

COVID-19 Weekly Report

Oregon's Weekly Surveillance Summary
Novel Coronavirus (COVID-19)



Oregon Public Health Division

Published December 16, 2020

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, December 13, there have been 95,010 cases of COVID-19 reported to the Oregon Health Authority. Of these, 4,058 (4.3%) 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 December 6–December 12* 149,243 tests for COVID-19 were performed on Oregonians; of these, 7.4% had a positive result.† This figure represents a “test-based” method, whereby all electronic lab reports received by OHA are used to calculate percent positivity.§ 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/COVID-19EPICases?:display_count=y&:toolbar=n&:origin=viz_share_link&:showShareOptions=false

Weekly Report Summary

During Monday, December 7 through Sunday, December 13, OHA recorded 9,222 new cases of COVID-19 infection—an 11% drop from last week's tally. This drop was in the context of a 13% decrease in testing and the proportion of tests that were positive falling from 8.1% to 7.4%. Four hundred ninety-one Oregonians were hospitalized with COVID-19 during the week, compared to 494 the previous week. One hundred sixteen Oregonians died in

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

† Does not include antibody (serology) tests.

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

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association with COVID-19—down from 133 the previous week. In all, 1,161 of the 95,010 cases reported to date in Oregon have died in association with COVID-19; the case-fatality rate has held steady at 1.2% for several weeks. 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 38% 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 55% of reported cases. Persons <30 years of age make up 37% of Oregon's population and have accounted for 37% of reported cases but only 8.8% of hospitalizations and 2 deaths. Hospitalization and death rates increase with age. Although only 3.9% of Oregonians are 80 years of age or older, they account for 596 (51%) of COVID-19-associated deaths; 883 (76%) of the deaths are among Oregonians 70 years of age or older. Additional data are available at

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

Clinical Characteristics, Risk Factors and Demographic Characteristics

Figure 1 shows the number of cases reported by week of onset and epidemiologic link. Figure 2 shows the number of sporadic cases reported by week of onset and race. Figure 3 shows the number of sporadic cases reported by week of onset and ethnicity. Figure 4 provides information on signs and symptoms from all COVID-19 cases. Of 95,010 cases, 59,240 (62.4%) reported having signs and symptoms of COVID-19. The most commonly reported symptoms are cough (n=36,409, 38.3%) and headache (n=32,309, 34.0%). Figure 3 provides information on the percentage of COVID-19 cases that report symptoms. Figure 4 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=51,855, 54.6%) and having underlying medical conditions (n=51,373, 54.1%). 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.

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

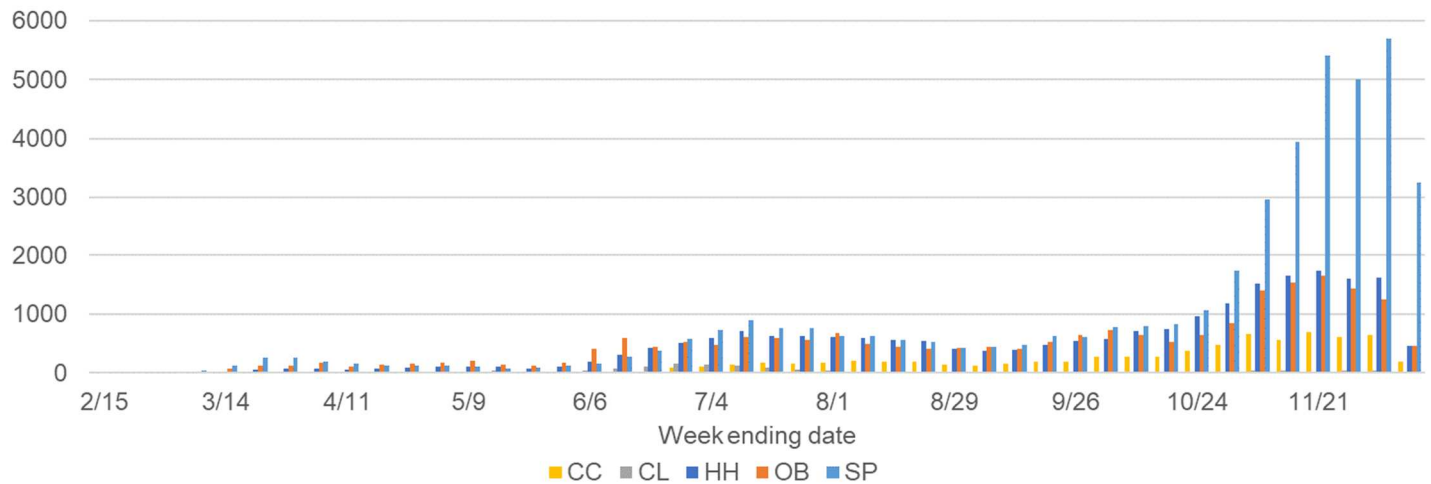


Figure 2. Sporadic case by race and week of onset

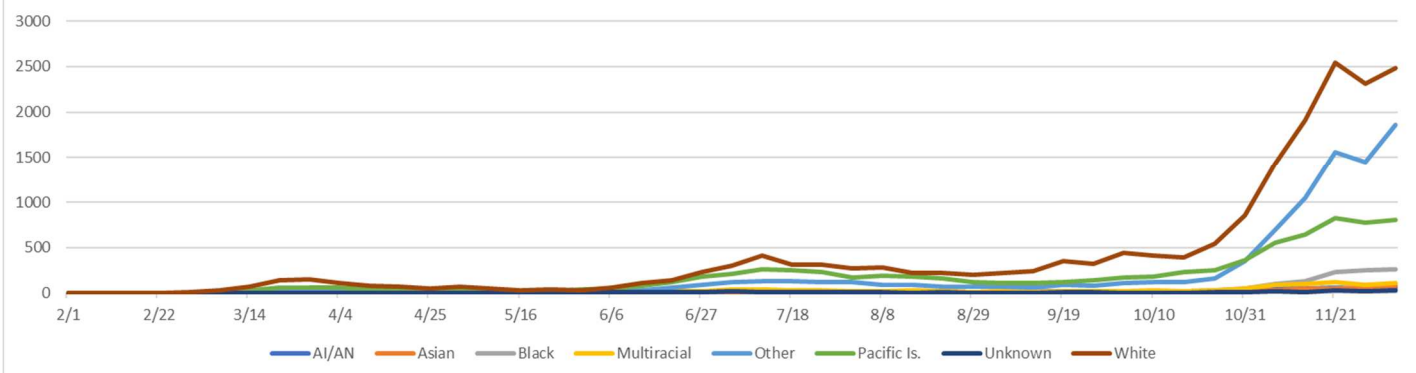
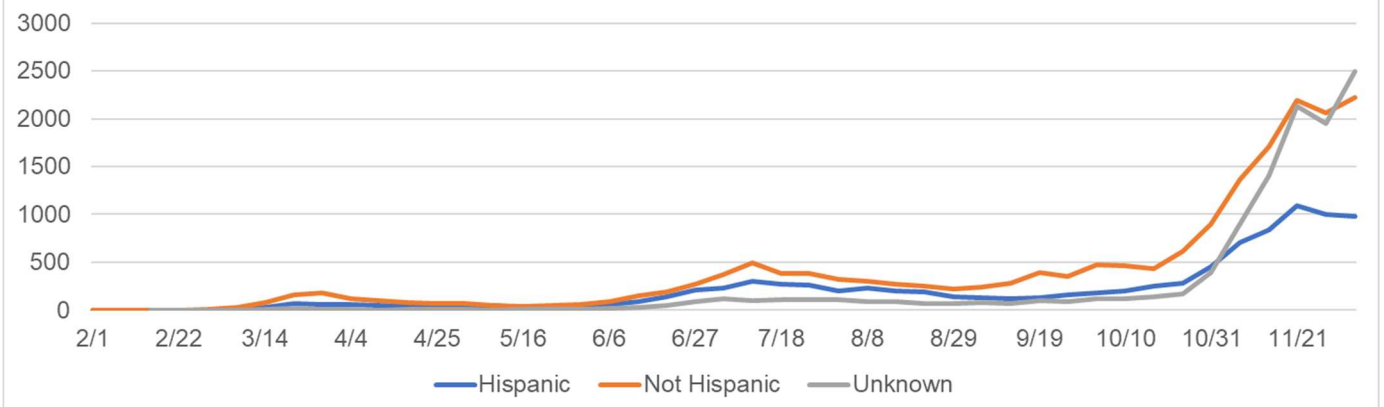


Figure 3. Sporadic cases by week of onset and ethnicity



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Epidemiologic link designations

Sporadic: 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.

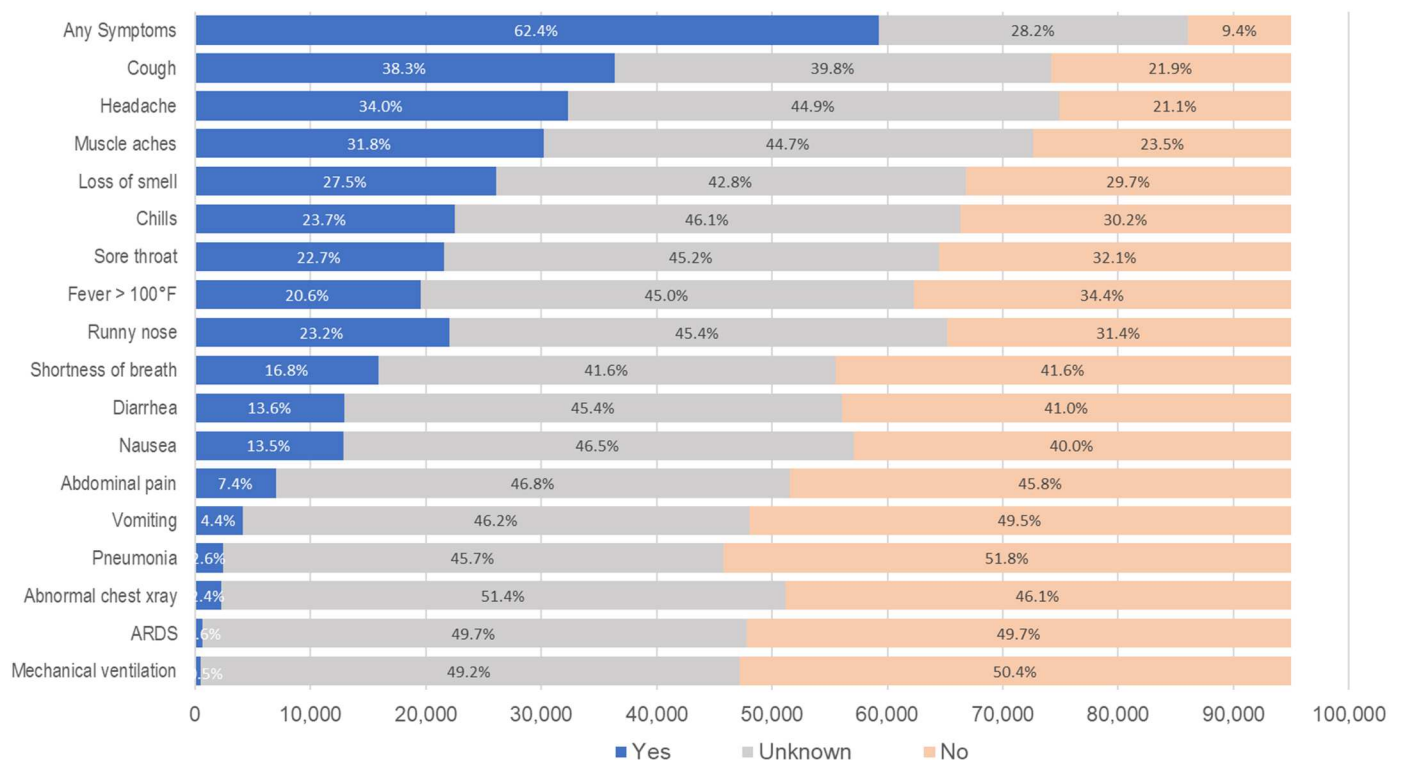
Cluster: Cases who had contact with another case, but the exposure is not well defined. For example, cases from two households who interacted many times prior to illness onset.

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.

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 4. Reported signs and symptoms for all COVID-19 cases



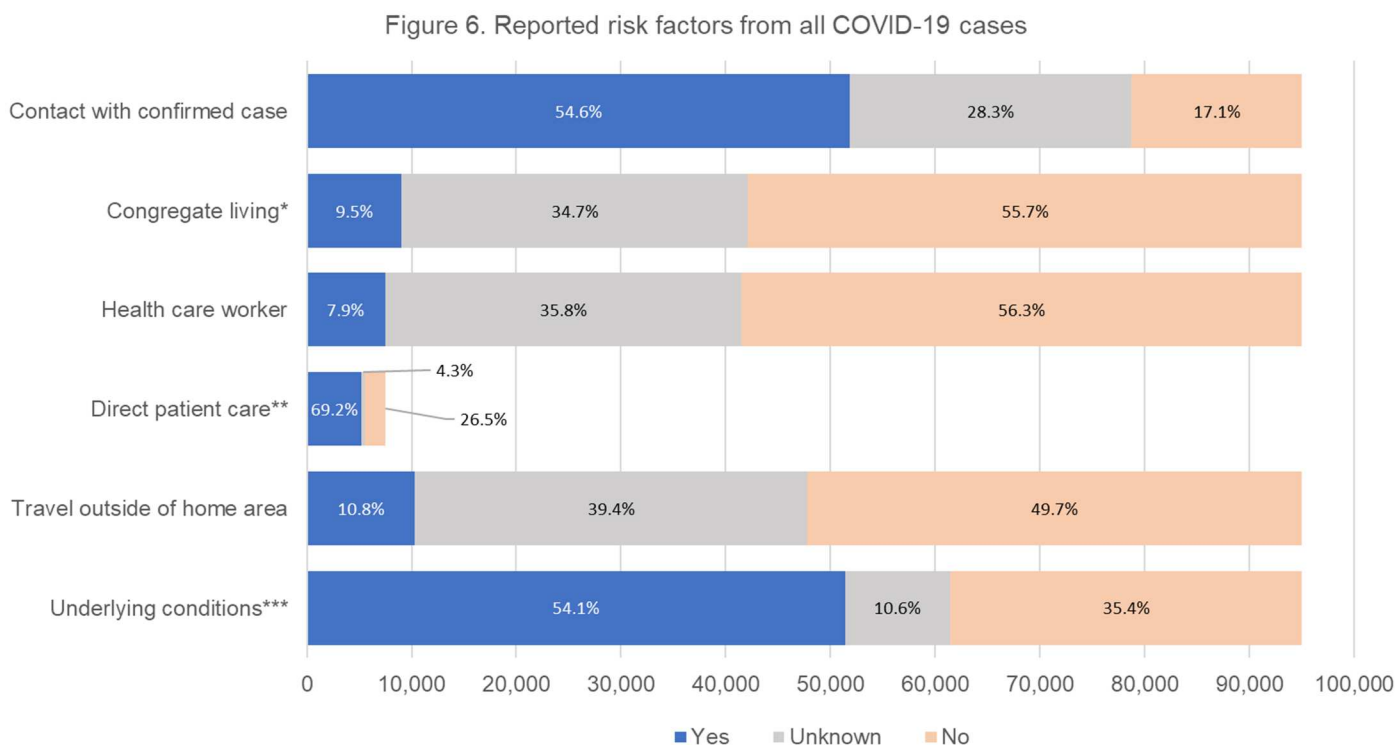
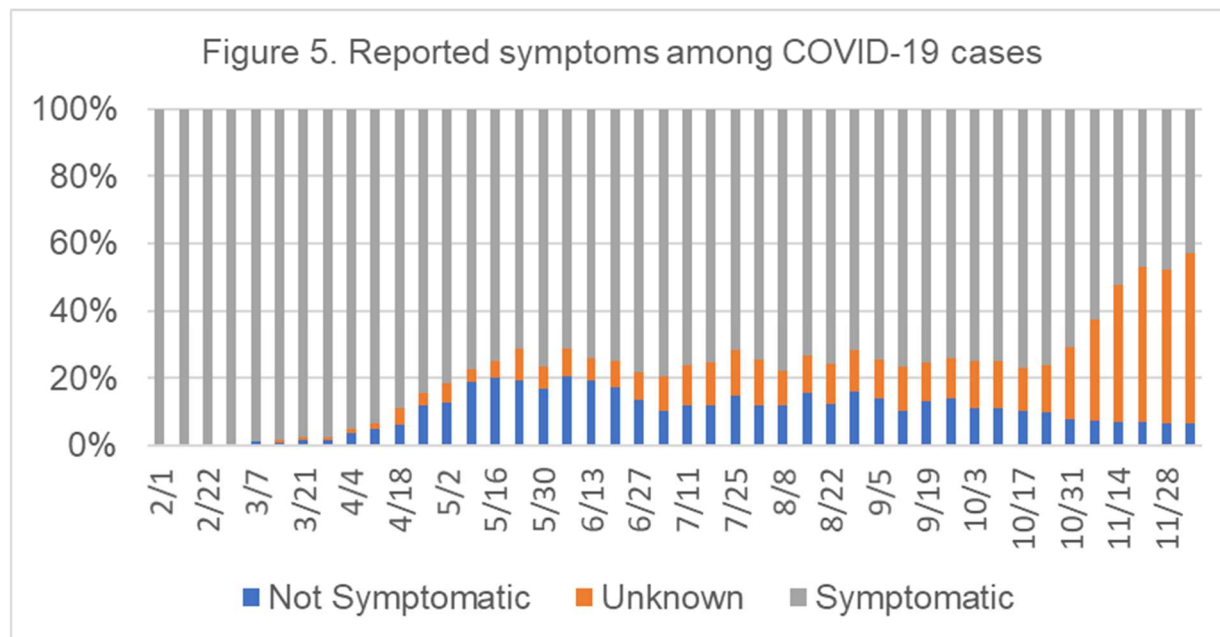
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*Congregate living situations include, but are not limited to, long-term care facilities, group

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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.

The following tables show the demographic characteristics for all COVID-19 cases. Tables 1 and 2 show case counts and severity by demographic categories. Figures 7 and 8 show the case demographic distribution by week of onset. Tables 3 and 4 show race and ethnicity, respectively. Figures 9 and 10 show race and ethnicity by week of onset, respectively.

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

Sex	Cases	% of total cases	Cases per 100,000 ^a	Hospitalized	% Hospitalized	Deaths	Case fatality
Female	48,979	51.6	2,277	2,578	5.3	523	1.1
Male	45,309	47.7	2,172	2,900	6.4	636	1.4
Non-Binary	6	0.0		0	0.0	0	0.0
Unknown	716	0.8		25	3.5	2	0.3
Total	95,010	100.0	2,243	5,503	5.8	1,161	1.2

^a Population data were compiled from the 2019 Annual Oregon Population Report, which is produced by the Population Research Center, Portland State University

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

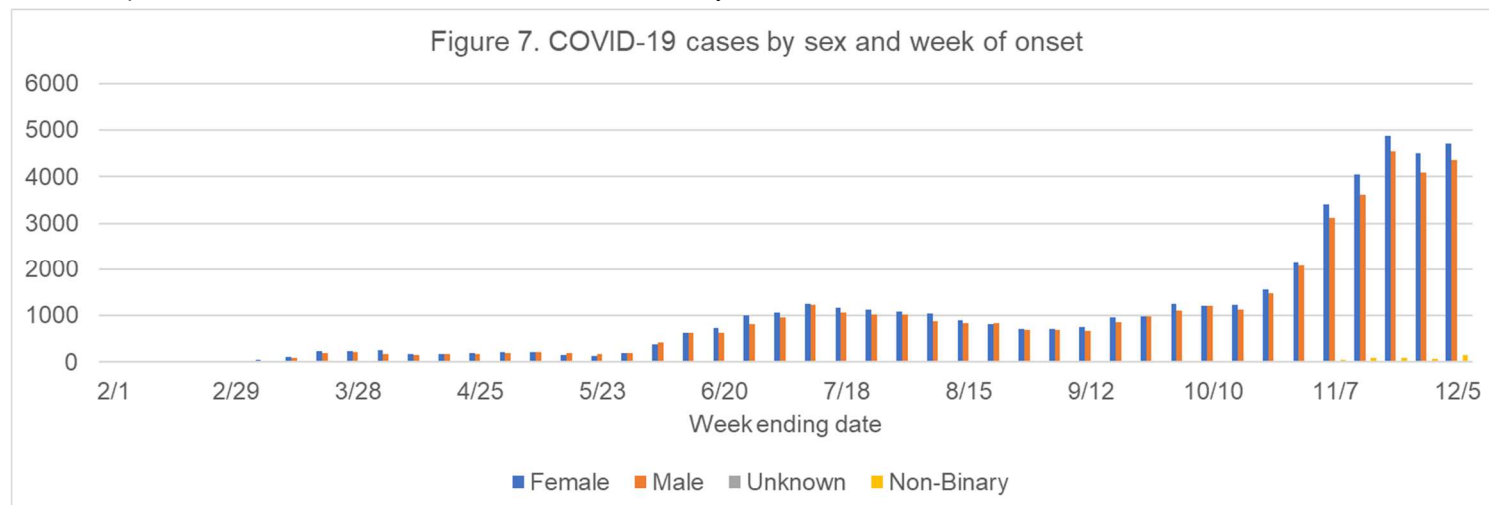


Table 2. Severity and rates of COVID-19 by age group

Data are provisional and subject to change.

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Age group	Cases	% of total cases	Cases per 100,000 ^a	Hospitalized	% Hospitalized	Deaths	Case fatality
0-9	5,017	5.3	1,045	59	1.2	0	0.0
10-19	9,668	10.2	1,946	80	0.8	0	0.0
20-29	20,223	21.3	3,642	344	1.7	2	0.0
30-39	16,844	17.7	2,910	427	2.5	11	0.1
40-49	14,870	15.7	2,737	583	3.9	22	0.1
50-59	12,084	12.7	2,258	807	6.7	72	0.6
60-69	7,856	8.3	1,456	1,035	13.2	171	2.2
70-79	4,647	4.9	1,366	1,094	23.5	287	6.2
80+	3,588	3.8	2,140	1,048	29.2	596	16.6
Not available	213	0.2		26	12.2	0	0.0
Total	95,010	100.0	2,243	5,503	5.8	1,161	1.2

^aPopulation data were compiled from the 2019 Annual Oregon Population Report, which is produced by the Population Research Center, Portland State University

Figure 8. COVID-19 cases by age group and week of onset

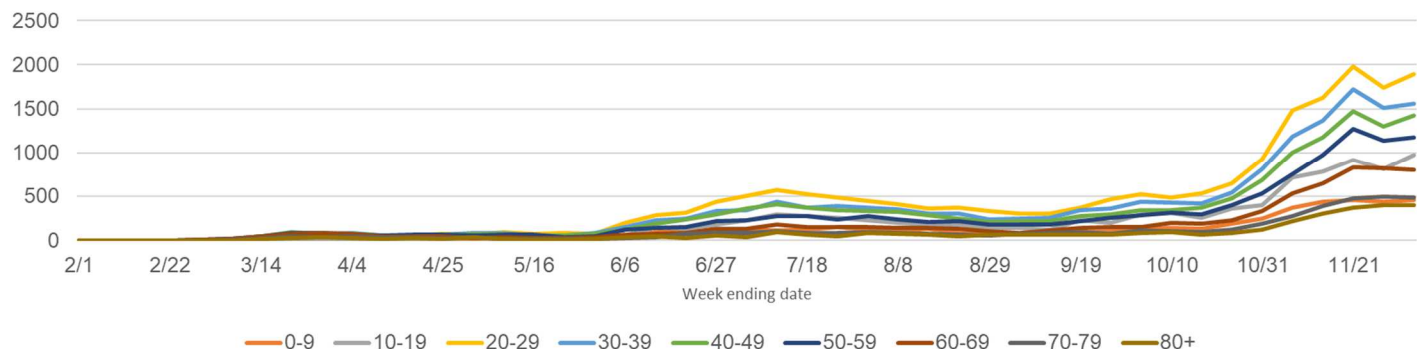


Table 3. Severity and rates of COVID-19 by race^a

Race	Cases	% of total cases	Cases per 100,000 ^b	Hospitalized	% Hospitalized	Deaths	Case fatality
> 1 race	1,615	1.7	804	98	6.1	29	1.8
American Indian/Alaska Native	1,891	2.0	3,880	148	7.8	19	1.0
Asian	3,114	3.3	1,719	201	6.5	30	1.0
Black	2,478	2.6	3,069	187	7.5	30	1.2
Other	16,726	17.6		440	2.6	150	0.9
Pacific Islander	24,554	25.8	18,617	1,079	4.4	112	0.5
Unknown	1,004	1.1	6,044	108	10.8	13	1.3

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White	43,628	45.9	1,220	3,242	7.4	778	1.8
Total	95,010	100.0	2,243	5,503	5.8	1,161	1.2

^aDuring the case investigation, people are asked to self-report their race, ethnicity, tribal affiliation, country of origin, or ancestry.

^bNational 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). 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)

^c15,505 (96.8%) of the 16,014 persons who identify as "Other" race also self-identify as Hispanic or Latino.

Figure 9. COVID-19 cases by race and week of onset

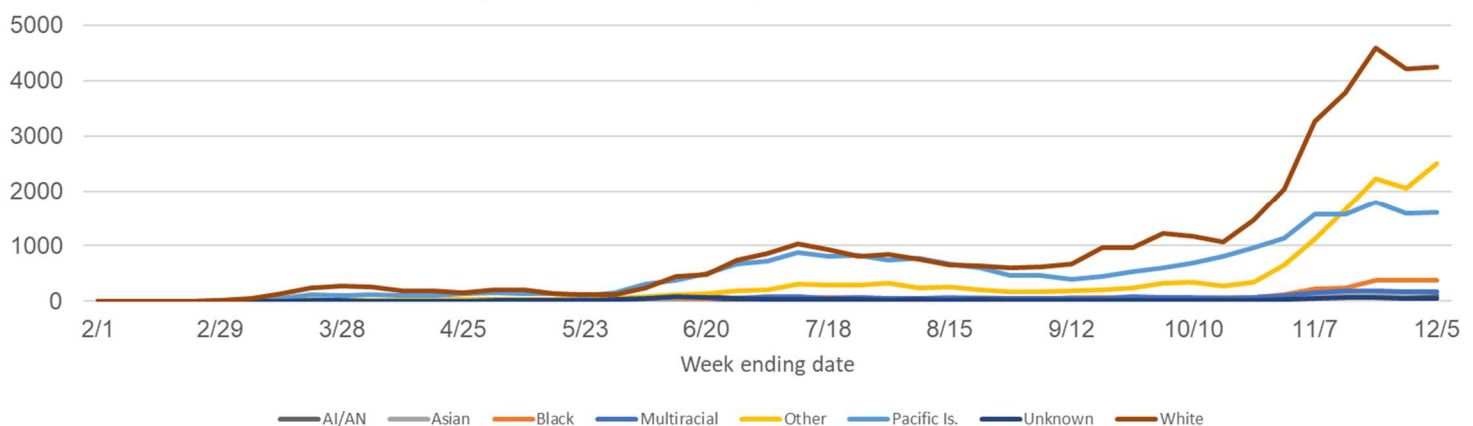


Table 4. Severity and rates of COVID-19 by ethnicity

Ethnicity	Case count	% of total cases	Cases per 100,000 ^a	Hospitalized	% Hospitalized	Deaths	Case fatality
Hispanic	28,248	30	5,195	1,252	4.4	136	0.5
Not Hispanic	45,730	48	1,238	3,375	7.4	761	1.7
Unknown	21,032	22		876	4.2	264	1.3
Total	95,010	100	2,243	5,503	5.8	1,161	1.2

^aNational 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)

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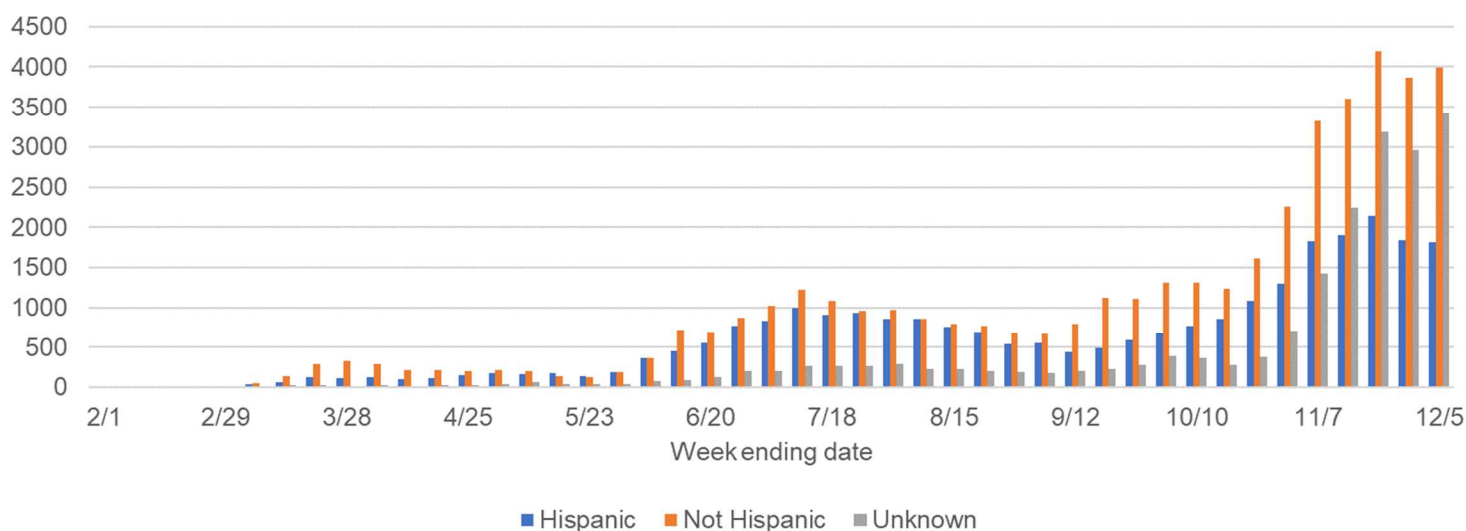
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Figure 10. COVID-19 cases by ethnicity and week of onset



Follow-up

Figure 11 shows the percentage of cases that were called within 24 hours of being reported to public health by race. Figure 12 shows the percentage of cases that were called within 24 hours of being reported to public health by ethnicity. Figure 13 shows the percentage of cases that were interviewed, by race. Figure 14 shows the percentage of cases that were interviewed, by ethnicity.

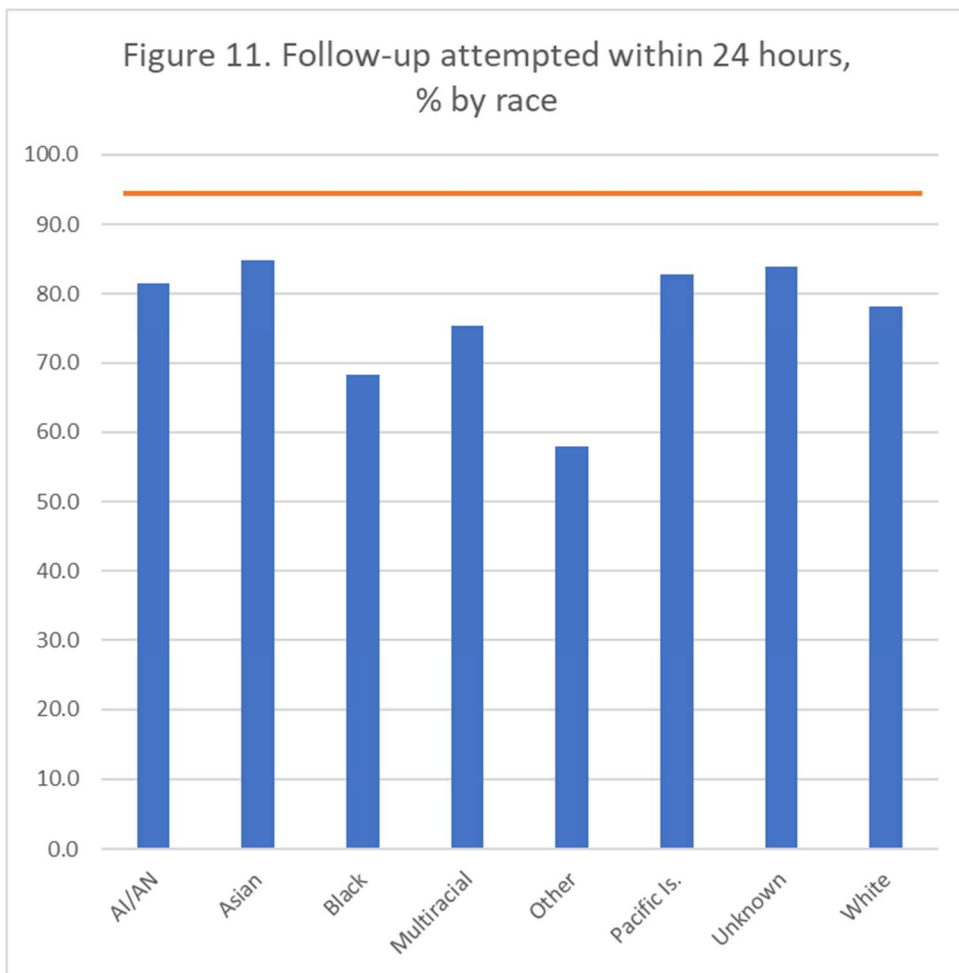
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^a Race and ethnicity data are collected when cases are interviewed. Race and ethnicity data for cases that were not interviewed are abstracted from laboratory reports and medical records if it is available.

^b The orange line represents the state metric for timely follow up for all cases: 95%.

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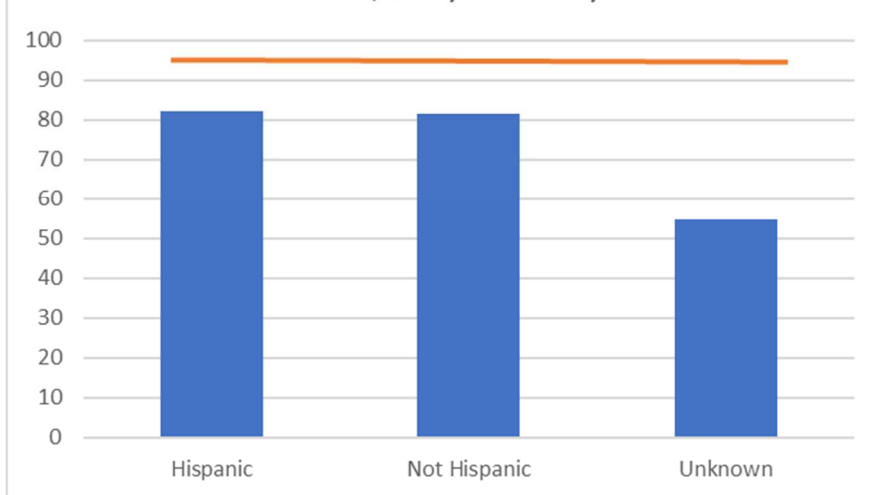
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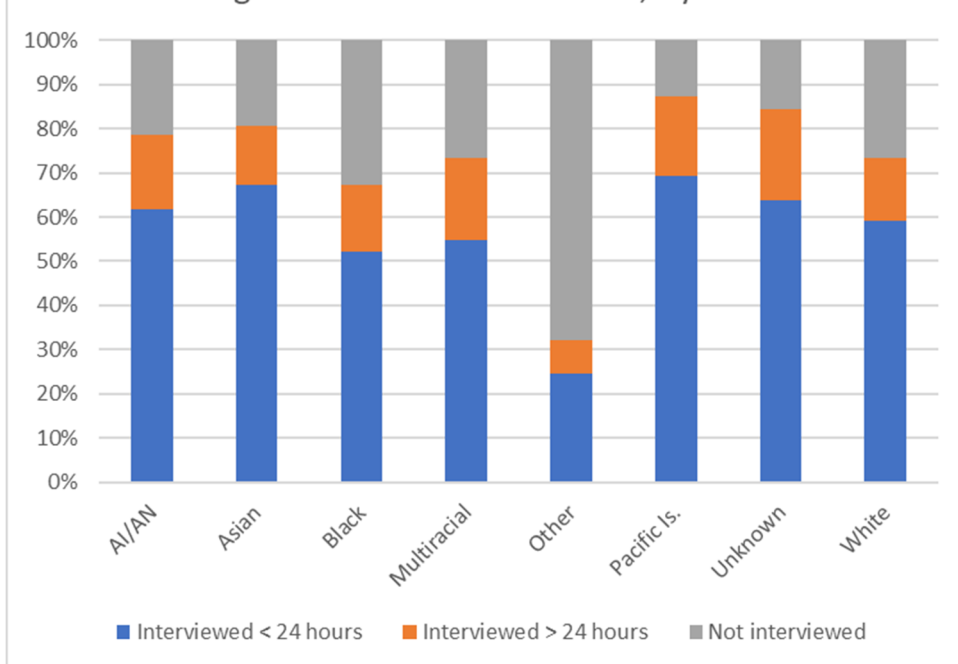
Figure 12. Follow-up attempted within 24 hours, % by ethnicity



^a 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.

^b The orange line represents the state metric for timely follow up for all cases: 95%.

Figure 13. Cases interviewed, by race



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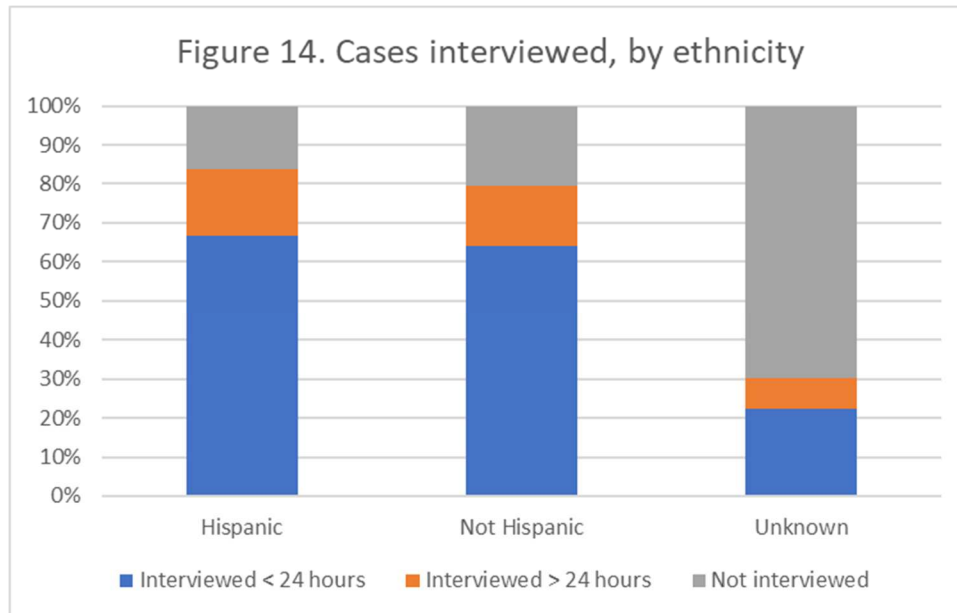
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Recovery

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).

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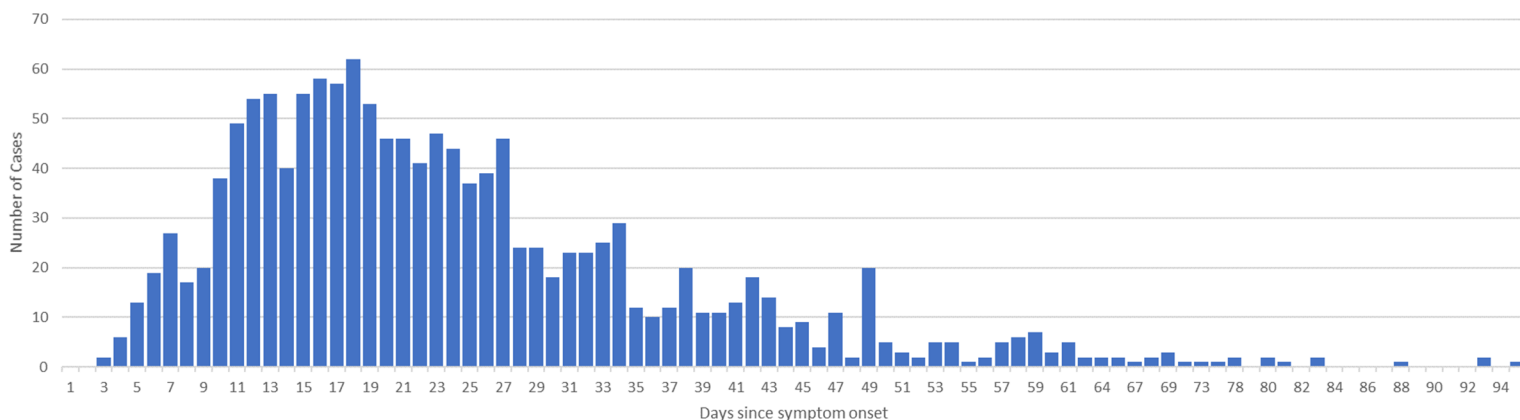
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Figure 15. Time to recovery* among symptomatic people** with confirmed COVID-19 (n=1,387)



*Three days after reported resolution of diarrhea, cough, shortness of breath and fever.

** Includes cases who were interviewed about their date of recovery before a change in recovery definition on May

*** This was last updated on 9/16; Data will be updated again as new information is available.

People with Intellectual and Developmental Disabilities

OHA is aware of 219 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 5 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

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

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highest number of suspected and confirmed COVID-19 hospitalized patients for each hospital between 12/07/2020 and 12/13/2020. 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 (Suspected and confirmed)	Maximum Patients (Confirmed only)
Salem Health Hospital	84	79
Providence Portland Medical Center	61	59
St. Charles Bend	49	49
Providence St. Vincent Medical Center	47	45
Asante Rogue Regional Medical Center	42	27
PeaceHealth Sacred Heart MC at Riverbend	29	29
Legacy Mount Hood Medical Center	29	24
OHSU Hospital	29	22
Kaiser Permanente Sunnyside Medical Center	27	27
Legacy Emanuel Medical Center	25	24
Kaiser Permanente Westside Medical Center	23	24
Hillsboro Medical Center	21	17
McKenzie-Willamette Medical Center	20	20
Legacy Meridian Park Hospital	20	15
Mercy Medical Center	19	19
Sky Lakes Medical Center	19	19
Legacy Good Samaritan Medical Center	19	12
Adventist Health Portland	18	17
Providence Medford Medical Center	17	12
Asante Three Rivers Medical Center	16	16
Good Samaritan Regional Medical Center	16	11
VA Portland Health Care System	15	15
Asante Ashland Community Hospital	15	14

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The hospitals listed in Table 6 reported 1–9 suspected or confirmed COVID-19 patients 12/07/2020 and 12/13/2020. Hospitals not listed in either table did not report any suspected or confirmed patients during the week.

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

Hospital
Adventist Health Tillamook
Bay Area Hospital
Columbia Memorial Hospital
Curry General Hospital
Good Shepherd Health Care System
Grande Ronde Hospital
Lake District Hospital
Legacy Silverton Medical Center
Mid-Columbia Medical Center
OHSU Doernbecher Children's Hospital
Providence Hood River Memorial Hospital
Providence Milwaukie Hospital
Providence Newberg Medical Center
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
St. Charles Redmond
Willamette Valley Medical Center

Cases by ZIP Code

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

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<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>

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