

COVID-19 Weekly Report

Oregon's Weekly Surveillance Summary



Weekly Data Report - January 20, 2022

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Background

COVID-19 Weekly Report data will be finalized every Sunday at 11 p.m. PST, and the report will be published on Wednesday. Please note that the data reported here are continually being updated. For daily up-to-date information, visit the OHA COVID-19 web page: <https://govstatus.egov.com/OR-OHA-COVID-19>.

As of 11 p.m. Sunday, January 16, there have been 534,230 cases of COVID-19 reported to the Oregon Health Authority. Of these, 16,894 (3.2%) are “presumptive” cases. This includes people with COVID-19-like symptoms and close contact with a confirmed case, but who did not have a confirmatory laboratory test, and people that self-report at-home tests to public health. Though not confirmed, presumptive cases are highly likely to have COVID-19, given their specific symptoms and known exposure or at-home positive test. If a case later tests positive at a lab, that case will be recategorized as confirmed. If a case tests positive at home, the case will remain presumptive.

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These data represent a snapshot of COVID-19 risk factors and clinical and demographic characteristics of cases, and they include data on cases with pending investigations. Not all cases have been interviewed at the time of this report. The data shown in this report come from Oregon's electronic disease surveillance system for reportable diseases.

During the week of January 9–January 15¹ 320,710 tests for COVID-19 were performed on Oregonians; of these, 22% had a positive result.² This figure represents a “test-based” method, whereby all electronic lab reports received by OHA are used to calculate percent positivity.³ Detailed tables of the number of tests and percent positivity can be found online at

<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonHealthAuthorityCOVID-19DataDashboard/OregonsCOVID-19ELRsbyCounty>.

In previous reports, OHA published case data by exposure source and interview status. Due to recent changes in case investigation, these data are no longer available. The Epidemiological Links and Follow Up sections have been removed from this and subsequent reports. All previous reports are available on the OHA website.

Errata: Due to a technical issue, a previously posted version of this weekly report had excluded some cases. This version of the report corrects this error and updates all figures and tables.

Weekly Report Summary

During Monday, January 10, through Sunday, January 16, 2022, OHA logged 56,029 new cases of COVID-19 infection—18.5% more than during the previous week and another weekly high for the pandemic. The 320,710 reported test results represent a 24% increase over last week's total and also a new weekly high. Test positivity ticked up from 21.6% to 22%. By age, the largest increases this week were reported among children <10 years old and persons 10–19 years old. About 13% of Oregonians are Hispanic; among reported cases with known ethnicity, Hispanics have accounted for

¹ This date range aligns with CDC's “MMWR week.”

² Does not include antibody (serology) tests.

³ www.cdc.gov/coronavirus/2019-ncov/lab/resources/calculating-percent-positivity.html

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19% over the most recent 3 weeks, up from an average of 14% over the preceding 3-month period.

Along with the rise in cases, COVID-19-associated hospitalizations rose as well from 486 last week to 577 this week. Meanwhile COVID-19-associated deaths held steady, from 113 last week to 114 this week. Of the 534,230 cases reported in Oregon to date, 23,339 (4.4%) have been hospitalized, and 5,893 (1.1%) have died. COVID-19-associated deaths remain rare among the young: over the past 4 months none have reported in persons <20 years old. Data on mortality in Oregon, including deaths associated with COVID-19, are available at

<https://public.tableau.com/profile/oha.center.for.health.statistics>.

Through July 4 of this year, persons ≥ 80 accounted for 50% of COVID-19-associated deaths, but since then the figure has been 33%. The age distribution of fatal cases has changed little since that date. Data on mortality in Oregon, including deaths associated with COVID-19, are available at

<https://public.tableau.com/profile/oha.center.for.health.statistics>.

Additional data are available at

<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19CaseDemographicsandDiseaseSeverityStatewide/DemographicData>.

Clinical Characteristics and risk factors

This section of the report describes the epidemiology of Oregon's COVID-19 cases, including common symptoms experienced by COVID-19 cases, and demographic breakdowns for sex, age, race, and ethnicity. Indicators of disease severity, specifically hospitalizations and deaths, are included in the tables.

Clinical symptoms and reported risk factors

Figure 1 provides information on signs and symptoms from all COVID-19 cases. Of 534,230 cases, 223,966 (41.9%) reported having signs and symptoms of COVID-19. The most commonly reported symptoms are cough ($n=121,940$, 22.8%) and headache ($n=96,268$, 18%). Figure 2 provides information on the percentage of COVID-19 cases that report symptoms over time. Figure 3 provides information on risk factors from all COVID-19 cases. The most common risk factors are having contact with a known COVID-19 case prior to symptom onset ($n=169,755$, 31.8%) and having underlying

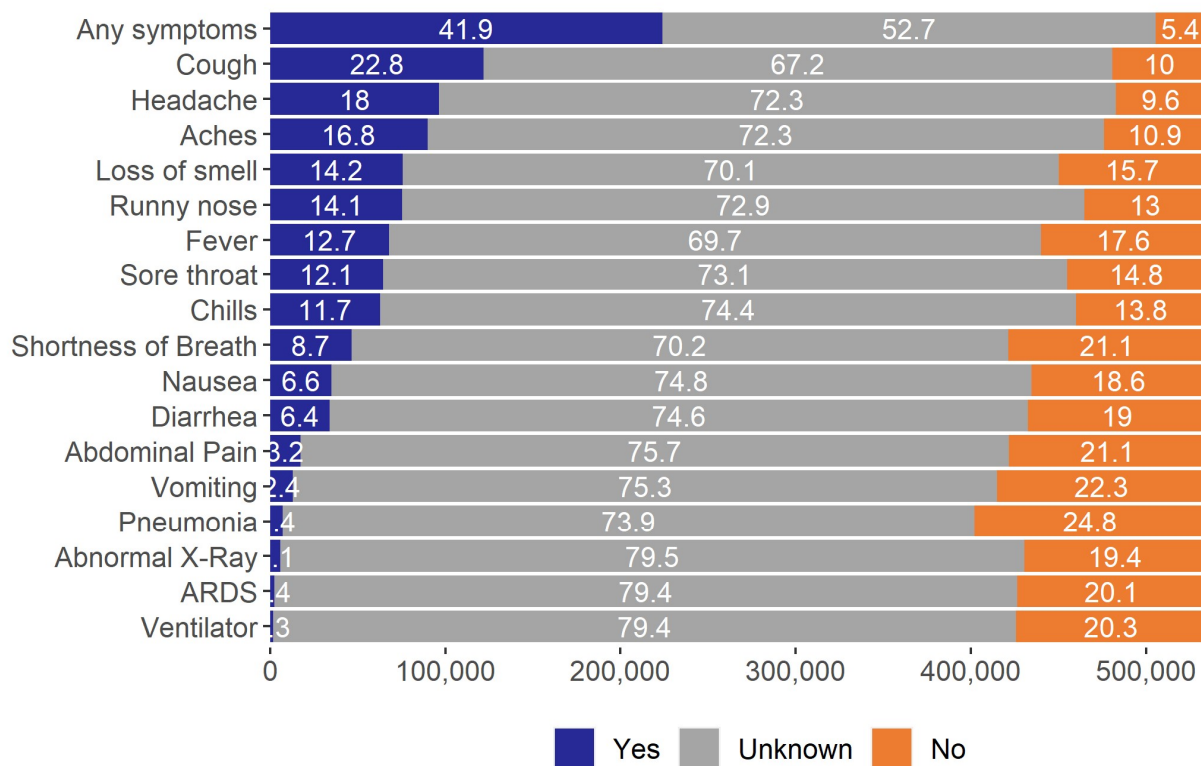
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medical conditions (n=372,783, 69.8%). Note that a person may report more than one sign/symptom or risk factor. Where displayed by week in this report, case data are categorized by week of reported symptom onset, not by date of case report. This results in reduced numbers in the most recent week or more due to reporting lags.

Figure 1. Reported signs and symptoms for all COVID-19 cases

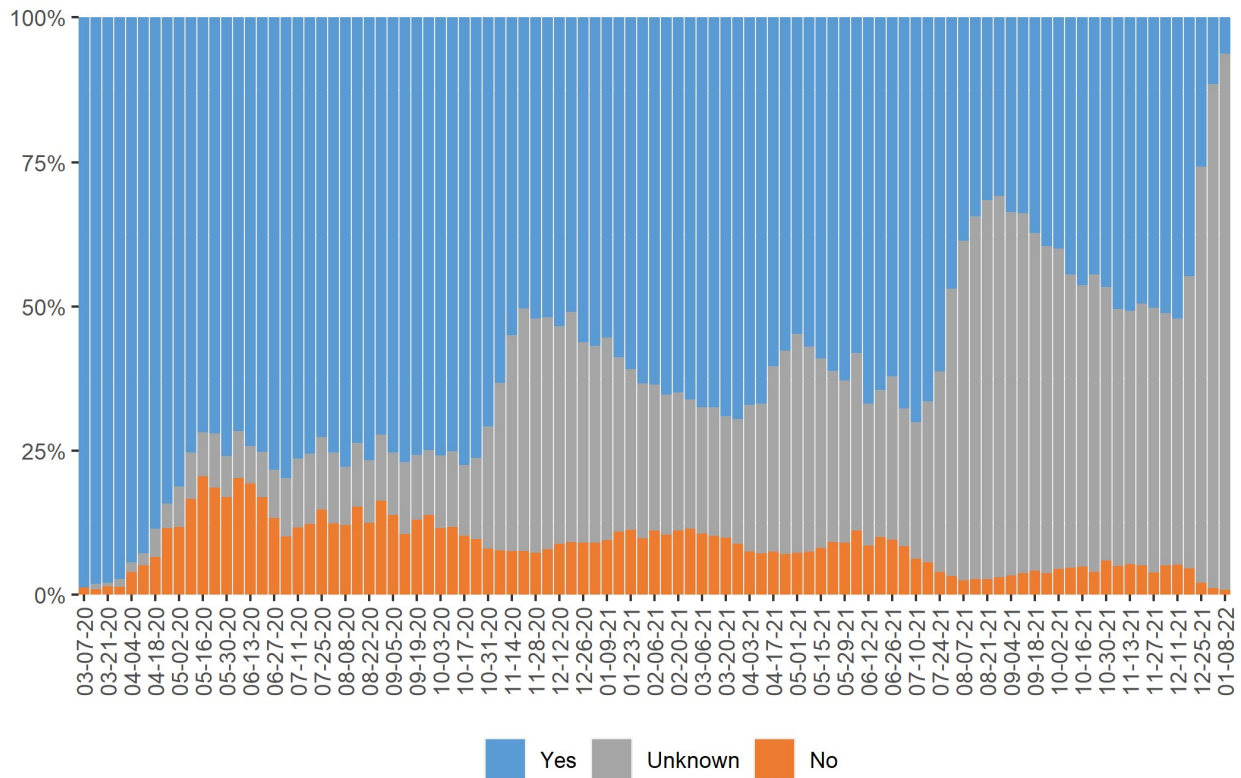


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Figure 2. Reported symptoms among all COVID-19 cases by week of onset

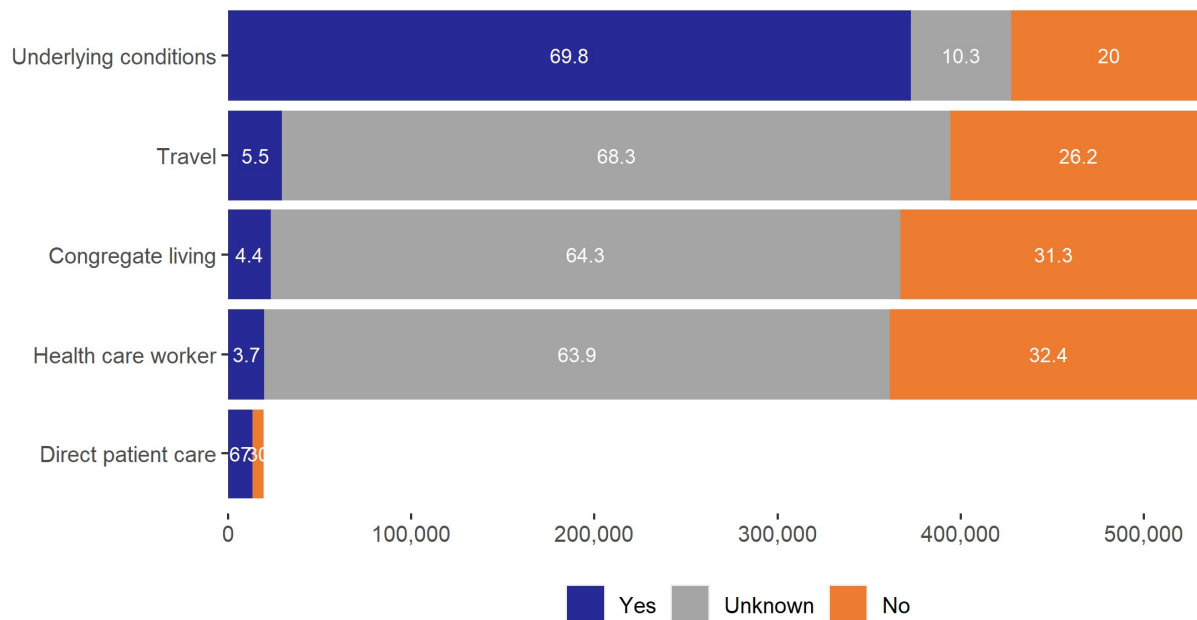


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Figure 3. Reported risk factors among all COVID-19 cases



Risk factor definitions:

- Congregate living situations include, but are not limited to, long-term care facilities, group homes, prisons, and shelters. Data include people with confirmed cases who live or work in congregate living situations.
- Direct patient care is only asked if a case is a healthcare worker or volunteer. The denominator is the number of healthcare workers or volunteers.
- Underlying medical conditions include cardiovascular disease, chronic liver disease, chronic lung disease, chronic renal disease, current or former smoker, diabetes mellitus, immunocompromised condition, neurologic and neurodevelopmental conditions, obesity, or other chronic diseases.

Demographics

The following tables and figures show the demographic characteristics for all COVID-19 cases. The tables show case counts, case rates, and indicators of severity by sex, age,

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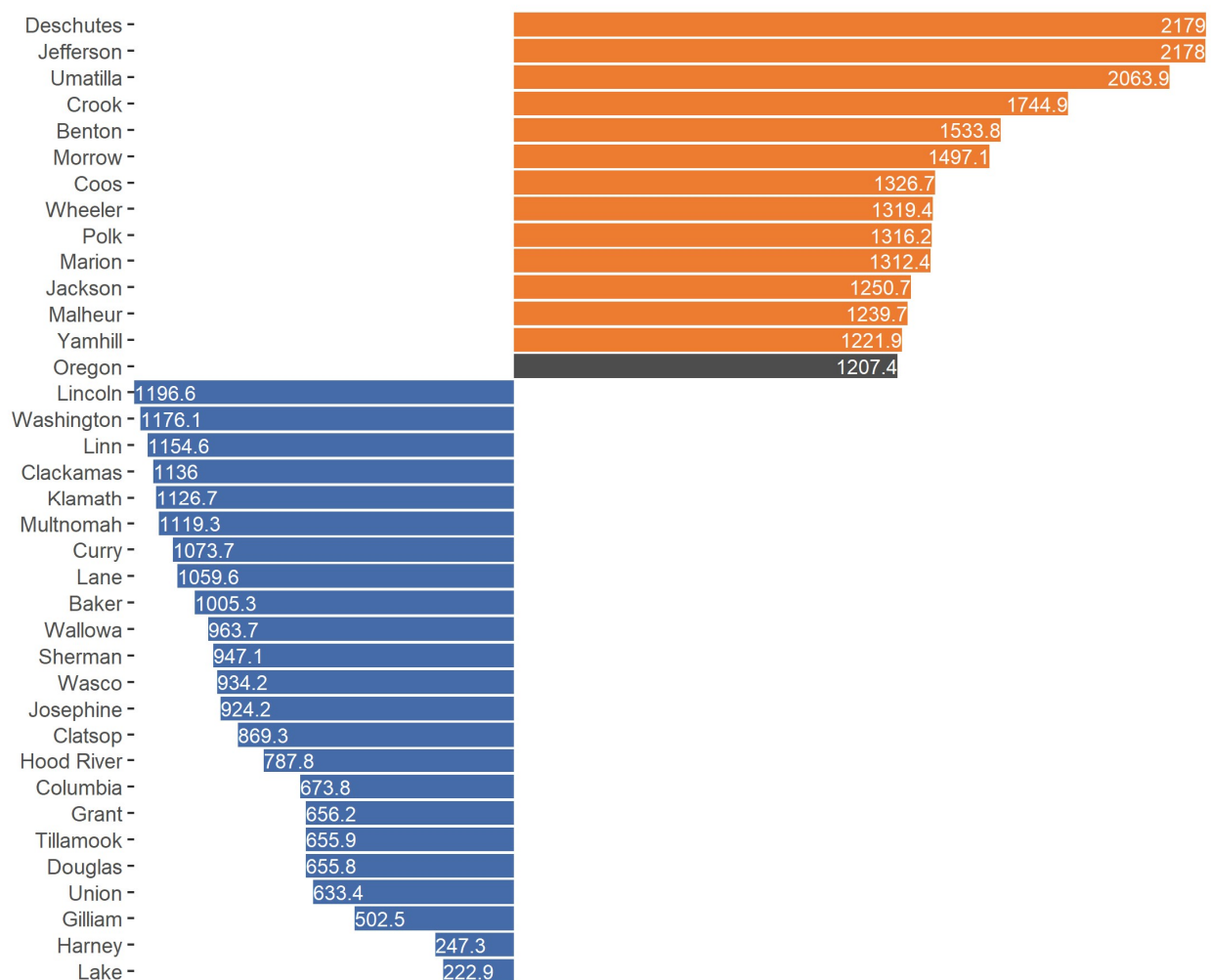


race and ethnicity. The figures show cases over time, by week of onset, for sex, age, race, and ethnicity. Figure 4 displays case rates by county, in comparison to the case rate for all of Oregon.

Geography

The following figure shows case rates by county for the most recently completed MMWR week, which is currently January 9 to January 15, 2022. Cases are displayed using the date that the case became known to public health.

Figure 4. Case rates per 100,000 population, by county



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1. Counties that had case rates above the case rate for the state are displayed in orange. Counties that had case rates below the case rate for the state are displayed in blue.
2. Counties that had zero cases in the time period displayed appear on the list, but do not have a bar to display.

Sex

Table 1. Severity and rates of COVID-19 by sex

Sex	Cases	% of total cases	Cases per 100,000	Hospitalized	% Hospitalized	Deaths	Case fatality
Female	270,932	50.7	12,526.2	10,949	4.0	2,623	1.0
Male	250,449	46.9	11,897.1	12,221	4.9	3,232	1.3
Non-Binary	53	0.0		0	0.0	0	0.0
Not Available	12,796	2.4		169	1.3	38	0.3
Total	534,230	100.0	12,516.9	23,339	4.4	5,893	1.1

1. Rates are calculated using population estimates from the 2020 Annual Population Report from Portland State University's College of Urban & Public Affairs Population Research Center and 2019 housing and demographic data from the U.S. Census Bureau's American Community Survey (ACS).

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Figure 5. Recent COVID-19 cases by sex and week of onset

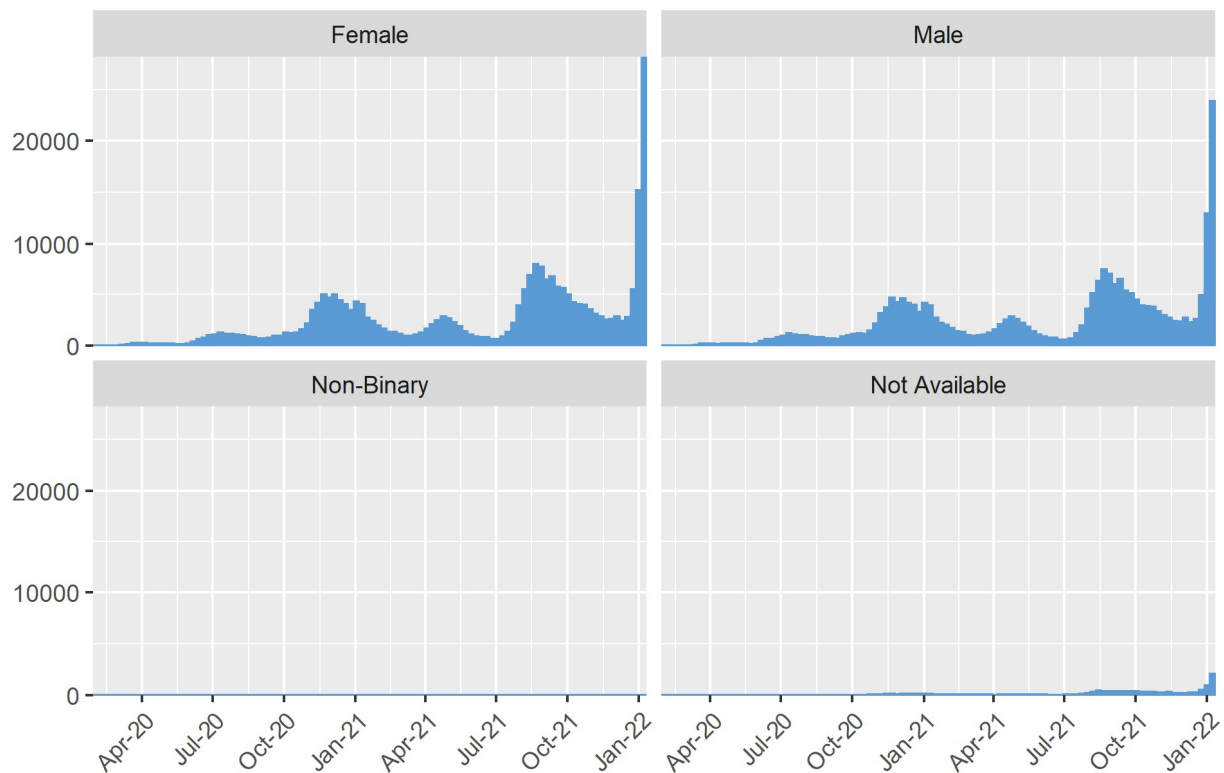


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Figure 6. All COVID-19 cases by sex and week of onset



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Age

Table 2. Severity and rates of COVID-19 by age

Age group	Cases	% of total cases	Cases per 100,000	Hospitalized	% Hospitalized	Deaths	Case fatality
0-9	43,743	8.2	9,328.9	318	0.7	2	0.0
10-19	63,703	11.9	12,623.7	417	0.7	3	0.0
20-29	105,704	19.8	19,194.7	1,375	1.3	30	0.0
30-39	94,483	17.7	15,939.2	1,875	2.0	89	0.1
40-49	78,391	14.7	14,528.8	2,516	3.2	248	0.3
50-59	63,214	11.8	11,841.7	3,631	5.7	546	0.9
60-69	44,303	8.3	8,089.0	4,793	10.8	1,107	2.5
70-79	25,152	4.7	7,148.4	4,564	18.1	1,438	5.7
80+	14,615	2.7	8,204.5	3,843	26.3	2,430	16.6
Not Available	922	0.2		7	0.8	0	0.0
Total	534,230	100.0	12,516.9	23,339	4.4	5,893	1.1

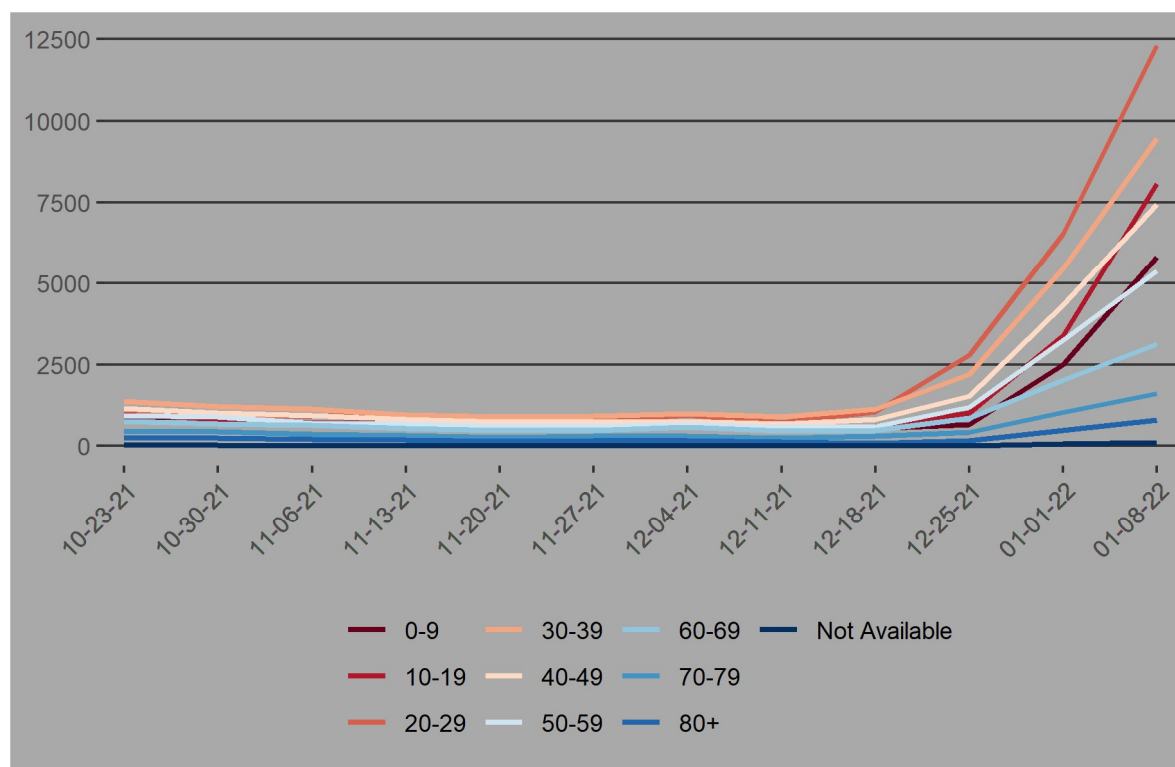
1. Rates are calculated using population estimates from the 2020 Annual Population Report from Portland State University's College of Urban & Public Affairs Population Research Center and 2019 housing and demographic data from the U.S. Census Bureau's American Community Survey (ACS).

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Figure 7. Recent COVID-19 cases by age and week of onset

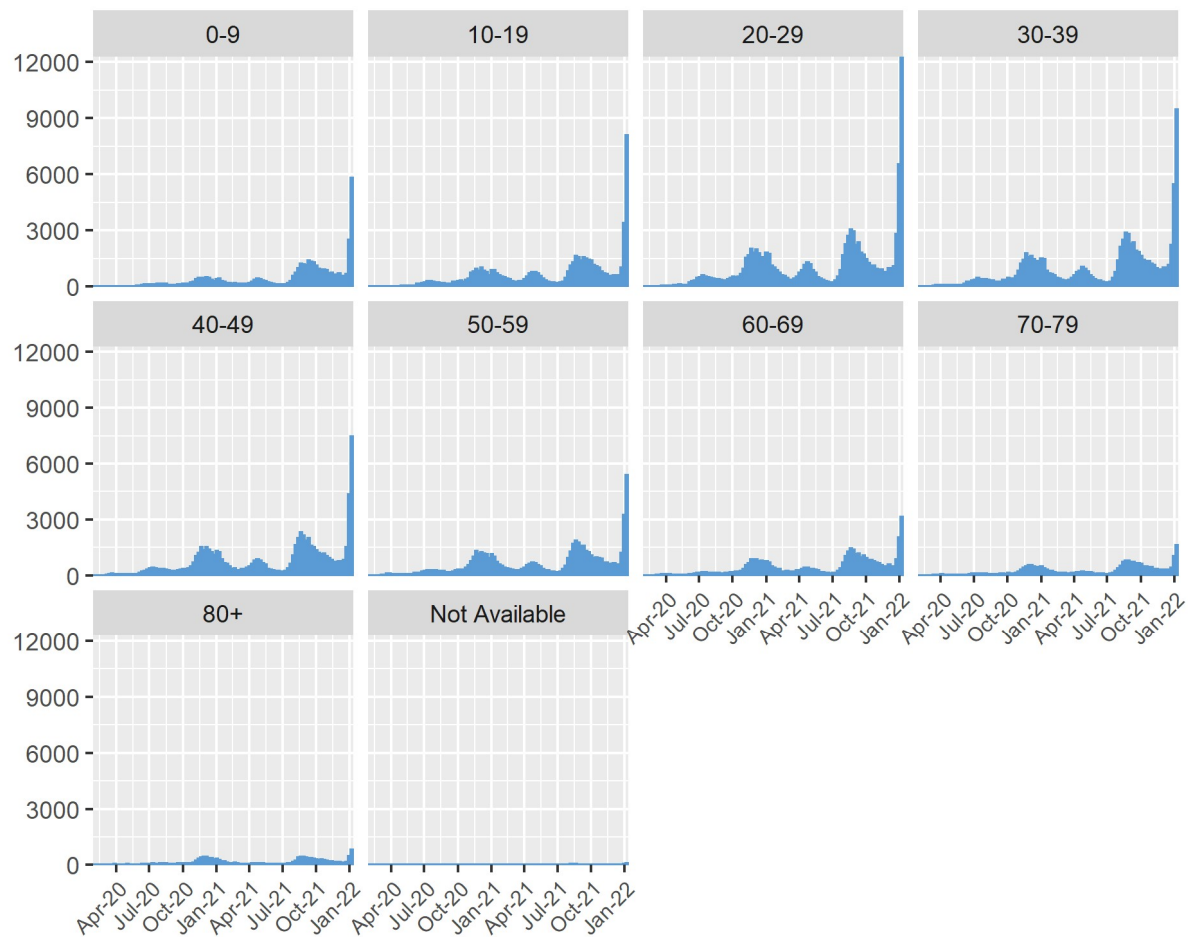


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Figure 8. All COVID-19 cases (counts) by age and week of onset

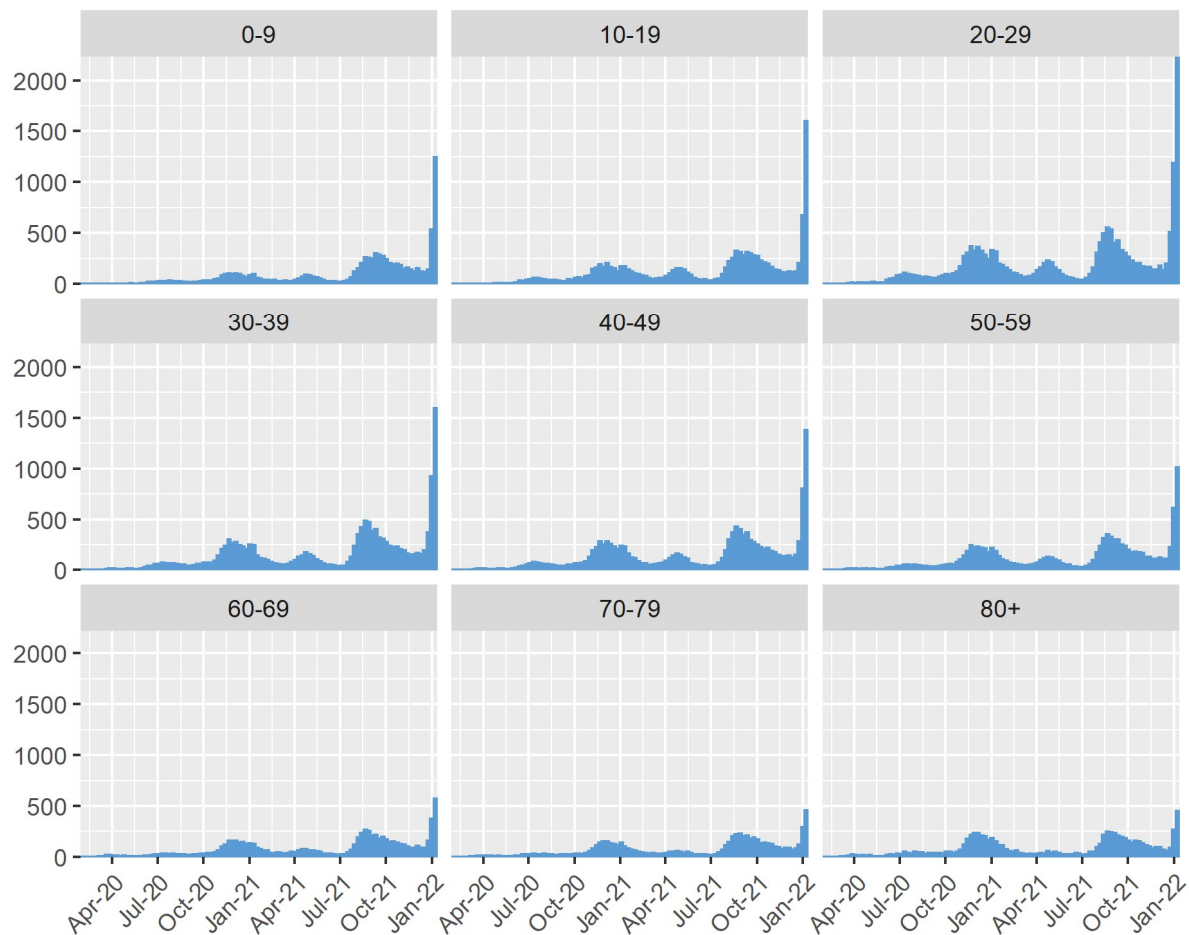


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Figure 9. All COVID-19 cases (case rate per 100,000) by age and week of onset



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Race

Table 3. Severity and rates of COVID-19 by race

Race	Cases	% of total cases	Cases per 100,000	Hospitalized	% Hospitalized	Deaths	Case fatality
> 1 race	6,633	1.2	3,235.7	326	4.9	75	1.1
American Indian/Alaska Native	8,191	1.5	16,491.2	479	5.8	99	1.2
Asian	13,750	2.6	7,367.7	544	4.0	106	0.8
Black	12,672	2.4	15,584.2	752	5.9	101	0.8
Not Available	137,172	25.7		2,919	2.1	1,118	0.8
Other	70,351	13.2		2,834	4.0	416	0.6
Pacific Islander	2,416	0.5	14,061.6	209	8.7	29	1.2
White	283,045	53.0	7,867.9	15,276	5.4	3,949	1.4
Total	534,230	100.0	12,516.9	23,339	4.4	5,893	1.1

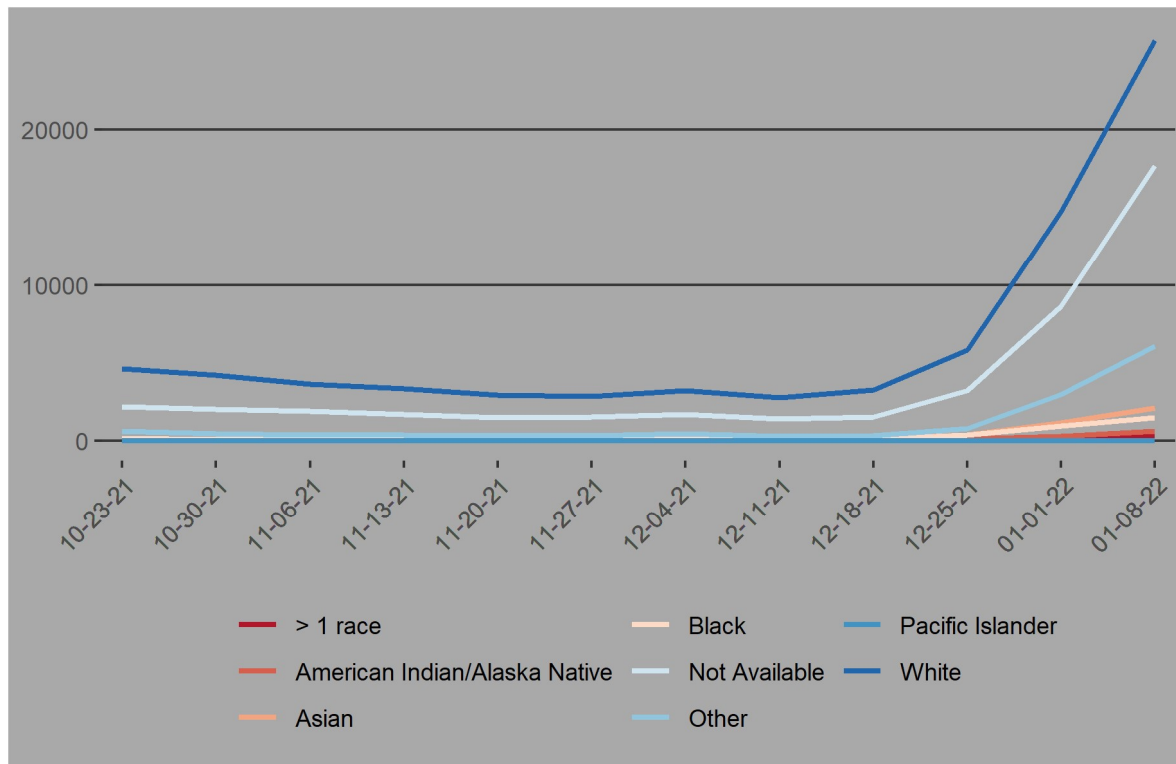
1. During the case investigation, people are asked to self-report their race, ethnicity, tribal affiliation, country of origin, or ancestry.
2. Rates are calculated using population estimates from the 2020 Annual Population Report from Portland State University's College of Urban & Public Affairs Population Research Center and 2019 housing and demographic data from the U.S. Census Bureau's American Community Survey (ACS).
3. Persons for which race information was not available were not included in these estimates. The number of persons with race data unavailable can be found in Table 3.
4. 51,635 (73.4%) of the 70,351 persons who identify as "Other" race also self-identify as Hispanic or Latino.

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Figure 10. Recent COVID-19 cases by race and week of onset

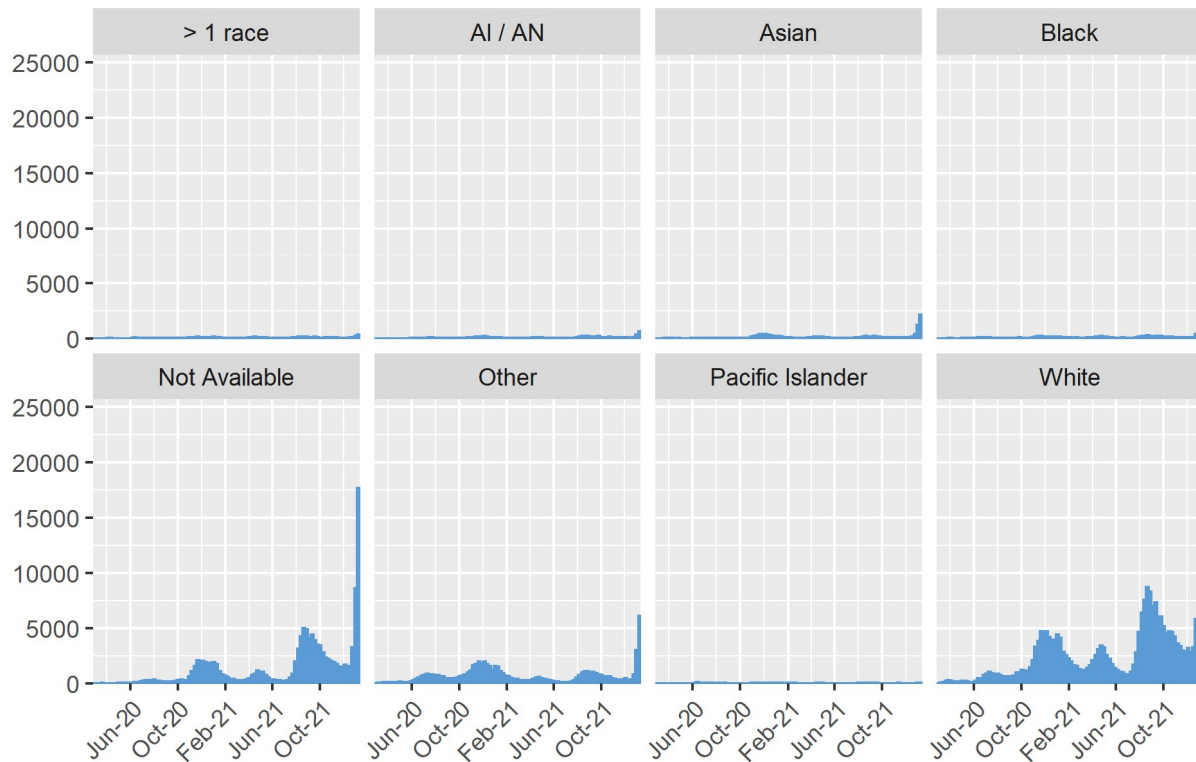


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Figure 11. All COVID-19 cases (counts) by race and week of onset

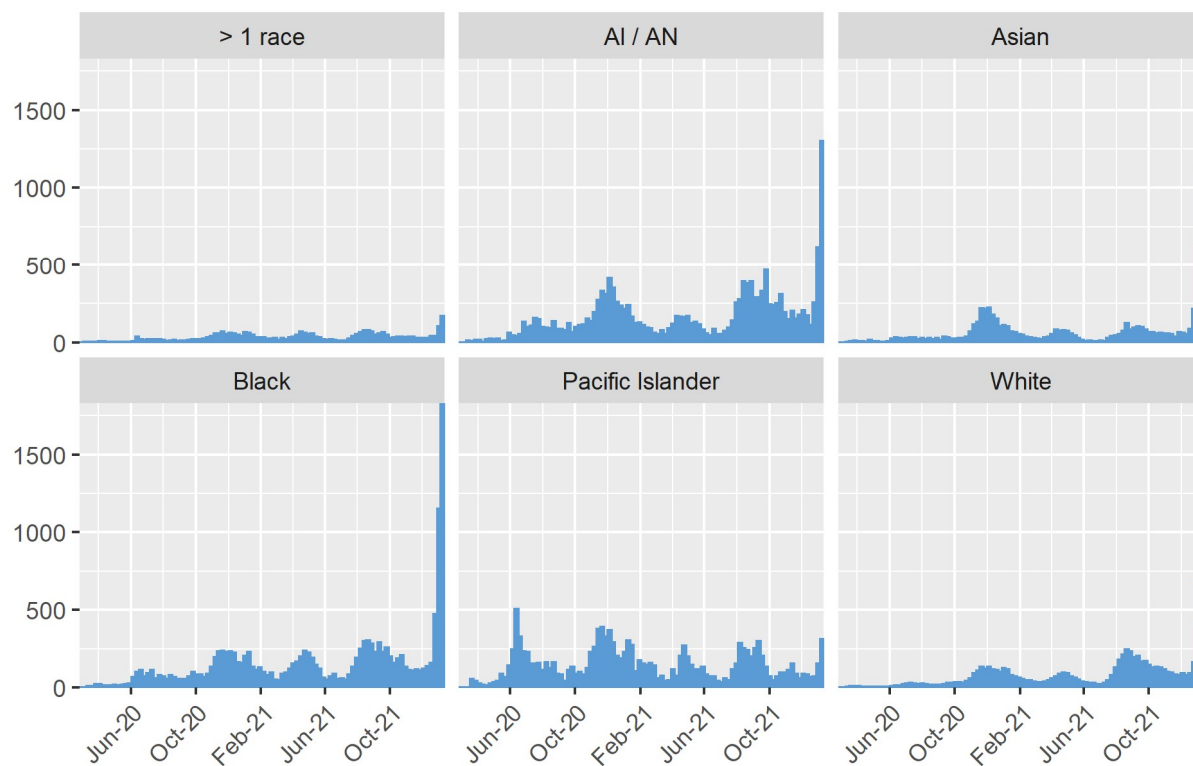


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Figure 12. All COVID-19 cases (case rates per 100,000) by race and week of onset



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Ethnicity

Table 4. Severity and rates of COVID-19 by ethnicity

Ethnicity	Cases	% of total cases	Cases per 100,000	Hospitalized	% Hospitalized	Deaths	Case fatality rate
Hispanic	78,687	14.7	14,181.7	2,926	3.7	367	0.5
Not Hispanic	269,270	50.4	7,251.7	14,573	5.4	3,539	1.3
Unknown	186,273	34.9		5,840	3.1	1,987	1.1
Total	534,230	100.0	12,516.9	23,339	4.4	5,893	1.1

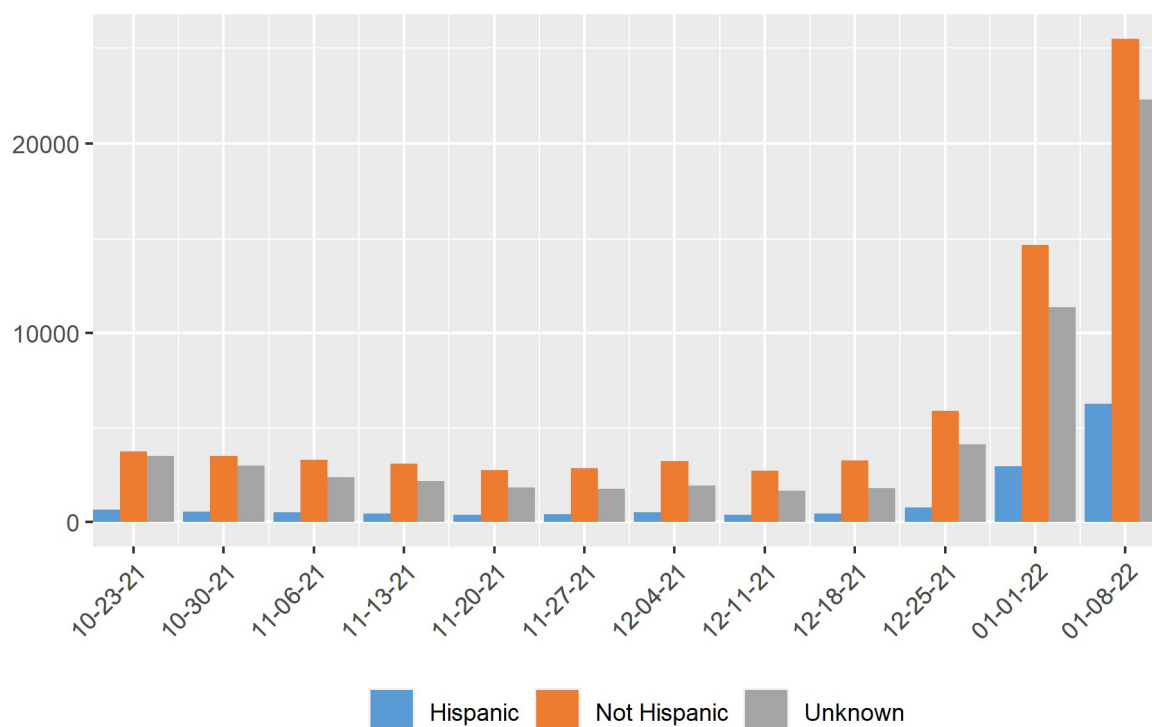
1. Rates are calculated using population estimates from the 2020 Annual Population Report from Portland State University's College of Urban & Public Affairs Population Research Center and 2019 housing and demographic data from the U.S. Census Bureau's American Community Survey (ACS).

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Figure 13. Recent COVID-19 cases by ethnicity and week of onset

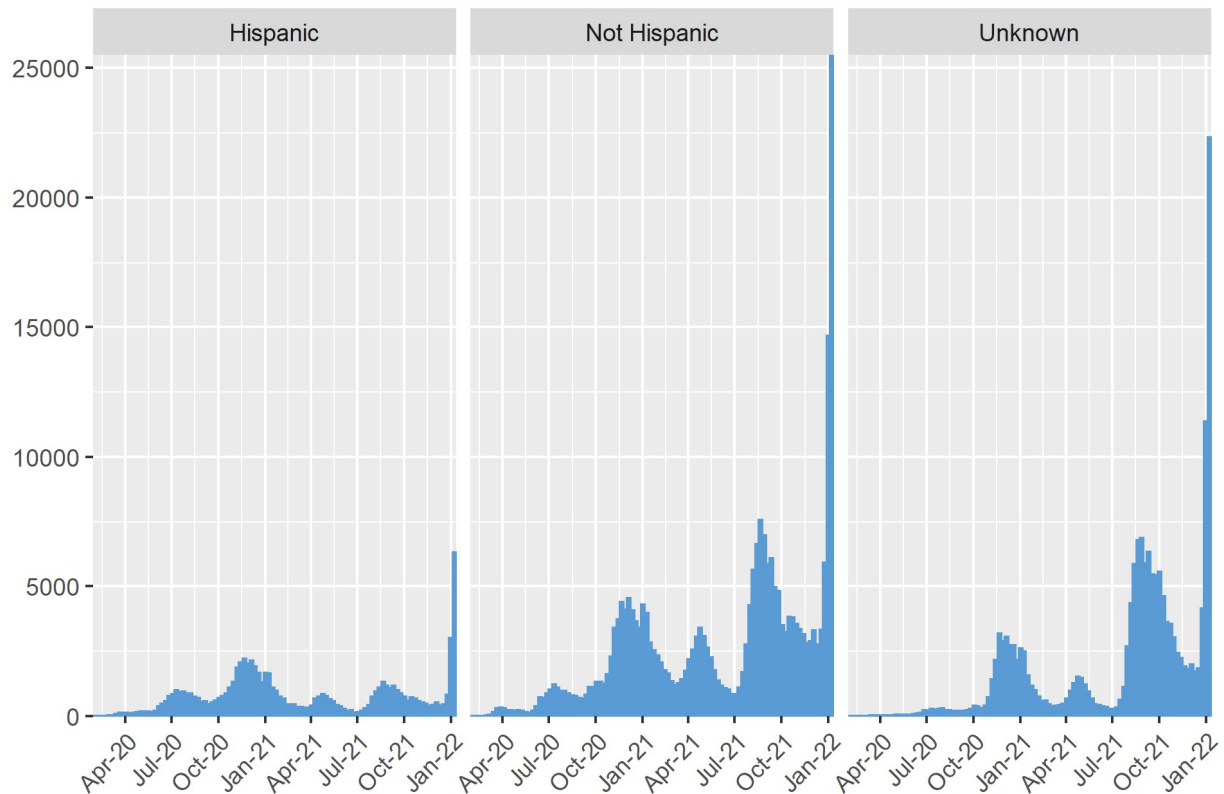


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Figure 14. All COVID-19 cases (counts) by ethnicity and week of onset

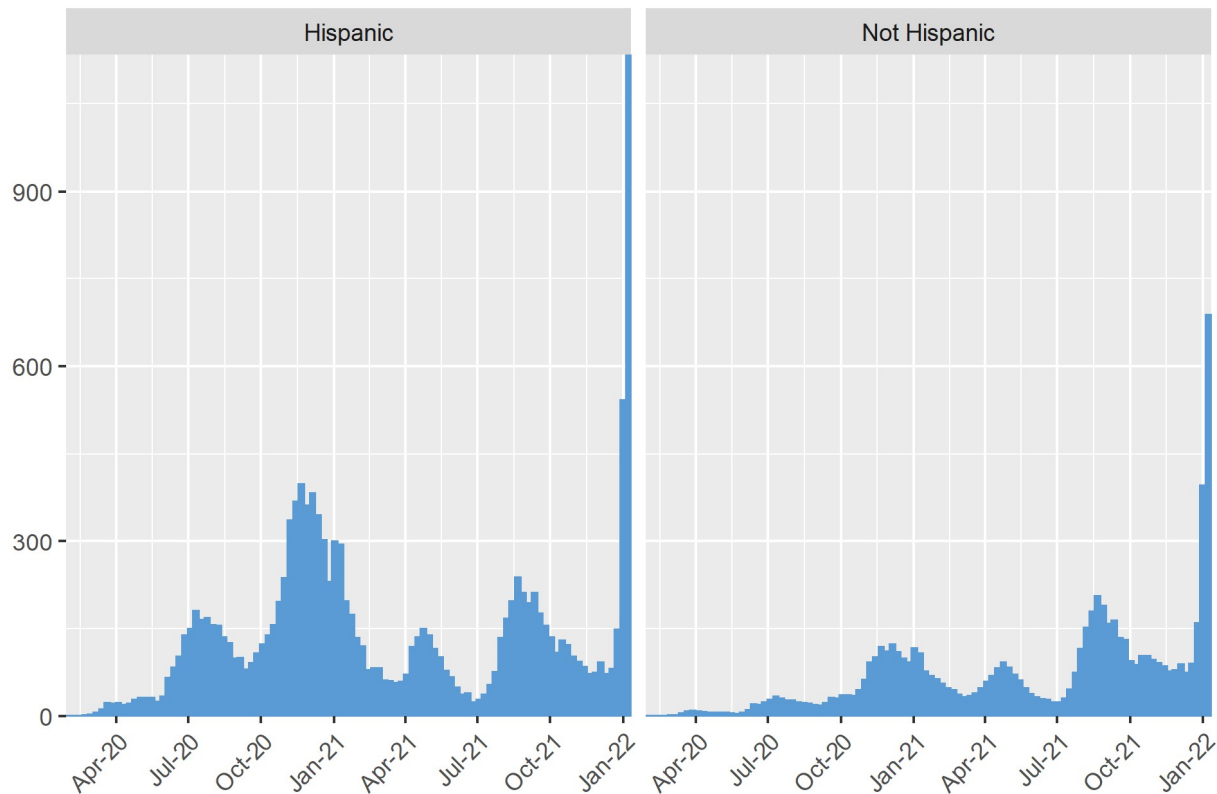


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Figure 15. All COVID-19 cases (case rates per 100,000) by ethnicity and week of onset



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Age-adjustment

Tables 5 and 6 show the ratio of age-adjusted rates of COVID-19 for cases, hospitalizations, and deaths by race and ethnicity. Each table compares the rates of cases, hospitalizations, and deaths between each group and a reference group and accounts for differences in population distributions in each group.

Table 5. Ratio of age-adjusted rates for cases, hospitalizations, and deaths by race

Age-adjusted rate ratios of cases, hospitalizations, and deaths, compared to white persons.

Race	Cases	Hospitalizations	Deaths
> 1 race	0.4	0.8	1.0
American Indian/Alaska Native	2.0	2.7	2.8
Asian	0.9	0.9	0.8
Black	1.9	3.1	2.2
Pacific Islander	1.6	4.8	4.8
White	1.0	1.0	1.0

1. During the case investigation, people are asked to self-report their race, ethnicity, tribal affiliation, country of origin, or ancestry.
2. U.S. Census Bureau; American Community Survey, 2019 American Community Survey 5-Year Estimates.
3. Persons for which race information was not available were not included in these estimates. The number of persons with race data unavailable can be found in Table 3.

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Table 6. Ratio of age-adjusted rates for cases, hospitalizations, and deaths by ethnicity

Age-adjusted rate ratios of cases, hospitalizations, and deaths, compared to non-Hispanic.

Ethnicity	Cases	Hospitalizations	Deaths
Hispanic	1.7	2.3	2.1
Non-Hispanic	1.0	1.0	1.0

1. During the case investigation, people are asked to self-report their race, ethnicity, tribal affiliation, country of origin, or ancestry.
2. U.S. Census Bureau; American Community Survey, 2019 American Community Survey 5-Year Estimates.
3. Persons for which ethnicity information was not available were not included in these estimates. The number of persons with ethnicity data unavailable can be found in Table 4.

People with Intellectual and Developmental Disabilities

As of September 26, 2021 OHA is aware of 1,407 people with intellectual or developmental disabilities who have had COVID-19 to date. This includes individuals who live in congregate settings and in family or individual homes. To date, there are 41 deaths among people with intellectual or developmental disabilities. This number is from conducting a match between the ODHS Office of Developmental Disabilities Services client list and the Oregon COVID-19 case database. OHA will update this number on a quarterly basis.

Additional information about the ODDS program and COVID-19 can be found here: <https://www.oregon.gov/dhs/SENIORS-DISABILITIES/DD/ODDS%20Resource%20Library/ODDS-Residential-COVID-19-Report.pdf>.

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ODDS data is based on self-reports from providers and case management entities and therefore may differ from testing data received from the Oregon Health Authority.

Weekly COVID-19 Hospitalizations (HOSCAP)

OHA is publishing data on the number of COVID-19 hospitalizations by hospital in the prior week; data are from HOSCAP. Maps and tables containing the 7-day average of hospitalizations by region and hospital are available online at:

<https://public.tableau.com/app/profile/oregon.health.authority.covid.19/viz/OregonCOVID-19HospitalCapacity/HospitalizationbyFacility>.

Information on Oregon's current hospital bed capacity by region is available online at:

<https://public.tableau.com/app/profile/oregon.health.authority.covid.19/viz/OregonCOVID-19HospitalCapacity/BedAvailabilitybyRegion>.

ZIP code

OHA is publishing data on cases at the ZIP code level, available online at:

<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19CasesbyZIPCode/OregonsCOVID-19CasesbyZipCode?publish=yes>.

Summary table of all zip codes available here:

<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19CasesbyZIPCode-SummaryTable/CasesbyZIPCodeSummaryTable?publish=yes>.

Document accessibility: For individuals with disabilities or individuals who speak a language other than English, OHA can provide information in alternate formats such as translations, large print, or braille. Contact the Health Information Center at 1-971-673-2411, 711 TTY or COVID19.LanguageAccess@dhsosha.state.or.us.