

COVID-19 EPIDEMIOLOGIC OVERVIEW

Data source: Washington State Disease Reporting System (WDRS)

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

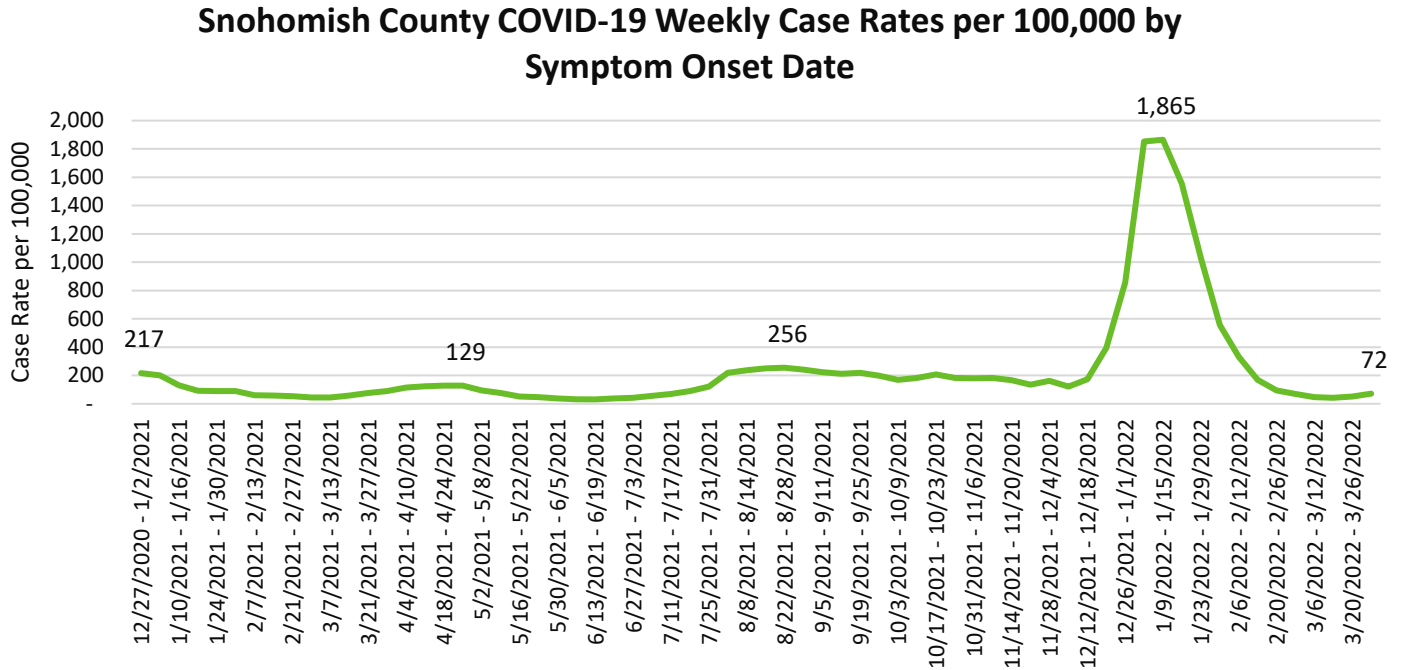


Figure 2: Number of Snohomish County COVID-19 cases by specimen collection date

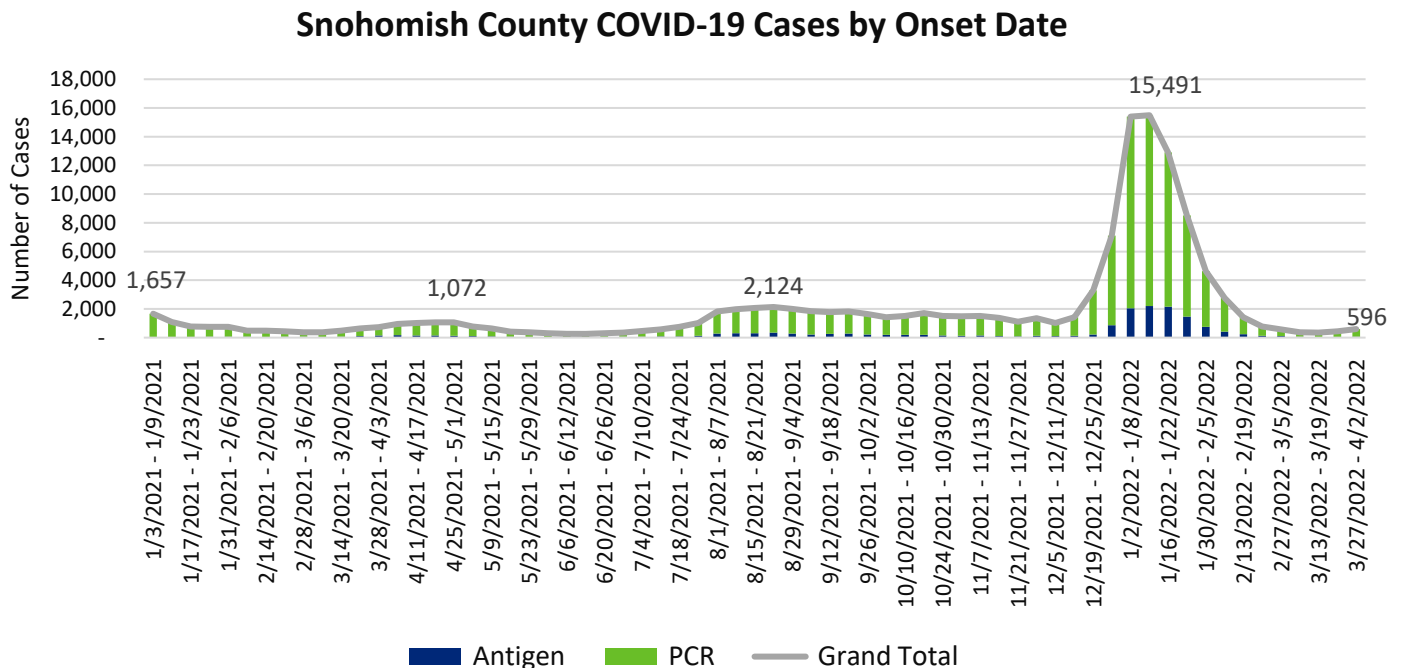
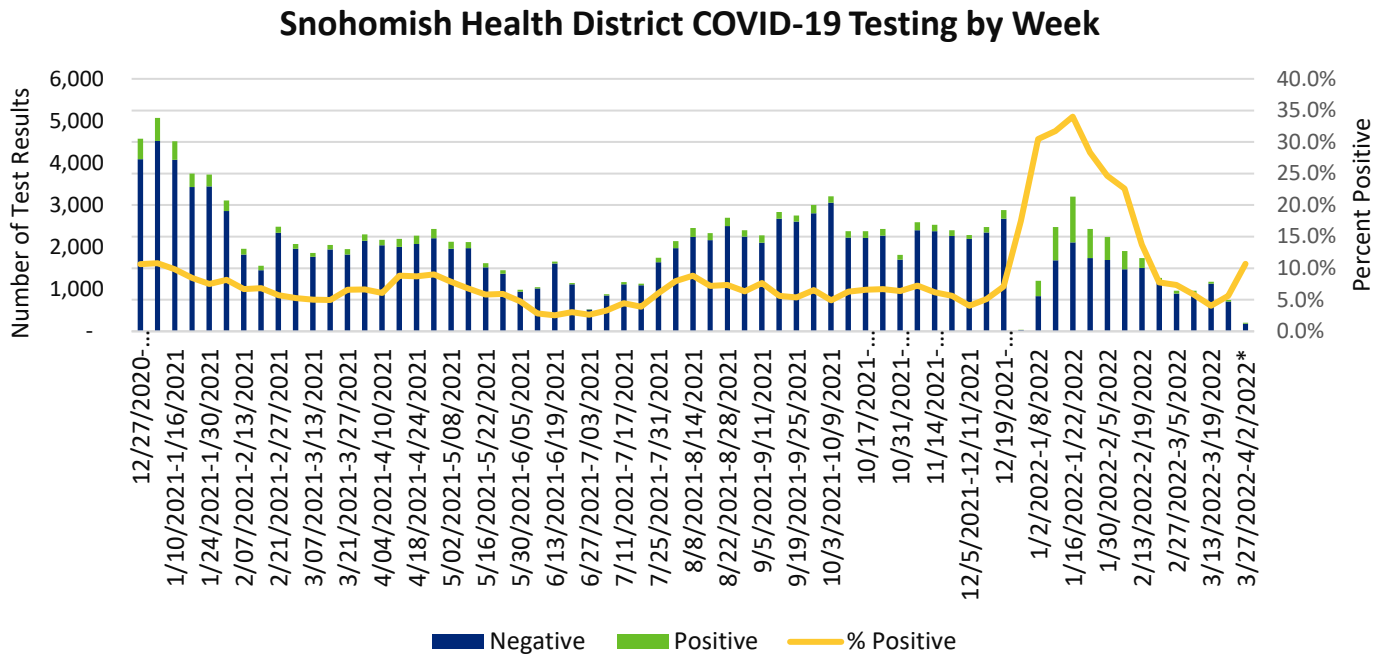


Figure 3: Snohomish Health District COVID-19 testing by week



*Note: Snohomish Health District run test-sites were no longer in operation after 3/31/2022.

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

Sex at birth	March 2022	February 2022	Cumulative 1/20/2020-3/31/2022
Female	1,055	4,276	76,164
Male	962	4,033	74,566
Unknown	0	3	193
Grand Total	2,017	8,312	150,923

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

Age group in years	March 2022	February 2022	Cumulative 1/20/2020-3/31/2022
0-14	362	2,032	27,076
15-19	76	495	11,010
20-29	296	1,018	25,163
30-39	400	1,540	28,706
40-49	265	1,122	22,551
50-59	223	917	17,842
60-69	212	685	10,881
70-79	114	301	4,696
80+	67	185	2,927
Unknown	2	17	71
Grand Total	2,017	8,312	150,923

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

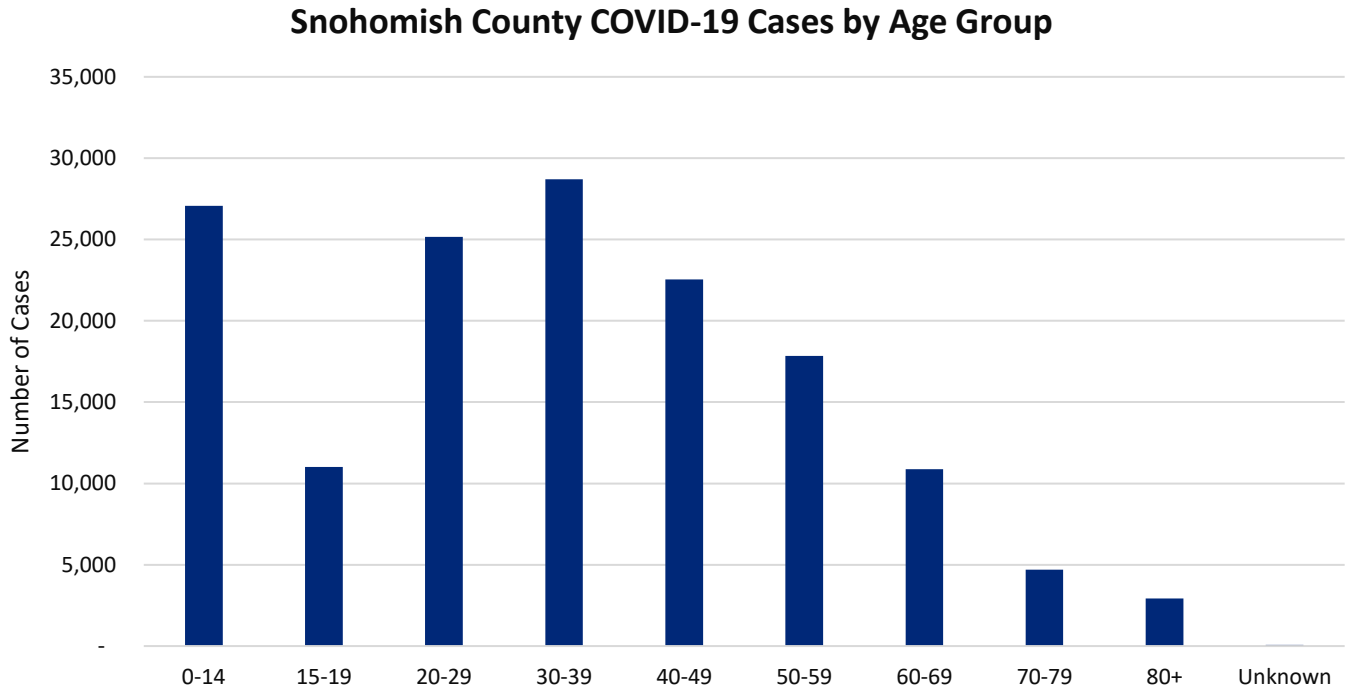


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group

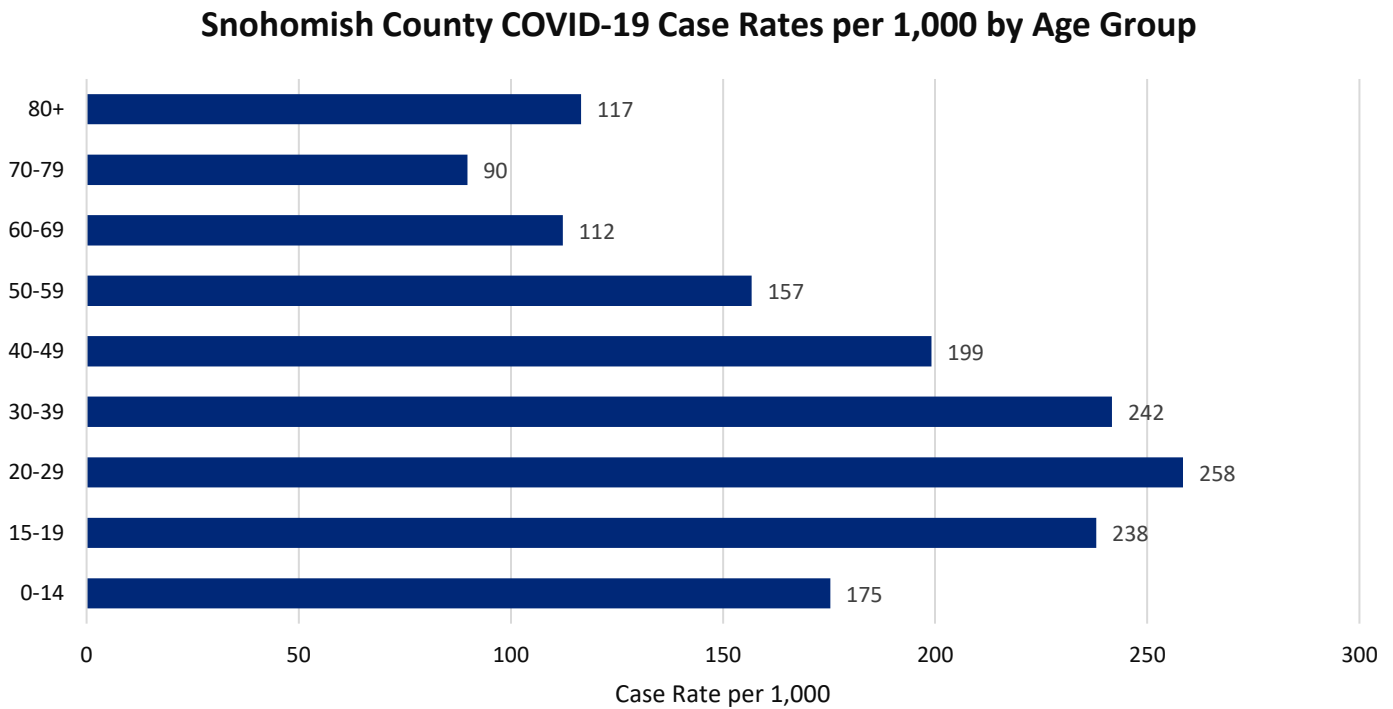


Figure 7: Number of COVID-19 cases by specimen collection date and age group

Snohomish County COVID-19 Cases by Report Date and Age Group

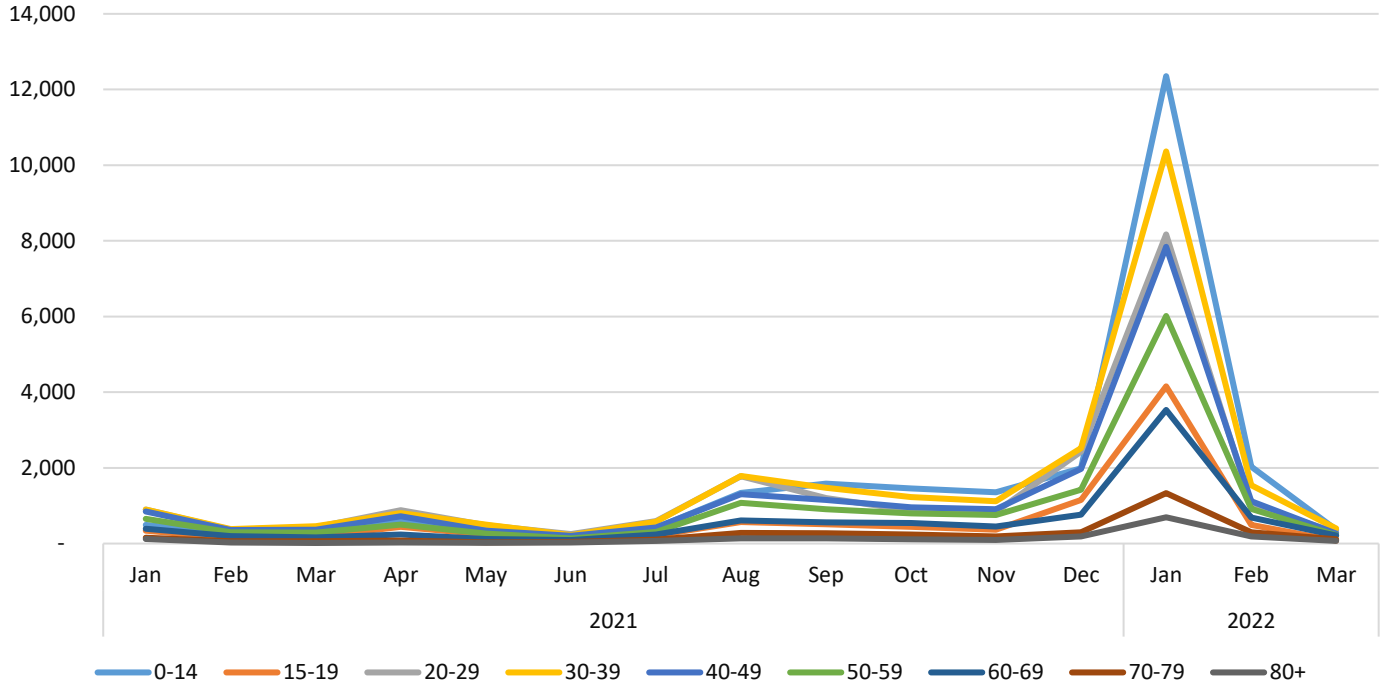


Table 3: COVID-19 cases by race and ethnicity

Race non-Hispanic	Case count	Population	Rate per 1,000	Relative Risk	95% CI Lower	CI Upper
American Indian/Alaska Native	1,462	9,195	159.0	1.2	1.1	1.3
Asian	11,385	98,685	115.4	0.9	0.9	0.9
Black or African American	5,330	25,435	209.6	1.6	1.5	1.6
Native Hawaiian or Pacific Islander	1,589	4,722	336.5	2.5	2.4	2.7
White	75,225	564,701	133.2	1.0		
Multiracial	2,505	---	---	---	---	---
Other, not Hispanic	939	---	---	---	---	---
Ethnicity						
Hispanic or Latino	15,829	90,576	174.8	1.3	1.3	1.3
Total confirmed case with race/ethnicity data	114,264	---	---	---	---	---
Total cases in data set	150,923	---	---	---	---	---
% with race or ethnicity data	75.7%	---	---	---	---	---

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

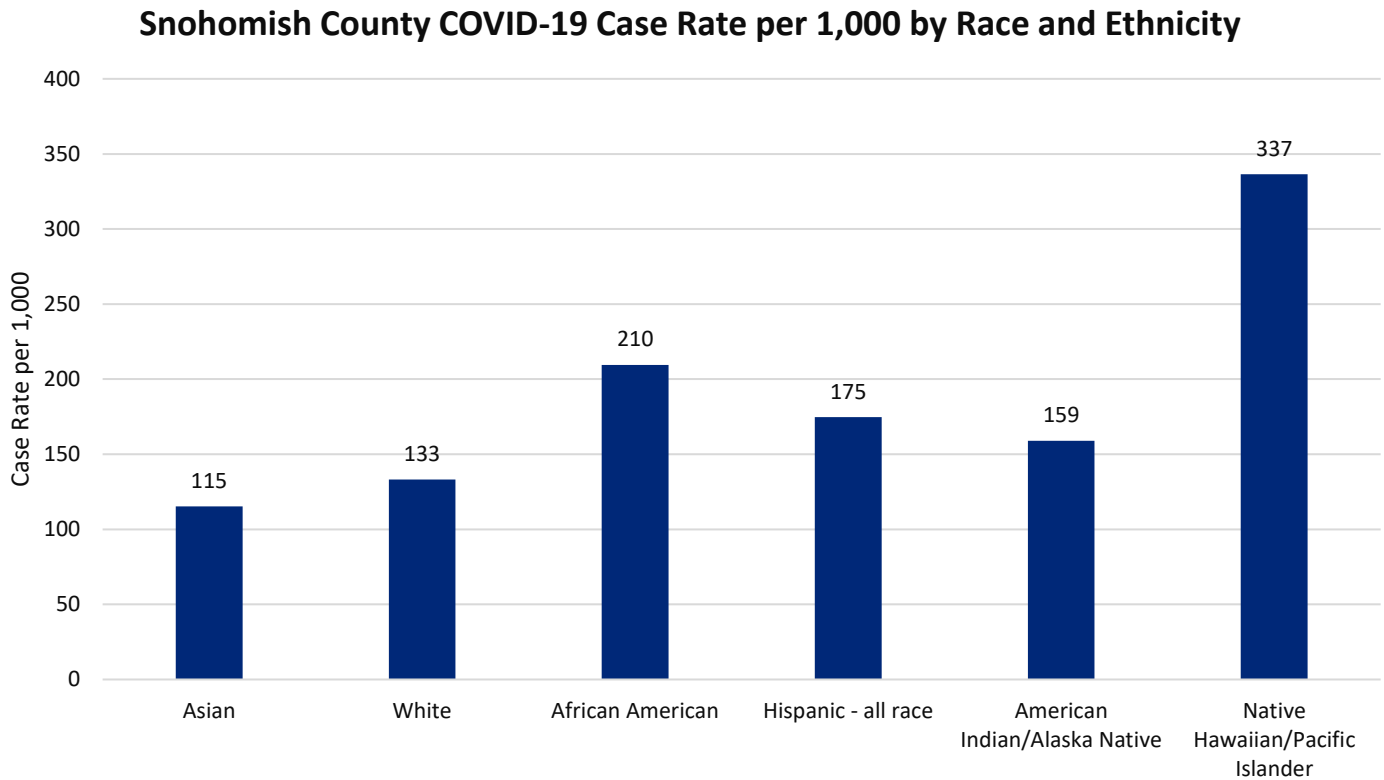


Table 4: Hospitalization of COVID-19 cases in Snohomish County

Ever hospitalized	March 2022	February 2022	Cumulative 1/20/2020-3/31/2022
No	1,900	8,002	145,128
Yes	117	310	5,795
Grand Total	2,017	8,312	150,923

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	121	9,195	13.2	2.0	1.7	2.4
Asian	337	98,685	3.4	0.5	0.5	0.6
Black or African American	201	25,435	7.9	1.2	1.1	1.4
Native Hawaiian or Pacific Islander	75	4,722	15.9	2.4	1.9	3.0
White	3,688	564,701	6.5	1		
Multiracial	83	---	---	---	---	---
Other, not Hispanic	49	---	---	---	---	---
Ethnicity						
Hispanic or Latino	496	90,576	5.5	0.8	0.8	0.9

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

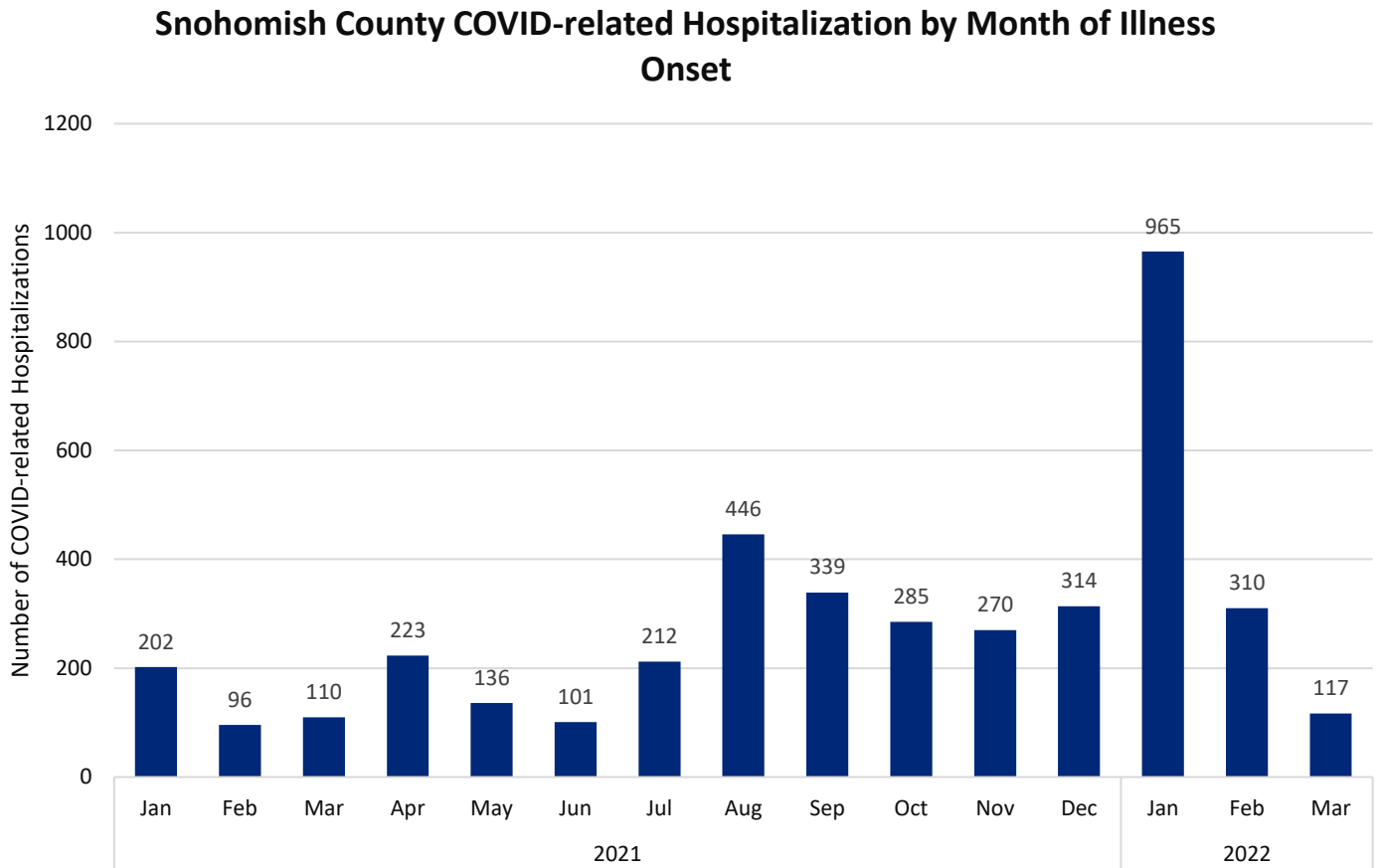


Table 6: COVID outbreaks by type

Type of outbreak	March 2022	February 2022	Cumulative 1/20/2020-3/31/2022
Adult family home	1	6	131
Agriculture	0	0	8
Bar	0	0	6
Behavioral health	0	0	11
Camp	0	0	2
Childcare	2	17	152
Community	0	0	1
Construction	0	1	99
Corrections	0	0	2
Distribution	0	1	18
Emergency services	0	0	20
Faith based services	0	0	43
Financial Institution	0	2	19
Food processing	0	0	24
Government	0	6	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	1	27
Long-term Care Facility (LTCF)	2	1	201
Manufacturing	0	4	220
Personal Care and Services	0	0	18
Real estate	0	0	17
Restaurant	0	2	126
Retail	3	5	252
School	5	3	312
Service provider	0	1	123
Shelter	0	0	7
Social Event	0	0	28
Supported Living	0	0	8
Transportation	1	4	16
Utilities	0	1	32
Warehousing	0	0	1
Youth Sports	0	0	7
Total number of outbreaks	14 (Cases 55, median 3, range 1-10)	55 (Cases 278, median 3, range 1-21)	2,023 (Cases 18,936, 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
Arlington Health and Rehab	SNF	3/14/2022	3/14/2022	44	4/11/2022
Bethany at Pacific	SNF	3/1/2022	3/1/2022	57	3/29/2022
Josephine Caring Community	SNF	3/8/2022	3/17/2022	105	4/14/2022
Josephine Suites	ALF	2/2/2022	3/3/2022	17	3/31/2022
Prestige Post-Acute	SNF	2/28/2022	3/3/2022	26	3/31/2022
Snohomish Health & Rehab	SNF	3/13/2022	3/13/2022	71	4/10/2022

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

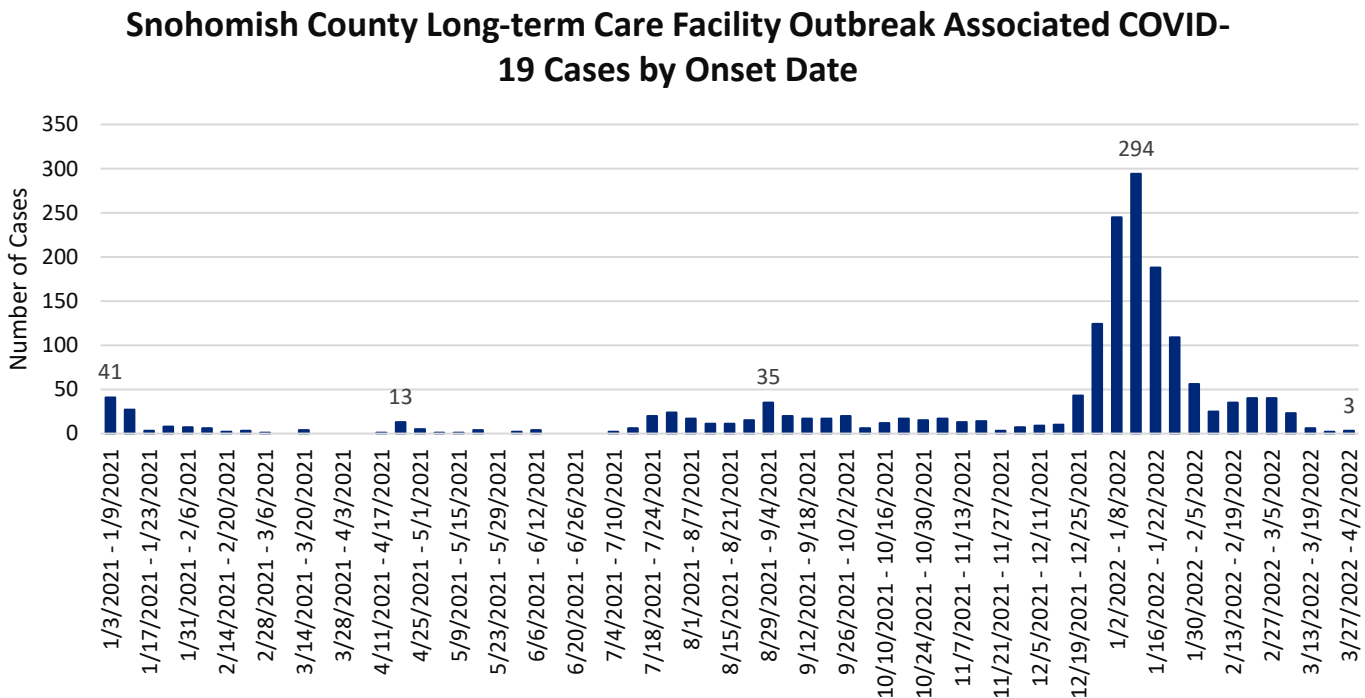


Table 8: LTCF-associated cases ever hospitalized for COVID-19 illness

Ever hospitalized	March 2022	February 2022	Cumulative 1/20/2020-3/31/2022
No	53	150	2,802
Yes	5	5	519
Grand Total	58	155	3,321

COVID-19 DEATHS

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

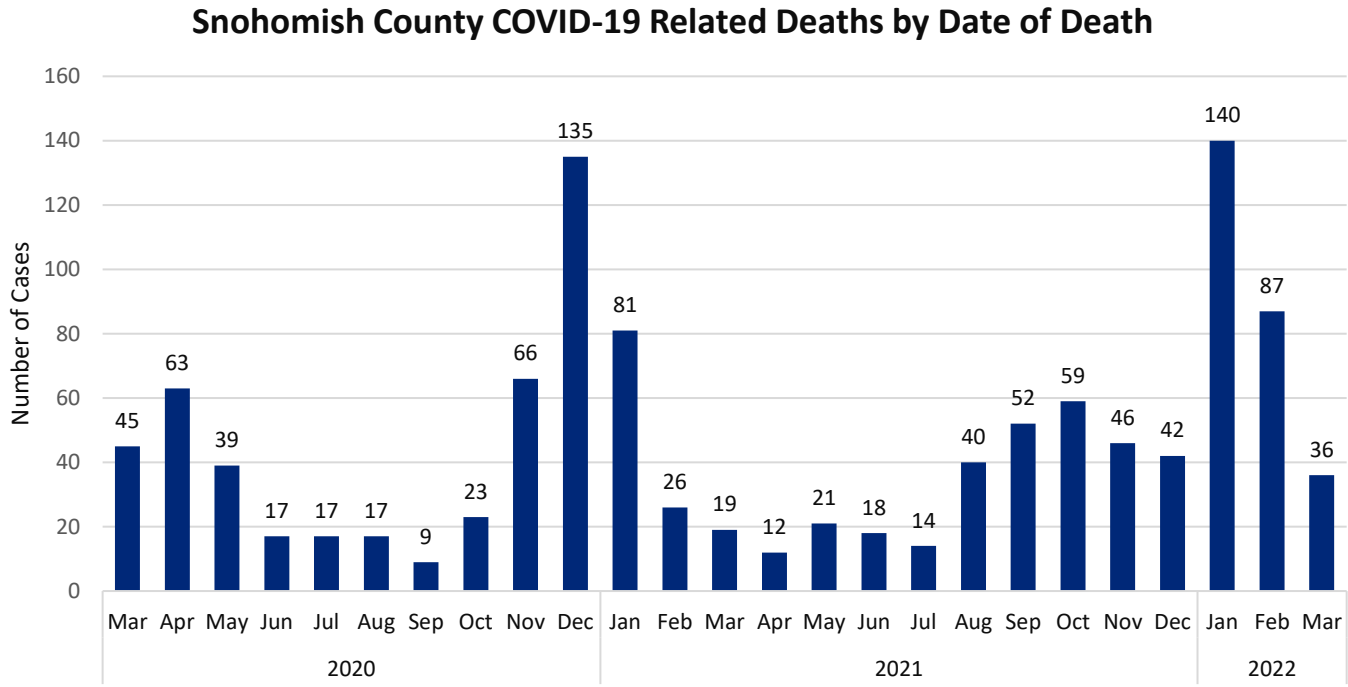


Table 9: Gender of COVID-19 related deaths in Snohomish County by case report date

Sex at birth	March 2022	February 2022	Cumulative 1/20/2020-3/31/2022
Female	17	31	505
Male	19	56	619
Unknown	0	0	1
Grand Total	36	87	1,125

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

Age group in years	March 2022	February 2022	Cumulative 1/20/2020-3/31/2022
0-14	0	0	0
15-19	0	0	0
20-29	0	1	10
30-39	1	1	14
40-49	2	6	60
50-59	2	8	92
60-69	3	16	194
70-79	8	22	277
80+	20	33	478
Grand Total	36	87	1,125

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%	11	0.0%
40-49	60	5%	49	0.2%
50-59	92	8%	78	0.5%
60-69	194	17%	190	1.7%
70-79	277	25%	510	5.7%
80+	478	42%	1,812	15.5%
Grand Total	1,125	100%	128	0.7%

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

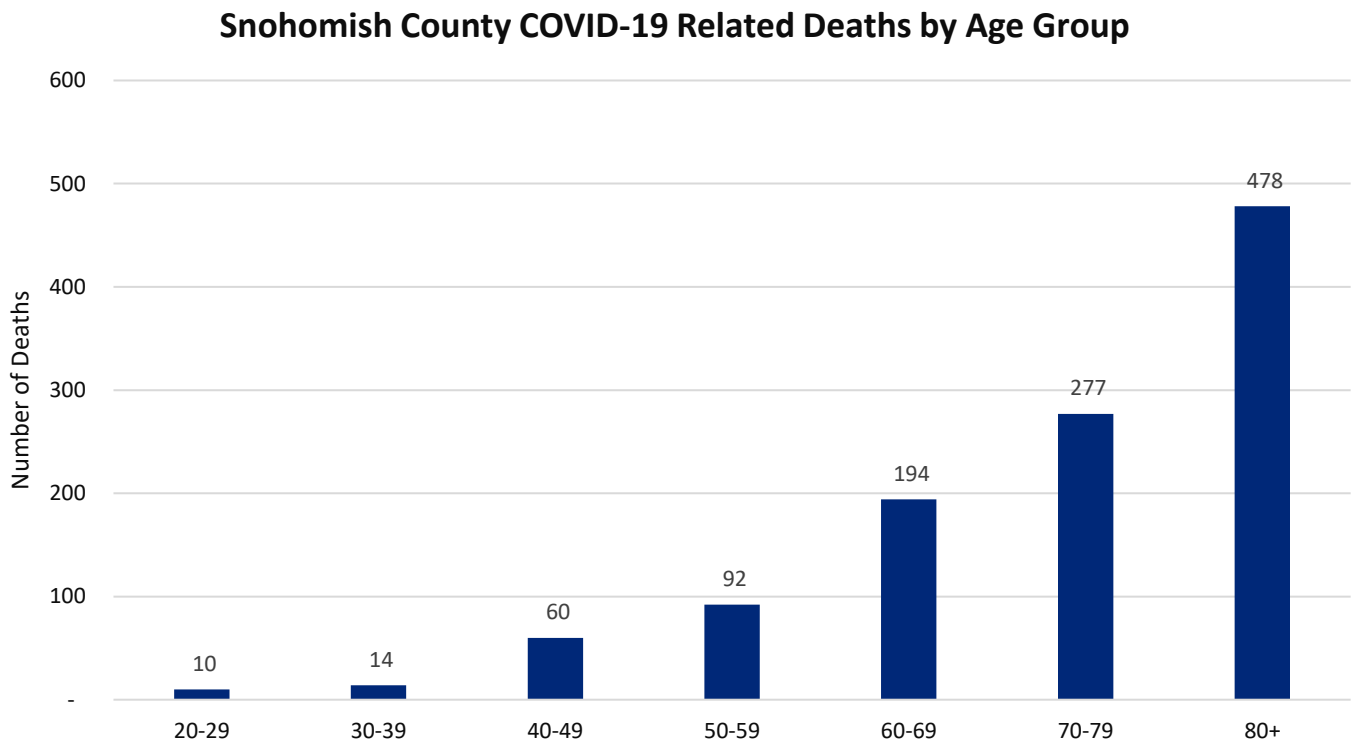


Table 11: COVID-19 related deaths by race and ethnicity

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	2.6
Asian	69	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	1.3	0.6	2.5
White	761	564,701	1.3	1.0	---	---
Multiracial	12	---	---	---	---	---
Other, non-Hispanic	13	---	---	---	---	---
Ethnicity						
Hispanic or Latino	61	90,576	0.7	0.5	0.4	0.6
Unknown	158	---	---	---	---	---
Total*	1,125	837,800	1.3	---	---	---

*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	1,462	121	8 (6.9,9.7)	21	1 (0.8,2.0)	17.4%
Asian	11,385	337	3 (2.6,3.3)	69	1 (0.5,0.7)	20.5%
Black or African American	5,330	201	4 (3.3,4.3)	22	<1 (0.2,0.6)	10.9%
Native Hawaiian or Pacific Islander	1,589	75	5 (3.7,5.8)	8	1 (0.2,0.9)	10.7%
White	75,225	3688	5 (4.7,5.1)	761	1 (0.9,1.1)	20.6%
Ethnicity						
Hispanic or Latino	15,829	496	3 (2.9,3.4)	61	<1 (0.3,0.5)	12.3%

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

Ever hospitalized	March 2022	February 2022	Cumulative 1/20/2020-3/31/2022
Yes	11	19	830
No	25	68	295
Grand Total	36	87	1,125

COVID-19 Epidemiological Report Snohomish County March 2022

COVID-19 VACCINE

Data in this section is through April 19, 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	577,001	74%	---
Partially vaccinated	45,869	6%	---
Received a booster (12+ years)	316,601	60%	526,832
Total number of people initiating vaccination	622,870	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	319,801	82%	297,631	76.3%	171,447	62.7%	390,175
Male	301,806	77%	278,321	71.2%	144,681	57.3%	391,071
Unknown	1,263	---	1,049	---	473	---	---
Total persons initiating vaccination	622,870	80%	577,001	73.9%	316,601	60.1%	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	31,246	42%	27,829	37.5%	---	---	74,297
12 to 15	26,675	63%	24,735	58.2%	8,578	41.4%	42,493
16 to 19	29,469	81%	27,110	74.9%	11,320	44.7%	36,208
20 to 34	128,873	85%	116,519	76.5%	50,416	45.7%	152,342
35 to 49	146,978	83%	137,022	77.6%	75,799	57.4%	176,569
50 to 64	139,591	82%	131,211	77.3%	84,228	66.0%	169,752
65+	120,038	93%	112,575	86.9%	86,260	77.9%	129,586
Total initiating vaccination	622,870	80%	577,001	73.9%	316,601	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	6,469	75%	5,939	68.6%	2,688	50.7%	8,654
Asian	83,327	89%	77,628	83.2%	48,187	68.7%	93,332
Black	20,682	88%	18,798	79.7%	7,797	46.9%	23,580
Multiracial	697	2%	631	2.0%	207	45.2%	31,429
Native Hawaiian or Pacific Islander	5,259	100%	4,793	100.0%	2,254	51.9%	4,404
White	346,361	64%	326,997	60.6%	190,093	62.3%	539,681
Other, non-Hispanic	68,986	---	64,067	---	35,057	---	---
Ethnicity							
Hispanic - All race	56,338	70%	50,703	63.2%	20,576	47.1%	80,167
Unknown	34,751	---	27,445	---	9,742	---	---
Total	622,870	80%	577,001	73.9%	316,601	60.1%	781,248

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

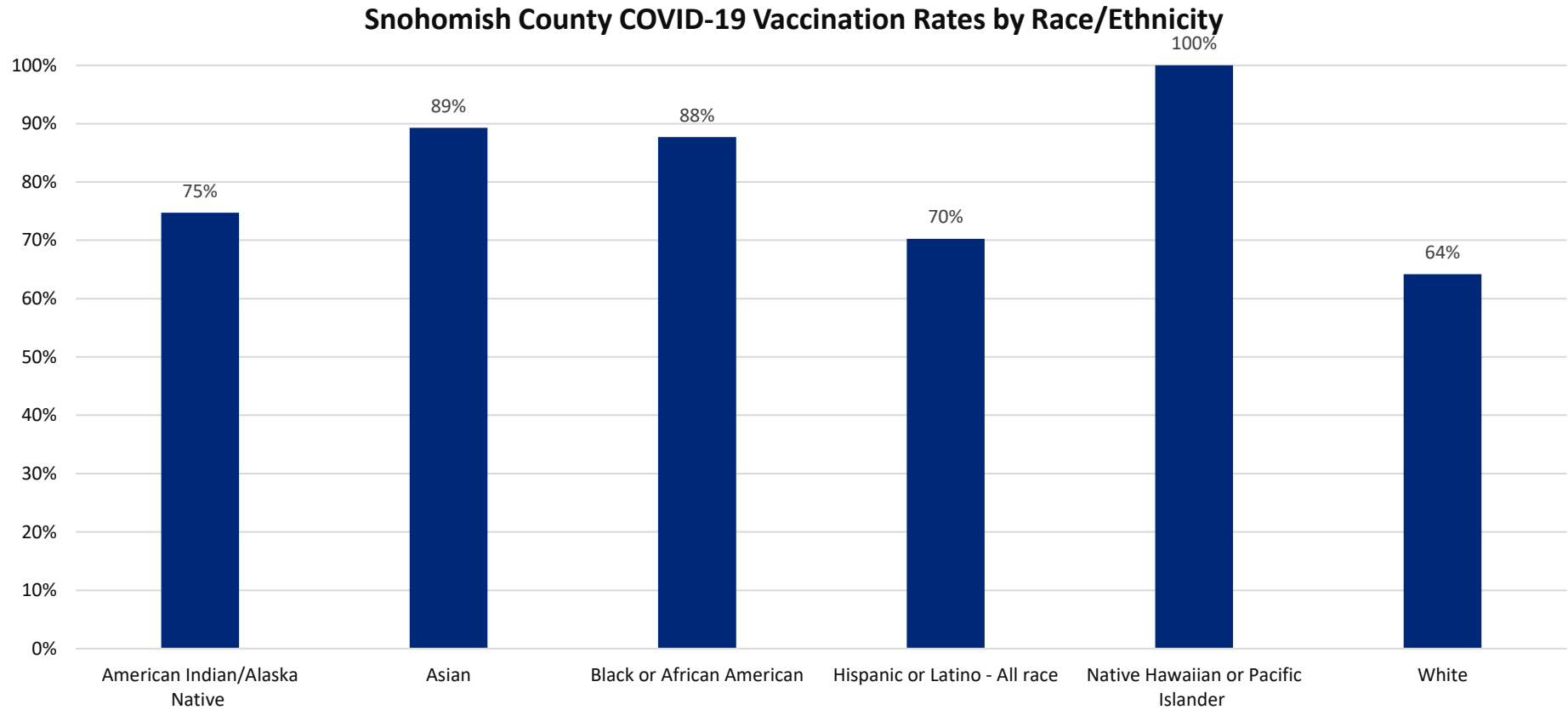


Table 21: COVID-19 vaccine initiation by race and ethnicity relative-risk compared to non-Hispanic White

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	6,469	8,654	75%	1.2	1.1	1.2
Asian	83,327	93,332	89%	1.4	1.4	1.4
Black	20,682	23,580	88%	1.4	1.3	1.4
Multiracial	697	31,429	2%	0.03	0.03	0.04
Native Hawaiian or Pacific Islander	5,259	4,404	100%	1.9	1.8	1.9
White	346,361	539,681	64%	1.0		
Other, non-Hispanic	68,986	---	---	---	---	---
Ethnicity						
Hispanic	56,338	80,167	70%	1.1	1.1	1.1
Unknown	34,751	---	---	---	---	---
Total persons initiating vaccination	6,469	8,654	75%	1.2	1.1	1.2

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	27,592	57%	48,287
Bothell	98021	30,090	92%	32,871
Bothell/Mill Creek	98012	62,828	91%	69,104
Darrington	98241	1,153	50%	2,286
Edmonds	98020	18,017	91%	19,868
Edmonds	98026	32,173	82%	39,044
Everett	98201	22,498	68%	33,161
Everett	98203	27,092	74%	36,836
Everett	98204	31,348	70%	44,566
Everett	98208	45,947	76%	60,736
Gold Bar	98251	2,795	56%	5,015
Granite Falls	98252	6,297	58%	10,908
Lake Stevens	98258	36,261	100%	34,043
Lynnwood	98036	34,480	78%	43,976
Lynnwood	98037	25,035	80%	31,199
Lynnwood	98087	32,033	80%	40,001
Marysville	98270	35,891	72%	50,114
Marysville	98271	20,834	65%	31,833
Monroe	98272	21,187	67%	31,498
Mountlake Terrace	98043	18,177	84%	21,696
Mukilteo	98275	18,985	89%	21,365
Snohomish	98290	25,670	68%	37,832
Snohomish	98296	21,031	67%	31,520
Stanwood	98292	16,522	68%	24,189
Sultan	98294	4,744	62%	7,648
Woodinville	98072	173	1%	25,007
Total	---	618,853	74%	837,800

*NOTES: 1. Data for this table is from the WAHS repository dataset 04/17/2022. 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.