	44.0%	31,429
Native Hawaiian or Pacific Islander	5,281	100%	4,811	100.0%	2,284	51.8%	4,404
White	348,581	65%	329,368	61.0%	193,876	62.5%	539,681
Other, non-Hispanic	68,117	---	63,244	---	34,584	---	---
Ethnicity							
Hispanic - All race	56,773	71%	51,113	63.8%	21,072	46.9%	80,167
Unknown	34,408	---	27,032	---	9,444	---	---
Total	625,068	80%	579,198	74.1%	321,167	60.1%	781,248

Figure 16: COVID-19 vaccine initiation rates by race and ethnicity

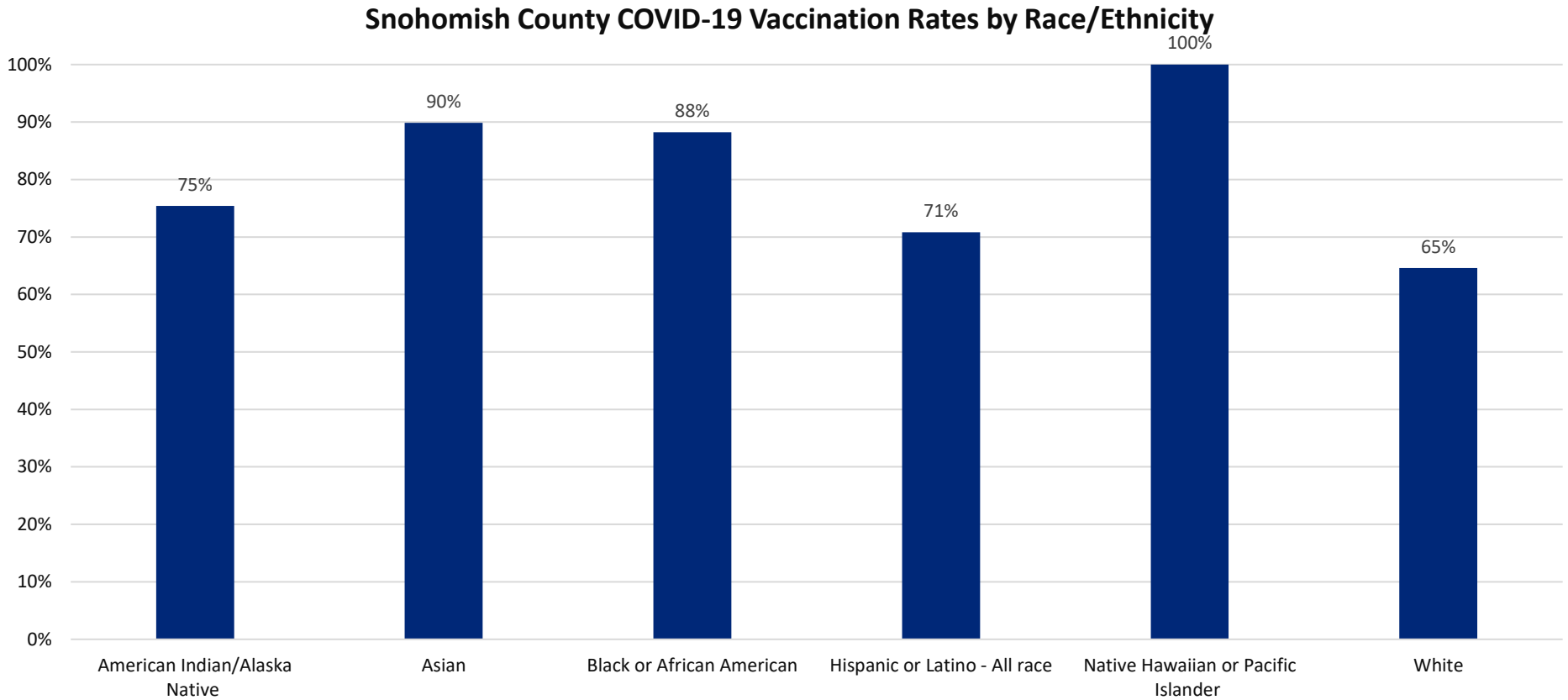


Table 21: COVID-19 vaccine initiation by race and ethnicity relative-risk compared to non-Hispanic White

Race non-Hispanic	People initiating vaccination	Eligible population (5+ years)	Percent of people initiating vaccination	Relative Risk	95% CI Lower	CI Upper
American Indian/Alaska Native	6,524	8,654	75%	1.2	1.1	1.2
Asian	83,891	93,332	90%	1.4	1.4	1.4
Black	20,799	23,580	88%	1.4	1.3	1.4
Multiracial	694	31,429	2%	0.03	0.03	0.04
Native Hawaiian or Pacific Islander	5,281	4,404	100%	1.9	1.8	1.9
White	348,581	539,681	65%	1.0	---	---
Other, non-Hispanic	68,117	---	---	---	---	---
Ethnicity						
Hispanic	56,773	80,167	71%	1.1	1.1	1.1
Unknown	34,408	---	---	---	---	---
Total persons initiating vaccination	625,068	781,248	80%	---	---	---

Table 22: COVID-19 vaccine recipients by city of residency, Snohomish County, December 15, 2020 – April 17, 2022

City	Zip	People initiating vaccination	Percent of residents initiating vaccination	Total population
Arlington	98223	27,669	57%	48,287
Bothell	98021	30,198	92%	32,871
Bothell/Mill Creek	98012	63,018	91%	69,104
Darrington	98241	1,154	50%	2,286
Edmonds	98020	18,070	91%	19,868
Edmonds	98026	32,278	83%	39,044
Everett	98201	22,571	68%	33,161
Everett	98203	27,157	74%	36,836
Everett	98204	31,445	71%	44,566
Everett	98208	46,063	76%	60,736
Gold Bar	98251	2,809	56%	5,015
Granite Falls	98252	6,302	58%	10,908
Lake Stevens	98258	36,376	100%	34,043
Lynnwood	98036	34,569	79%	43,976
Lynnwood	98037	25,092	80%	31,199
Lynnwood	98087	32,156	80%	40,001
Marysville	98270	36,011	72%	50,114
Marysville	98271	20,867	66%	31,833
Monroe	98272	21,249	67%	31,498
Mountlake Terrace	98043	18,294	84%	21,696
Mukilteo	98275	19,048	89%	21,365
Snohomish	98290	25,706	68%	37,832
Snohomish	98296	21,069	67%	31,520
Stanwood	98292	16,565	68%	24,189
Sultan	98294	4,766	62%	7,648
Total	---	620,502	74%	837,800

*NOTES: 1. Data for this table is from the WAIS repository dataset 05/08/2022. Woodinville 98072 has been excluded due to cross county jurisdiction. Population data Source: https://geo.wa.gov/datasets/377b5263afbd44a09017d4c8491538a4_9/explore Due to limitations in the data set, vaccine coverage figures may not be accurate. These data provide a rough estimate of coverage with respect to geography.