Oregon's Weekly Surveillance Summary



### Weekly Data Report - January 21, 2021

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### **Background**

COVID-19 Weekly Report data will be finalized every Sunday at 11 p.m. PDT, 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 17, there have been 134,468 cases of COVID-19 reported to the Oregon Health Authority. Of these, 5,165 (3.8%) are "presumptive" cases—i.e., people with COVID-19-like symptoms and close contact with a confirmed case, but who did not have a confirmatory laboratory test. Though not confirmed, presumptive cases are highly likely to have COVID-19, given their specific symptoms and known exposure. Presumptive cases are encouraged to seek testing to confirm that they do have COVID-19. Presumptive cases who test positive are recategorized as confirmed cases.

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 10–January 16<sup>1</sup> 129,723 tests for COVID-19 were performed on Oregonians; of these, 5.9% had a positive result.<sup>2</sup> This figure represents a "test-based" method, whereby all electronic lab reports received by OHA are used to calculate percent positivity.<sup>3</sup> 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/OregonHealth AuthorityCOVID-19DataDashboard/OregonsCOVID-19ELRsbyCounty

<sup>&</sup>lt;sup>1</sup> This date range aligns with CDC's "MMWR week."

<sup>&</sup>lt;sup>2</sup> Does not include antibody (serology) tests.

<sup>&</sup>lt;sup>3</sup> www.cdc.gov/coronavirus/2019-ncov/lab/resources/calculating-percent-positivity.html

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#### **Weekly Report Summary**

During Monday, January 11, through Sunday, January 17, 2021, OHA recorded 7,860 new cases of COVID-19 infection—a 4% decrease from last week's total. Three hundred thirty-two Oregonians were newly hospitalized this week with COVID-19 (an average of 47 per day), down 7% from last week's 357. One hundred ninety-five Oregonians died in association with COVID-19—the highest weekly toll recorded in Oregon to date. Of the 134,468 cases reported in Oregon since the start of the pandemic, 1,808 have died—a case-fatality rate of 1.3%. Recent data on mortality in Oregon, including deaths related to COVID-19, are available at https://public.tableau.com/profile/oha.center.for.health.statistics.

Persons of Hispanic ethnicity have been disproportionately affected by COVID-19: they account for 13% of Oregon's population but 36% of cases of known ethnicity reported to date. By age, the incidence of reported infection has been highest in persons 20–49 years of age, who make up 39% of Oregon's population but 54% of reported cases. Persons <30 years of age make up 37% of Oregon's population and have accounted for 36% of reported cases but only 8.3% of hospitalizations and 4 deaths, including this past week the first in an Oregonian <20 years of age. Hospitalization and death rates increase with age. Although only 3.9% of Oregonians are 80 years of age or older, they have accounted for 952 (53%) of COVID-19-associated deaths; 1,394 (77%) of the deaths have been among Oregonians 70 years of age or older. The proportion of cases classified as "sporadic"—i.e., with unknown source—has risen from about one-third of cases in July through September to more than half of cases in recent weeks. 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 indicators of COVID-19 transmission, 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.

### **Epidemiologic links**

The figures below show the epidemiologic link of COVID-19 cases. Public health classifies all cases as part of a household, part of an outbreak, part of a cluster, a close contact of another

Data are provisional and subject to change.

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case, or sporadic. Sporadic indicates that a case was not linked to a known source of COVID-19. Lower numbers of sporadic cases suggest lower community spread of COVID-19. Figure 1 focuses on recent cases of COVID-19, and allows for the easy comparison of different types of epidemiologic link. Figure 2 includes all COVID-19 cases, showing the pattern of epidemiologic links since the first cases were identified in Oregon. Figures 3 and 4 show sporadic cases by race, and figures 5 and 6 show sporadic cases by ethnicity. Looking at the data by race and ethnicity helps public health to identify disparities.

#### **Epidemiologic link designations:**

- Sporadic<sup>4</sup> Cases who do not have known exposure to another case or outbreak.
- Outbreak: Cases who have a shared, defined exposure with at least one other case. For example, a defined exposure could be an event, a workplace, a congregate facility, etc.
- Cluster: Cases who had contact with another case, but the exposure is not well defined. For example, cases from two households who interacted many times prior to illness onset.
- Household: Cases who were exposed to another case in their household.
- Close contact: Cases who were exposed to another case, not in their household. This designation was added on 7/15.

<sup>&</sup>lt;sup>4</sup> Due to the lag between case reporting and case investigation, the proportion of cases categorized as sporadic is high in the most recent week or more; some of these cases will be recategorized after investigation is completed.



Figure 1. Epidemiologic link of recent COVID-19 cases by week of onset

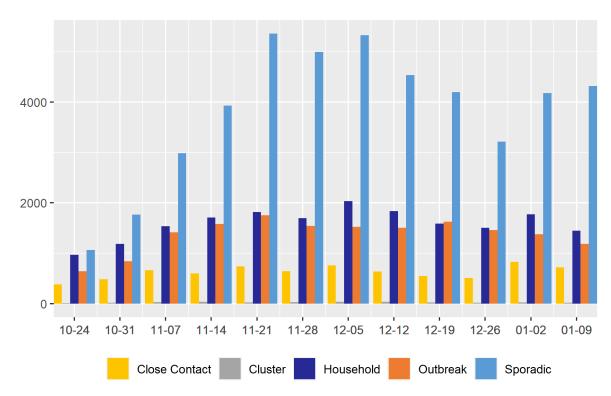




Figure 2. Epidemiologic link of all COVID-19 cases by week of onset

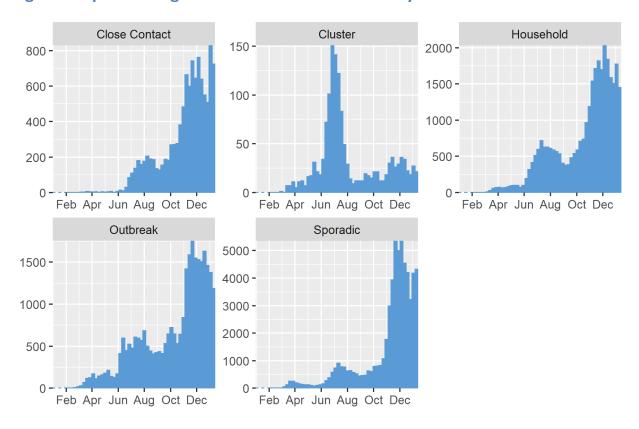




Figure 3. Recent sporadic COVID-19 cases by race and week of onset

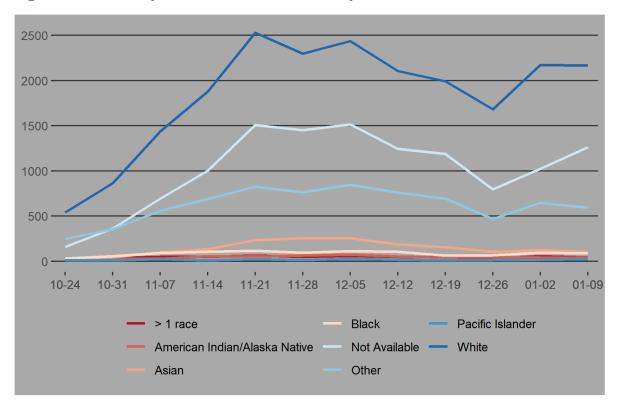




Figure 4. All sporadic COVD-19 cases by race and week of onset

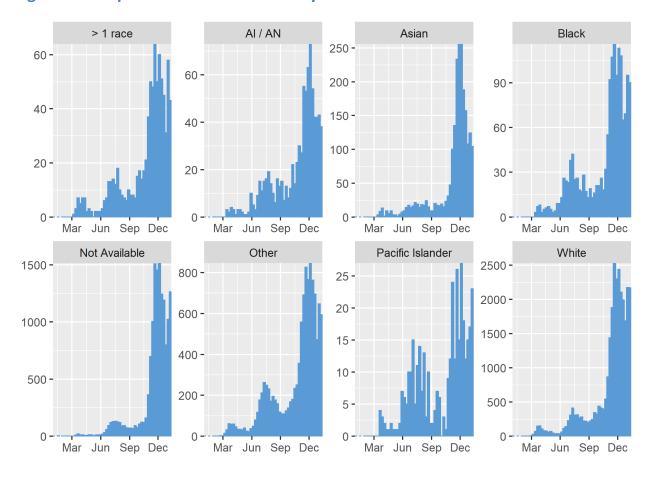
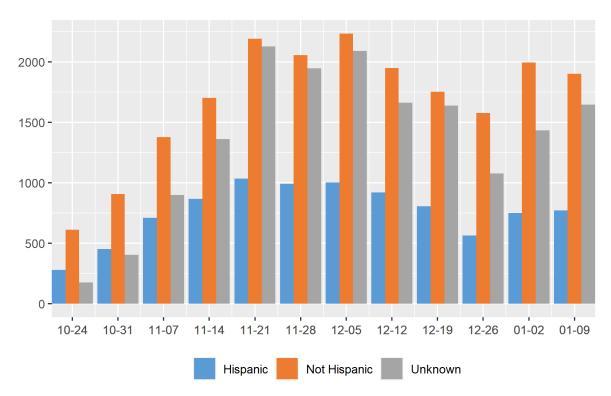




Figure 5. Recent sporadic COVID-19 cases by ethnicity and week of onset



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Hispanic Not Hispanic Unknown 1000 -2000 2000 -750 -1500 -1500 -500 -1000 -1000 -250 -500 -500 -Feb Apr Jun Aug Oct Dec Feb Apr Jun Aug Oct Dec Feb Apr Jun Aug Oct Dec

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

### **Clinical symptoms and reported risk factors**

Figure 7 provides information on signs and symptoms from all COVID-19 cases. Of 134,468 cases, 81,427 (60.6%) reported having signs and symptoms of COVID-19. The most commonly reported symptoms are cough (n=47,430, 35.3%) and headache (n=40,378, 30%). Figure 8 provides information on the percentage of COVID-19 cases that report symptoms over time. Figure 9 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=71,437, 53.1%) and having underlying medical conditions (n=75,333, 56%). 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 7. Reported signs and symptoms for all COVID-19 cases

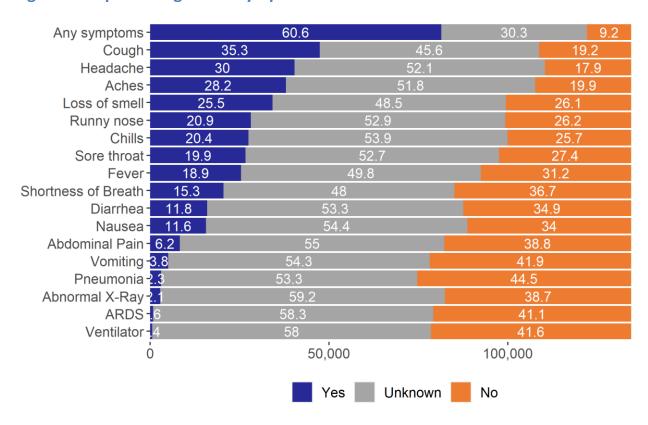
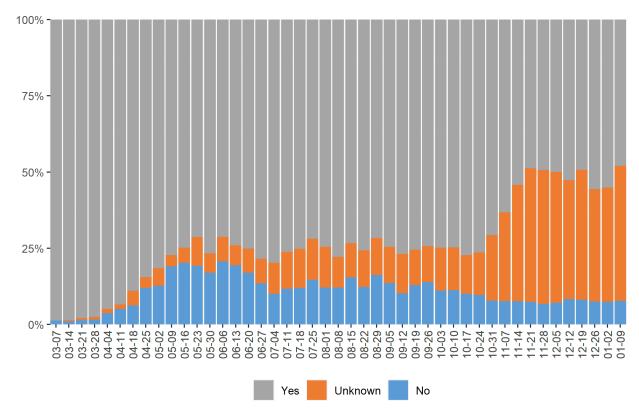




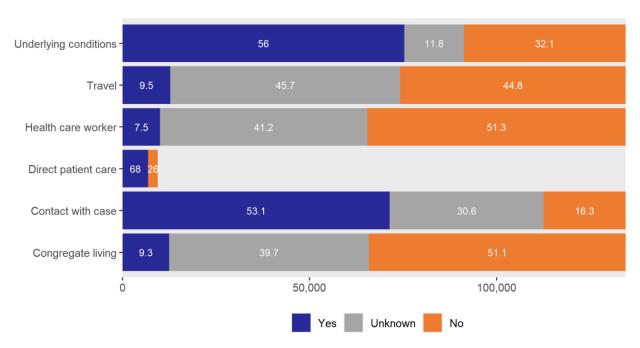
Figure 8. Reported symptoms among all COVID-19 cases by week of onset



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Figure 9. 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, race and

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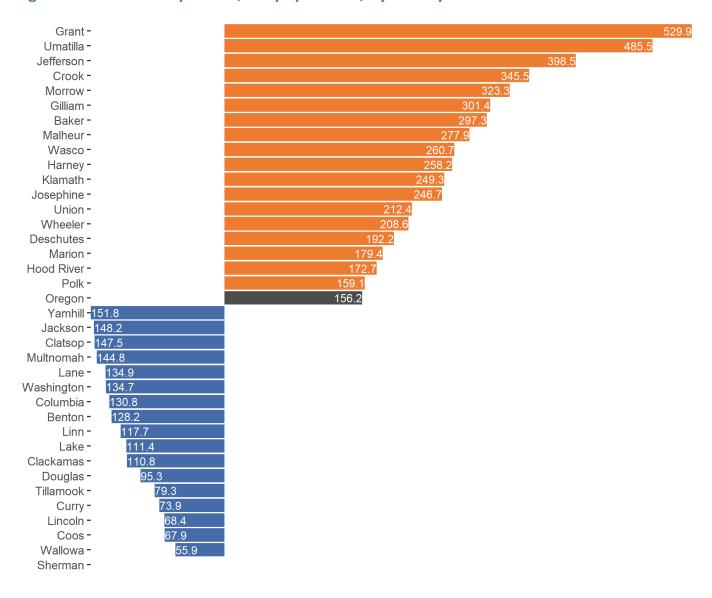
ethnicity. The figures show cases over time, by week of onset, for sex, age, race, and ethnicity. Figure 10 displays case rates by county, in comparison to the case rate for all of Oregon.

#### **Geography**

The following figure shows case rates by county for the most recently completed MMWR week, which is currently January 10, 2021 to January 16, 2021. Cases are displayed using the date that the case became known to public health.



Figure 10. Case rates per 100,000 population, by county



- 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.

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#### 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	68,812	51.2	3,200	3,435	5.0	853	1.2
Male	64,403	47.9	3,088	3,854	6.0	949	1.5
Non-Binary	9	0.0		0	0.0	0	0.0
Not Available	1,244	0.9		35	2.8	6	0.5
Total	134,468	100.0	3,174	7,324	5.4	1,808	1.3

<sup>1.</sup> Population data were compiled from the 2019 Annual Oregon Population Report, which is produced by the Population Research Center, Portland State University



Figure 11. Recent COVID-19 cases by sex and week of onset

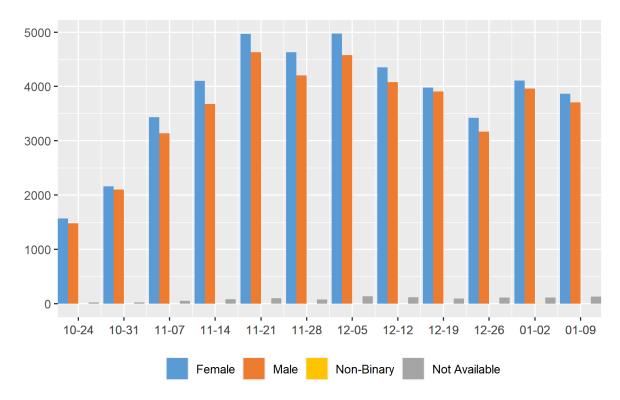
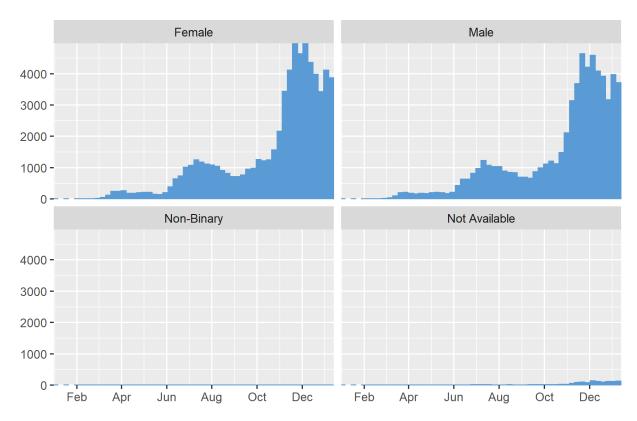




Figure 12. All COVID-19 cases by sex and week of onset



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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	6,920	5.1	1,442	69	1.0	0	0.0
10-19	13,667	10.2	2,751	102	0.7	1	0.0
20-29	28,301	21.0	5,097	439	1.6	3	0.0
30-39	23,647	17.6	4,085	528	2.2	16	0.1
40-49	21,031	15.6	3,870	743	3.5	32	0.2
50-59	17,283	12.9	3,230	1,073	6.2	114	0.7
60-69	11,444	8.5	2,122	1,395	12.2	248	2.2
70-79	6,762	5.0	1,988	1,492	22.1	442	6.5
80+	5,083	3.8	3,032	1,461	28.7	952	18.7
Not Available	330	0.2		22	6.7	0	0.0
Total	134,468	100.0	3,174	7,324	5.4	1,808	1.3

<sup>1.</sup> Population data were compiled from the 2019 Annual Oregon Population Report, which is produced by the Population Research Center, Portland State University



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

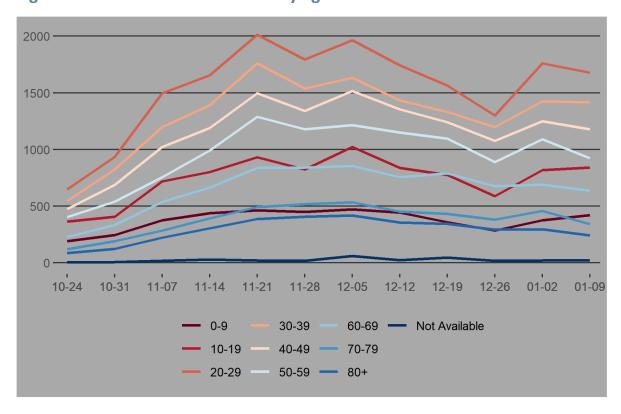




Figure 14. All COVID-19 cases (counts) by age and week of onset

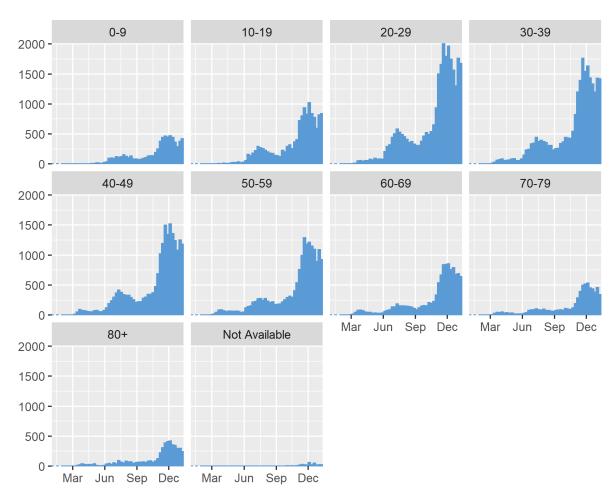
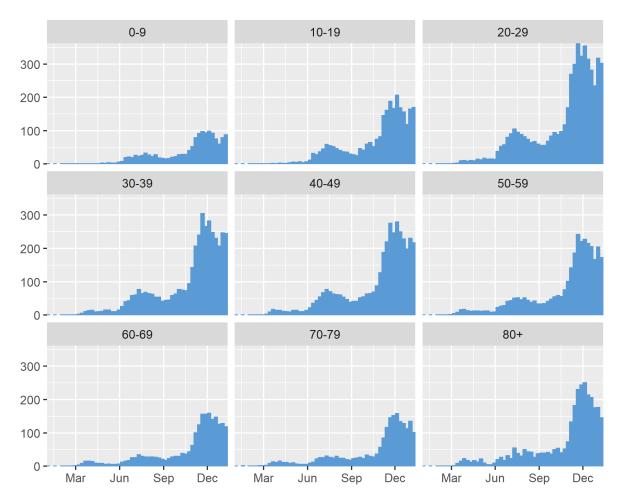




Figure 15. All COVID-19 cases (case rate per 100,000) by age and week of onset



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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	2,143	1.6	1,066	132	6.2	37	1.7
American Indian/Alaska Native	2,417	1.8	4,959	195	8.1	33	1.4
Asian	4,250	3.2	2,347	271	6.4	55	1.3
Black	3,255	2.4	4,032	233	7.2	39	1.2
Not Available	25,627	19.1		656	2.6	295	1.2
Other	31,974	23.8	24,243	1,333	4.2	144	0.5
Pacific Islander	1,213	0.9	7,302	129	10.6	17	1.4
White	63,589	47.3	1,778	4,375	6.9	1,188	1.9
Total	134,468	100.0	3,174	7,324	5.4	1,808	1.3

- 1. During the case investigation, people are asked to self-report their race, ethnicity, tribal affiliation, country of origin, or ancestry.
- 2. National Center for Health Statistics (NCHS). Estimates of the resident population of the U.S. by year, county, age, bridged race, Hispanic origin, and sex (Vintage 2018).
- 3. Census Bureau Population Estimates: U.S. Census bureau, Population Division, Annual Estimates of the Resident Population by Age, Sex, Race, and Hispanic Origin for counties (Vintage 2018)
- 4. 29281 (91.6%) of the 31974 persons who identify as "Other" race also self-identify as Hispanic or Latino.



Figure 16. Recent COVID-19 cases by race and week of onset

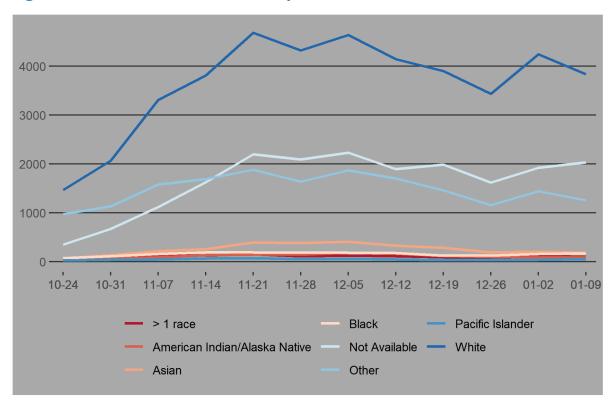
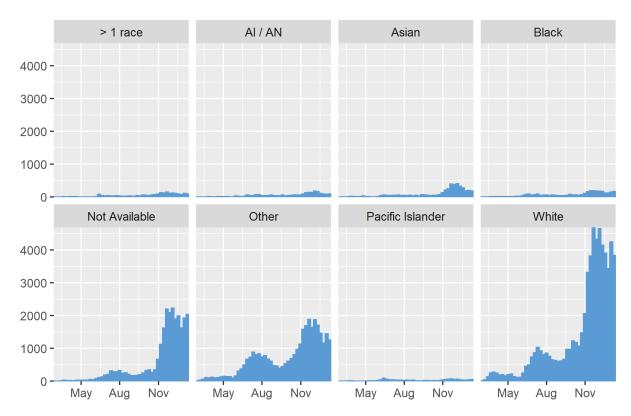




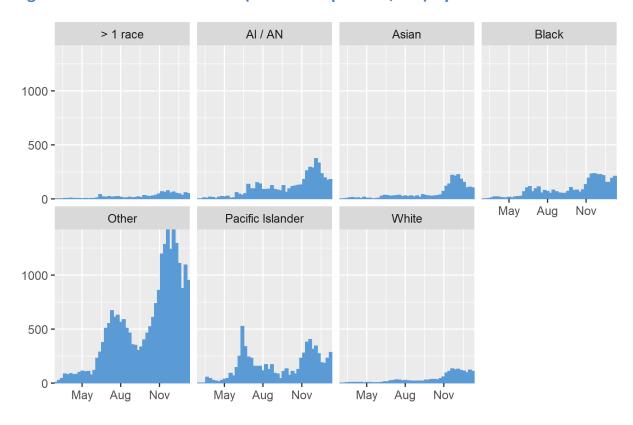
Figure 17. All COVID-19 cases (counts) by race and week of onset



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Figure 18. All COVID-19 cases (case rates per 100,000) by race and week of onset



### **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
Hispanic	36,273	27	6,670	1,523	4.2	170	0.5
Not Hispanic	64,930	48	1,758	4,485	6.9	1,144	1.8
Unknown	33,265	25		1,316	4.0	494	1.5
Total	134,468	100	3,174	7,324	5.4	1,808	1.3

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1. National Center for Health Statistics (NCHS). Estimates of the resident population of the US by year, county, age, bridged race, Hispanic origin, and sex (Vintage 2018). 2) Census Bureau Population Estimates: U.S. Census bureau, Population Division, Annual Estimates of the Resident Population by Age, Sex, Race, and Hispanic Origin for counties (Vintage 2018)

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

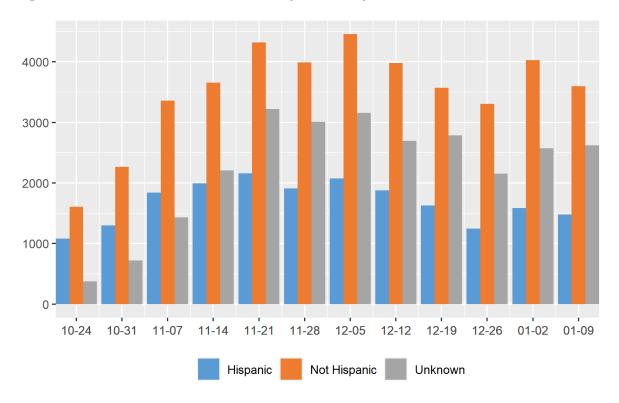
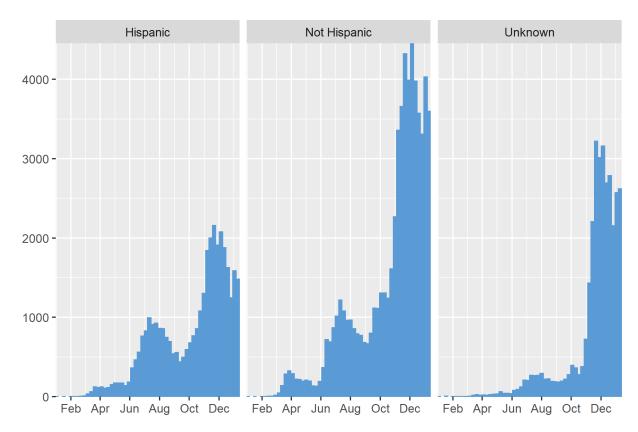




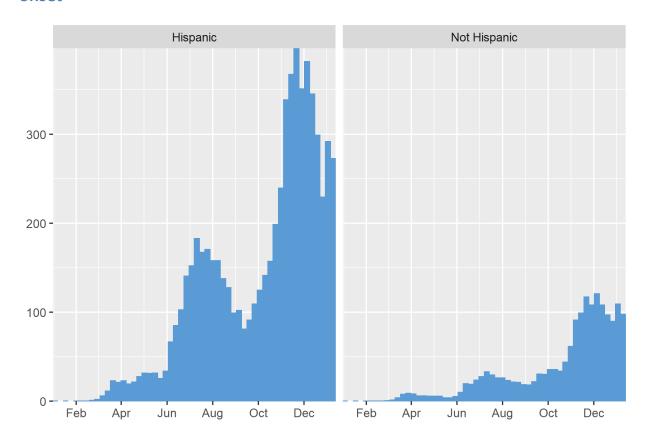
Figure 20. All COVID-19 cases by ethnicity (counts) and week of onset



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Figure 21. All COVID-19 cases by ethnicity (case rates per 100,000) and week of onset



### Follow-up

Figure 18 shows the percentage of cases that were called within 24 hours of being reported to public health by race. Figure 19 shows the percentage of cases that were called within 24 hours of being reported to public health by ethnicity. Figure 20 shows the percentage of cases that were interviewed, by race. Figure 21 shows the percentage of cases that were interviewed, by ethnicity. Race and ethnicity data are collected when cases are interviewed. Race and ethnicity data for cases that were not interviewed are abstracted from laboratory reports and medical records if it is available. The orange line in figures 18 and 19 represents the state metric for timely follow up for all cases: 95%.



Figure 22. Follow up attempted within 24 hours, % by race

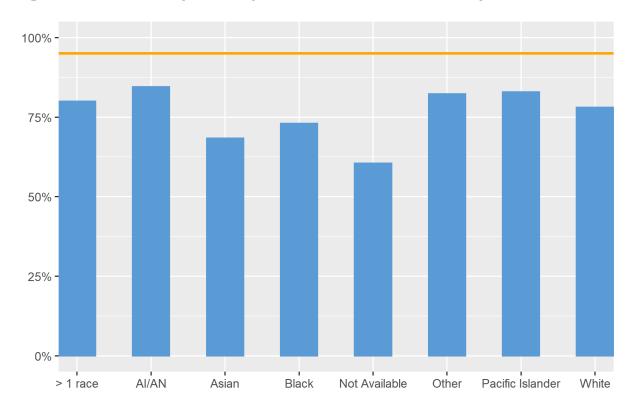




Figure 23. Follow up attempted within 24 hours, % by ethnicity

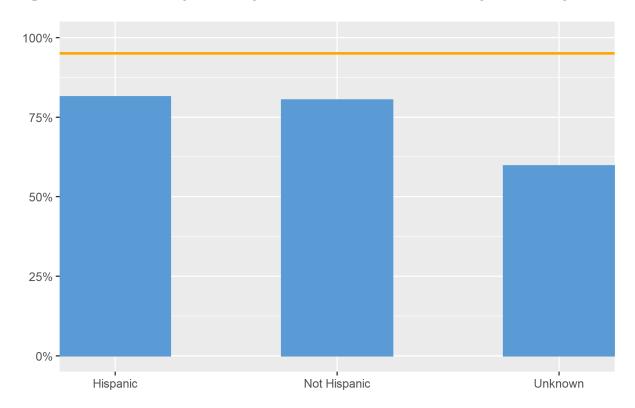




Figure 24. Cases interviewed, by race

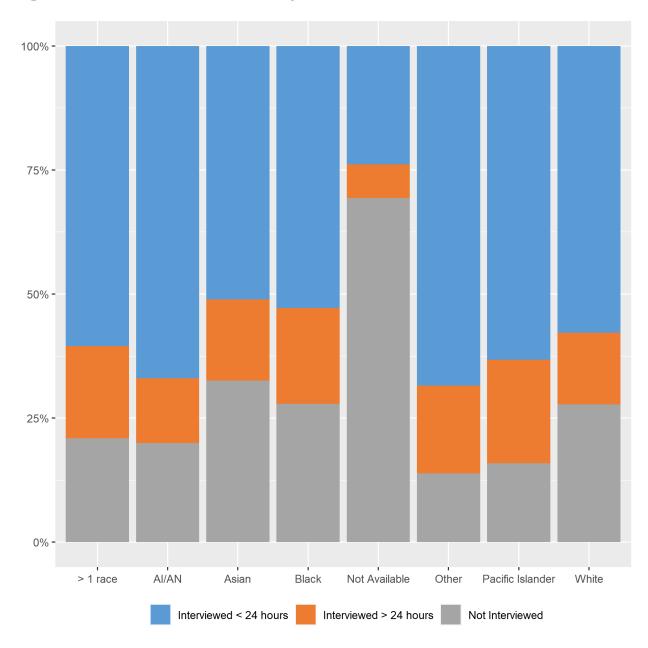
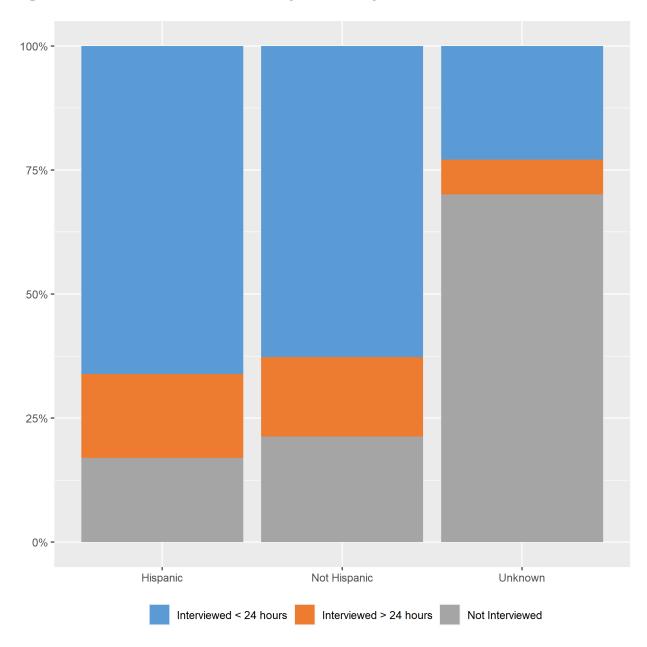




Figure 25. Cases interviewed, by ethnicity



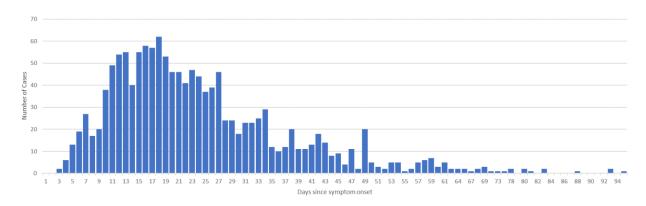
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#### **Recovery**

OHA staff periodically call people with reported COVID-19 who experienced fever, cough, shortness of breath or diarrhea and were initially interviewed before May 1, when OHA changed its definition of recovery, to inquire about resolution of symptoms. This group includes 1,884 people who were all diagnosed before mid-April and have not succumbed to their illness. Among these, 1,682 (88.8%) are considered to have recovered, and a recovery date is available for 1,387 people; their time to recovery is depicted in Figure 15. Of these 1,884 people, 16 (0.8%), have not yet recovered; and recovery status is not available for 186 (9.8%). People are assumed to have recovered three days after resolution of all symptoms. The median time to recovery among non-hospitalized symptomatic cases is 20 days (interquartile range: 15–29 days); among symptomatic cases who were hospitalized it is 26 days (interquartile range: 18–37 days).

Figure 26. Time to recovery among symptomatic people with COVID-19



#### Notes about recovery data:

- Recovery definition: three days after reported resolution of diarrhea, cough, shortness of breath and fever.
- Inclusion criteria: cases who were interviewed about their date of recovery before a change in recovery definition on May 1
- Data for 1,387 cases are included
- This was last updated on 9/16; Data will be updated again as new information is available.

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#### **People with Intellectual and Developmental Disabilities**

As of January 4, OHA is aware of 637 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 19 deaths associated with 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

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. Table 5 lists all hospitals which, at some time during the week reported, had 10 or more suspected/confirmed COVID-19 patients. The left column shows the highest number of suspected and confirmed COVID-19 hospitalized patients for each hospital between 1/11/2021 and 1/18/2021. The right column shows the highest number of confirmed COVID-19 patients hospitalized during the same time period.

Table 5. Hospitals reporting 10 or more COVID-19 patients.

Hospital	Maximum Patients (both suspected and confirmed)	Maximum Patients (confirmed only)
Salem Health Hospital	65	53
St. Charles Bend	47	46
Providence Portland Medical Center	43	42
Providence St. Vincent Medical Center	39	36
Asante Rogue Regional Medical Center	30	22

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Hospital	Maximum Patients (both suspected and confirmed)	Maximum Patients (confirmed only)
Kaiser Permanente Sunnyside Medical Center	25	25
Adventist Health Portland	23	21
Hillsboro Medical Center	22	12
PeaceHealth Sacred Heart MC at Riverbend	21	21
OHSU Hospital	19	14
Legacy Emanuel Medical Center	18	18
Legacy Meridian Park Hospital	17	14
Sky Lakes Medical Center	16	16
Good Samaritan Regional Medical Center	16	<10
Legacy Mount Hood Medical Center	14	12
Asante Three Rivers Medical Center	13	13
McKenzie-Willamette Medical Center	12	<10
Asante Ashland Community Hospital	10	10
Kaiser Permanente Westside Medical Center	10	10
Mercy Medical Center	10	10
Providence Medford Medical Center	10	<10

The hospitals listed in Table 6 reported 1–9 suspected or confirmed COVID-19 patients 1/11/2021 through 1/18/2021. Hospitals not listed in either table did not report any suspected or confirmed patients during the week.

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### Table 6. Hospitals reporting 1–9 COVID-19 patients.

Hospital
Adventist Health Tillamook
Bay Area Hospital
Columbia Memorial Hospital
Good Shepherd Health Care System
Grande Ronde Hospital
Harney District Hospital
Lake District Hospital
Legacy Good Samaritan Medical Center
Legacy Silverton Medical Center
Mid-Columbia Medical Center
OHSU Doernbecher Children's Hospital
Providence Hood River Memorial Hospital
Providence Milwaukie Hospital
Providence Willamette Falls Medical Center
Randall Children's Hospital at Legacy Emanuel
Samaritan Albany General Hospital
Samaritan Lebanon Community Hospital
Samaritan North Lincoln Hospital
Samaritan Pacific Communities Hospital
Santiam Hospital
St. Alphonsus Medical Center - Ontario
St. Anthony Hospital
VA Portland Health Care System

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Hospital	
Willamette Valley Medical Center	

#### **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@dhsoha.state.or.us.