

COVID-19 Weekly Report

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



Oregon Public Health Division

Published May 27, 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](#).**

As of 11 p.m. on Sunday, May 24, there have been 3,949 cases of COVID-19 reported to the Oregon Health Authority. Of these cases, 88 (2.2%) are presumptive cases. Presumptive cases are people without a positive PCR test who have COVID-19 like symptoms and had close contact with a confirmed case. Though not confirmed by a positive diagnostic test, presumptive cases have a high likelihood of having COVID-19 because of the specific nature of the 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.

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

During the week of May 18–May 24, 17,214 persons were tested for COVID-19 in Oregon and 1.7% of those people had a positive result. These represent tests done at all locations, including commercial non-hospital-based laboratories, hospital laboratories and Oregon State Public Health Laboratory. At present, Oregon has the capacity to test 3,150 specimens per day (22,050 per week) at Oregon State Public Health Laboratory and clinical labs in the state, so reported testing is well beneath capacity when considering that this figure does not include the unknown additional capacity for testing by commercial laboratories.

Weekly Report Summary

During the week from Monday, May 18, through Sunday, May 24, OHA recorded 289 new cases of COVID-19 infection, a 26% drop from the previous week (392 new cases). In addition, 10 Oregonians were reported to have died (up slightly from 8 deaths the previous week). Statewide, cumulative reported COVID-19 cases have reached 3,949 (9.3 cases per 10,000 Oregonians) and 148 people (0.3 deaths per 10,000 Oregonians) are known to have died of COVID-19 since the beginning of the outbreak.

For the second week in a row, newly reported COVID-19 cases fell by just over 25% from the previous week. Oregonians will likely find this reassuring as the state continues carefully reopening businesses and relaxing more restrictions on daily activity. The number of COVID-19 tests* reported (17,214) again increased by 5% during the week ending Friday, May 22 compared to the preceding week (16,349) while the percent positive again fell from 2.6 to 1.7%.

The total number of COVID-19 tests reported reflects multiple underlying and competing dynamics. First, the amount of disease circulating increases the number of people who are exposed and become symptomatic, leading to more testing. So, in the absence of other factors, fewer infections would lead to fewer tests. However, as COVID-19 incidence appears to decline, more tests have received emergency authorization, more laboratories have developed COVID-19 testing capacity and shortages of testing supplies have likely begun to improve, increasing test availability and leading to more testing. Finally, though questions remain on the utility of testing asymptomatic people, some employers and others in the service sector, including some hospitals and health care systems, have independently chosen to test asymptomatic people in an attempt to recognize and

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isolate or exclude potentially infectious employees or clients. Even in the absence of underlying changes in incidence, this practice increases the number of reported tests.

Figure 3 in this report shows time from onset to “recovery”—three days after resolution of all primary COVID-19 symptoms (fever, cough and shortness of breath)—for approximately 1,300 symptomatic patients diagnosed through before the third week in April. The median time to recovery is 21 days and significant numbers of people continue to report symptoms more than a month after their onset. This fact serves as a reminder that COVID-19 often causes prolonged illness.

Table 5 again lists active clusters of three or more cases or one or more death in care facilities, senior living communities, and other congregate living setting. This week, 15 facilities have active clusters involving over 300 patients, a reminder of the particular challenges of infection control in congregate living settings. Facilities with outbreaks that are considered over (28 days without a new case) are removed from the list.

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#!/>

*Includes tests for viral RNA by polymerase chain reaction, PCR. Does not include antibody tests.

Clinical Characteristics, Risk Factors and Demographic Characteristics

Figure 1 provides information on signs and symptoms from all COVID-19 cases. Of all 3,949 cases, 84.3% (n=3,329) reported having signs and symptoms of COVID-19. The two most commonly reported symptoms are cough (n=2,554, 64.7%) and muscle aches (n=1,881, 47.6%). Figure 2 provides information on risk factors from all COVID-19 cases. The two most common risk factors are having underlying medical conditions (n=2,082, 52.7%) and contact with a known COVID-19 case prior to symptom onset (n=1,663, 42.1%). It is important to note that each person may report more than one sign/symptom or risk factor.

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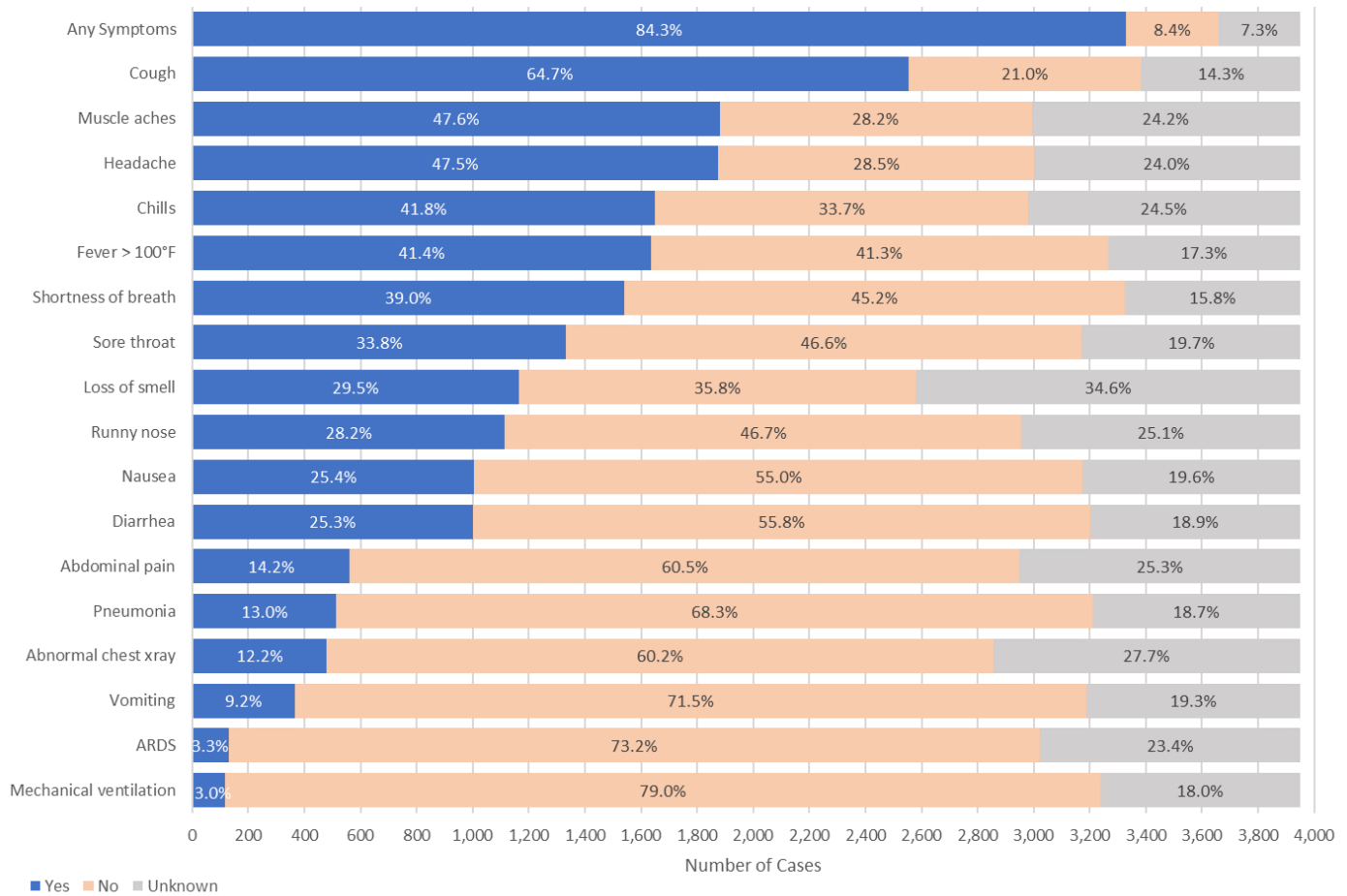
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Figure 1. Reported signs and symptoms for all confirmed COVID-19 cases (n=3,949)



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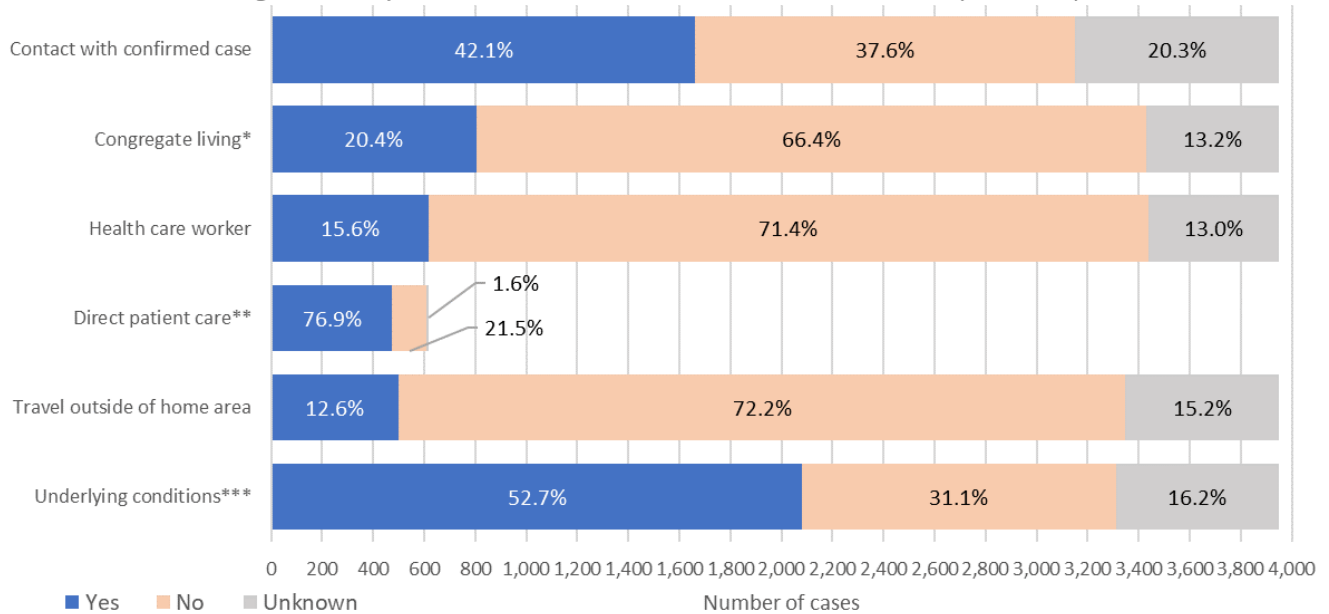
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Figure 2. Reported risk factors from all COVID-19 cases (n=3,949)



*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.

The following tables show the demographic characteristics for all COVID-19 cases. Table 1 and 2 shows case demographic distribution. Tables 3 and 4 show race and ethnicity respectively.

Table 1. Severity and rates of COVID-19 by sex (n=3,949)

Sex	Cases	% of total cases	Cases per 10,000 ^a	Deaths	Case fatality (%)	Hospitalized
Male	1,874	47.5%	8.7	85	4.5%	402
Female	2,071	52.4%	9.9	63	3.0%	344
Non-Binary	1	0%	n/a	0	0%	0
Not available	3	0.1%	n/a	0	0%	1
Total	3,949	100.0%	9.3	148	3.7%	747

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

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Table 2. Severity and rates of COVID-19 by age group (n=3,949)

Age group	Cases	% of total cases	Cases per 10,000 ^a	Deaths	Case fatality (%)	Hospitalized
0-9	53	1.3%	1.1	0	0%	6
10-19	151	3.8%	3.0	0	0%	3
20-29	605	15.3%	10.9	0	0%	33
30-39	673	17.0%	11.6	0	0%	47
40-49	683	17.3%	12.6	3	0.4%	91
50-59	685	17.3%	12.8	6	0.9%	128
60-69	526	13.3%	9.8	29	5.5%	173
70-79	341	8.6%	10.0	41	12.0%	153
80+	232	5.9%	13.8	69	29.7%	113
Total	3,949	100.0%	9.4	148	3.7%	747

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

Table 3. Severity and rates of COVID-19 by race^a (n=3,949)

Race	Cases	% of total cases	Cases per 10,000 ^b	Deaths	Case fatality (%)	Hospitalized
White	1,946	49.3%	6.2	109	5.6%	452
Black	97	2.5%	11.8	6	6.2%	26
Asian	139	3.5%	7.1	7	5.0%	37
American Indian/Alaska Native	69	1.7%	14.8	3	4.3%	11
Pacific Islander	53	1.3%	31.4	1	1.9%	11
Other ^c	1,166	29.5%	n/a	10	0.9%	158
>1 race	73	1.8%	5.3	2	2.7%	12
Not available	406	10.3%	n/a	10	2.5%	40
Total	3,949	100.0%	9.4	148	3.7%	747

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

^bNCHS Population Estimates: 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)

^c1,139 of the 1,166 persons who identify as "Other" race also self-identify as Hispanic or Latino.

Table 4. Severity and rates of COVID-19 by ethnicity (n=3,949)

Ethnicity	Case count	% of total cases	Cases per 10,000 ^a	Deaths	Case fatality (%)	Hospitalized
Hispanic	1,317	33.4%	23.7	14	1.1%	178
Non-Hispanic	2,238	56.7%	6.2	116	5.2%	527
Not available	394	10.0%	n/a	18	4.6%	42
Total	3,949	100.0%	9.4	148	3.7%	747

^aNCHS Population Estimates: 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)

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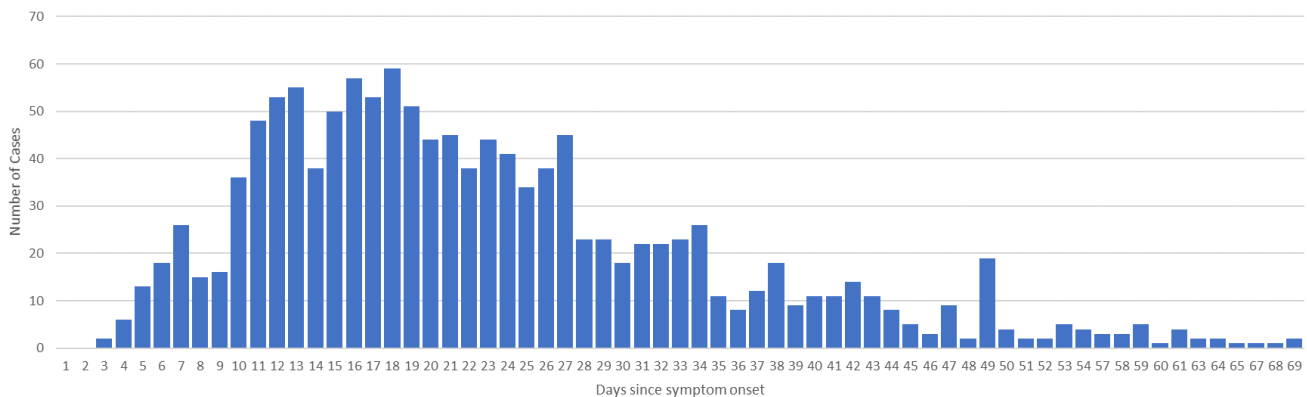
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Recovery

OHA staff periodically call people with reported cases of 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, about resolution of symptoms. This group includes 1,894 people who were all diagnosed before mid-April and have not succumbed to their illness. Among these, 1,438 (75.9%) of cases are considered recovered, and a recovery date is available for 1,275 people. It is this group of 1,275 for which recovery times are depicted in Figure 3. Of these 1,894 people, 162 (8.6%), have yet to recover, and current recovery status is not yet available for 294 (15.5%) of these cases. People are assumed to have recovered on the third day after resolution of all symptoms. Median time to recovery among symptomatic cases is presently 21 days (interquartile range: 15-29 days). The median times to recover for symptomatic cases who were hospitalized is 24 days (interquartile range: 17-34 days).

Figure 3. Time to recovery* among symptomatic people** with confirmed COVID-19 (n=1,275)



*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 1

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Weekly Care Facility, Senior Living Communities and Congregate Living Settings Report

OHA is publishing data on cases and deaths in care facilities, senior living communities, and congregate living settings that have three or more confirmed COVID-19 cases or one or more death. Facilities with outbreaks that are considered closed will be removed from this list. An outbreak is considered closed if there are no new cases identified for 28 days after the last case onset. This list does not include correctional facilities.

In addition to the facilities listed, OHA is aware of two adult foster homes that have three or more confirmed COVID-19 cases or one or more death. Because foster homes typically have relatively few residents, OHA follows DHS' practice in not naming these locations to protect privacy.

Table 5. Care facility, senior living community and congregate living setting outbreaks with three or more confirmed COVID-19 cases or one or more COVID-19 related death (n=15)

Facility name	County	First reported	Total cases ^a	Total deaths ^a
Healthcare at Foster Creek	Multnomah	3/24/2020	119	30
Corvallis Manor	Benton	3/27/2020	19	3
Salem Transitional Care	Marion	3/27/2020	25	3
Avamere at Bethany	Washington	4/1/2020	10	0
Avamere Court at Keizer	Marion	4/11/2020	6	1
Country Meadows Village	Marion	4/13/2020	7	1
Countryside Living of Canby	Clackamas	4/19/2020	13	2
Cherrywood Village	Multnomah	4/23/2020	6	1
Providence Benedictine	Marion	4/27/2020	6	0
Prestige Senior Living Orchard Heights	Polk	4/30/2020	53	8
Prestige Senior Living Riverwood	Washington	5/2/2020	9	1
Jennings - McCall Center	Washington	5/4/2020	7	1
Parkview Christian Assisted Living	Multnomah	5/4/2020	9	0
Odd Fellows Home	Multnomah	5/4/2020	9	1
Prestige Post-Acute Care and Rehabilitation-Milwaukie	Clackamas	5/9/2020	8	0
Total	-	-	306	52

^aTotal case count includes all cases associated with the outbreak (e.g., staff, residents, close contacts)

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Cases by ZIP Code

OHA is publishing data on cases at the ZIP code level (Table 6). In order to protect patient privacy, ZIP codes with small populations or small numbers of cases will be aggregated. Cases from ZIP codes with less than 1,000 people will be reported as one number. ZIP codes that have fewer than 10 cases will be reported as "1-9". ZIP codes that do not have any cases will have a "0". ZIP code population was retrieved from the 2010 US Census Bureau ZIP Code Tabulation Area.

Table 6. COVID-19 cases by ZIP code

ZIP code	Number of cases	Cases per 10,000
97002	1-9	n/a
97003	31	12.0
97004	1-9	n/a
97005	34	13.7
97006	49	7.8
97007	49	7.3
97008	17	5.9
97009	1-9	n/a
97013	30	13.2
97014	1-9	n/a
97015	18	9.2
97016	0	0.0
97017	1-9	n/a
97018	0	0.0
97019	1-9	n/a
97021	0	0.0
97022	0	0.0
97023	1-9	n/a
97024	33	32.2
97026	46	120.6
97027	1-9	n/a
97030	85	23.2
97031	1-9	n/a
97032	24	47.6
97034	1-9	n/a
97035	1-9	n/a
97038	32	21.2
97040	0	0.0
97041	1-9	n/a
97042	1-9	n/a
97045	24	4.7
97048	1-9	n/a
97049	0	0.0
97051	1-9	n/a

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97053	1-9	n/a
97054	0	0.0
97055	16	9.2
97056	1-9	n/a
97058	17	8.6
97060	39	18.4
97062	31	11.3
97063	0	0.0
97064	1-9	n/a
97067	0	0.0
97068	10	3.5
97070	19	9.1
97071	202	70.1
97078	39	18.2
97080	78	19.1
97086	29	11.1
97089	10	8.3
97101	1-9	n/a
97103	23	13.6
97106	1-9	n/a
97107	0	0.0
97110	0	0.0
97111	0	0.0
97112	0	0.0
97113	51	36.0
97114	1-9	n/a
97115	1-9	n/a
97116	81	33.6
97119	1-9	n/a
97121	1-9	n/a
97123	102	22.9
97124	53	11.0
97127	1-9	n/a
97128	19	5.3
97131	1-9	n/a
97132	29	10.3
97133	1-9	n/a
97136	0	0.0
97137	0	0.0
97138	1-9	n/a
97140	19	8.1
97141	1-9	n/a
97146	13	22.0

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97148	0	0.0
97201	13	8.4
97202	22	5.7
97203	45	14.5
97204	1-9	n/a
97205	1-9	n/a
97206	35	7.4
97209	14	9.4
97210	1-9	n/a
97211	22	7.0
97212	1-9	n/a
97213	35	12.0
97214	43	18.1
97215	10	6.1
97216	11	7.1
97217	32	10.2
97218	12	8.2
97219	31	8.0
97220	45	15.8
97221	1-9	n/a
97222	37	10.6
97223	49	10.5
97224	26	8.4
97225	22	9.1
97227	1-9	n/a
97229	33	5.7
97230	78	19.6
97231	1-9	n/a
97232	1-9	n/a
97233	87	22.1
97236	183	49.7
97239	1-9	n/a
97266	41	12.3
97267	27	8.8
97301	89	16.6
97302	47	12.7
97303	82	21.2
97304	71	25.0
97305	90	22.4
97306	37	13.5
97317	55	22.6
97321	31	12.4
97322	39	11.5

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97324	0	0.0
97325	10	15.1
97327	1-9	n/a
97330	38	9.2
97331	1-9	n/a
97333	1-9	n/a
97338	1-9	n/a
97341	1-9	n/a
97344	0	0.0
97347	1-9	n/a
97348	1-9	n/a
97351	1-9	n/a
97352	1-9	n/a
97355	37	12.9
97358	0	0.0
97360	1-9	n/a
97361	1-9	n/a
97362	14	32.3
97365	1-9	n/a
97366	0	0.0
97367	1-9	n/a
97368	0	0.0
97370	1-9	n/a
97374	1-9	n/a
97375	1-9	n/a
97376	0	0.0
97378	1-9	n/a
97380	1-9	n/a
97381	35	23.8
97383	20	20.9
97385	14	43.0
97386	1-9	n/a
97389	1-9	n/a
97391	0	0.0
97392	1-9	n/a
97394	1-9	n/a
97396	1-9	n/a
97401	11	2.7
97402	21	4.2
97403	0	0.0
97404	1-9	n/a
97405	10	2.2
97408	1-9	n/a

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97411	0	0.0
97415	1-9	n/a
97417	1-9	n/a
97419	0	0.0
97420	1-9	n/a
97423	0	0.0
97424	1-9	n/a
97426	1-9	n/a
97431	0	0.0
97435	0	0.0
97437	0	0.0
97438	0	0.0
97439	0	0.0
97442	0	0.0
97443	0	0.0
97444	1-9	n/a
97446	0	0.0
97448	1-9	n/a
97449	0	0.0
97452	0	0.0
97454	0	0.0
97455	0	0.0
97456	0	0.0
97457	1-9	n/a
97458	0	0.0
97459	26	18.4
97462	1-9	n/a
97463	0	0.0
97465	0	0.0
97467	1-9	n/a
97469	1-9	n/a
97470	1-9	n/a
97471	1-9	n/a
97477	1-9	n/a
97478	1-9	n/a
97479	1-9	n/a
97487	1-9	n/a
97488	0	0.0
97495	1-9	n/a
97496	1-9	n/a
97497	0	0.0
97498	0	0.0
97499	0	0.0

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97501	1-9	n/a
97502	13	4.7
97503	1-9	n/a
97504	14	3.2
97520	10	4.1
97523	1-9	n/a
97524	1-9	n/a
97525	0	0.0
97526	12	3.5
97527	1-9	n/a
97530	0	0.0
97532	0	0.0
97535	1-9	n/a
97537	0	0.0
97538	0	0.0
97539	0	0.0
97540	1-9	n/a
97541	0	0.0
97544	0	0.0
97601	14	6.2
97603	18	6.1
97623	0	0.0
97624	1-9	n/a
97630	0	0.0
97632	1-9	n/a
97633	1-9	n/a
97641	0	0.0
97701	36	6.1
97702	35	8.6
97703	15	4.5
97707	1-9	n/a
97720	1-9	n/a
97734	1-9	n/a
97738	0	0.0
97739	0	0.0
97741	1-9	n/a
97753	0	0.0
97754	1-9	n/a
97756	27	8.0
97759	0	0.0
97760	1-9	n/a
97761	16	40.1
97801	1-9	n/a

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97813	1-9	n/a
97814	1-9	n/a
97818	11	26.4
97820	0	0.0
97824	0	0.0
97826	0	0.0
97827	0	0.0
97828	1-9	n/a
97836	1-9	n/a
97838	66	26.0
97844	0	0.0
97845	1-9	n/a
97846	0	0.0
97850	1-9	n/a
97862	11	9.4
97865	0	0.0
97868	1-9	n/a
97869	0	0.0
97875	1-9	n/a
97882	18	23.2
97883	0	0.0
97885	0	0.0
97886	1-9	n/a
97913	1-9	n/a
97914	23	12.0
97918	1-9	n/a
Cases with unknown ZIP codes	12	n/a
ZIP codes with <1,000 population	142	n/a

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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 7 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 5/18/2020 and 5/24/2020. The right column shows the highest number of confirmed COVID-19 patients hospitalized during the same time period.

Table 7. Hospitals reporting 10 or more COVID-19 patients.

Hospital	Max Patients (Both suspected and confirmed)	Max Patients (Confirmed only)
Salem Hospital	43	12
Providence Portland Medical Center	16	<10
Hillsboro Medical Center	11	<10
OHSU	10	<10
Providence St Vincent Medical Center	10	<10
Legacy Emanuel Medical Center	10	<10

The hospitals listed in Table 8 reported at least 1 and at most 9 suspected or confirmed COVID-19 patients between 5/18/2020 through 5/24/2020. Hospitals not listed in either table did not report any suspected or confirmed patients during the week.

Table 8. Hospitals reporting 1-9 COVID-19 patients.

Hospital
Asante Rogue Regional Medical Center
Asante Three Rivers Medical Center
Columbia Memorial Hospital
Doernbecher Children's Hospital
Good Samaritan - Corvallis
Good Shepherd Health Care System
Legacy Good Samaritan Medical Center
McKenzie-Willamette Medical Center
Mercy Medical Center
Legacy Mt. Hood Medical Center
Mid-Columbia Medical Center
Legacy Meridian Park Medical Center
Adventist Medical Center
PeaceHealth Sacred Heart MC - Riverbend
Providence Milwaukie Hospital
Providence Hood River Memorial Hospital
Providence Medford Medical Center

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Providence Newberg Medical Center
Providence Seaside Hospital
Randall Children's Hospital at LEH
Samaritan Lebanon Community Hospital
Samaritan North Lincoln Hospital
Samaritan Pacific Communities Hospital
Santiam Memorial Hospital
Silverton Hospital
Kaiser Sunnyside Medical Center
Sky Lakes Medical Center
Southern Coos Hospital and Health Center
St Anthony Hospital
VA Portland HC System
Providence Willamette Falls Med Center
Willamette Valley Medical Center
Kaiser Westside Medical Center