

COVID-19 EPIDEMIOLOGIC OVERVIEW

Data source: Washington State Disease Reporting System (WDRS)

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

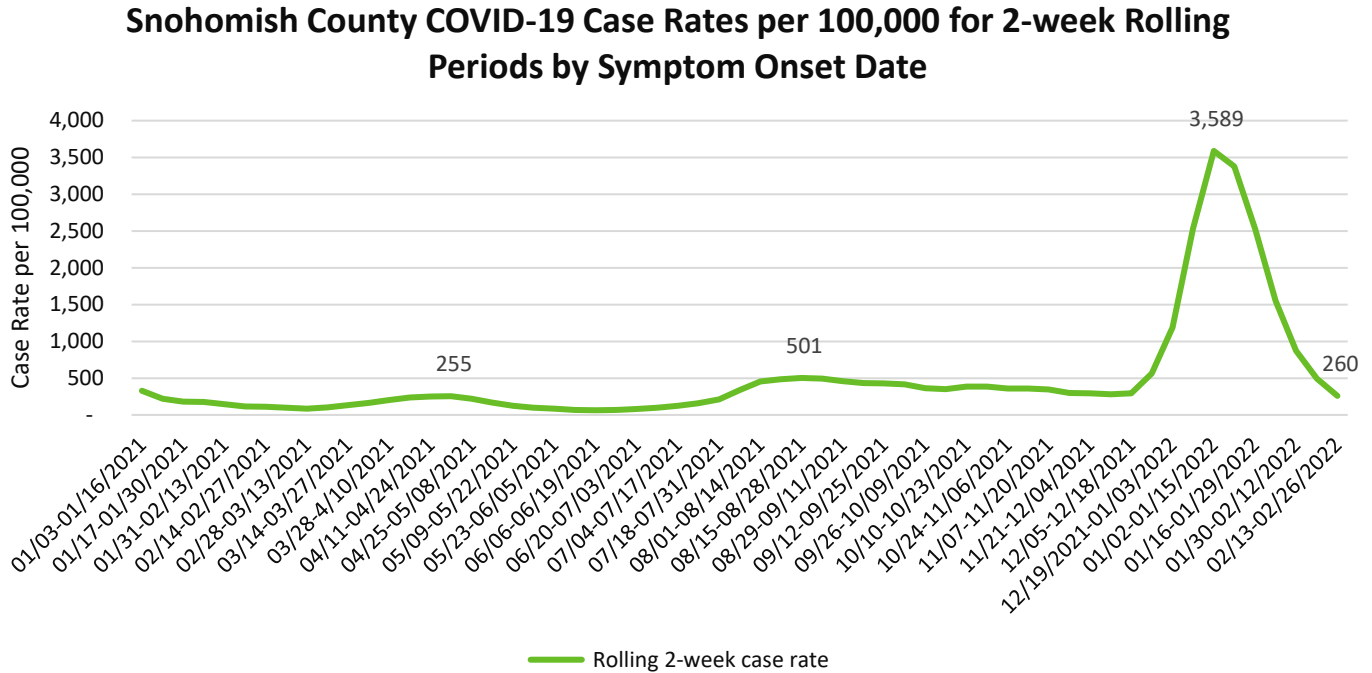


Figure 2: Number of Snohomish County COVID-19 cases by specimen collection date

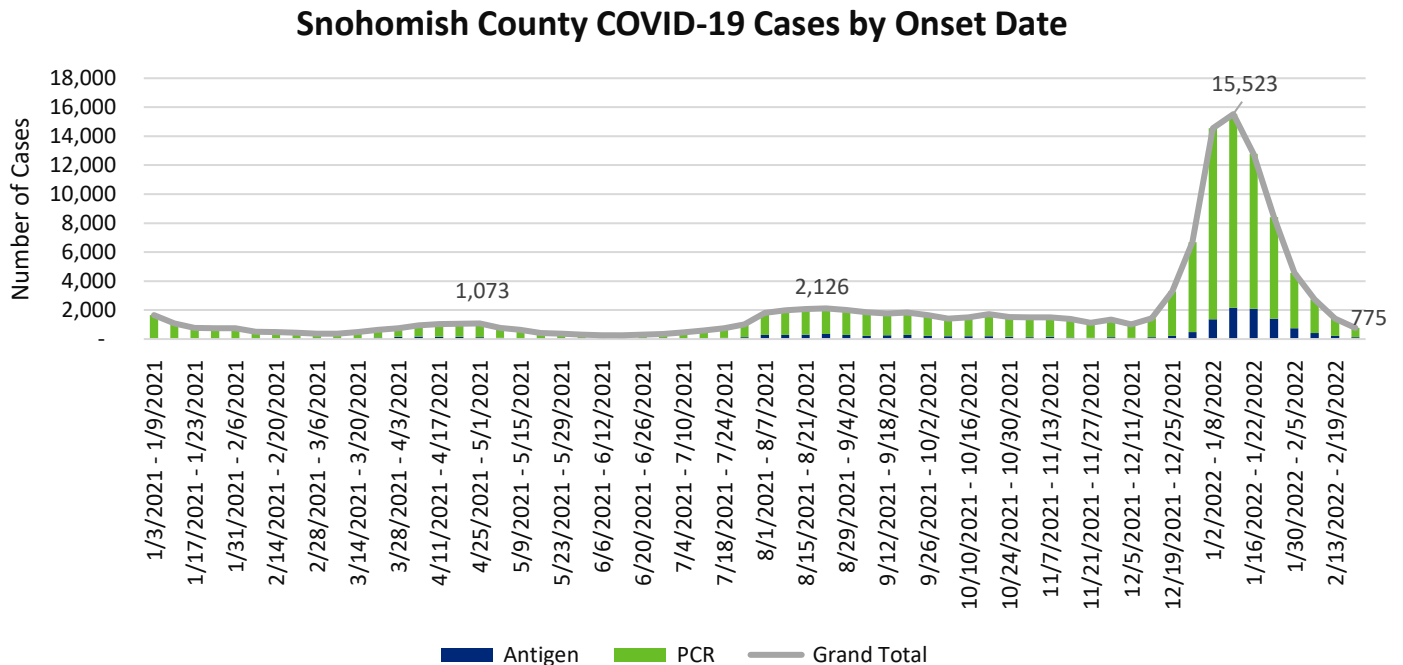
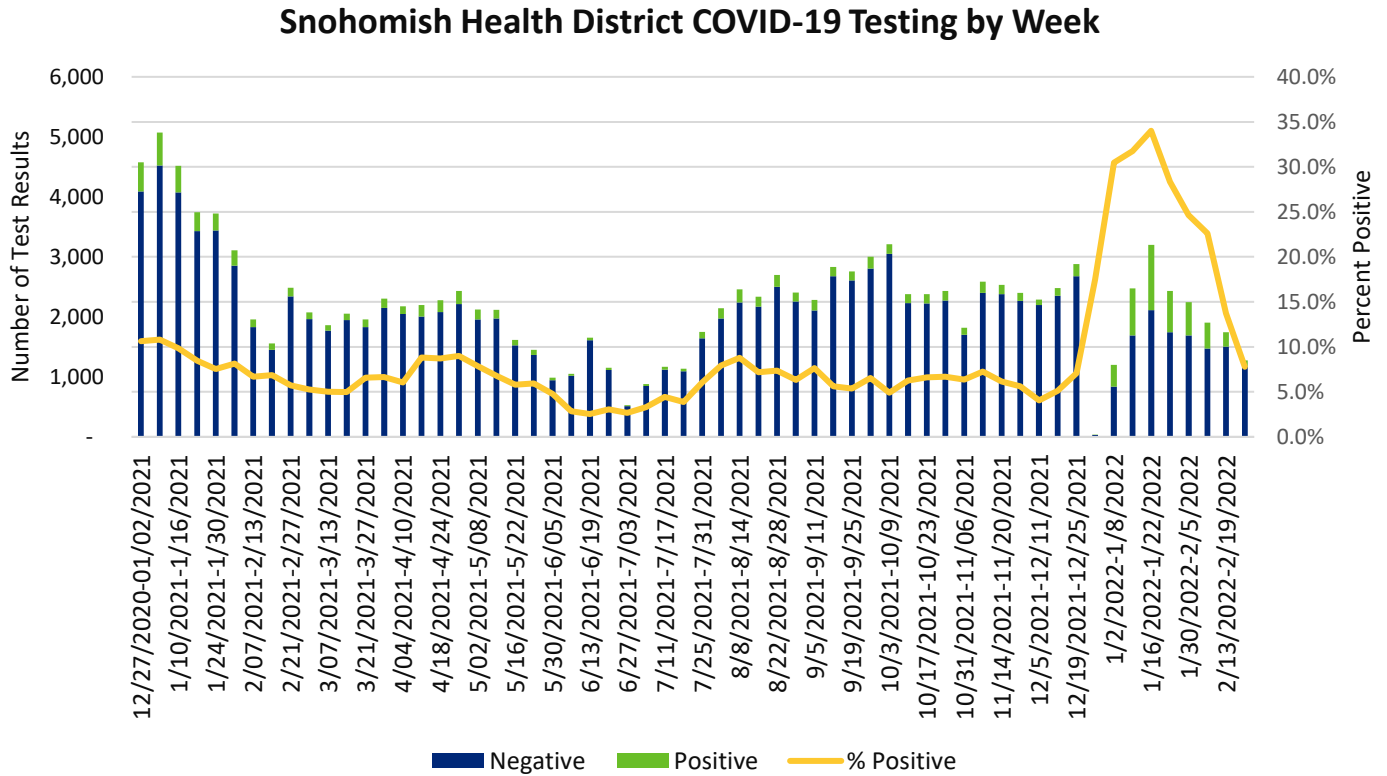


Figure 3: Snohomish Health District COVID-19 testing by week



*Note: Due to severe weather the Snohomish Health District COVID-19 test site was closed the week of 12/26/2021-1/1/2022.

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

Sex at birth	February 2022	January 2022	Cumulative 1/20/2020-2/28/2022
Female	4,225	27,232	74,226
Male	4,013	25,899	72,793
Unknown	20	203	357
Grand Total	8,258	53,334	147,376

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

Age group in years	February 2022	January 2022	Cumulative 1/20/2020-2/28/2022
0-14	2,026	12,161	26,461
15-19	494	4,088	10,827
20-29	1,010	7,957	24,564
30-39	1,525	10,112	27,969
40-49	1,111	7,631	22,013
50-59	912	5,876	17,444
60-69	681	3,490	10,617
70-79	297	1,314	4,559
80+	185	687	2,853
Unknown	17	18	69
Grand Total	8,258	53,334	147,376

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

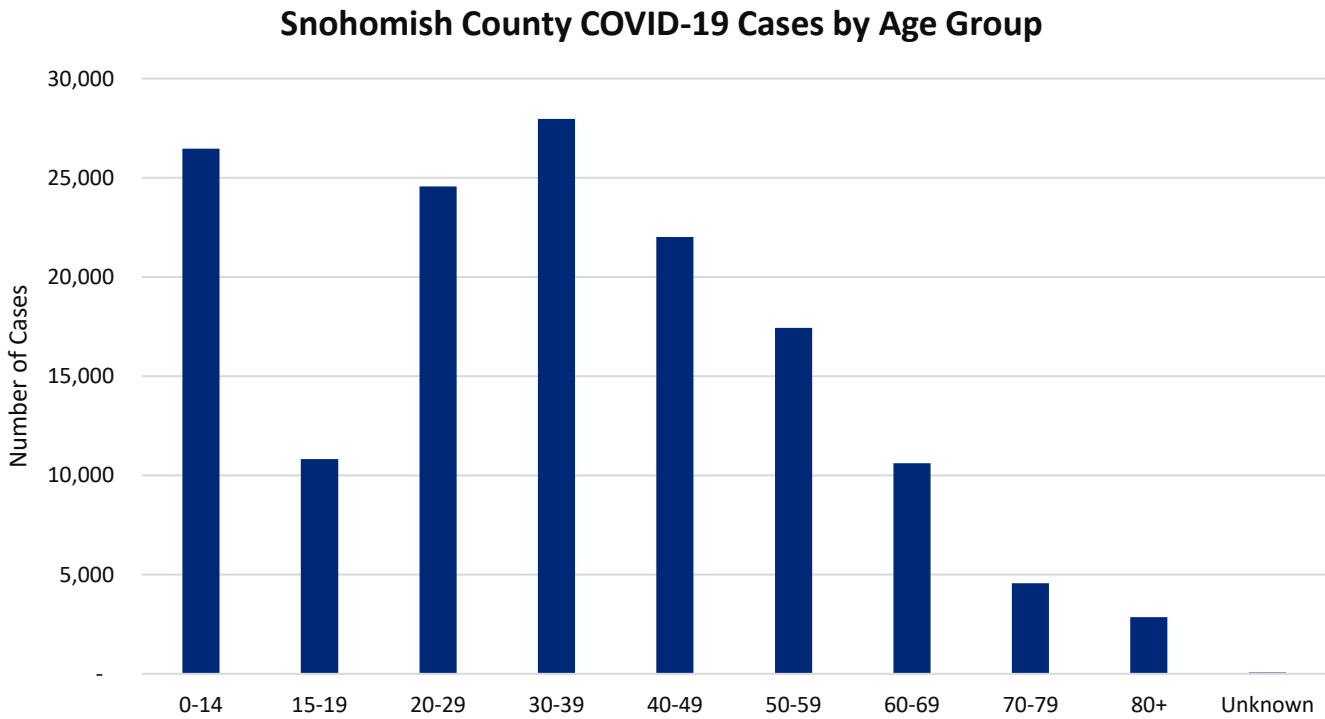


Figure 6: Snohomish County cumulative COVID-19 case rates per 100,000 by age group

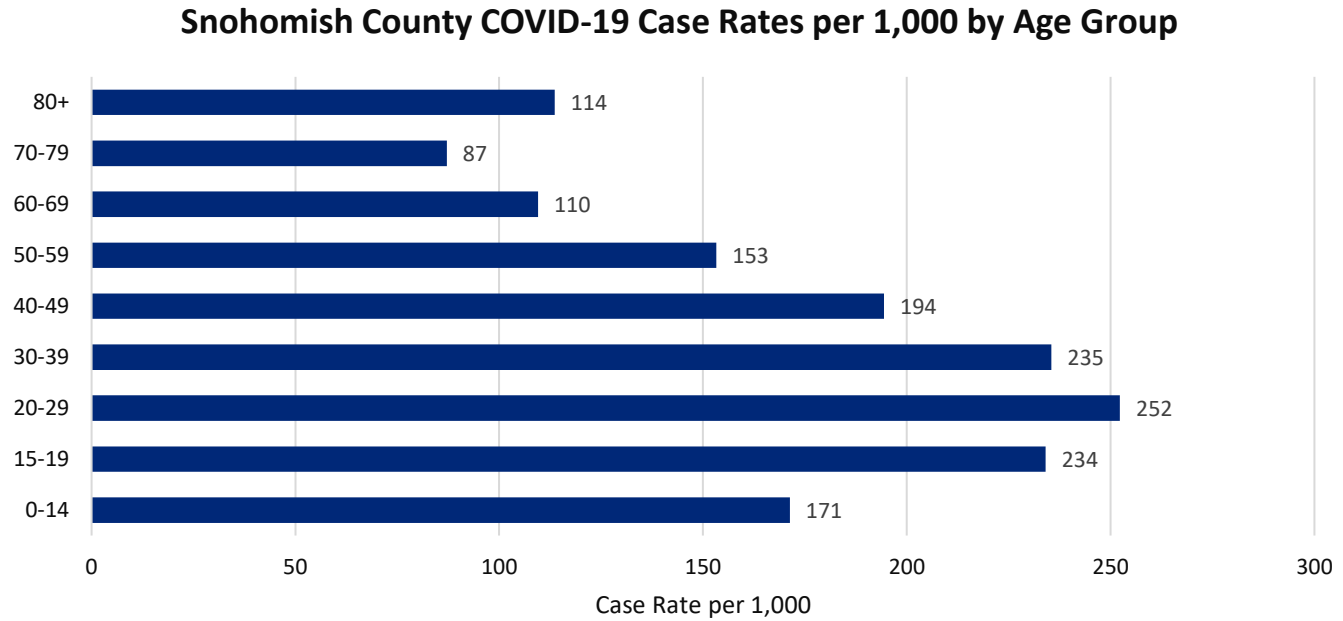


Figure 7: Number of COVID-19 cases by specimen collection date and age group

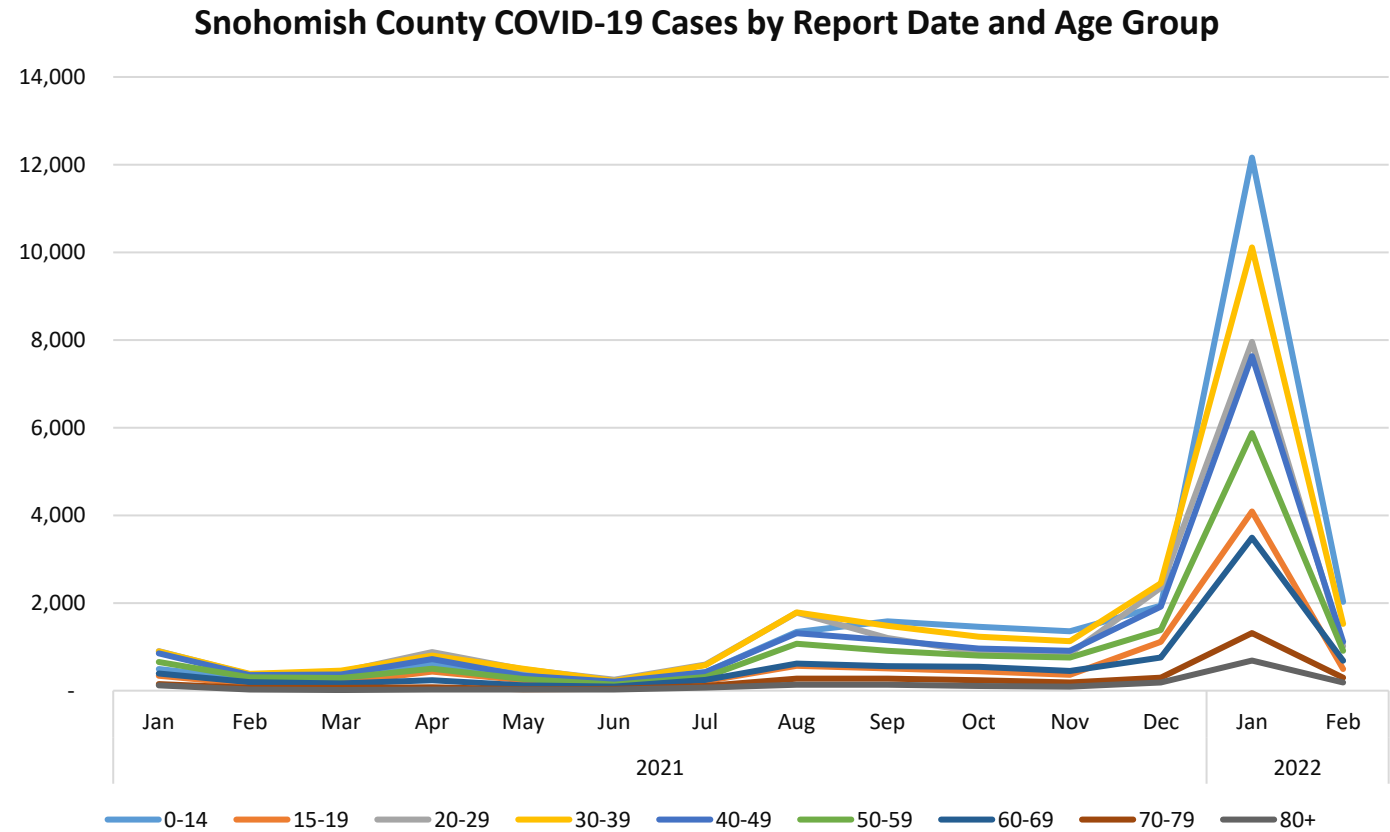


Table 3: COVID-19 cases by race and ethnicity

Race non-Hispanic	Case count	Population	Rate per 1,000	Relative Risk	95% CI Lower	CI Upper
American Indian/Alaska Native	1,419	9,195	154.3	1.2	1.1	1.3
Asian	10,882	98,685	110.3	0.9	0.8	0.9
Black or African American	5,029	25,435	197.7	1.5	1.5	1.6
Native Hawaiian or Pacific Islander	1,544	4,722	327.0	2.5	2.4	2.7
White	72,590	564,701	128.5	1.0		
Multiracial	2,452	---	---	---	---	---
Other, not Hispanic	923	---	---	---	---	---
Ethnicity						
Hispanic or Latino	15,452	90,576	170.6	1.3	1.3	1.3
Total confirmed case with race/ethnicity data	110,291	---	---	---	---	---
Total cases in data set	147,376	---	---	---	---	---
% with race or ethnicity data	74.8%	---	---	---	---	---

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

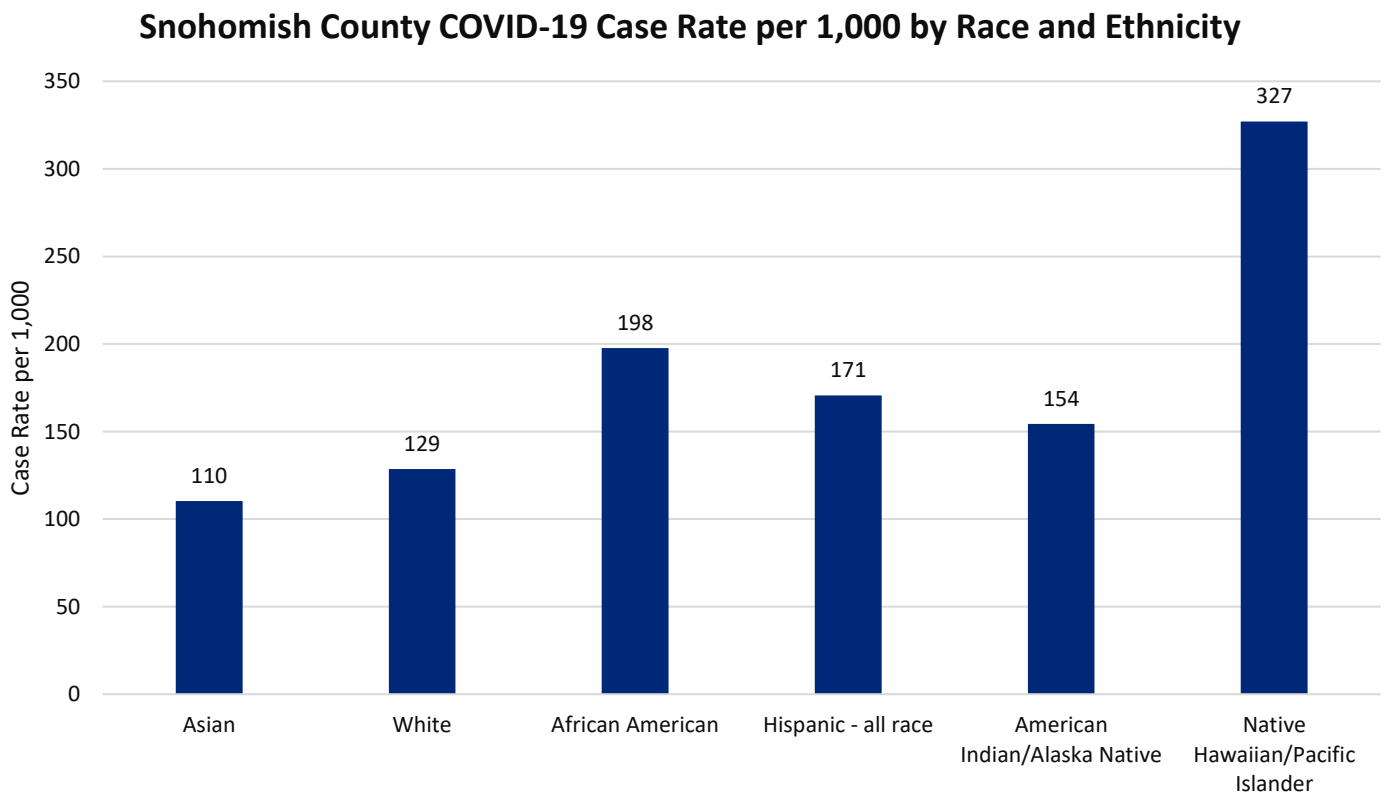


Table 4: Hospitalization of COVID-19 cases in Snohomish County

Ever hospitalized	February 2022	January 2022	Cumulative 1/20/2020-2/28/2022
No	7,946	52,374	141,701
Yes	312	960	5,675
Grand Total	8,258	53,334	147,376

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	2.1	1.7	2.5
Asian	330	98,685	3.3	0.5	0.5	0.6
Black or African American	195	25,435	7.7	1.2	1.0	1.4
Native Hawaiian or Pacific Islander	74	4,722	15.7	2.5	2.0	3.1
White	3,591	564,701	6.4	1		
Multiracial	82	---	---	---	---	---
Other, not Hispanic	50	---	---	---	---	---
Ethnicity						
Hispanic or Latino	493	90,576	5.4	0.9	0.8	0.9

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

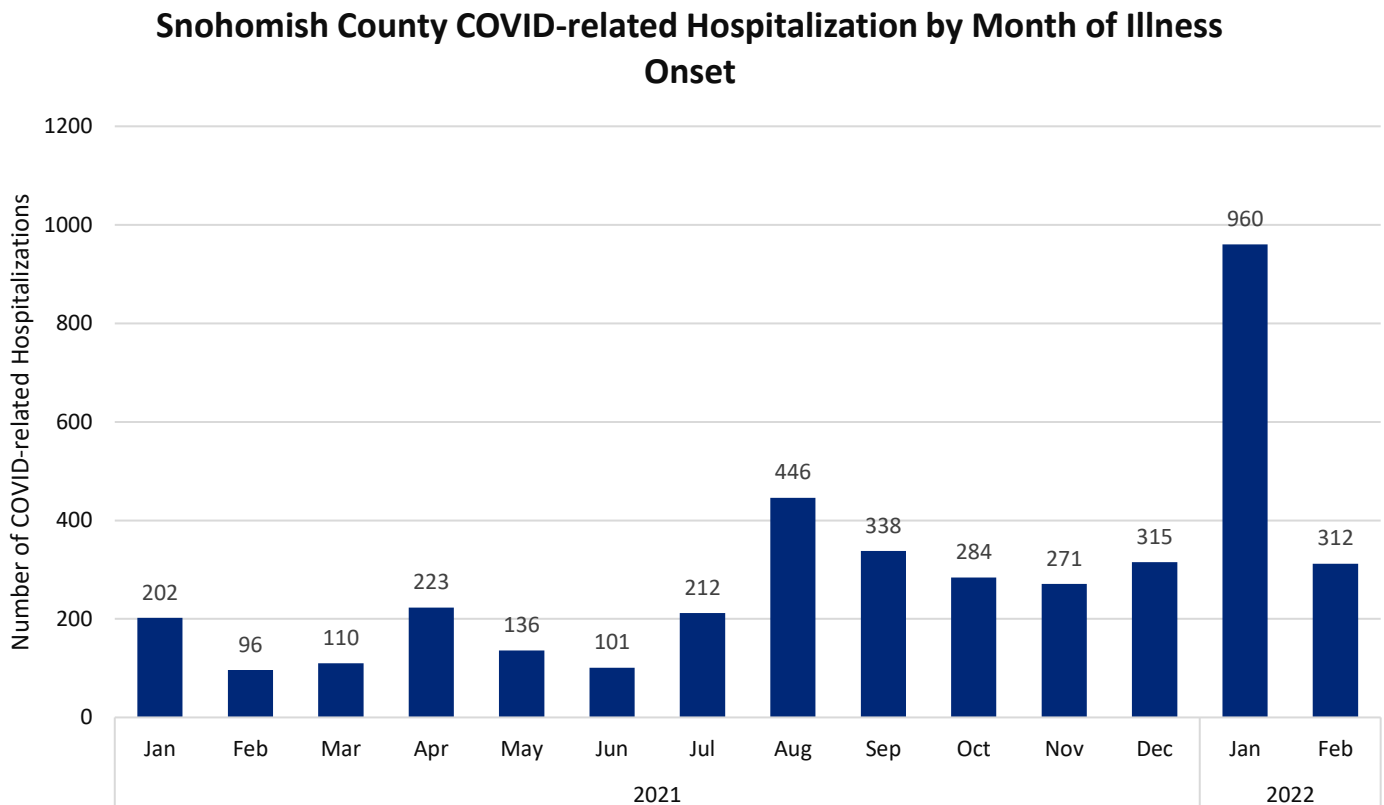


Table 6: COVID outbreaks by type

Type of outbreak	February 2022	January 2022	Cumulative 1/20/2020-2/28/2022
Adult family home	6	40	130
Agriculture	0	0	8
Bar	0	0	6
Behavioral health	0	2	11
Camp	0	0	2
Childcare	18	50	149
Community	0	0	1
Construction	1	1	99
Corrections	0	0	2
Distribution	0	2	18
Emergency services	0	14	20
Faith based services	0	0	43
Financial Institution	0	0	18
Food processing	0	4	24
Government	6	5	37
Gym	0	2	5
Healthcare provider	0	4	24
Home health	0	1	5
Hospital	0	1	8
Landscaping	0	0	13
Leisure/recreation	1	1	27
Long-term Care Facility (LTCF)	1	37	198
Manufacturing	4	13	219
Personal Care and Services	0	0	18
Real estate	0	0	17
Restaurant	2	8	126
Retail	5	30	248
School	6	94	286
Service provider	1	3	123
Shelter	1	0	7
Social Event	0	0	28
Supported Living	3	0	8
Transportation	4	0	14
Utilities	1	7	32
Warehousing	1	0	1
Youth Sports	0	0	7
Total number of outbreaks	59 (Cases 395, median 3, range 1-69)	326 (Cases 3,600, median 6, range 1-105)	1982 (Cases 17,049, 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	Date of last case	Total staff cases	Total resident cases	Total cases
Cogir Mill Creek	ALF	2/4/2022	10	3	13
GenCare at Scriber Gardens	ALF	2/22/2022	15	18	33
Josephine Suites	ALF	2/22/2022	3	9	12
Quail Park of Lynnwood	ALF	2/11/2022	36	4	40
Sunrise of Edmonds	ALF	2/17/2022	18	9	27
Terrace at Beverly Lake	ALF	2/10/2022	26	41	67
Arlington Health and Rehab	SNF	3/1/2022	25	11	36
Bethany at Pacific	SNF	3/1/2022	42	15	57
Bethany at Silver Lake	SNF	2/21/2022	44	17	61
Josephine Caring Community	SNF	3/2/2022	60	16	76
Manor Care of Lynnwood	SNF	2/13/2022	19	16	35
Sunrise View Convalescent Center	SNF	2/17/2022	39	22	61
Smokey Point Behavioral Health	OTHER	2/8/2022	0	22	22
Sunrise Services	OTHER	2/22/2022	13	11	24

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

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

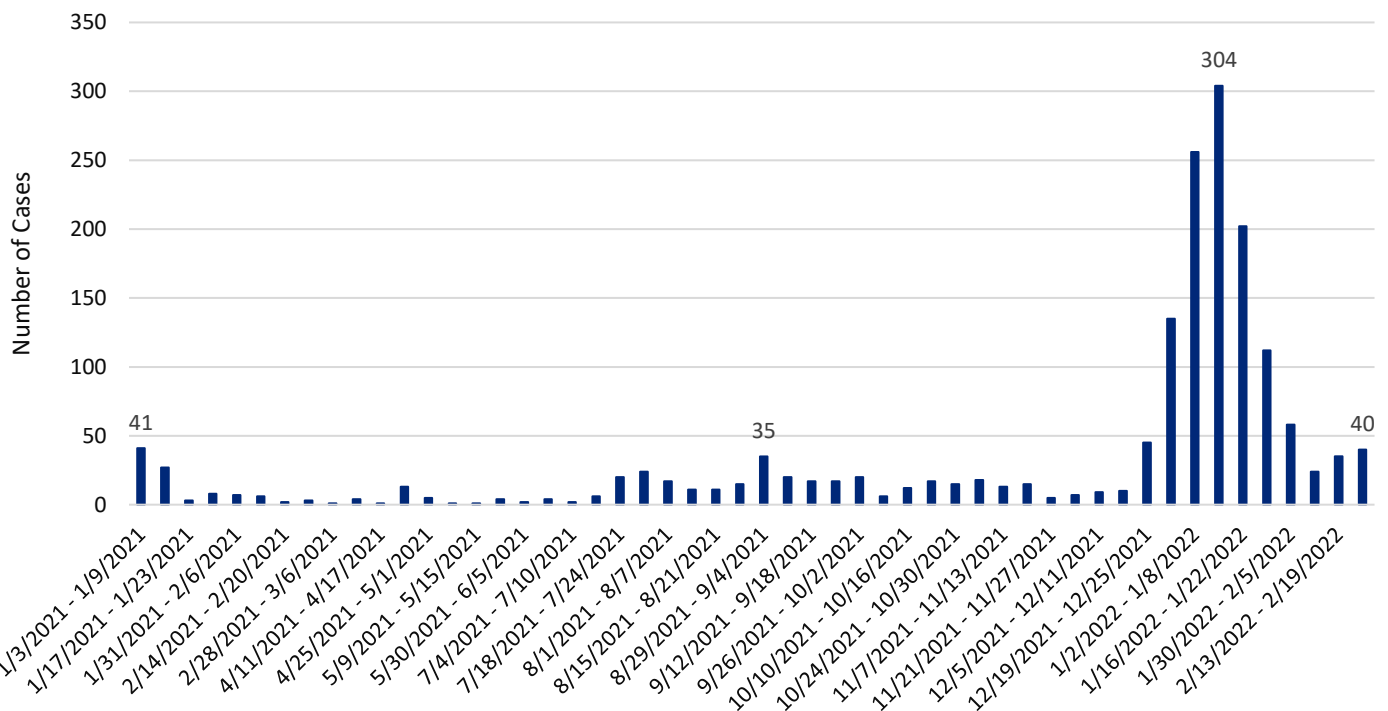


Table 8: LTCF-associated cases ever hospitalized for COVID-19 illness

Ever hospitalized	February 2022	January 2022	Cumulative 1/20/2020-2/28/2022
No	145	826	2,723
Yes	6	65	518
Unknown	4	26	82
Grand Total	155	917	3,323

COVID-19 DEATHS

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

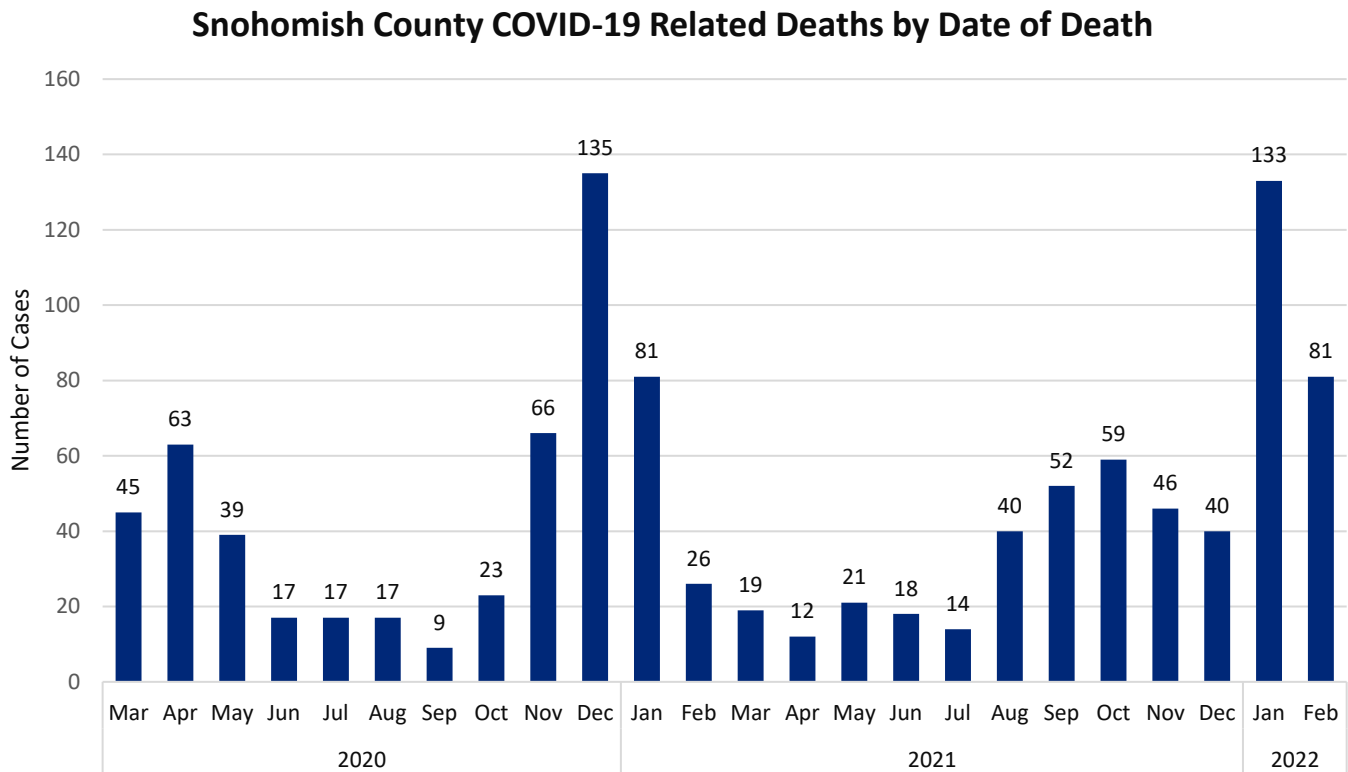


Table 9: Gender of COVID-19 related deaths in Snohomish County by case report date

Sex at birth	February 2022	January 2022	Cumulative 1/20/2020-2/28/2022
Female	31	58	482
Male	50	75	592
Grand Total	81	133	1,074

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

Age group in years	February 2022	January 2022	Cumulative 1/20/2020-2/28/2022
0-14	0	0	0
15-19	0	0	0
20-29	1	0	10
30-39	1	2	13
40-49	5	6	56
50-59	8	12	89
60-69	12	29	184
70-79	21	32	267
80+	33	52	455
Grand Total	81	133	1,074

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	13	1%	11	0.0%
40-49	56	5%	49	0.3%
50-59	89	8%	78	0.5%
60-69	184	17%	190	1.7%
70-79	267	25%	510	5.9%
80+	455	42%	1,812	15.9%
Grand Total	1,074	100%	129	0.7%

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

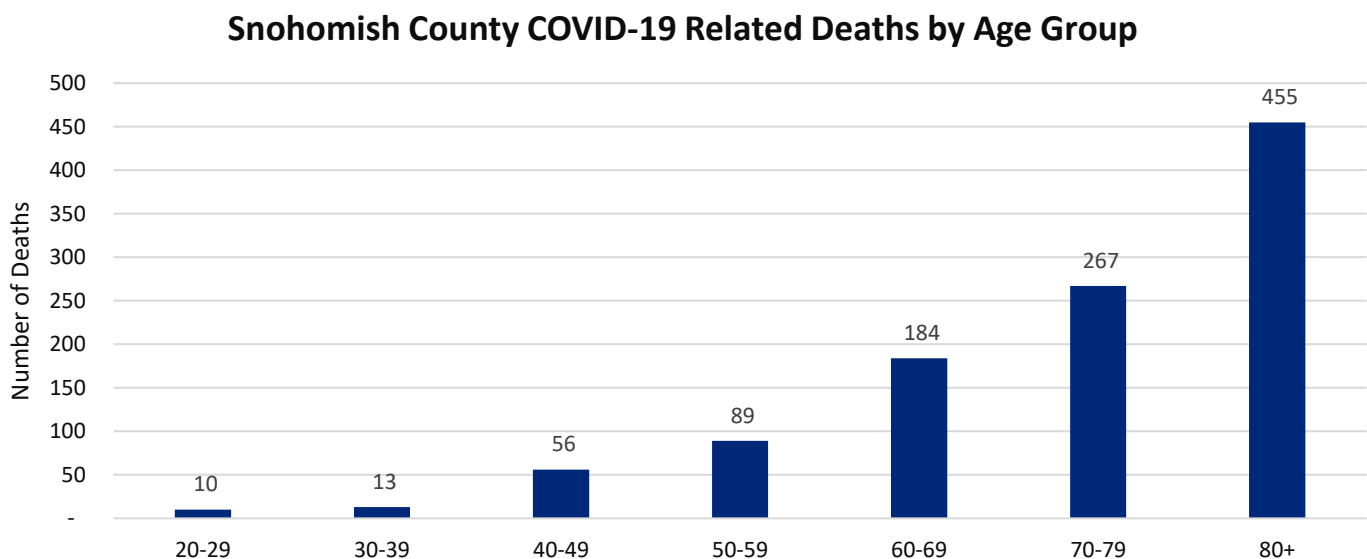


Table 11: COVID-19 related deaths by race and ethnicity

Race non-Hispanic	Case count	Population	Rate per 1,000	Relative Risk	95% CI Lower	95% CI Upper
American Indian/Alaska Native	20	9,195	2.2	1.7	1.1	2.6
Asian	67	98,685	0.7	0.5	0.4	0.7
Black African American	21	25,435	0.8	0.6	0.4	1.0
Native Hawaiian or Pacific Islander	8	4,722	1.7	1.3	0.7	2.6
White	721	564,701	1.3	1.0	---	---
Multiracial	11	---	---	---	---	---
Other, non-Hispanic	14	---	---	---	---	---
Ethnicity						
Hispanic or Latino	61	90,576	0.7	0.5	0.4	0.7
Unknown	151	---	---	---	---	---
Total*	1,074	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	1,419	121	9 (7.1,10.0)	20	1 (0.8,2.0)	16.5%
Asian	10,882	330	3 (2.7,3.4)	67	1 (0.5,0.8)	20.3%
Black or African American	5,029	195	4 (3.3,4.4)	21	<1 (0.2,0.6)	10.8%
Native Hawaiian or Pacific Islander	1,544	74	5 (3.7,5.9)	8	1 (0.2,0.9)	10.8%
White	72,590	3591	5 (4.8,5.1)	721	1 (0.9,1.1)	20.1%
Ethnicity						
Hispanic or Latino	15,452	493	3 (2.9,3.5)	61	<1 (0.3,0.5)	12.4%

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

Ever hospitalized	February 2022	January 2022	Cumulative 1/20/2020-2/28/2022
Yes	63	87	799
No	18	46	275
Grand Total	81	133	1,074

COVID-19 Epidemiological Report Snohomish County February 2022

COVID-19 VACCINE

Data in this section is through March 14, 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	571,818	73%	---
Partially vaccinated	46,956	6%	---
Total number of people initiating vaccination	618,774	79%	781,248

*As of 3/12/2022 300,977 people have received an additional dose of a COVID-19 vaccine after completing their initial vaccine series. Approximately 53% of fully vaccinated Snohomish County residents have received a booster shot and are considered up to date.

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 partially vaccinated	Percent partially vaccinated	Eligible population (≥5 years)
Female	317,773	81%	295,138	75.6%	22,635	5.8%	390,175
Male	299,740	77%	275,625	70.5%	24,115	6.2%	391,071
Unknown	1,261	---	1,055	---	206		---
Total persons initiating vaccination	618,774	79%	571,818	73.2%	46,956	6.0%	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 partially vaccinated	Percent partially vaccinated	Eligible population (≥5 years)
5 to 11	30,932	42%	26,924	36.2%	4,008	5.4%	74,297
12 to 15	26,608	63%	24,439	57.5%	2,169	5.1%	42,493
16 to 19	29,335	81%	26,931	74.4%	2,404	6.6%	36,208
20 to 34	128,347	84%	115,953	76.1%	12,394	8.1%	152,342
35 to 49	146,159	83%	136,155	77.1%	10,004	5.7%	176,569
50 to 64	138,952	82%	130,545	76.9%	8,407	5.0%	169,752
65+	118,441	91%	110,871	85.6%	7,570	5.8%	129,586
Total initiating vaccination	618,774	79%	571,818	73.2%	46,956	6.0%	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 partially vaccinated	Percent partially vaccinated	Eligible population (≥5 years)
American Indian/Alaska Native	6,404	74%	5,858	67.7%	546	6.3%	8,654
Asian	82,350	88%	76,663	82.1%	5,687	6.1%	93,332
Black	20,411	87%	18,447	78.2%	1,964	8.3%	23,580
Multiracial	711	2%	647	2.1%	64	0.2%	31,429
Native Hawaiian or Pacific Islander	5,231	100%	4,749	100.0%	482	10.9%	4,404
White	343,008	64%	323,133	59.9%	19,875	3.7%	539,681
Other, non-Hispanic	70,076	---	64,919	---	5,157	---	---
Hispanic - All race	55,489	69%	49,648	61.9%	5,841	7.3%	80,167
Unknown	35,094	---	27,754	---	7,340	---	---

Total	618,774	79%	571,818	73.2%	46,956	6.0%	781,248
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Figure 16: COVID-19 vaccine initiation rates by race and ethnicity

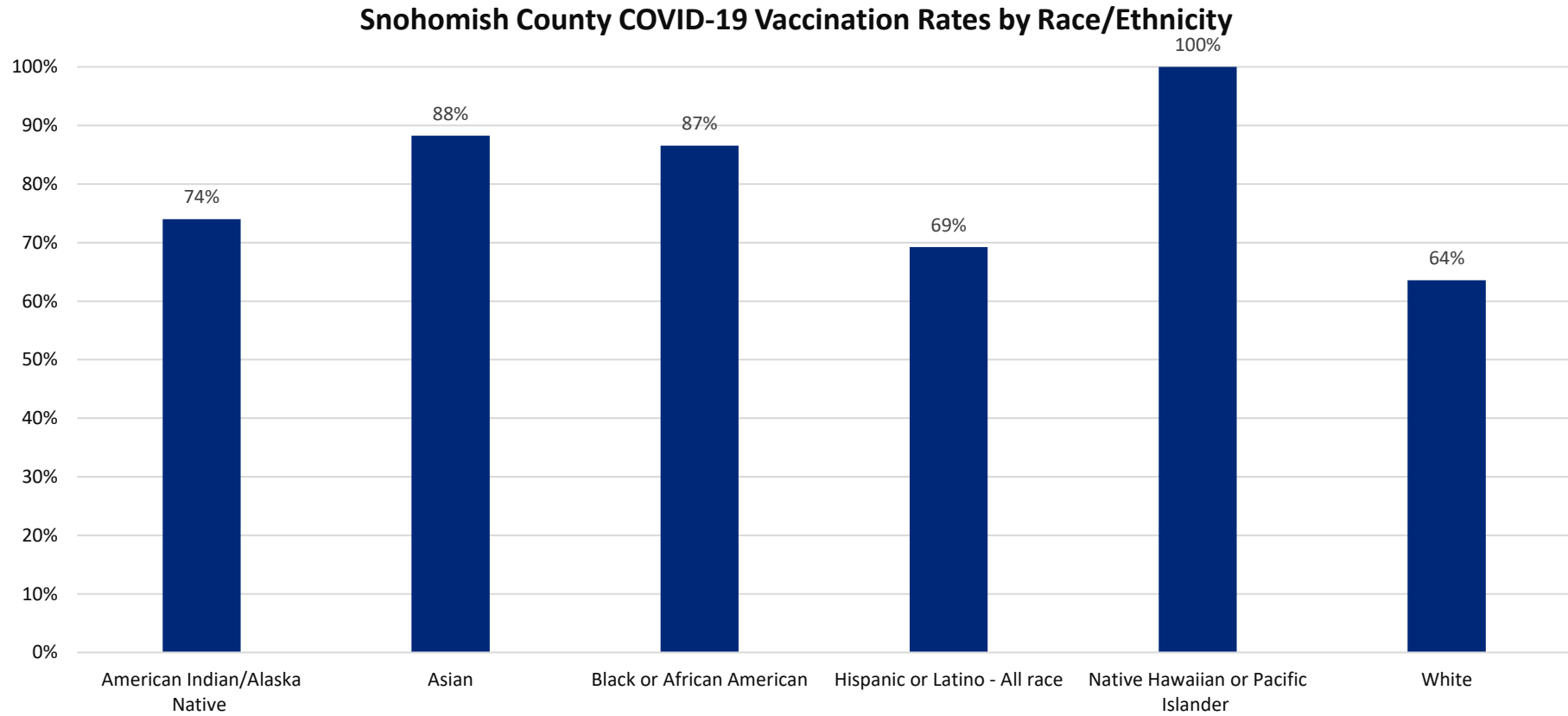


Table 21: COVID-19 vaccine initiation by race and ethnicity relative-risk compared to non-Hispanic White

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	6,404	8,654	74%	1.2	1.1	1.2
Asian	82,350	93,332	88%	1.4	1.4	1.4
Black	20,411	23,580	87%	1.4	1.3	1.4
Multiracial	711	31,429	2%	0.04	0.03	0.04
Native Hawaiian or Pacific Islander	5,231	4,404	100%	1.9	1.8	1.9
White	343,008	539,681	64%	1.0		
Other, non-Hispanic	70,076	---	---	---	---	---
Hispanic	55,489	80,167	69%	1.1	1.1	1.1
Unknown	35,094	---	---	---	---	---
Total persons initiating vaccination	618,774	781,248	79%	---	---	---

Table 22: COVID-19 vaccine recipients by city of residency, Snohomish County, December 15, 2020 – March 14, 2022

City	Zip	People initiating vaccination	Percent of residents initiating vaccination	Total population
Arlington	98223	27,453	57%	48,287
Bothell	98021	29,948	91%	32,871
Bothell/Mill Creek	98012	62,519	90%	69,104
Darrington	98241	1,143	50%	2,286
Edmonds	98020	17,914	90%	19,868
Edmonds	98026	32,047	82%	39,044
Everett	98201	22,318	67%	33,161
Everett	98203	26,922	73%	36,836
Everett	98204	31,101	70%	44,566
Everett	98208	45,487	75%	60,736
Gold Bar	98251	2,770	55%	5,015
Granite Falls	98252	6,270	57%	10,908
Lake Stevens	98258	36,024	100%	34,043
Lynnwood	98036	34,253	78%	43,976
Lynnwood	98037	24,916	80%	31,199
Lynnwood	98087	31,774	79%	40,001
Marysville	98270	35,700	71%	50,114
Marysville	98271	20,749	65%	31,833
Monroe	98272	20,900	66%	31,498
Mountlake Terrace	98043	18,056	83%	21,696
Mukilteo	98275	18,898	88%	21,365
Snohomish	98290	25,559	68%	37,832
Snohomish	98296	20,983	67%	31,520
Stanwood	98292	16,441	68%	24,189
Sultan	98294	4,698	61%	7,648
Woodinville	98072	175	1%	25,007
Total	---	615,018	73%	837,800

*NOTES: 1. Data for this table is from the WAIS repository dataset 03-14/2022. 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.