

COVID-19 morbidity and mortality by race, ethnicity and spoken language in Washington state

Washington State Department of Health

September 20, 2022



Washington State Department of
Health

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NOTE: Beginning the week of December 23, 2020, probable cases are included in the metrics calculated for morbidity and mortality associated with race, ethnicity, and spoken language. Probable cases are individuals with a positive antigen test for COVID-19. Also, as of December 16, 2020, probable cases are included in all case, hospitalization, and death counts on the Washington State Department of Health COVID-19 dashboard. Probable cases since June 2020, when the first antigen results were reported in Washington, are now included in the dashboard. This places the report on “COVID-19 Morbidity and Mortality by Race, Ethnicity and Spoken Language in Washington State” in alignment with the Washington State Department of Health COVID-19 Data Dashboard.

Overview

The impacts of COVID-19 morbidity and mortality have not been felt equally by all populations in Washington state. The pandemic has exacerbated the underlying and persistent inequities among historically marginalized communities and those disproportionately impacted due to structural racism and other forms of systemic oppression. This report provides an overview of confirmed or probable COVID-19 case, hospitalization, and death rates by race and ethnicity at state and regional levels. It also provides counts and percentages of confirmed or probable cases and hospitalizations by primary language spoken. Throughout this report, the COVID-19 case definition includes both molecular testing and antigen testing. Molecular positive cases are considered confirmed cases and antigen positive cases are considered probable cases. All hospitalization, death, and testing data reported here are based on positive molecular or antigen test results.

All rates presented in this report are adjusted for age using the Washington state population distribution based on the Office of Financial Management’s (OFM) April 1, 2020 population estimates by age, sex, race, and Hispanic origin. The rate calculations are for the population groups available from OFM for the Washington state population and follow Department of Health guidelines. Hispanic ethnicity was assigned first, regardless of race, and then racial groups were identified for those identifying as non-Hispanic. Based on this, the current report includes the following groups:

- Hispanic; and

- non-Hispanic race categorizations for white, Black, Native Hawaiian and Pacific Islander, Asian, and American Indian/Alaska Native, and multiracial, which includes individuals who reported two or more races.

While this allows assessment of data by race and ethnicity groups, this categorization is incomplete and does not reflect the diversity of people and experiences across the state. Additionally, there is a significant lack of race and ethnicity reporting for confirmed or probable COVID-19 cases and hospitalizations (about 28% missing). Primary language spoken is missing for about 78% of cases and hospitalizations. Age information is missing for a small percentage of confirmed or probable cases (about 0.1%), and these cases are not included in age-adjusted rates. The lack of data limits our ability to draw firm conclusions; however, there are some concerning patterns reported below.

Cumulative age-adjusted confirmed or probable COVID-19 case, hospitalization, and death rates by race and ethnicity per 100,000 population

The table and figures below describe the counts and age-adjusted rates per 100,000 population in Washington by race and ethnicity for confirmed or probable cases, hospitalizations, and deaths for the entire time period from the start of the pandemic through 2022-09-19 based on the specimen collection date. 95% confidence intervals are included in the charts.

The data show that communities of color are disproportionately impacted by COVID-19 in significant ways, including the following.

COVID-19 confirmed or probable case rates

- Native Hawaiian and Pacific Islander (NHPI) and AIAN populations have the highest age-adjusted confirmed or probable case rates while Asian and multiracial populations have the lowest case rates.
- Confirmed or probable case rates for NHPI and AIAN populations are approximately three times higher than case rates for Asian and multiracial populations.
- Confirmed or probable case rates for Black populations are approximately two times higher than case rates among Asian and multiracial populations.

COVID-19 hospitalization rates among confirmed or probable cases

- Hospitalization rates among confirmed or probable COVID-19 cases are the highest for NHPI populations and lowest for multiracial populations.
- NHPI hospitalization rates among confirmed or probable COVID-19 cases are approximately six times higher than white populations.
- Hispanic hospitalization rates among confirmed or probable COVID-19 cases are approximately two times higher than white populations.
- Hospitalization rates among confirmed or probable COVID-19 cases for Black and American Indian and Alaska Native (AIAN) populations are approximately two times higher compared to white populations.

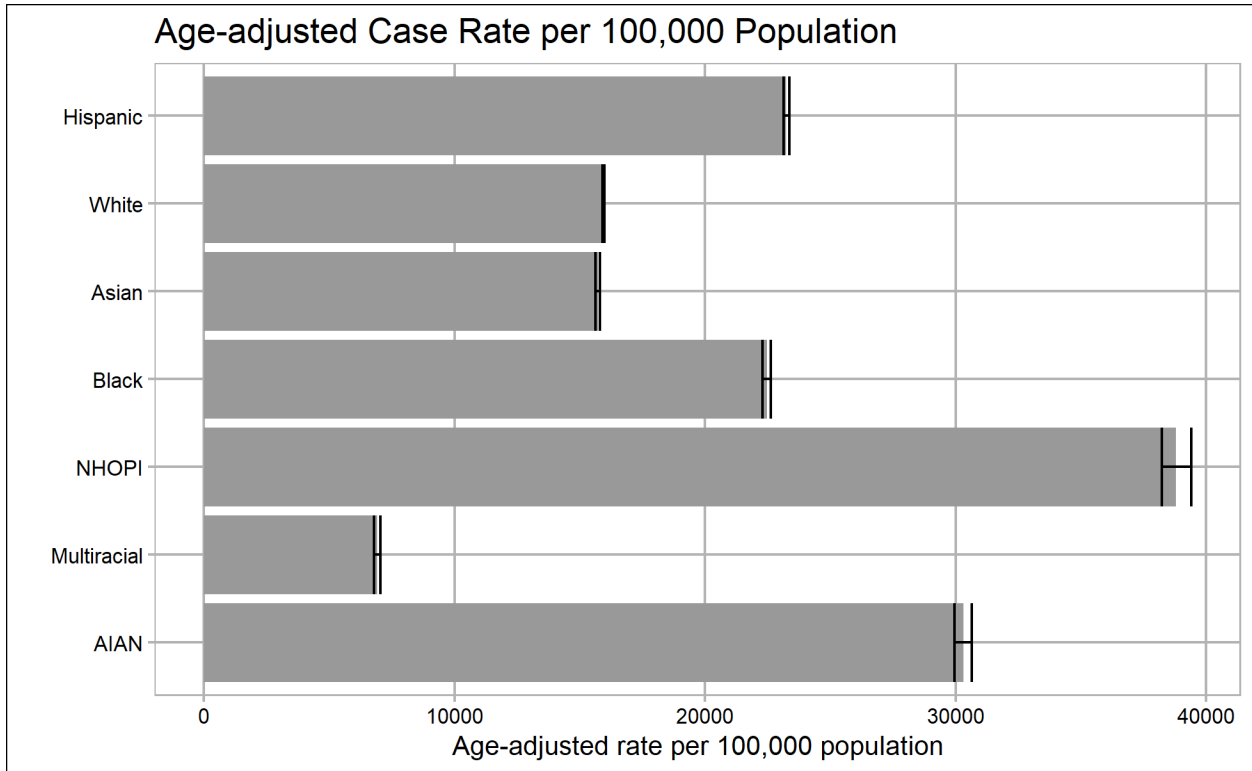
COVID-19 death rates among confirmed or probable cases

- Asian populations have the lowest death rates among confirmed or probable COVID-19 cases of all race/ethnicity groups.
- NHPI populations have death rates among confirmed or probable COVID-19 cases that are approximately five times higher than white and Asian populations.
- AIAN and Hispanic populations have death rates among confirmed or probable COVID-19 cases that are approximately three times higher than Asian populations.
- Black populations have death rates among confirmed or probable COVID-19 cases that are about twice as high as white populations.

Table 1. Confirmed or probable COVID-19 case, hospitalization, and death count and age-adjusted rates by race/ethnicity 2020-01-18 to 2022-09-19

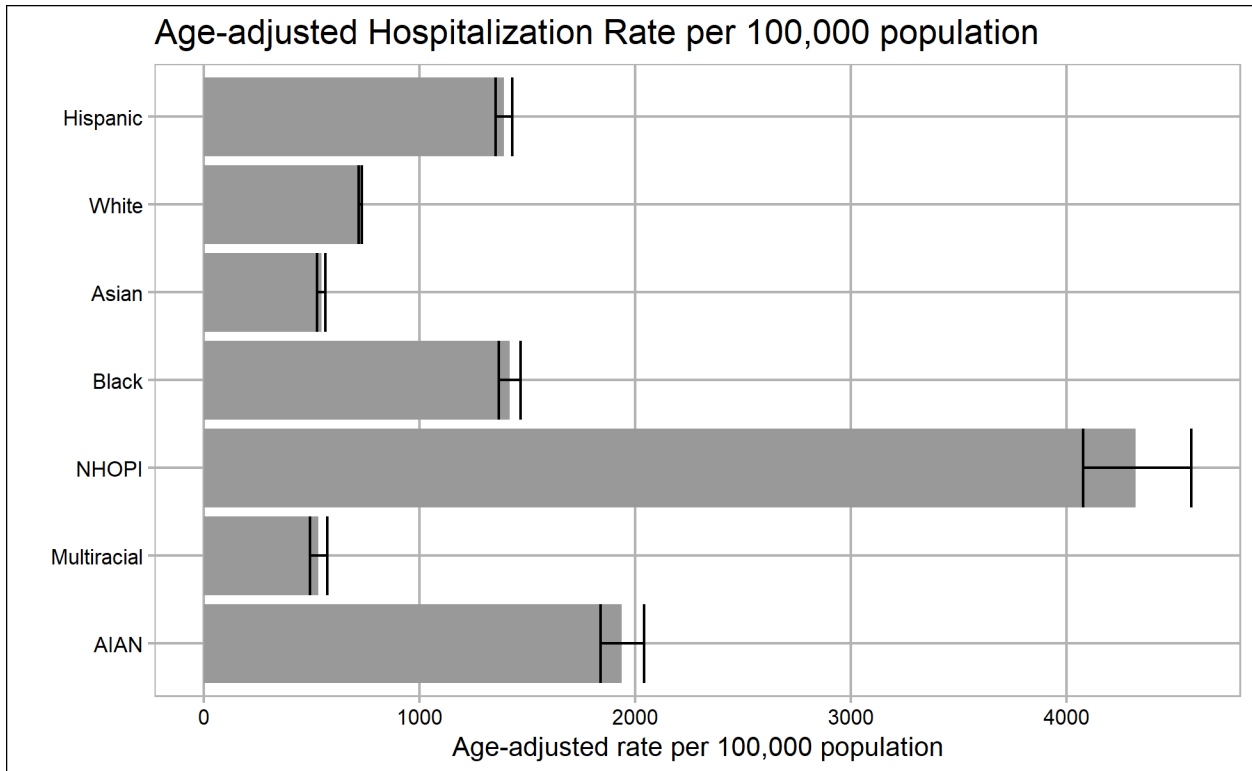
Race/Ethnicity	Case Count	Age-Adjusted Case Rate per 100,000	Hospitalization Count	Age-Adjusted Hospitalization Rate per 100,000	Death Count	Age-Adjusted Death Rate per 100,000
All Races	1,803,349	23554.1	72,314	944.5	14,215	185.7
Unknown	509,042		10,517		37	
Hispanic	231,318	23240.8	7,627	1390.9	1,284	374.7
White	793,528	15950.3	42,975	725.2	10,696	166.3
Asian	117,335	15722.1	3,217	543.7	781	155.8
Black	70,604	22460.9	3,388	1417.3	485	267.5
NHPI	21,693	38805.7	1,598	4320.9	221	826.1
Multiracial	20,299	6911.5	790	530.0	209	178.3
AIAN	29,195	30300.4	1,583	1936.7	307	444.3
Other	10,335		619		195	

The following graph indicates the age-adjusted confirmed or probable COVID-19 case rate per 100,000 population by race/ethnicity during the time period 2020-01-18 to 2022-09-19



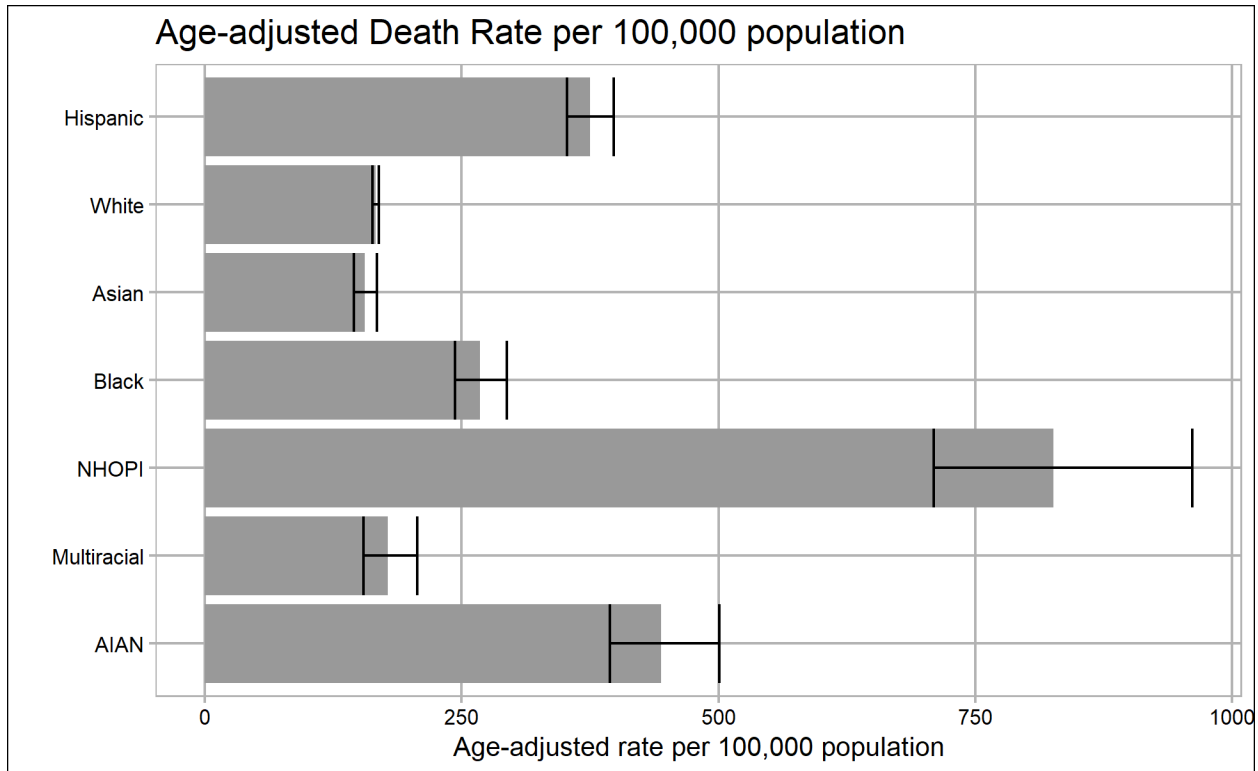
Source: Washington Disease Reporting System (WDRS)

The following graph indicates the age-adjusted hospitalization rate among confirmed or probable COVID-19 cases per 100,000 population by race/ethnicity during the time period 2020-01-18 to 2022-09-19



Source: Washington Disease Reporting System (WDRS)

The following graph indicates the age-adjusted death rate among confirmed or probable COVID-19 cases per 100,000 population by race/ethnicity during the time period 2020-01-18 to 2022-09-19



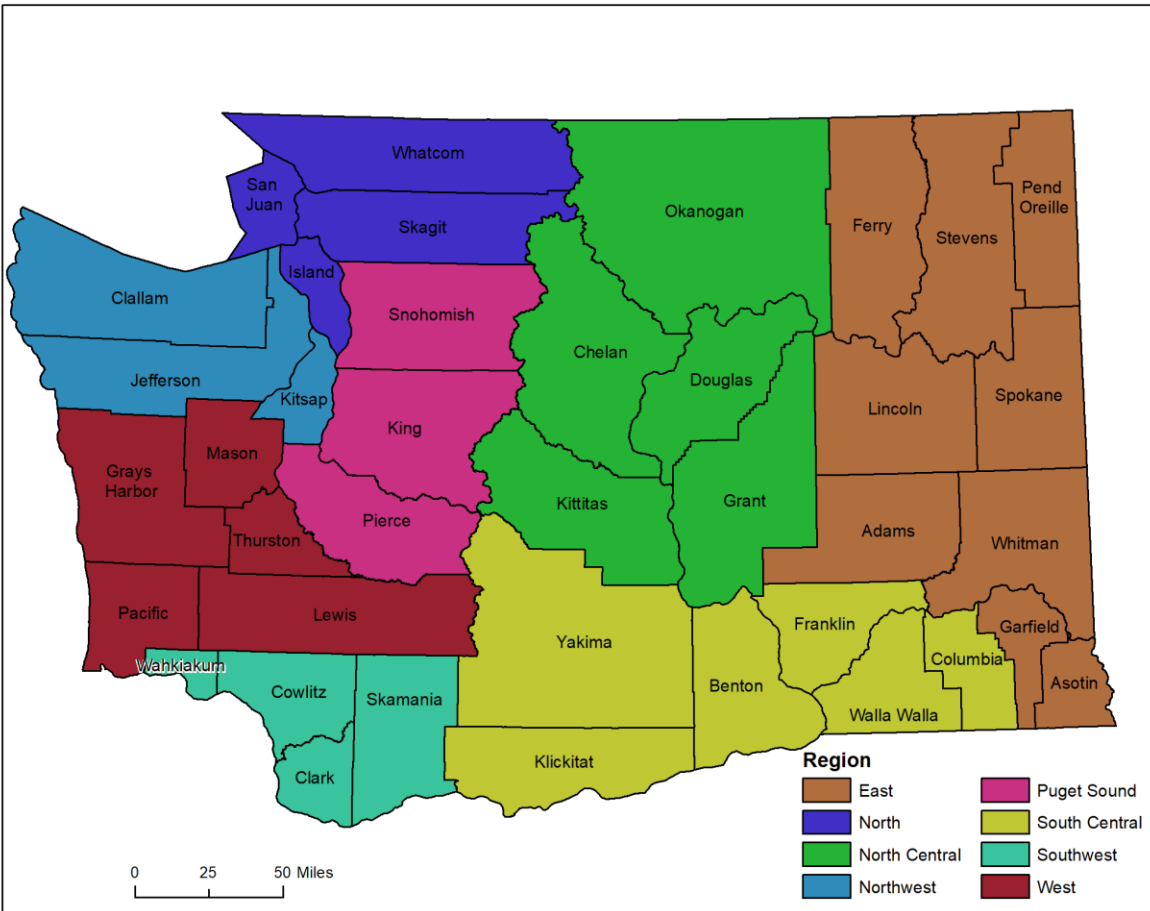
Source: Electronic Death Registration System (EDRS) and Washington Health and Life Events System (WHALES)

Analysis of confirmed or probable COVID-19 cases, hospitalizations, and deaths by geographic region

Regional groupings of Washington state counties

Some counties may not have sufficient case counts to analyze trends by race and ethnicity. In order to incorporate data from counties of all sizes, counties were assigned into one of 8 analytic regions (see Map of Washington Counties and Analysis Regions below). The regions presented were developed by the Washington State Department of Health in order to better understand geographic differences in disease spread and how disease spread may be changing over time. While infection rates may not be the same within any given region, this regional grouping allows for more specific geographic analyses without excluding any counties or communities due to concerns about smaller numbers.

Map of Washington counties by DOH analysis regions



Missing race/ethnicity data by region

The North and Southwest regions have the highest percentage of missing race/ethnicity data among confirmed or probable COVID-19 cases and the North Central region has the lowest percentage of missing data on race/ethnicity, as indicated in the following table. The total number of confirmed or probable cases, and the number and percentage of confirmed or probable cases with missing data are shown in Table 2.

Table 2. Counts and percentage of confirmed or probable COVID-19 cases with unknown race/ethnicity by DOH analytic region 2020-01-18 to 2022-09-19.

Region	Case Count	Cases with Unknown Race/Ethnicity	% Cases with Unknown Race/Ethnicity
East	180,655	47,565	26%
North	87,231	35,040	40%

Region	Case Count	Cases with Unknown Race/Ethnicity	% Cases with Unknown Race/Ethnicity
North Central	85,397	19,046	22%
Northwest	67,521	23,966	35%
Puget Sound	931,899	241,998	26%
South Central	198,256	57,251	29%
Southwest	133,409	51,464	39%
West	116,822	31,178	27%
Unknown	3,317	2,245	68%

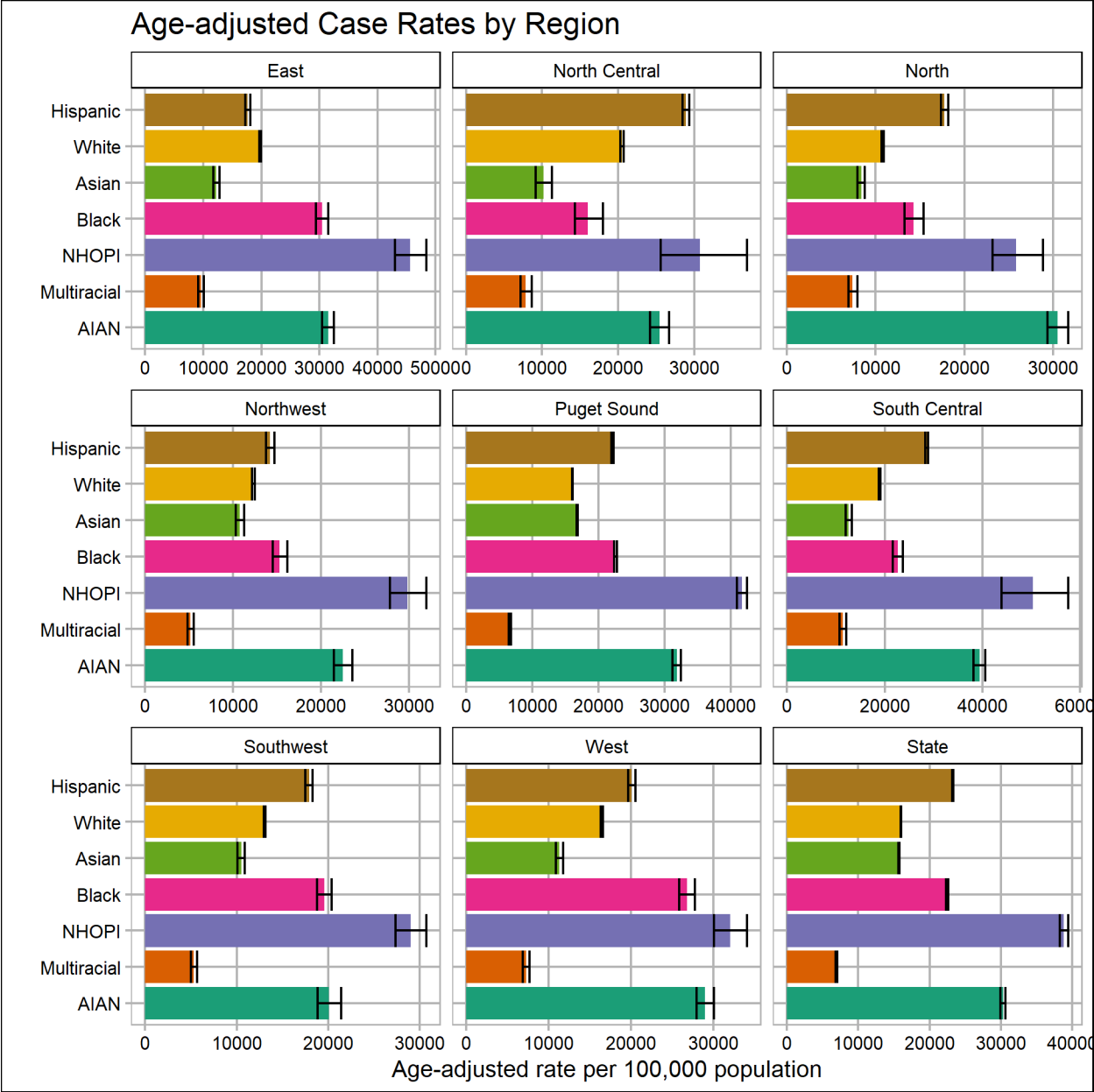
*Source: Washington Disease Reporting System (WDRS)
Includes data from 2020-01-18 to 2022-09-19*

Cumulative age-adjusted confirmed or probable COVID-19 case rates by race, ethnicity, and analytic region

The following figures describe the age-adjusted confirmed or probable COVID-19 case rates per 100,000 population by race/ethnicity and region. They were calculated using the confirmed or probable cases with known race/ethnicity (about 72% of all reported cases).

It is important to note that the numeric scale differs across regions, so use caution when comparing two or more regions, as their scales may differ. The last figure (lower right corner) presents the age-adjusted confirmed or probable COVID-19 case rates for the whole state.

These data indicate that COVID-19 is found in significant numbers across racial and ethnic groups throughout the state, and it is not confined to certain areas, such as rural, urban, or suburban regions. Population centers in Puget Sound contribute substantially to the counts. However less populated regions, like South Central Washington, show larger rate differences by race/ethnicity, although they have smaller populations of racial and ethnic minorities. Further, while extreme disparities exist, people of all races and ethnicities are impacted.

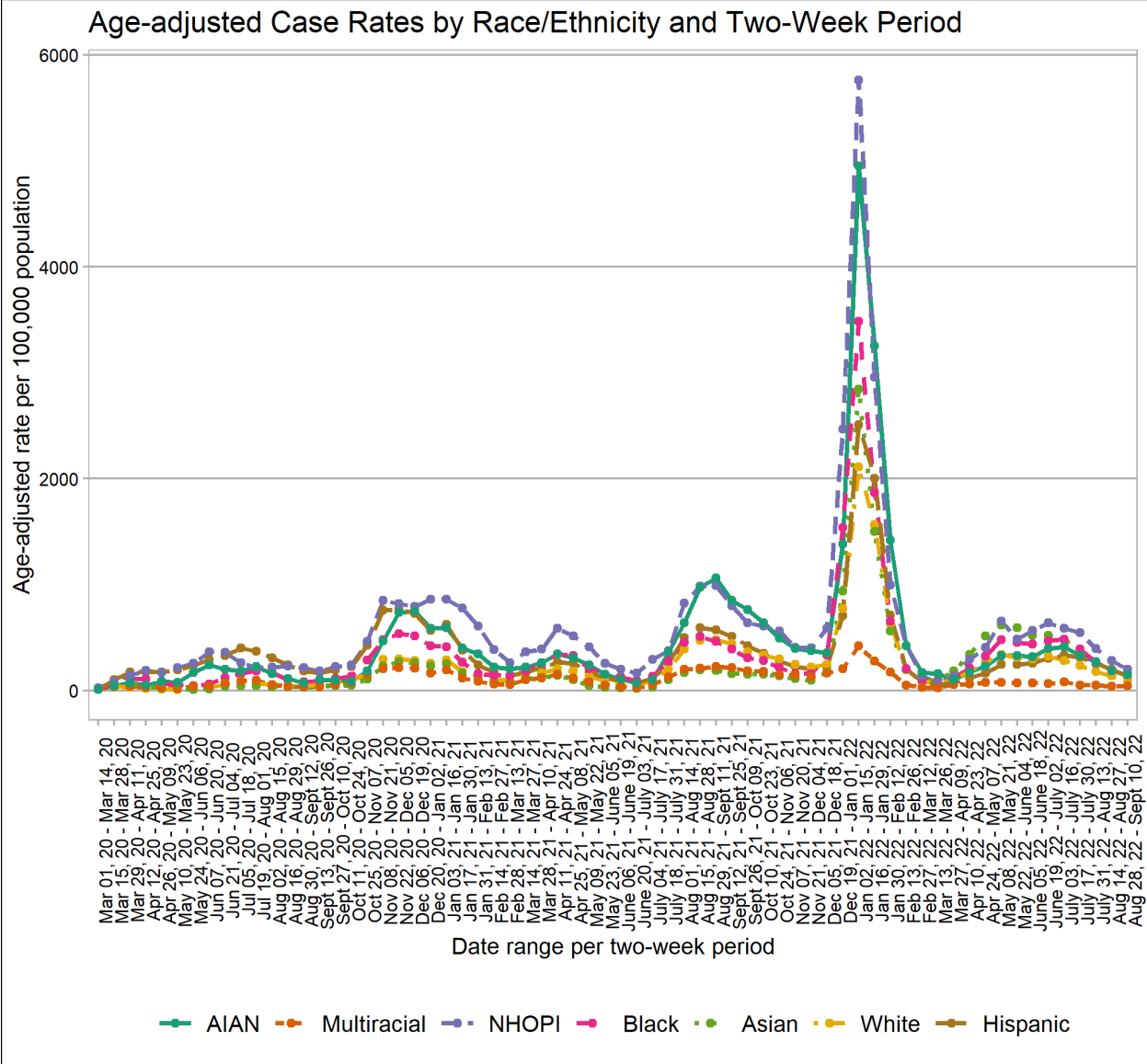


Source: Washington Disease Reporting System (WDRS)

Includes data from 2020-01-18 to 2022-09-19

Age-adjusted confirmed or probable COVID-19 case rates by race and ethnicity per two-week period (Mar 2020-September* 2022)

*September 2022 data include all confirmed or probable cases with a specimen collection date through 2022-09-10 to include the most recent, complete two-week period of data collection.



Confirmed or probable COVID-19 case rates, adjusted for age by race and ethnicity, were calculated to better understand how race- and ethnicity-specific patterns may be changing over time by two-week period. Race/ethnicity-specific counts and age-adjusted rates increased for all race/ethnicity groups through July and early August 2020. All groups declined from early August to mid/late-August and flattened through September 2020. All race/ethnicity-age-adjusted rates began to rapidly increase in mid-October through the end of November. Rates of confirmed or probable cases remain highest for Hispanic and NHPI population, and higher Black and AIAN populations in comparison to white, Asian, and multiracial populations.

Table 3. Age-adjusted confirmed or probable COVID-19 case rates by race and ethnicity per two-week period (Mar 1, 2020 - September 10, 2022)

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
Hispanic	Mar 01, 20-Mar 14, 20	107	15.1	12.1	18.8
	Mar 15, 20-Mar 28, 20	704	103.3	94.7	112.7
	Mar 29, 20-Apr 11, 20	1,215	175.7	164.3	187.9
	Apr 12, 20-Apr 25, 20	1,372	176.8	166.0	188.3
	Apr 26, 20-May 09, 20	1,475	177.6	167.1	188.8
	May 10, 20-May 23, 20	1,711	195.6	184.9	206.8
	May 24, 20-Jun 06, 20	2,003	236.9	224.7	249.8
	Jun 07, 20-Jun 20, 20	2,498	293.5	279.9	307.7
	Jun 21, 20-Jul 04, 20	2,924	329.1	314.9	344.0
	Jul 05, 20-Jul 18, 20	3,783	403.0	388.0	418.5
	Jul 19, 20-Aug 01, 20	3,472	373.0	358.4	388.2
	Aug 02, 20-Aug 15, 20	2,829	308.6	295.2	322.6
	Aug 16, 20-Aug 29, 20	2,228	240.6	228.9	252.9
Aug 30, 20-Sept 12, 20	1,743	186.6	176.4	197.5	
Sept 13, 20-Sept 26, 20	1,547	170.1	160.2	180.7	

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Sept 27, 20- Oct 10, 20	1,840	194.2	183.9	205.1
	Oct 11, 20- Oct 24, 20	2,160	226.5	215.5	238.1
	Oct 25, 20- Nov 07, 20	4,135	427.7	412.4	443.5
	Nov 08, 20- Nov 21, 20	7,120	755.9	735.3	777.0
	Nov 22, 20- Dec 05, 20	7,307	766.5	745.8	787.8
	Dec 06, 20- Dec 19, 20	6,864	728.2	708.0	749.0
	Dec 20, 20- Jan 02, 21	5,286	566.5	548.6	585.1
	Jan 03, 21- Jan 16, 21	6,040	625.7	607.1	644.8
	Jan 17, 21- Jan 30, 21	3,527	381.0	366.0	396.6
	Jan 31, 21- Feb 13, 21	2,324	241.9	230.4	254.0
	Feb 14, 21- Feb 27, 21	1,681	172.4	162.8	182.6
	Feb 28, 21- Mar 13, 21	1,439	142.7	134.2	151.7
	Mar 14, 21- Mar 27, 21	1,764	168.7	159.8	178.2
	Mar 28, 21- Apr 10, 21	2,292	214.3	204.3	224.8
	Apr 11, 21- Apr 24, 21	2,868	267.1	256.0	278.7
	Apr 25, 21- May 08, 21	2,772	255.8	245.0	267.2

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	May 09, 21- May 22, 21	2,008	181.8	172.8	191.3
	May 23, 21- June 05, 21	1,275	118.7	111.2	126.7
	June 06, 21- June 19, 21	943	92.8	86.0	100.2
	June 20, 21- July 03, 21	752	74.2	68.1	81.0
	July 04, 21- July 17, 21	1,174	120.8	112.6	129.6
	July 18, 21- July 31, 21	2,677	255.8	244.6	267.4
	Aug 01, 21- Aug 14, 21	5,244	497.9	482.2	514.0
	Aug 15, 21- Aug 28, 21	6,124	595.5	578.0	613.6
	Aug 29, 21- Sept 11, 21	6,014	575.1	557.8	592.8
	Sept 12, 21- Sept 25, 21	5,489	511.5	495.5	528.0
	Sept 26, 21- Oct 09, 21	4,454	421.6	406.8	436.8
	Oct 10, 21- Oct 23, 21	3,603	349.2	335.7	363.2
	Oct 24, 21- Nov 06, 21	2,936	276.7	264.8	289.0
	Nov 07, 21- Nov 20, 21	2,394	228.2	217.4	239.5
	Nov 21, 21- Dec 04, 21	2,168	204.1	194.0	214.7
	Dec 05, 21- Dec 18, 21	2,418	220.4	210.2	231.2

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Dec 19, 21-Jan 01, 22	7,414	704.6	686.1	723.7
	Jan 02, 22-Jan 15, 22	27,861	2,506.8	2,472.6	2,541.4
	Jan 16, 22-Jan 29, 22	22,046	2,003.6	1,972.3	2,035.3
	Jan 30, 22-Feb 12, 22	7,585	714.3	694.8	734.2
	Feb 13, 22-Feb 26, 22	1,975	199.4	188.7	210.7
	Feb 27, 22-Mar 12, 22	801	87.3	79.9	95.4
	Mar 13, 22-Mar 26, 22	461	48.7	43.5	54.6
	Mar 27, 22-Apr 09, 22	724	76.3	69.8	83.4
	Apr 10, 22-Apr 23, 22	1,109	117.2	109.1	126.0
	Apr 24, 22-May 07, 22	1,603	162.3	153.0	172.1
	May 08, 22-May 21, 22	2,358	247.8	235.8	260.4
	May 22, 22-June 04, 22	2,330	248.9	236.9	261.5
	June 05, 22-June 18, 22	2,411	259.2	246.7	272.3
	June 19, 22-July 02, 22	2,697	305.9	292.0	320.3
	July 03, 22-July 16, 22	2,751	336.4	321.1	352.5
	July 17, 22-July 30, 22	2,697	313.8	299.4	328.8

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
White	July 31, 22-Aug 13, 22	2,277	259.1	246.2	272.7
	Aug 14, 22-Aug 27, 22	1,637	200.2	188.4	212.7
	Aug 28, 22-Sept 10, 22	1,246	135.8	126.6	145.7
	Mar 01, 20-Mar 14, 20	641	10.9	10.1	11.8
	Mar 15, 20-Mar 28, 20	2,389	42.3	40.6	44.1
	Mar 29, 20-Apr 11, 20	1,801	32.0	30.5	33.5
	Apr 12, 20-Apr 25, 20	1,041	18.3	17.2	19.4
	Apr 26, 20-May 09, 20	878	15.5	14.5	16.6
	May 10, 20-May 23, 20	599	10.8	10.0	11.7
	May 24, 20-Jun 06, 20	770	14.6	13.6	15.7
	Jun 07, 20-Jun 20, 20	1,334	25.7	24.4	27.2
	Jun 21, 20-Jul 04, 20	2,915	59.0	56.9	61.2
	Jul 05, 20-Jul 18, 20	3,505	69.5	67.2	71.9
	Jul 19, 20-Aug 01, 20	3,503	68.2	66.0	70.6
	Aug 02, 20-Aug 15, 20	2,813	55.2	53.2	57.3
Aug 16, 20-Aug 29, 20	2,225	44.2	42.4	46.1	

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Aug 30, 20-Sept 12, 20	2,247	44.7	42.8	46.6
	Sept 13, 20-Sept 26, 20	2,786	54.8	52.7	56.9
	Sept 27, 20-Oct 10, 20	3,948	78.3	75.8	80.8
	Oct 11, 20-Oct 24, 20	4,924	96.6	93.9	99.4
	Oct 25, 20-Nov 07, 20	8,095	159.6	156.1	163.1
	Nov 08, 20-Nov 21, 20	14,893	293.9	289.1	298.7
	Nov 22, 20-Dec 05, 20	15,145	296.6	291.8	301.4
	Dec 06, 20-Dec 19, 20	14,589	284.7	280.0	289.4
	Dec 20, 20-Jan 02, 21	13,308	260.0	255.6	264.6
	Jan 03, 21-Jan 16, 21	14,605	289.0	284.3	293.8
	Jan 17, 21-Jan 30, 21	9,220	182.5	178.8	186.3
	Jan 31, 21-Feb 13, 21	6,775	134.6	131.4	137.9
	Feb 14, 21-Feb 27, 21	5,211	104.2	101.4	107.1
	Feb 28, 21-Mar 13, 21	4,834	97.6	94.9	100.5
	Mar 14, 21-Mar 27, 21	6,351	129.4	126.3	132.7
	Mar 28, 21-Apr 10, 21	8,044	165.0	161.4	168.7

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Apr 11, 21- Apr 24, 21	10,003	205.2	201.2	209.3
	Apr 25, 21- May 08, 21	9,043	186.3	182.5	190.2
	May 09, 21- May 22, 21	6,512	133.3	130.1	136.6
	May 23, 21- June 05, 21	4,450	91.0	88.3	93.7
	June 06, 21- June 19, 21	3,102	62.4	60.2	64.7
	June 20, 21- July 03, 21	2,726	54.6	52.5	56.7
	July 04, 21- July 17, 21	4,460	90.5	87.9	93.2
	July 18, 21- July 31, 21	10,028	202.4	198.4	206.4
	Aug 01, 21- Aug 14, 21	19,348	391.5	386.0	397.1
	Aug 15, 21- Aug 28, 21	23,661	475.1	469.0	481.2
	Aug 29, 21- Sept 11, 21	23,849	481.0	474.9	487.3
	Sept 12, 21- Sept 25, 21	21,650	441.7	435.8	447.7
	Sept 26, 21- Oct 09, 21	17,886	364.6	359.3	370.1
	Oct 10, 21- Oct 23, 21	16,700	336.7	331.6	341.9
	Oct 24, 21- Nov 06, 21	14,814	298.6	293.7	303.5
	Nov 07, 21- Nov 20, 21	12,178	248.0	243.6	252.5

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Nov 21, 21- Dec 04, 21	10,943	223.1	218.9	227.4
	Dec 05, 21- Dec 18, 21	11,922	246.8	242.4	251.3
	Dec 19, 21- Jan 01, 22	37,669	774.6	766.7	782.5
	Jan 02, 22- Jan 15, 22	101,585	2,108.4	2,095.3	2,121.6
	Jan 16, 22- Jan 29, 22	75,611	1,564.7	1,553.5	1,576.1
	Jan 30, 22- Feb 12, 22	31,184	635.5	628.4	642.7
	Feb 13, 22- Feb 26, 22	9,949	198.2	194.3	202.2
	Feb 27, 22- Mar 12, 22	4,367	85.9	83.3	88.5
	Mar 13, 22- Mar 26, 22	3,497	69.2	66.9	71.6
	Mar 27, 22- Apr 09, 22	5,469	108.9	106.0	111.9
	Apr 10, 22- Apr 23, 22	9,087	179.2	175.5	182.9
	Apr 24, 22- May 07, 22	13,564	268.3	263.7	272.9
	May 08, 22- May 21, 22	17,418	342.6	337.5	347.8
	May 22, 22- June 04, 22	16,160	316.2	311.3	321.2
	June 05, 22- June 18, 22	15,434	300.6	295.8	305.4
	June 19, 22- July 02, 22	16,803	322.3	317.4	327.3

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	July 03, 22- July 16, 22	14,868	282.1	277.5	286.7
	July 17, 22- July 30, 22	12,471	236.7	232.5	240.9
	July 31, 22- Aug 13, 22	9,441	178.7	175.1	182.4
	Aug 14, 22- Aug 27, 22	7,446	140.0	136.8	143.3
	Aug 28, 22- Sept 10, 22	5,518	104.0	101.2	106.8
	Mar 01, 20- Mar 14, 20	122	18.9	15.7	22.8
	Mar 15, 20- Mar 28, 20	306	43.9	39.1	49.3
	Mar 29, 20- Apr 11, 20	376	54.5	49.1	60.4
	Apr 12, 20- Apr 25, 20	269	39.5	34.9	44.7
	Apr 26, 20- May 09, 20	154	21.9	18.6	25.8
Asian	May 10, 20- May 23, 20	122	17.4	14.4	20.9
	May 24, 20- Jun 06, 20	85	11.7	9.4	14.5
	Jun 07, 20- Jun 20, 20	116	16.1	13.4	19.5
	Jun 21, 20- Jul 04, 20	294	39.8	35.4	44.7
	Jul 05, 20- Jul 18, 20	328	44.4	39.7	49.6
	Jul 19, 20- Aug 01, 20	326	45.2	40.4	50.5

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Aug 02, 20-Aug 15, 20	279	37.8	33.6	42.7
	Aug 16, 20-Aug 29, 20	265	35.9	31.7	40.6
	Aug 30, 20-Sept 12, 20	215	29.8	26.0	34.2
	Sept 13, 20-Sept 26, 20	254	35.1	30.9	39.9
	Sept 27, 20-Oct 10, 20	354	46.8	42.1	52.0
	Oct 11, 20-Oct 24, 20	381	50.1	45.2	55.5
	Oct 25, 20-Nov 07, 20	816	109.9	102.5	117.9
	Nov 08, 20-Nov 21, 20	1,721	231.1	220.2	242.6
	Nov 22, 20-Dec 05, 20	1,990	272.3	260.3	284.9
	Dec 06, 20-Dec 19, 20	1,875	262.1	250.2	274.6
	Dec 20, 20-Jan 02, 21	1,703	233.3	222.3	245.0
	Jan 03, 21-Jan 16, 21	1,815	251.1	239.5	263.2
	Jan 17, 21-Jan 30, 21	1,166	163.0	153.6	172.8
	Jan 31, 21-Feb 13, 21	760	105.4	98.0	113.3
	Feb 14, 21-Feb 27, 21	604	82.8	76.3	89.8
	Feb 28, 21-Mar 13, 21	538	71.5	65.6	78.0

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Mar 14, 21- Mar 27, 21	800	107.0	99.7	114.8
	Mar 28, 21- Apr 10, 21	946	122.6	114.9	130.8
	Apr 11, 21- Apr 24, 21	1,099	143.2	134.8	152.0
	Apr 25, 21- May 08, 21	796	102.9	95.9	110.4
	May 09, 21- May 22, 21	364	47.6	42.9	52.9
	May 23, 21- June 05, 21	233	31.5	27.6	35.9
	June 06, 21- June 19, 21	169	23.1	19.8	27.0
	June 20, 21- July 03, 21	148	19.4	16.4	22.8
	July 04, 21- July 17, 21	279	36.3	32.2	41.0
	July 18, 21- July 31, 21	773	102.2	95.1	109.8
	Aug 01, 21- Aug 14, 21	1,296	170.3	161.1	180.0
	Aug 15, 21- Aug 28, 21	1,448	193.6	183.7	204.1
	Aug 29, 21- Sept 11, 21	1,413	188.2	178.4	198.5
	Sept 12, 21- Sept 25, 21	1,204	161.8	152.7	171.4
	Sept 26, 21- Oct 09, 21	1,129	153.4	144.6	162.8
	Oct 10, 21- Oct 23, 21	1,135	155.2	146.3	164.7

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Oct 24, 21- Nov 06, 21	1,015	137.7	129.3	146.6
	Nov 07, 21- Nov 20, 21	827	112.8	105.2	120.9
	Nov 21, 21- Dec 04, 21	726	97.7	90.7	105.2
	Dec 05, 21- Dec 18, 21	1,305	172.9	163.6	182.8
	Dec 19, 21- Jan 01, 22	7,258	940.3	918.5	962.5
	Jan 02, 22- Jan 15, 22	21,457	2,845.1	2,806.6	2,884.1
	Jan 16, 22- Jan 29, 22	11,124	1,499.4	1,471.3	1,528.1
	Jan 30, 22- Feb 12, 22	4,170	564.1	546.9	581.9
	Feb 13, 22- Feb 26, 22	1,501	201.5	191.3	212.1
	Feb 27, 22- Mar 12, 22	665	89.8	83.1	97.1
	Mar 13, 22- Mar 26, 22	751	100.8	93.7	108.4
	Mar 27, 22- Apr 09, 22	1,449	186.6	177.0	196.6
	Apr 10, 22- Apr 23, 22	2,544	338.2	325.1	351.9
	Apr 24, 22- May 07, 22	3,836	513.9	497.6	530.8
	May 08, 22- May 21, 22	4,628	619.6	601.7	638.1
	May 22, 22- June 04, 22	4,459	593.3	575.8	611.4

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	June 05, 22- June 18, 22	3,900	522.7	506.2	539.8
	June 19, 22- July 02, 22	3,926	523.2	506.7	540.2
	July 03, 22- July 16, 22	3,574	479.6	463.8	496.0
	July 17, 22- July 30, 22	2,680	365.9	351.9	380.3
	July 31, 22- Aug 13, 22	1,846	250.0	238.6	262.0
	Aug 14, 22- Aug 27, 22	1,464	198.9	188.7	209.7
	Aug 28, 22- Sept 10, 22	1,132	152.8	144.0	162.2
	Mar 01, 20- Mar 14, 20	36	13.6	9.6	19.3
	Mar 15, 20- Mar 28, 20	213	76.8	66.6	88.5
	Mar 29, 20- Apr 11, 20	316	115.3	102.6	129.6
	Apr 12, 20- Apr 25, 20	312	106.6	94.9	119.6
Black	Apr 26, 20- May 09, 20	212	71.1	61.8	81.8
	May 10, 20- May 23, 20	160	51.6	43.9	60.6
	May 24, 20- Jun 06, 20	132	44.9	37.5	53.8
	Jun 07, 20- Jun 20, 20	194	61.9	53.5	71.7
	Jun 21, 20- Jul 04, 20	387	121.4	109.4	134.7

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Jul 05, 20-Jul 18, 20	513	159.7	146.1	174.5
	Jul 19, 20-Aug 01, 20	565	182.9	167.8	199.2
	Aug 02, 20-Aug 15, 20	522	172.3	157.5	188.4
	Aug 16, 20-Aug 29, 20	322	104.0	92.9	116.5
	Aug 30, 20-Sept 12, 20	246	80.1	70.3	91.3
	Sept 13, 20-Sept 26, 20	277	89.8	79.3	101.6
	Sept 27, 20-Oct 10, 20	366	114.0	102.6	126.7
	Oct 11, 20-Oct 24, 20	427	135.9	123.1	150.0
	Oct 25, 20-Nov 07, 20	942	290.3	272.0	309.9
	Nov 08, 20-Nov 21, 20	1,515	480.6	456.2	506.3
	Nov 22, 20-Dec 05, 20	1,636	534.0	507.6	561.7
	Dec 06, 20-Dec 19, 20	1,556	518.2	491.9	545.9
	Dec 20, 20-Jan 02, 21	1,277	420.8	397.3	445.6
	Jan 03, 21-Jan 16, 21	1,284	412.3	389.5	436.4
	Jan 17, 21-Jan 30, 21	825	269.2	250.7	289.0
	Jan 31, 21-Feb 13, 21	487	159.2	145.0	174.8

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Feb 14, 21- Feb 27, 21	436	142.3	129.0	156.9
	Feb 28, 21- Mar 13, 21	435	137.1	124.5	151.0
	Mar 14, 21- Mar 27, 21	595	186.5	171.7	202.5
	Mar 28, 21- Apr 10, 21	848	256.5	239.5	274.8
	Apr 11, 21- Apr 24, 21	1,140	347.2	327.2	368.5
	Apr 25, 21- May 08, 21	1,078	332.2	312.4	353.3
	May 09, 21- May 22, 21	673	207.0	191.6	223.6
	May 23, 21- June 05, 21	509	156.4	143.0	170.9
	June 06, 21- June 19, 21	404	126.4	114.2	139.8
	June 20, 21- July 03, 21	304	93.8	83.6	105.3
	July 04, 21- July 17, 21	450	133.8	121.8	146.9
	July 18, 21- July 31, 21	924	279.8	261.9	298.8
	Aug 01, 21- Aug 14, 21	1,482	456.1	432.9	480.5
	Aug 15, 21- Aug 28, 21	1,635	512.8	487.9	539.1
	Aug 29, 21- Sept 11, 21	1,462	464.9	440.9	490.3
	Sept 12, 21- Sept 25, 21	1,257	392.5	370.8	415.5

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Sept 26, 21- Oct 09, 21	995	308.3	289.1	328.7
	Oct 10, 21- Oct 23, 21	897	283.6	265.1	303.4
	Oct 24, 21- Nov 06, 21	681	214.4	198.4	231.7
	Nov 07, 21- Nov 20, 21	496	157.5	143.7	172.5
	Nov 21, 21- Dec 04, 21	526	160.9	147.4	175.5
	Dec 05, 21- Dec 18, 21	1,096	334.1	314.5	354.9
	Dec 19, 21- Jan 01, 22	5,009	1,536.3	1,493.4	1,580.5
	Jan 02, 22- Jan 15, 22	11,200	3,485.7	3,419.9	3,552.7
	Jan 16, 22- Jan 29, 22	5,938	1,868.6	1,820.2	1,918.2
	Jan 30, 22- Feb 12, 22	2,031	653.4	624.5	683.7
	Feb 13, 22- Feb 26, 22	622	206.3	189.8	224.1
	Feb 27, 22- Mar 12, 22	276	91.7	81.1	103.8
	Mar 13, 22- Mar 26, 22	254	83.0	73.0	94.5
	Mar 27, 22- Apr 09, 22	385	124.0	111.7	137.7
	Apr 10, 22- Apr 23, 22	654	208.7	192.7	225.9
	Apr 24, 22- May 07, 22	987	327.2	306.5	349.3

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
NHPI	May 08, 22- May 21, 22	1,485	481.6	456.7	507.8
	May 22, 22- June 04, 22	1,397	453.8	429.7	479.2
	June 05, 22- June 18, 22	1,336	438.9	415.1	464.1
	June 19, 22- July 02, 22	1,419	468.7	443.9	494.8
	July 03, 22- July 16, 22	1,422	484.5	458.7	511.9
	July 17, 22- July 30, 22	1,138	392.2	368.8	417.0
	July 31, 22- Aug 13, 22	787	266.7	247.8	287.1
	Aug 14, 22- Aug 27, 22	548	188.2	172.3	205.4
	Aug 28, 22- Sept 10, 22	427	148.6	134.5	164.1
	Mar 01, 20- Mar 14, 20	11	24.9	12.8	48.6
	Mar 15, 20- Mar 28, 20	34	86.6	57.2	131.1
	Mar 29, 20- Apr 11, 20	65	144.7	109.4	191.3
	Apr 12, 20- Apr 25, 20	102	192.4	155.9	237.3
	Apr 26, 20- May 09, 20	88	169.8	135.1	213.3
	May 10, 20- May 23, 20	118	214.7	176.2	261.5
	May 24, 20- Jun 06, 20	145	258.5	214.7	311.3

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Jun 07, 20-Jun 20, 20	207	365.3	315.2	423.4
	Jun 21, 20-Jul 04, 20	200	363.3	311.1	424.2
	Jul 05, 20-Jul 18, 20	150	262.3	220.6	311.8
	Jul 19, 20-Aug 01, 20	115	213.8	173.6	263.4
	Aug 02, 20-Aug 15, 20	113	219.8	177.7	271.8
	Aug 16, 20-Aug 29, 20	126	233.7	191.8	284.8
	Aug 30, 20-Sept 12, 20	115	214.5	173.7	265.0
	Sept 13, 20-Sept 26, 20	98	182.8	145.9	229.1
	Sept 27, 20-Oct 10, 20	115	225.9	181.8	280.7
	Oct 11, 20-Oct 24, 20	124	242.5	196.2	299.7
	Oct 25, 20-Nov 07, 20	254	462.7	403.6	530.5
	Nov 08, 20-Nov 21, 20	474	853.1	771.9	942.7
	Nov 22, 20-Dec 05, 20	440	820.3	734.9	915.7
	Dec 06, 20-Dec 19, 20	437	796.5	715.0	887.4
	Dec 20, 20-Jan 02, 21	455	863.1	776.5	959.3
	Jan 03, 21-Jan 16, 21	494	860.6	780.1	949.5

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Jan 17, 21- Jan 30, 21	423	780.5	699.4	870.9
	Jan 31, 21- Feb 13, 21	326	606.1	536.1	685.2
	Feb 14, 21- Feb 27, 21	226	387.5	336.6	446.1
	Feb 28, 21- Mar 13, 21	148	264.3	221.3	315.7
	Mar 14, 21- Mar 27, 21	215	367.0	317.9	423.7
	Mar 28, 21- Apr 10, 21	220	389.4	336.4	450.9
	Apr 11, 21- Apr 24, 21	347	586.9	523.1	658.4
	Apr 25, 21- May 08, 21	323	516.2	458.7	580.8
	May 09, 21- May 22, 21	238	413.4	357.6	477.9
	May 23, 21- June 05, 21	152	255.1	213.5	304.7
	June 06, 21- June 19, 21	126	202.0	167.8	243.2
	June 20, 21- July 03, 21	93	162.3	129.8	203.1
	July 04, 21- July 17, 21	176	295.1	250.5	347.7
	July 18, 21- July 31, 21	229	377.5	326.9	435.9
	Aug 01, 21- Aug 14, 21	488	827.5	748.2	915.2
	Aug 15, 21- Aug 28, 21	560	983.4	895.3	1,080.2

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Aug 29, 21-Sept 11, 21	584	992.4	906.6	1,086.3
	Sept 12, 21-Sept 25, 21	451	800.5	721.1	888.5
	Sept 26, 21-Oct 09, 21	361	638.5	568.7	716.9
	Oct 10, 21-Oct 23, 21	361	608.7	542.4	683.2
	Oct 24, 21-Nov 06, 21	322	563.3	497.1	638.2
	Nov 07, 21-Nov 20, 21	241	404.9	353.5	463.7
	Nov 21, 21-Dec 04, 21	231	403.3	347.9	467.5
	Dec 05, 21-Dec 18, 21	351	589.7	524.9	662.4
	Dec 19, 21-Jan 01, 22	1,429	2,468.7	2,329.1	2,616.5
	Jan 02, 22-Jan 15, 22	3,346	5,761.7	5,547.2	5,984.6
	Jan 16, 22-Jan 29, 22	1,676	2,958.2	2,801.1	3,124.1
	Jan 30, 22-Feb 12, 22	559	993.5	902.5	1,093.8
	Feb 13, 22-Feb 26, 22	225	423.2	363.4	492.9
	Feb 27, 22-Mar 12, 22	76	138.5	108.3	177.1
	Mar 13, 22-Mar 26, 22	41	71.6	51.3	99.9
	Mar 27, 22-Apr 09, 22	79	139.4	107.8	180.2

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Apr 10, 22- Apr 23, 22	156	291.6	243.9	348.7
	Apr 24, 22- May 07, 22	204	409.1	348.0	481.0
	May 08, 22- May 21, 22	316	654.6	570.6	751.0
	May 22, 22- June 04, 22	250	484.9	417.4	563.4
	June 05, 22- June 18, 22	281	569.4	495.7	654.0
	June 19, 22- July 02, 22	336	641.9	567.9	725.7
	July 03, 22- July 16, 22	292	586.9	514.8	669.2
	July 17, 22- July 30, 22	262	545.1	475.0	625.5
	July 31, 22- Aug 13, 22	201	397.3	338.7	466.0
	Aug 14, 22- Aug 27, 22	136	282.0	231.7	343.3
	Aug 28, 22- Sept 10, 22	108	200.5	163.3	246.2
	Mar 01, 20- Mar 14, 20	12	8.9	4.7	16.6
	Mar 15, 20- Mar 28, 20	70	36.0	27.6	47.1
Multiracial	Mar 29, 20- Apr 11, 20	85	41.4	32.2	53.2
	Apr 12, 20- Apr 25, 20	56	29.7	21.9	40.2
	Apr 26, 20- May 09, 20	66	29.6	22.4	39.1

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	May 10, 20- May 23, 20	50	21.1	15.5	28.7
	May 24, 20- Jun 06, 20	84	38.6	30.3	49.1
	Jun 07, 20- Jun 20, 20	120	41.6	33.6	51.5
	Jun 21, 20- Jul 04, 20	216	71.6	60.9	84.1
	Jul 05, 20- Jul 18, 20	244	93.7	81.0	108.5
	Jul 19, 20- Aug 01, 20	261	99.0	85.6	114.5
	Aug 02, 20- Aug 15, 20	168	58.8	49.0	70.5
	Aug 16, 20- Aug 29, 20	115	40.8	33.0	50.5
	Aug 30, 20- Sept 12, 20	109	38.2	30.3	48.1
	Sept 13, 20- Sept 26, 20	96	37.5	29.7	47.5
	Sept 27, 20- Oct 10, 20	145	56.1	45.9	68.5
	Oct 11, 20- Oct 24, 20	188	69.9	58.9	82.8
	Oct 25, 20- Nov 07, 20	425	150.9	134.7	169.0
	Nov 08, 20- Nov 21, 20	562	203.8	184.8	224.8
	Nov 22, 20- Dec 05, 20	583	215.7	196.2	237.0
	Dec 06, 20- Dec 19, 20	578	212.3	193.1	233.5

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Dec 20, 20-Jan 02, 21	453	165.3	148.4	184.1
	Jan 03, 21-Jan 16, 21	557	195.9	177.7	216.0
	Jan 17, 21-Jan 30, 21	337	117.3	103.0	133.6
	Jan 31, 21-Feb 13, 21	257	89.7	77.3	103.9
	Feb 14, 21-Feb 27, 21	173	60.3	50.4	72.1
	Feb 28, 21-Mar 13, 21	167	58.3	48.7	69.9
	Mar 14, 21-Mar 27, 21	284	100.4	87.4	115.5
	Mar 28, 21-Apr 10, 21	381	116.7	103.9	131.0
	Apr 11, 21-Apr 24, 21	493	155.9	140.7	172.8
	Apr 25, 21-May 08, 21	414	117.2	104.6	131.2
	May 09, 21-May 22, 21	280	81.1	70.4	93.3
	May 23, 21-June 05, 21	182	52.3	44.0	62.1
	June 06, 21-June 19, 21	111	34.3	27.6	42.5
	June 20, 21-July 03, 21	105	32.4	25.4	41.2
	July 04, 21-July 17, 21	177	55.2	46.4	65.7
	July 18, 21-July 31, 21	385	129.4	115.3	145.3

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Aug 01, 21-Aug 14, 21	642	201.3	183.5	220.9
	Aug 15, 21-Aug 28, 21	664	212.5	193.7	233.1
	Aug 29, 21-Sept 11, 21	708	228.2	208.6	249.7
	Sept 12, 21-Sept 25, 21	690	214.1	195.2	234.7
	Sept 26, 21-Oct 09, 21	603	184.8	167.5	204.0
	Oct 10, 21-Oct 23, 21	594	177.7	161.1	196.0
	Oct 24, 21-Nov 06, 21	479	149.6	133.8	167.2
	Nov 07, 21-Nov 20, 21	473	144.7	129.8	161.2
	Nov 21, 21-Dec 04, 21	404	130.3	115.6	146.8
	Dec 05, 21-Dec 18, 21	580	164.0	148.8	180.8
	Dec 19, 21-Jan 01, 22	643	204.4	186.7	223.9
	Jan 02, 22-Jan 15, 22	1,446	422.5	396.5	450.2
	Jan 16, 22-Jan 29, 22	926	279.5	258.1	302.6
	Jan 30, 22-Feb 12, 22	504	176.3	157.7	197.0
	Feb 13, 22-Feb 26, 22	142	52.4	42.6	64.4
	Feb 27, 22-Mar 12, 22	74	33.0	24.7	44.1

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Mar 13, 22- Mar 26, 22	63	25.6	18.7	35.1
	Mar 27, 22- Apr 09, 22	159	54.8	45.1	66.6
	Apr 10, 22- Apr 23, 22	163	61.3	50.6	74.2
	Apr 24, 22- May 07, 22	184	76.9	64.7	91.4
	May 08, 22- May 21, 22	180	79.0	66.2	94.4
	May 22, 22- June 04, 22	147	69.5	57.2	84.4
	June 05, 22- June 18, 22	146	69.6	57.5	84.3
	June 19, 22- July 02, 22	148	64.6	53.1	78.7
	July 03, 22- July 16, 22	159	81.3	67.7	97.7
	July 17, 22- July 30, 22	101	49.2	39.0	62.1
	July 31, 22- Aug 13, 22	90	49.3	38.4	63.2
	Aug 14, 22- Aug 27, 22	84	42.3	32.6	54.9
	Aug 28, 22- Sept 10, 22	88	45.0	35.0	57.9
	Mar 01, 20- Mar 14, 20	8	10.4	5.0	21.7
AIAN	Mar 15, 20- Mar 28, 20	39	47.6	34.1	66.5
	Mar 29, 20- Apr 11, 20	62	71.4	55.2	92.2

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Apr 12, 20-Apr 25, 20	48	50.0	37.6	66.4
	Apr 26, 20-May 09, 20	87	89.6	72.5	110.6
	May 10, 20-May 23, 20	75	78.8	62.6	99.2
	May 24, 20-Jun 06, 20	157	169.9	144.8	199.4
	Jun 07, 20-Jun 20, 20	231	243.5	213.5	277.8
	Jun 21, 20-Jul 04, 20	188	203.3	175.4	235.6
	Jul 05, 20-Jul 18, 20	174	185.1	159.0	215.6
	Jul 19, 20-Aug 01, 20	214	224.2	195.6	257.0
	Aug 02, 20-Aug 15, 20	148	160.4	135.7	189.6
	Aug 16, 20-Aug 29, 20	111	114.1	94.5	137.7
	Aug 30, 20-Sept 12, 20	66	71.0	55.3	91.0
	Sept 13, 20-Sept 26, 20	99	101.2	83.0	123.3
	Sept 27, 20-Oct 10, 20	93	95.4	77.8	117.0
	Oct 11, 20-Oct 24, 20	83	86.5	69.4	107.9
	Oct 25, 20-Nov 07, 20	177	185.7	159.9	215.6
	Nov 08, 20-Nov 21, 20	443	471.3	428.6	518.4

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Nov 22, 20- Dec 05, 20	709	739.6	686.3	796.9
	Dec 06, 20- Dec 19, 20	710	746.3	692.5	804.3
	Dec 20, 20- Jan 02, 21	560	590.1	542.3	642.1
	Jan 03, 21- Jan 16, 21	574	595.4	548.0	646.8
	Jan 17, 21- Jan 30, 21	385	402.0	363.2	445.0
	Jan 31, 21- Feb 13, 21	338	347.2	311.8	386.8
	Feb 14, 21- Feb 27, 21	215	220.5	192.7	252.3
	Feb 28, 21- Mar 13, 21	203	203.8	177.5	233.9
	Mar 14, 21- Mar 27, 21	220	220.9	193.5	252.3
	Mar 28, 21- Apr 10, 21	255	263.4	232.4	298.5
	Apr 11, 21- Apr 24, 21	340	345.4	310.1	384.7
	Apr 25, 21- May 08, 21	302	307.5	274.4	344.6
	May 09, 21- May 22, 21	239	244.0	214.6	277.4
	May 23, 21- June 05, 21	155	154.6	132.0	181.1
	June 06, 21- June 19, 21	105	108.0	88.9	131.1
	June 20, 21- July 03, 21	67	71.1	55.5	91.0

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	July 04, 21- July 17, 21	101	102.7	84.3	125.2
	July 18, 21- July 31, 21	348	361.9	325.2	402.8
	Aug 01, 21- Aug 14, 21	622	641.3	592.2	694.5
	Aug 15, 21- Aug 28, 21	941	975.1	914.0	1,040.4
	Aug 29, 21- Sept 11, 21	1,025	1,064.8	1,000.4	1,133.4
	Sept 12, 21- Sept 25, 21	822	848.8	791.7	910.0
	Sept 26, 21- Oct 09, 21	739	763.0	709.0	821.1
	Oct 10, 21- Oct 23, 21	618	637.3	588.4	690.3
	Oct 24, 21- Nov 06, 21	481	493.0	450.3	539.6
	Nov 07, 21- Nov 20, 21	387	394.6	356.6	436.6
	Nov 21, 21- Dec 04, 21	367	378.4	341.0	419.8
	Dec 05, 21- Dec 18, 21	340	355.0	318.5	395.8
	Dec 19, 21- Jan 01, 22	1,346	1,381.1	1,308.3	1,457.9
	Jan 02, 22- Jan 15, 22	4,839	4,947.4	4,808.3	5,090.6
	Jan 16, 22- Jan 29, 22	3,171	3,250.2	3,137.6	3,366.9
	Jan 30, 22- Feb 12, 22	1,369	1,421.3	1,346.5	1,500.3

Race/Ethnicity	Two-Week Period	Case Count	Age-Adjusted Case Rate per 100,000	Lower 95% Confidence Interval	Upper 95% Confidence Interval
	Feb 13, 22- Feb 26, 22	403	422.1	381.9	466.4
	Feb 27, 22- Mar 12, 22	159	169.4	144.3	198.9
	Mar 13, 22- Mar 26, 22	148	159.5	135.0	188.4
	Mar 27, 22- Apr 09, 22	104	103.0	85.0	125.0
	Apr 10, 22- Apr 23, 22	167	174.2	149.3	203.3
	Apr 24, 22- May 07, 22	222	233.4	204.1	267.1
	May 08, 22- May 21, 22	310	328.8	293.4	368.5
	May 22, 22- June 04, 22	310	330.4	294.7	370.3
	June 05, 22- June 18, 22	293	319.9	284.2	360.1
	June 19, 22- July 02, 22	363	397.9	357.7	442.7
	July 03, 22- July 16, 22	384	414.8	374.2	459.8
	July 17, 22- July 30, 22	302	332.4	296.0	373.3
	July 31, 22- Aug 13, 22	256	274.0	241.8	310.4
	Aug 14, 22- Aug 27, 22	176	187.1	161.0	217.4
	Aug 28, 22- Sept 10, 22	137	149.9	126.1	178.3

Source: Washington Disease Reporting System (WDRS)

Cumulative crude confirmed or probable case counts and percentages by language spoken

Analysis of language spoken provides another important method to understand health disparities and communities impacted by COVID-19. Use of one method alone may mask health disparities and community-specific impacts. Almost half of reported confirmed or probable cases are missing information on primary language. Despite missing data, there are some important observations.

The following table presents counts and percentages of confirmed or probable cases, by primary language spoken. The percentage of the Washington state population 5 years and over with limited English proficiency that speak each language are also included to provide context. The information on the percentage of the Washington state population with limited English proficiency come from the Office of Financial Management 2016 estimates. Findings should be interpreted with caution due to the high proportion of missing data (78%).

Table 4. Confirmed or probable COVID-19 case count and percentage of cases by primary language spoken 2020-01-18 to 2022-09-19.

Language	Case Count	% of Cases	% of WA Population with Limited English Proficiency*
All Cases	1,542,204	100.0%	
Unknown Language	1,258,393	81.6%	
Known Language	283,811	18.4%	
English	259,390	91.4*%	
Spanish	20,996	7.4*%	6.4
Marshallese	43	0.0*%	0.1
Vietnamese	687	0.2*%	0.5
Russian	861	0.3*%	0.3
Chinese (all)	332	0.1*%	0.3
Ukrainian	100	0.0*%	0.2
Somali	117	0.0*%	0.1
Tagalog	72	0.0*%	0.1
Amharic	81	0.0*%	0.1

Language	Case Count	% of Cases	% of WA Population with Limited English Proficiency*
Other	1,132	0.4*%	

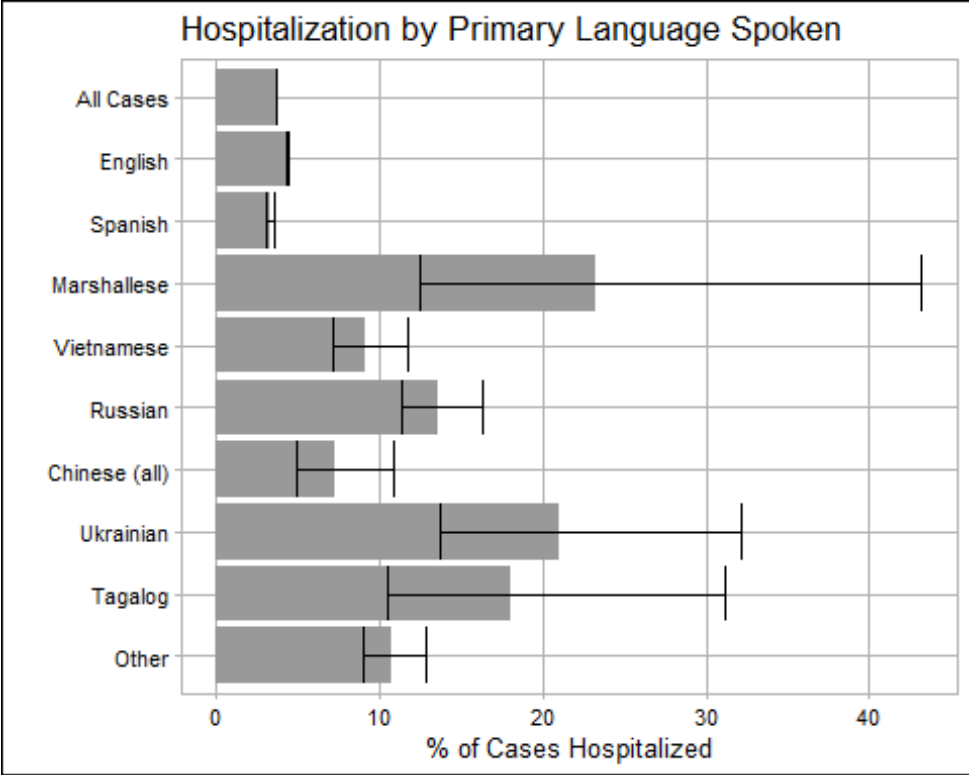
*For more information on the selected WA populations by primary language reported here, please see the WA OFM methodology, https://ofm.wa.gov/sites/default/files/public/legacy/pop/subject/ofm_pop_limited_english_proficiency_methodology.pdf

Cumulative hospitalization percentages among confirmed or probable COVID-19 cases by language spoken

The following table and graph present the percentages of confirmed or probable cases who were hospitalized, by primary language spoken. The high rates of hospitalizations among confirmed or probable cases whose primary language was other than English or Spanish suggests that increased exposures and/or barriers to care may contribute to more severe disease in these populations. Languages with less than 10 individuals hospitalized were removed from this analysis to protect patient confidentiality. Findings should be interpreted with caution due to the high proportion of missing data (78%).

Table 5: Percentages of confirmed or probable COVID-19 cases hospitalized by primary language spoken 2020-01-18 to 2022-09-19.

Language	Case Count	Hospitalization Count	% language specific cases hospitalized
All Cases	1,542,204	56,664	3.7%
English	259,390	11,161	4.3%
Spanish	20,996	695	3.3%
Marshallese	43	10	23.3%
Vietnamese	687	63	9.2%
Russian	861	117	13.6%
Chinese (all)	332	24	7.2%
Ukrainian	100	21	21%
Tagalog	72	13	18.1%
Other	1,132	121	10.7%



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Health