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



Oregon Public Health Division

Published May 12, 2020

Background

COVID-19 Weekly Report data will be finalized every Sunday at 11 p.m. PDT. and the report will be published on Tuesday. 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 10, there have been 3,268 confirmed and presumptive cases of COVID-19 reported to the Oregon Health Authority. 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.

As of 11 p.m. on May 10, Oregon has the capacity to test 3,150 specimens per day at Oregon State Public Health Laboratory and major hospitals. This figure does not include commercial laboratory capacity. During the week of May 4-May 10, 14,155 persons were tested for COVID-19 in Oregon.

Weekly Report Summary

Please note the original version of this document posted on May 12, 2020 included errors in the column labeled 'Case Fatality (%)' in Tables 1–4. This version corrects those errors. OHA apologizes and thanks readers who brought the errors to attention.

During the week from Monday, May 4, through Sunday, May 10, OHA recorded 526 new cases of COVID-19 infection and 21 new COVID-19-related deaths among Oregonians, bringing the statewide totals to 3,268 cases (7.7 cases per 10,000 Oregonians) and 130 deaths (0.3 deaths per 10,000 Oregonians) since the beginning of the outbreak.

Readers might notice that, although Oregon is moving towards reopening some businesses and relaxing some of the restrictions on daily activity, more COVID-19 cases and deaths were reported during the week of May 4 through May 11 than during the preceding week (394 cases and 14 deaths). However, the actual number of new infections (also called disease "incidence") probably did not increase; rather the increase in reported cases is most likely due to increased testing and increasing numbers of presumptive infections. The number of COVID-19 tests reported in Oregon rose from 12,684 in the week ending May 1 to 14,481 in the week ending May 8, a 14% increase, while the proportion of tests that were positive fell to 3.1%, its lowest level since OHA began tracking COVID-19 testing.

(https://www.oregon.gov/oha/PH/DISEASESCONDITIONS/DISEASESAZ/Emerging%20Respitory%20Infections/Oregon-COVID-19-Testing-Summary-2020-05-08.pdf).

In addition to increased testing, local public health officials have begun to increase contact tracing, a process by which people who have been diagnosed with COVID-19 infection are asked to identify their close contacts during the time when they were most likely to be infectious. Those contacts are then interviewed and monitored for illness. Any of those contacts who have symptoms of COVID-19 are presumed to have COVID-19 infection themselves. These contacts are deemed "presumptive cases" and are counted in statewide totals. During the week of May 4 through May 11, about 15% of reported cases were presumptive cases.

Similarly, while an increase in reported COVID-19-related deaths during the past week reemphasizes the sad consequences of the pandemic, the number of deaths doesn't reflect current rates of COVID-19 transmission in Oregon, but rather high rates of infection three weeks earlier since deaths from COVID-19 commonly occur three or more weeks after onset.

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With this edition of the weekly report, OHA has chosen not to produce a table of "underlying conditions" among people who have died. Routinely available information about COVID-19 cases lacks sufficient detail to offer useful information about the specific conditions that make up the broad categories included in the table. Consequently, this has led to confusion and unwarranted apprehension about which groups might be at greater risk of dying from COVID-19 infection. Recently, a more accurate and reliable source of information about co-existing medical conditions among hospitalized patients with COVID-19 has become available through COVID-NET (https://gis.cdc.gov/grasp/COVIDNet/COVID19 5.html). COVID-NET is national surveillance network that collects detailed medical information about hospitalized patients in many states. Oregon is a participant in COVID-NET and approximately 43% of Oregon's population is included in the COVID-NET catchment area. To date, Oregon's COVID-NET group has completed detailed reviews of medical records of more than 100 Oregon COVID-19 patients, and this number will continue to grow and is included in the national summaries published at the above site. Presently, the national COVID-NET site groups underlying conditions into broad categories, much as OHA's table had done. However, COVID-NET data are more accurate and reliable as they are collected in a standard and reproducible manner from the medical record. In addition, unlike OHA's case report data, COVID-NET collects information about the specific diseases and conditions that comprise the broader categories, and as the number of cases in COVID-NET grows, more detailed information about the more specific conditions is likely to be available.* Finally, as Oregon's COVID-NET information accumulates, OHA may begin to include data from Oregon's COVID-NET in its weekly COVID-19 report.

Recent data on mortality in Oregon, including deaths related to COVID-19 is available at the following location: https://public.tableau.com/profile/oha.center.for.health.statistics#!/

*For example: OHA's weekly report table included a row for 'Neurological/Neurodevelopmental' conditions, while COVID-Net includes a "Neurological" category. However, OHA is unable to further subdivide this category, while COVID-Net collects information about the following conditions that collectively, comprise the "Neurological" category: Amyotrophic lateral sclerosis (ALS); Cerebral palsy; Cognitive dysfunction; Dementia/Alzheimer's disease; Developmental delay; Down syndrome/Trisomy 21; Edward's syndrome/Trisomy 18; Epilepsy/seizure/seizure disorder; Mitochondrial disorder; Multiple sclerosis (MS); Muscular dystrophy; Myasthenia gravis; Neural tube defects/Spina bifida; Neuropathy; Parkinson's disease; Plegias/Paralysis/Quadriplegia; Scoliosis/Kyphoscoliosis; Traumatic brain injury.

Clinical Characteristics, Risk Factors and Demographic Characteristics

Figure 1 provides information on signs and symptoms from all COVID-19 cases. Of all 3,268 cases, 84.8% (n=2,770) reported having signs and symptoms of COVID-19. The two most commonly reported symptoms are cough (n=2,148, 65.7%) and muscle aches (n=1,538, 47.1%). Figure 2 provides information on risk factors from all COVID-19 cases. The two most common risk factors are having underlying medical conditions (n=1,494, 45.7%) and contact with a known COVID-19 case prior to symptom onset (n=1,254, 38.4%). It is important to note that each person may report more than one sign/symptom or risk factor.

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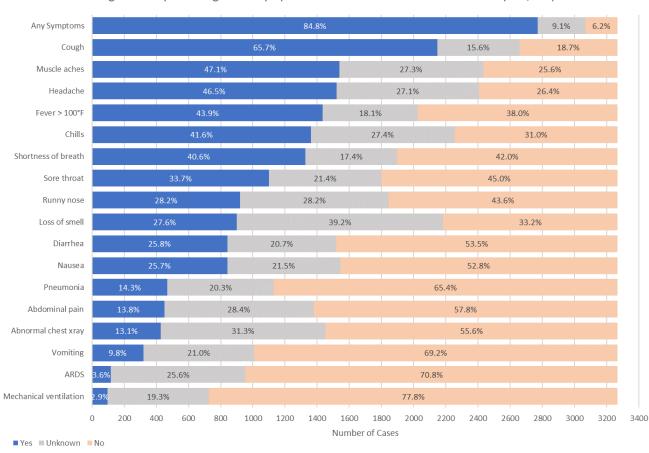


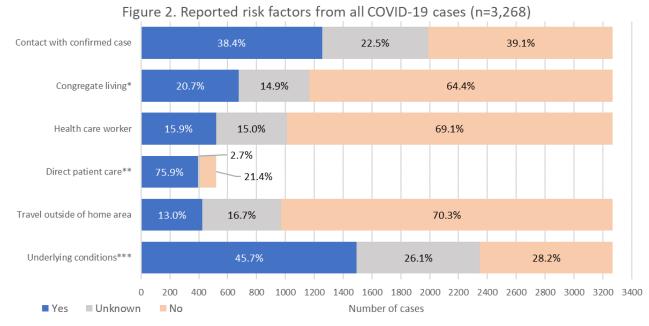
Figure 1. Reported signs and symptoms for all confirmed COVID-19 cases (n=3,268)

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^{*}Congregate living situations include, but are not limited to, long-term care facilities, group homes, prisons, shelters, etc. Data include people with confirmed cases who live or work in congregate living situations.

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=3,268)

Sex	Cases	% of total cases	Cases per 10,000 ^a	Deaths	Case fatality (%)	Hospitalized
Male	1,514	46.3%	7.0	75	5.0%	364
Non-Binary	1	0.0%	n/a	0	0.0%	0
Not available	2	0.1%	n/a	0	0.0%	1
Female	1,751	53.6%	8.4	55	3.1%	307
Total	3,268	100.0%	7.8	130	4.0%	672

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

^{**}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/neurodevelopmental condition, obesity, or other chronic diseases.

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Table 2. Severity and rates of COVID-19 by age group (n=3,268)

Age group	Cases	% of total cases	Cases per 10,000 ^a	Deaths	Case fatality (%)	Hospitalized
0-9	24	0.7%	0.5	0	0.0%	5
10-19	102	3.1%	2.1	0	0.0%	1
20-29	457	14.0%	8.2	0	0.0%	25
30-39	558	17.1%	9.6	0	0.0%	44
40-49	559	17.1%	10.3	3	0.5%	83
50-59	574	17.6%	10.7	5	0.9%	112
60-69	463	14.2%	8.6	23	5.0%	161
70-79	302	9.2%	8.9	39	12.9%	134
80+	219	6.7%	13.1	60	27.4%	103
Not available	10	0.3%	n/a	0	0.0%	4
Total	3,268	100.0%	7.8	130	4.0%	672

^ePopulation 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 (n=3,268)

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Race	Cases	% of total cases	Cases per 10,000 ^a	Deaths	Case fatality (%)	Hospitalized
White	1,679	51.4%	5.3	95	5.7%	411
Black	82	2.5%	10.0	5	6.1%	24
Asian	118	3.6%	6.0	7	5.9%	35
American Indian/Alaska Native	57	1.7%	12.2	2	3.5%	10
Pacific Islander	33	1.0%	19.6	1	3.0%	9
Other	879	26.9%	n/a	8	0.9%	133
>1 race	63	1.9%	4.6	2	3.2%	10
Not available	357	10.9%	n/a	10	2.8%	40
Total	3,268	100.0%	7.8	130	4.0%	672

^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)

Table 4. Severity and rates of COVID-19 by ethnicity (n=3.268)

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Ethnicity	Case count	% of total cases	Cases per 10,000 ^a	Deaths	Case fatality (%)	Hospitalized
Hispanic	1,004	30.6%	18.0	11	1.1%	154
Non-Hispanic	1,895	57.8%	5.2	102	5.4%	472
Not available	369	11.6%	n/a	17	4.6%	46
Total	3,268	100.0%	7.8	130	4.0%	672

^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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Recovery

Oregon is assessing recovery of COVID-19 cases by calling each case to determine if they have recovered and the date of recovery. A person is considered recovered once they are free from fever (without the use of fever-reducing medication), cough, shortness of breath, and diarrhea for 72 hours. If they are not yet recovered, public health staff will call back weekly until the person is recovered. COVID-19 cases without symptoms are considered recovered 10 days after the last positive test. Of the 3,138 surviving COVID-19 cases, 1,406 (44.8%) are considered recovered and 829 (26.4%) are not yet recovered. We are still assessing recovery status for 903 (28.8%) of the COVID-19 cases. The median time to recovery for all cases who had symptoms is 19 days (interquartile range:13–27 days). The median time to recovery for cases who were hospitalized and had symptoms is 23 days (interquartile range: 16–32 days). Table 5 shows the number and proportion of cases that have recovered by county

Table 5. Number and proportion of recovered COVID-19 cases by county

County	Recovered	Total Cases ^a	% recovered
Baker	0	1	0.0%
Benton	17	42	40.5%
Clackamas	114	255	44.7%
Clatsop	6	33	18.2%
Columbia	12	15	80.0%
Coos	0	30	0.0%
Crook	1	1	100.0%
Curry	4	4	100.0%
Deschutes	71	86	82.6%
Douglas	22	24	91.7%
Grant	1	1	100.0%
Harney	0	1	0.0%
Hood River	5	13	38.5%
Jackson	42	49	85.7%
Jefferson	5	24	20.8%
Josephine	12	23	52.2%
Klamath	32	39	82.1%
Lane	46	58	79.3%
Lincoln	5	6	83.3%
Linn	49	95	51.6%
Malheur	7	14	50.0%
Marion	246	667	36.9%
Morrow	2	12	16.7%
Multnomah	265	843	31.4%
Polk	25	81	30.9%

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Sherman	1	1	100.0%
Tillamook	6	6	100.0%
Umatilla	53	83	63.9%
Union	3	4	75.0%
Wallowa	1	1	100.0%
Wasco	9	14	64.3%
Washington	318	570	55.8%
Yamhill	26	42	61.9%
Total	1,406	3,138	44.8%

^aTotal excludes COVID-19 cases who have died

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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 recovers. This list does not include correctional facilities.

There are two adult foster homes that have three or more confirmed COVID-19 cases or one or more death.

Table 6. 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=31)

Facility name	County	First reported	Total cases ^a	Total deaths ^a
Oregon Veterans' Home Lebanon	Linn	3/11/2020	38	7
The Oaks at Sherwood Park	Marion	3/20/2020	14	1
Regency Park	Washington	3/21/2020	16	1
Astor House Senior Living	Yamhill	3/22/2020	15	7
Healthcare at Foster Creek	Multnomah	3/24/2020	119	29
Oregon Veterans' Home The Dalles	Wasco	3/26/2020	3	0
Raleigh Hills Senior Care	Washington	3/27/2020	1	1
Corvallis Manor	Benton	3/27/2020	17	3
Salem Transitional Care	Marion	3/27/2020	26	3
Shelter at Orenco Station	Washington	3/30/2020	4	0
Laurelhurst Village	Multnomah	3/30/2020	48	4
Marquis Marian Estates	Marion	3/30/2020	16	1
Avamere at Bethany	Washington	4/1/2020	9	0
Village Health Care	Multnomah	4/1/2020	37	5
Bonaventure	Washington	4/1/2020	1	1
Four Seasons Memory Care	Marion	4/2/2020	4	1
Jason Lee Manor Apartments	Marion	4/10/2020	2	1
Avamere Court at Keizer	Marion	4/11/2020	3	1
Powell Valley Memory Care	Multnomah	4/13/2020	9	1
Country Meadows Village	Marion	4/13/2020	6	1
Cornerstone Care Options	Multnomah	4/16/2020	16	0
The Grove Assisted Living	Washington	4/17/2020	3	1
Countryside Living of Canby	Clackamas	4/19/2020	12	2
St. Andrews Memory Care	Multnomah	4/21/2020	3	0
Cherrywood Village	Multnomah	4/23/2020	6	1
Turner Residential Care	Marion	4/23/2020	1	1
Prestige Senior Living Orchard Heights	Polk	4/30/2020	41	4

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Prestige Senior Living Riverwood	Washington	5/2/2020	4	0
Jennings - McCall Center	Washington	5/4/2020	4	0
Parkview Christian Assisted Living	Multnomah	5/4/2020	5	0
Odd Fellows Home	Multnomah	5/4/20202	1	1
Total	-	-	484	78

^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. In order to protect patient privacy, ZIP codes with small numbers 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.

ZIP code	Number of cases	Cases per 10,000
97002	1-9	n/a
97003	26	10.0
97004	1-9	n/a
97005	28	11.2
97006	45	7.1
97007	38	5.7
97008	15	5.2
97009	1-9	n/a
97013	29	12.8
97014	1-9	n/a
97015	18	9.2
97016	0	0.0
97017	0	0.0
97018	0	0.0
97019	1-9	n/a
97021	0	0.0
97022	0	0.0
97023	1-9	n/a
97024	28	27.3
97026	38	99.6
97027	1-9	n/a
97030	83	22.6
97031	1-9	n/a
97032	18	35.7
97034	1-9	n/a
97035	1-9	n/a
97038	28	18.5
97040	0	0.0
97041	1-9	n/a
97042	1-9	n/a
97045	23	4.5

Data are provisional and subject to change.

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97048	1-9	n/a
97049	0	0.0
97051	1-9	n/a
97053	1-9	n/a
97054	0	0.0
97055	16	9.2
97056	1-9	n/a
97058	14	7.1
97060	35	16.5
97062	21	7.7
97063	0	0.0
97064	0	0.0
97067	0	0.0
97068	1-9	n/a
97070	16	7.6
97071	174	60.4
97078	33	15.4
97080	60	14.7
97086	28	10.8
97089	1-9	n/a
97101	1-9	n/a
97103	18	10.7
97106	1-9	n/a
97107	0	0.0
97110	0	0.0
97111	0	0.0
97112	0	0.0
97113	40	28.3
97114	1-9	n/a
97115	1-9	n/a
97116	64	26.6
97119	1-9	n/a
97121	1-9	n/a
97123	89	20.0
97124	44	9.1
97127	1-9	n/a
97128	12	3.3

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97131	1-9	n/a
97132	26	9.2
97133	1-9	n/a
97136	0	0.0
97137	0	0.0
97138	1-9	n/a
97140	14	6.0
97141	1-9	n/a
97146	1-9	n/a
97148	0	0.0
97201	1-9	n/a
97202	17	4.4
97203	27	8.7
97204	1-9	n/a
97205	1-9	n/a
97206	29	6.1
97209	12	8.0
97210	1-9	n/a
97211	17	5.4
97212	1-9	n/a
97213	33	11.3
97214	39	16.4
97215	1-9	n/a
97216	10	6.4
97217	26	8.3
97218	13	8.9
97219	26	6.7
97220	43	15.1
97221	1-9	n/a
97222	26	7.4
97223	42	9.0
97224	23	7.4
97225	22	9.1
97227	1-9	n/a
97229	31	5.3
97230	58	14.6
97231	1-9	n/a

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97232	1-9	n/a
97233	70	17.8
97236	172	46.7
97239	1-9	n/a
97257	1-9	n/a
97266	33	9.9
97267	23	7.5
97282	1-9	n/a
97292	1-9	n/a
97301	69	12.9
97302	37	10.0
97303	70	18.1
97304	63	22.1
97305	71	17.7
97306	26	9.5
97307	1-9	n/a
97313	1-9	n/a
97317	44	18.1
97321	23	9.2
97322	35	10.3
97324	0	0.0
97325	1-9	n/a
97327	1-9	n/a
97330	36	8.7
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	36	12.6
97358	0	0.0
97360	1-9	n/a
97361	1-9	n/a

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97362	12	27.7
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	0	0.0
97380	0	0.0
97381	29	19.7
97383	14	14.6
97385	14	43.0
97386	1-9	n/a
97389	1-9	n/a
97391	0	0.0
97392	1-9	n/a
97394	0	0.0
97396	1-9	n/a
97401	1-9	n/a
97402	19	3.8
97403	0	0.0
97404	1-9	n/a
97405	10	2.2
97408	1-9	n/a
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

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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
97501	1-9	n/a
97502	13	4.7
97503	1-9	n/a
97504	12	2.7
97520	10	4.1

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97523	1-9	n/a
97524	1-9	n/a
97525	0	0.0
97526	12	3.5
97527	1-9	n/a
97528	1-9	n/a
97530	0	0.0
97532	0	0.0
97535	0	0.0
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	33	5.6
97702	24	5.9
97703	13	3.9
97707	1-9	n/a
97708	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	10	3.0
97759	0	0.0

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97760	1-9	n/a
97761	17	42.6
97801	1-9	n/a
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	0	0.0
97836	1-9	n/a
97838	43	17.0
97844	0	0.0
97845	1-9	n/a
97846	0	0.0
97850	1-9	n/a
97862	1-9	n/a
97865	0	0.0
97868	1-9	n/a
97869	0	0.0
97875	1-9	n/a
97882	17	21.9
97883	0	0.0
97885	0	0.0
97886	1-9	n/a
97913	1-9	n/a
97914	11	5.7
97918	1-9	n/a
Cases with unknown ZIP codes	58	n/a
ZIP codes with population <1,000	14	n/a