
Update on COVID-19 in Oregon

August 02, 2021

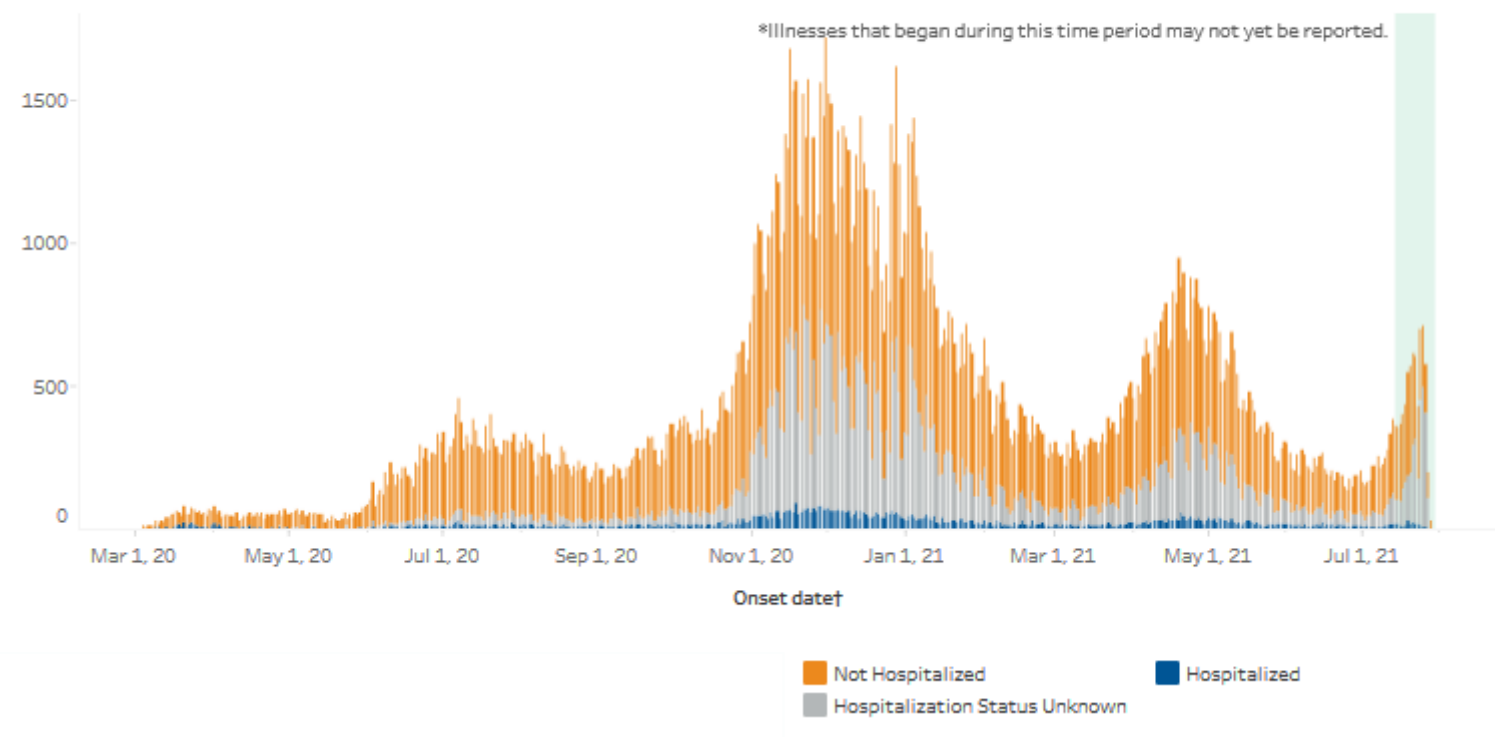
DATA UPDATE

COVID-19 Cases in Oregon

Oregon's Epi Curve: COVID-19 cases

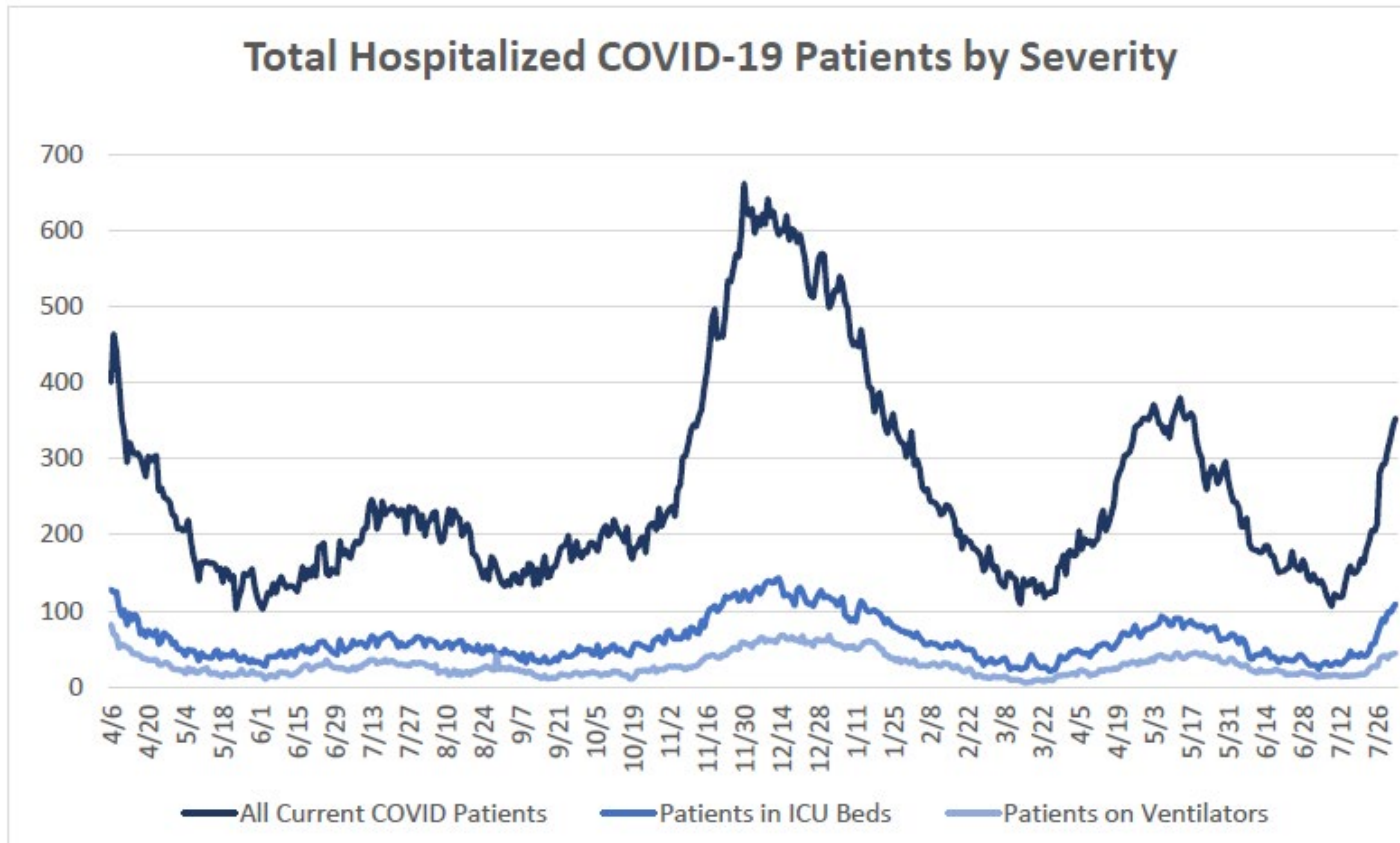
This chart shows the number of Oregonians who have been identified as COVID-19 cases and whether they were ever hospitalized for their illness. ‡

Total Cases	Hospitalized	Not Hospitalized	Hospitalization Status Unknown
219,755	12,334	147,289	60,132



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
Accessed 07.29.2021

Hospitalizations by Severity



<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19HospitalCapacity/BedAvailabilitybyRegion>
Accessed 08.02.2021 (preview)

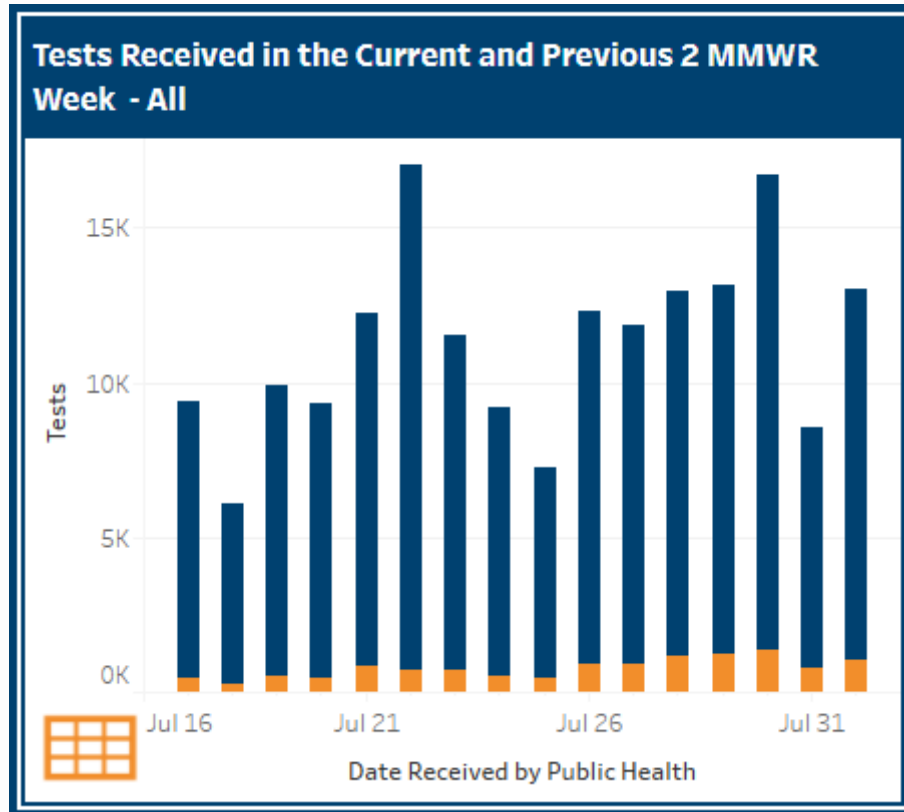
Weekly Trends

Summary Statistics For the Previous 6 MMWR Weeks - All			
Week of True Case Date	Total New Cases	Average New Cases Per Day	% Cases Not Traced to a Known Source
6/20/21	1,376	197	58.8%
6/27/21	1,213	173	60.8%
7/4/21	1,317	188	60.2%
7/11/21	1,955	279	63.5%
7/18/21	3,054	436	65.4%
7/25/21	5,706	815	76.5%

https://tableau.dhsoha.state.or.us/t/OHA/views/InternalStakeholdersDashboardFinal/InternalDashboard?iframeSizedToWindow=true&.embed=y&.showAppBanner=false&.display_count=no&.showVizHome=no&.origin=viz_share_link#1

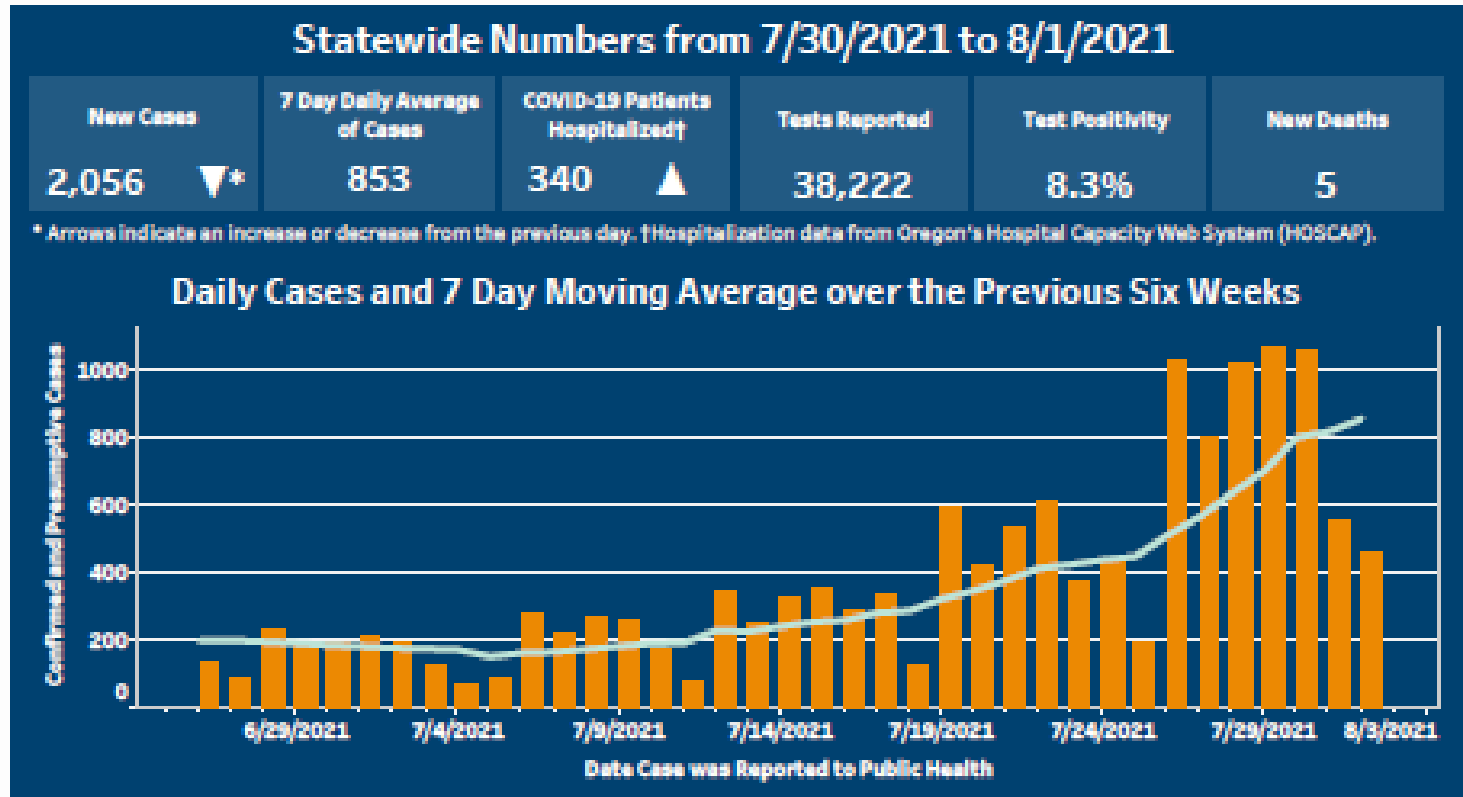
Accessed 08.02.2021

Daily Testing Volume



https://tableau.dhsosha.state.or.us/t/OHA/views/InternalStakeholdersDashboardFinal/InternalDashboard?iframeSizedToWindow=true&.embed=y&.showAppBanner=false&.display_count=no&.showVizHome=no&.origin=viz_share_link#1
Accessed 08.02.2021

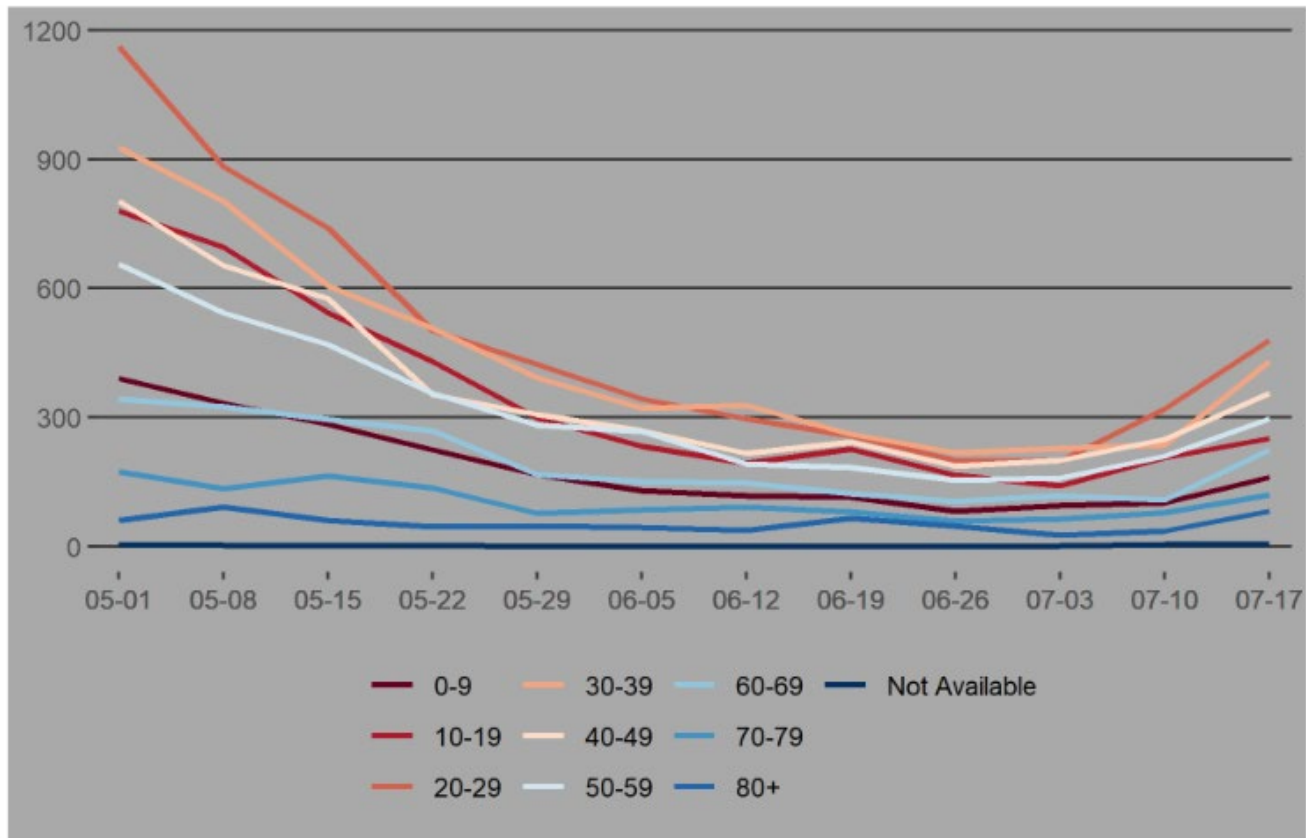
Daily Update



<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19Update/DailyDataUpdate>
 Accessed 08.02.2021 (preview)

CASES BY AGE

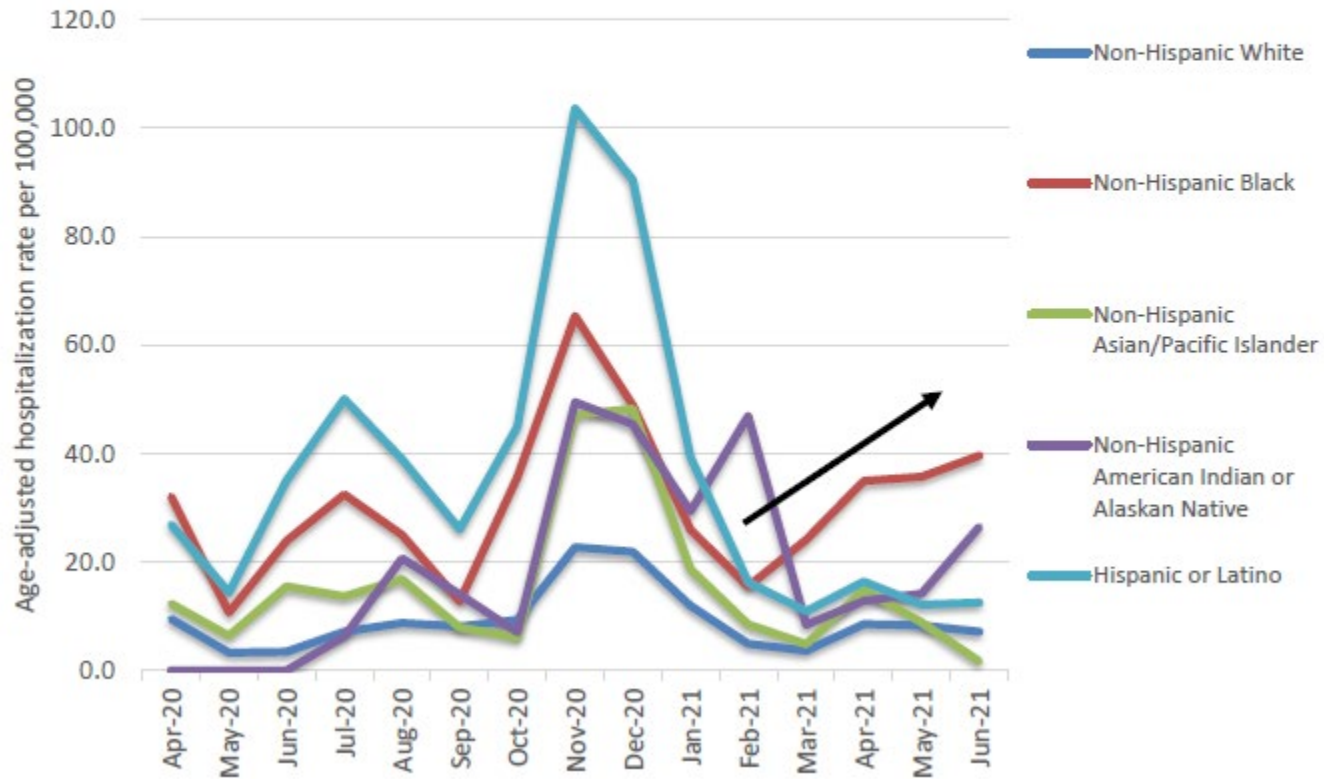
Recent Cases by Age and Week of Onset



<https://www.oregon.gov/oha/covid19/Documents/DataReports/Weekly-Data-COVID-19-Report.pdf>
Accessed 08.02.2021

CASES BY RACE AND ETHNICITY

COVID-19 hospitalization rates have increased disproportionately in Black communities-- nationwide and in the Portland region.



Ratio of Age-adjusted Rates of COVID-19 by Race

Race	Cases	Hospitalizations	Deaths
> 1 race	0.7	1.1	1.1
American Indian/Alaska Native	2.5	3.5	3.2
Asian	1.0	1.3	1.1
Black	2.1	3.4	2.7
Pacific Islander	3.3	8.2	7.6
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.

Ratio of Age-adjusted Rates of COVID-19 by Ethnicity

Ethnicity	Cases	Hospitalizations	Deaths
Hispanic	2.6	3.3	2.7
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.

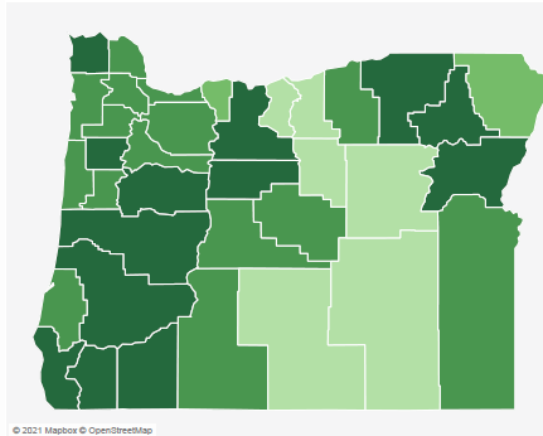
COVID-19 Community Spread by County

Oregon's COVID-19 Community Spread

More about these data ⓘ

This page shows the evidence-based metrics Oregon public health officials have developed to track COVID-19 community spread. The indicators of COVID-19 spread are determined by case rates for large population counties (more than 30,000 people) or case counts for medium and small population counties (less than 30,000 and 15,000 people respectively). Test positivity is also taken into account for medium and large counties. Where both cases and test positivity are considered, the level of community spread is determined by the more conservative indicator. A table with the indicator thresholds is included below.

Hover over a county to see more information



Statewide

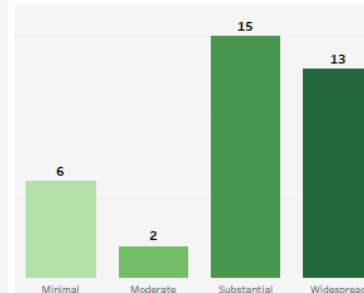
07/18/2021 - 07/31/2021
205.2 cases per 100k residents
6.9% test positivity

Community Spread

- Minimal
- Moderate
- Substantial
- Widespread

Select one of the bars below to highlight the counties in that level of community spread.

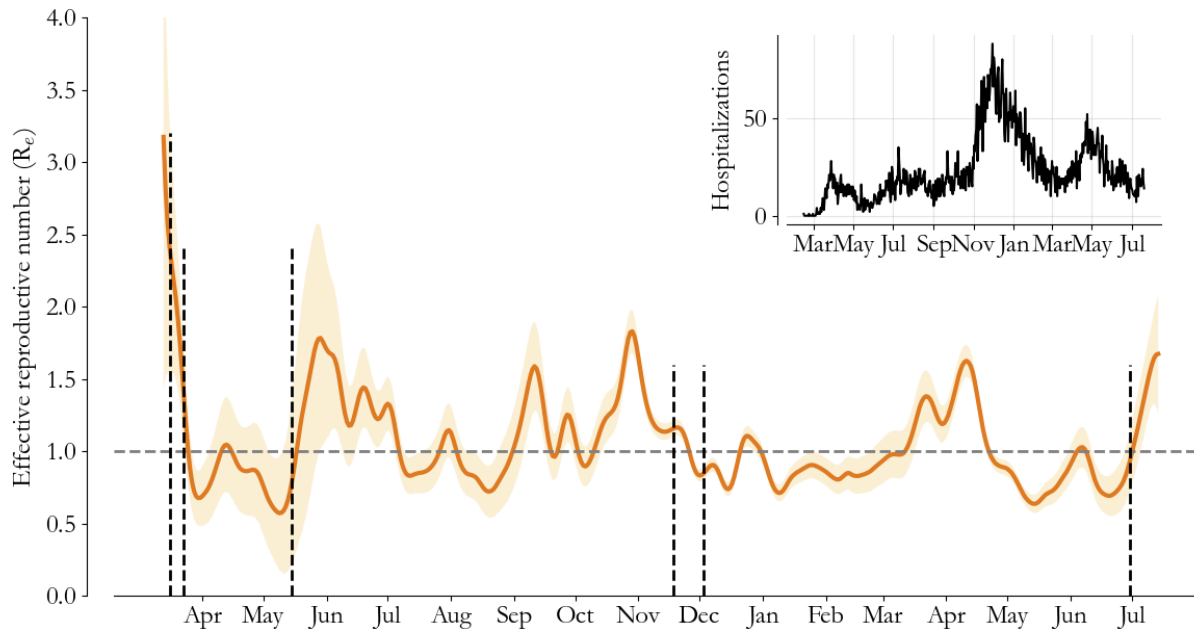
Counties by Level of Community Spread



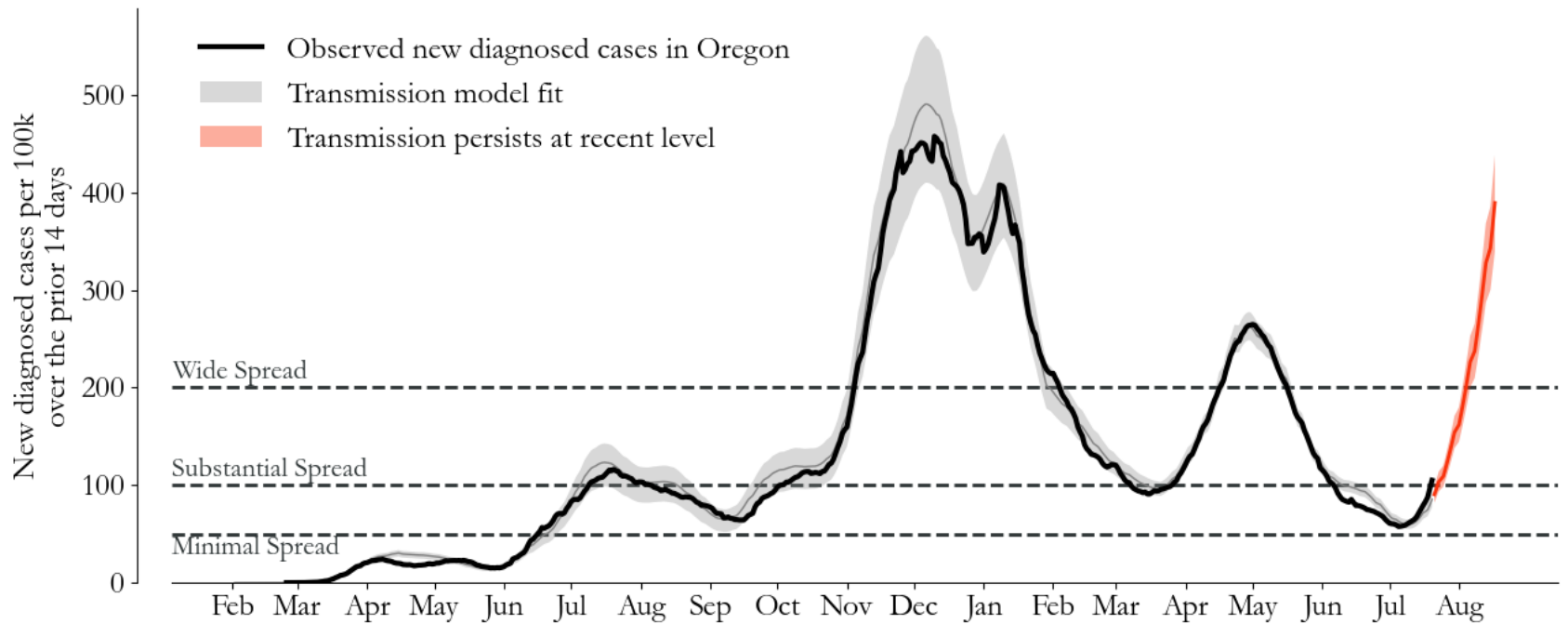
Indicators	Applies to	Minimal Spread	Moderate Spread	Substantial Spread	Widespread
Rate of COVID-19 cases per 100,000 over 14 days	Large counties (30,000+ people)	<50.0	50.0 to <100.0	100.0 to <200.0	≥200.0
Number of COVID-19 cases over 14 days	Small and Medium counties (<30,000 people)	<30	30 to <45	45 to 59	≥60
Percentage test positivity over 14 days	Medium and Large counties (>15,000 people)	<5.0%	5.0% to <8.0%	8.0% to <10.0%	≥10.0%

LATEST PROJECTIONS

Re Estimates over Time with 95% Confidence Intervals



Observed Diagnosed Cases with Projections



<https://www.oregon.gov/oha/covid19/Documents/DataReports/Epidemic-Trends-and-Projections.pdf>
07.29.2021

Acknowledgement: Melissa Sutton

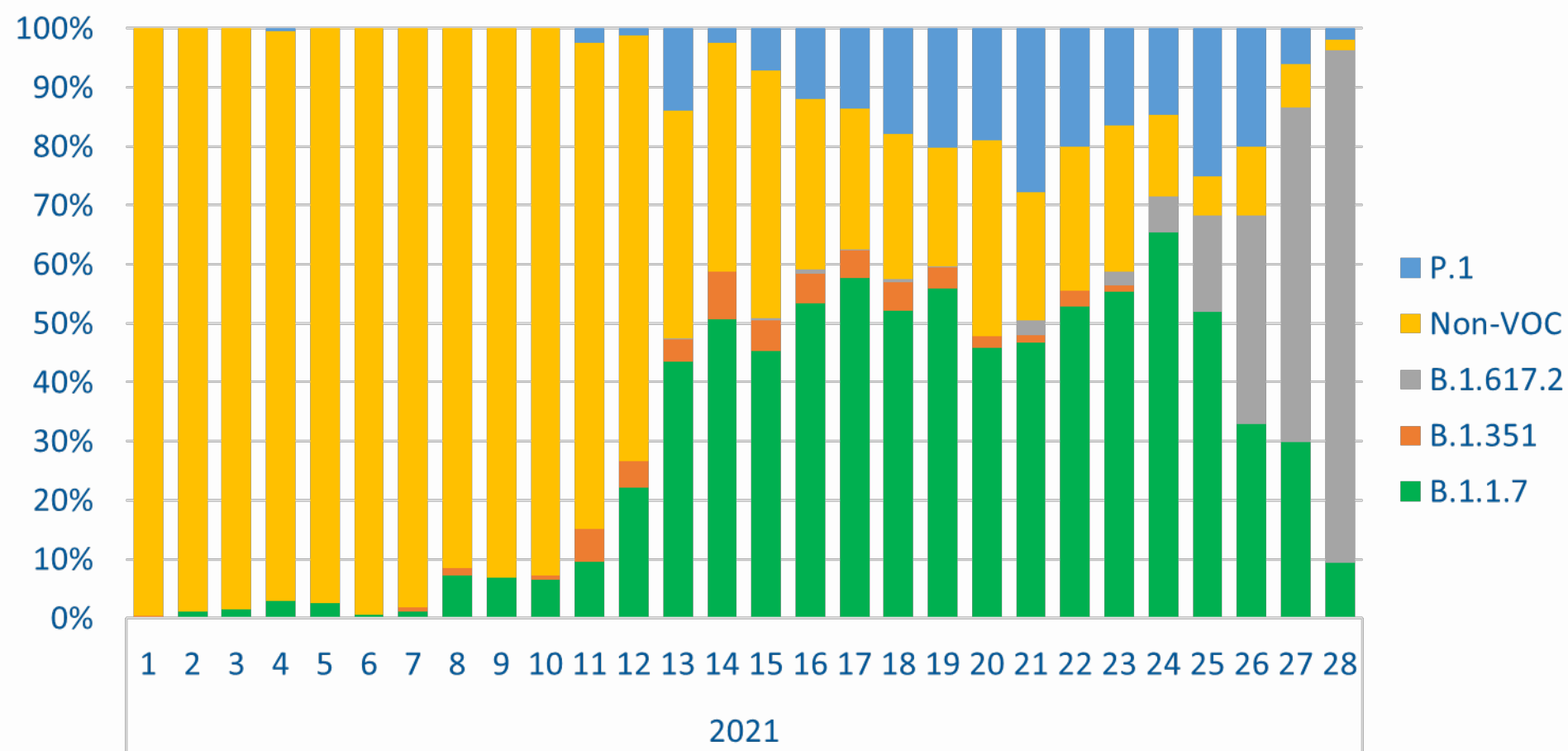
ADVANCED MOLECULAR DETECTION: SEQUENCING SURVEILLANCE

Situational overview: variants

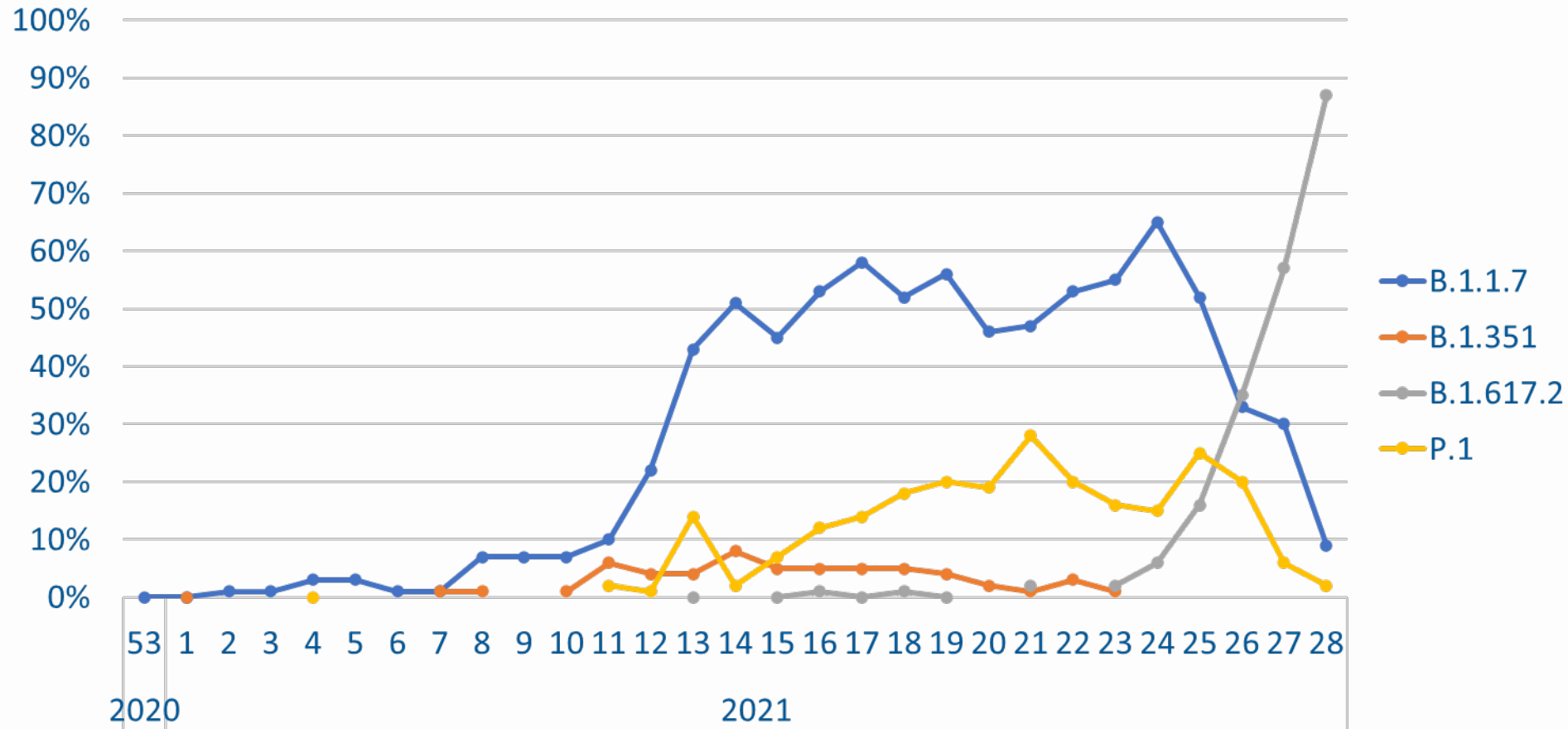
B.1.1.7 (alpha)		P.1 (gamma)		B.1.351 (beta)		B.1.617.2 (delta)			
2,314		658		188		159			
B.1.427/429 (epsilon)		B.1.525 (eta)		B.1.526 (iota)		B.1.617.1 (kappa)		B.1.617.3	
1,202		9		339		0		0	

- Oregon has sequenced **10,400+** specimens
 - 4.9% of all specimens
 - rank 8th nationwide
- **B.1.617.2** now dominant at >80% and increasing
 - Concerns 2-3-fold more transmissible than early variants
 - Reduced vaccine/monoclonal antibody treatment effectiveness
 - Lower VE against symptomatic infection—40-64% in Israel (without masking)
 - VE against severe illness high
 - No evidence of increased severity
- **B.1.1.7** falling, currently 10% of all variants
 - Concerns 50-60% more transmissible, more severe illness
- **P.1** falling, currently <5% of all variants
 - Concerns 40-120% more transmissible, more severe illness, reduced vaccine/monoclonal antibody treatment effectiveness

SARS-CoV-2 variant of concern circulation in Oregon by MMWR week, 2021



Proportional variant of concern circulation in Oregon by MMWR week



Delta Updates

- Viral load information from cycle threshold data
 - Delta infection achieves lower Ct values for both unvaccinated and vaccinated individuals indicating higher viral loads
- Clinical epidemiological data
 - In unvaccinated Delta infections are about 2x as infectious as “wild type”
 - Remains unclear how much more infectious it is in vaccinated
- Data relevant to testing, isolation and quarantine
 - Unvaccinated appear to be infectious earlier with incubation about 2 days earlier and viral load peaks higher
 - No data on how long people shed virus (are infectious)
- Vaccine effectiveness – Israel data
 - Remains high (around 90%) against hospitalizations
 - Decreased to 40.5% (8.7-61.2%)

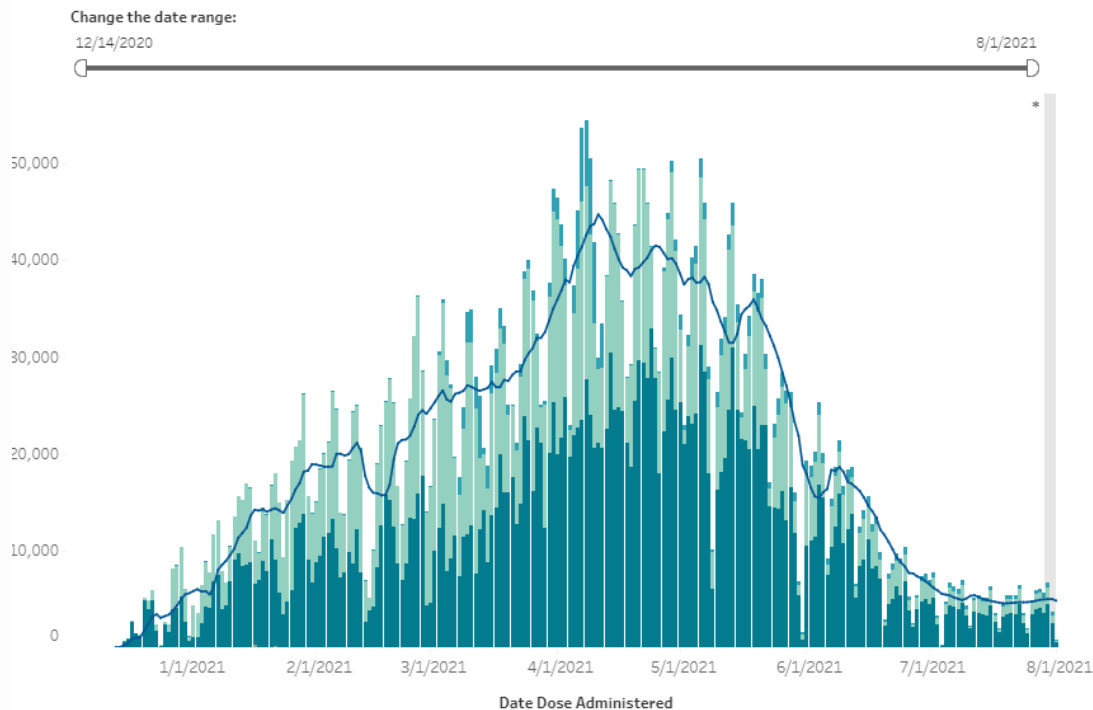
VACCINATION UPDATE

Vaccinations by Day

Oregon's Vaccination Trend: Doses Administered by Day

This chart shows the total number of COVID-19 vaccine doses that have been reported to Oregon's ALERT IIS by day and manufacturer.

*Doses administered during this time may not yet be reported.



Doses Administered

**The number of doses administered and people vaccinated may not match. Please see below for more detail.

2,666,578 Pfizer

1,787,728 Moderna

182,009 Johnson & Johnson

2,410 Unspecified

4,638,725 Total Doses Administered

**People Vaccinated

180,296 Series In Progress

2,314,786 Series Complete†

2,495,082 Total People

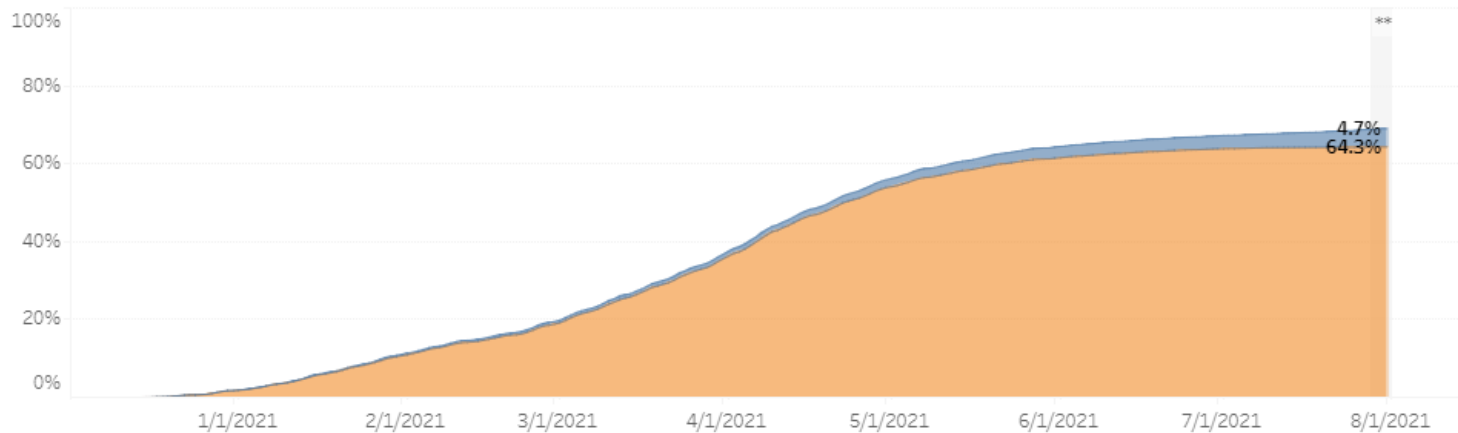
Percentage Vaccinated in Oregon

Percent of people 18+ years old living in Oregon who received COVID-19 vaccine*

Vaccination rates over time

69.0% are vaccinated, 4.7% are in progress while 64.3% have completed the series.

Percent change between 07/22/2021 to 07/29/2021.



Change the date axis:

% Vaccinated	People Vaccinated	Selected Population	80% of Selected Population	People Remaining to Reach 80%	7 Day Running Average People Initiated	Per Day Goal Until August 31st	Absolute Percent Change	Relative Percent Change
69.0%	2,348,054	3,403,051	2,722,441	374,387	2,504 per day	12,910 per day	▲ 0.5%	▲ 0.8%

◆ **Vaccinated:** People who have received at least one dose of any COVID-19 vaccine (Moderna, Pfizer, Johnson & Johnson)

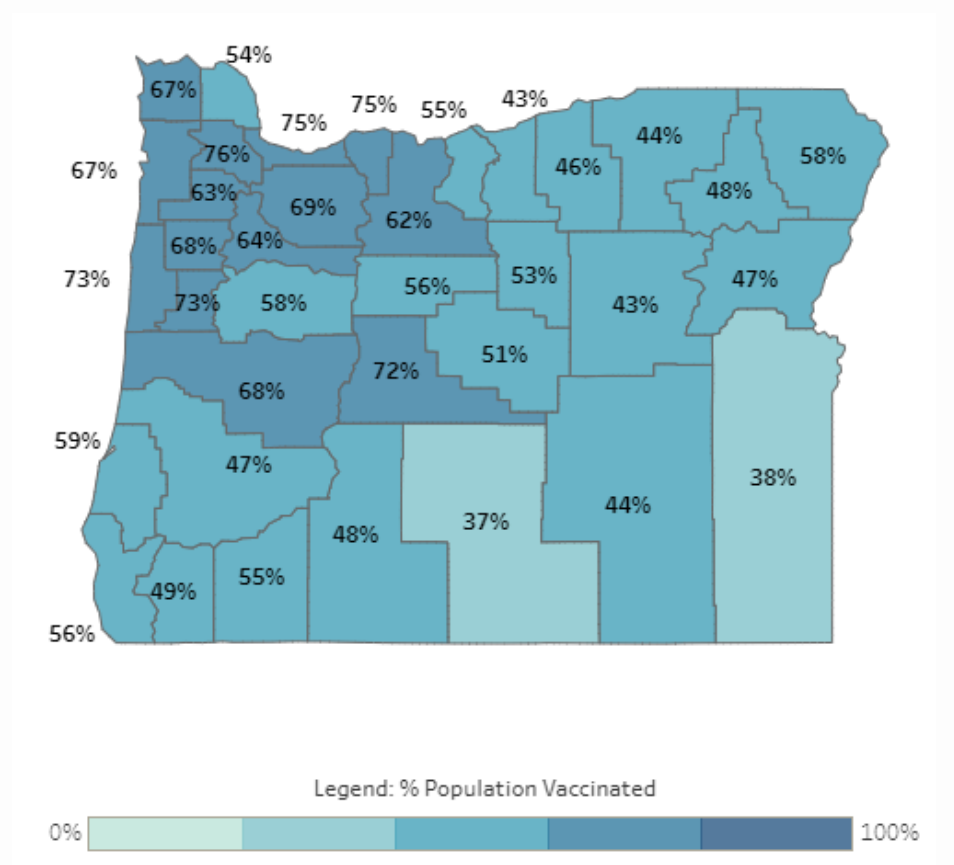
◆ **In Progress:** People who still need to receive a second dose of the Moderna or Pfizer COVID-19 vaccines

◆ **Series Complete:** People who have received two doses of Moderna vaccine, two doses of Pfizer, or one dose of Johnson & Johnson

<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19VaccineEffortMetrics/StatewideProgress>
 Accessed 08.02.2021



Vaccination Rates by County – 18+

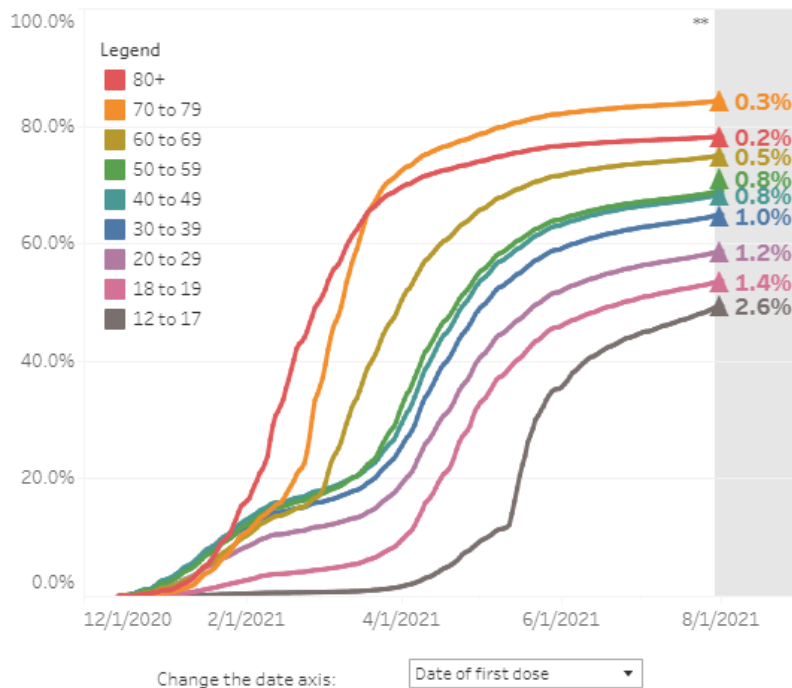


<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19VaccineEffortMetrics/StatewideProgress>
Accessed 08.02.2021

Vaccination Rates Over Time by Age

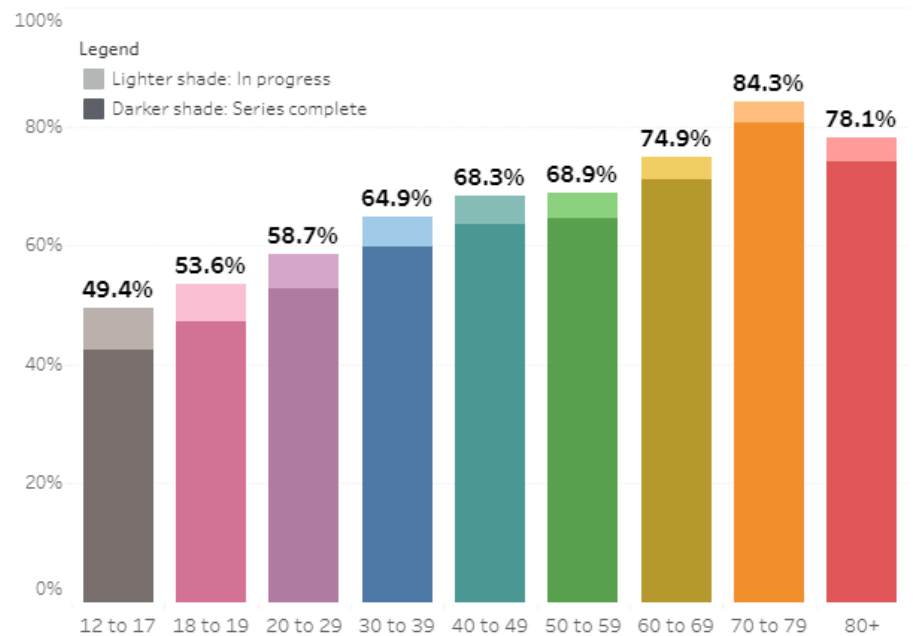
People vaccinated over time by age

Labeled with relative percent change between 07/22/2021 to 07/29/2021



Current vaccination rates by age

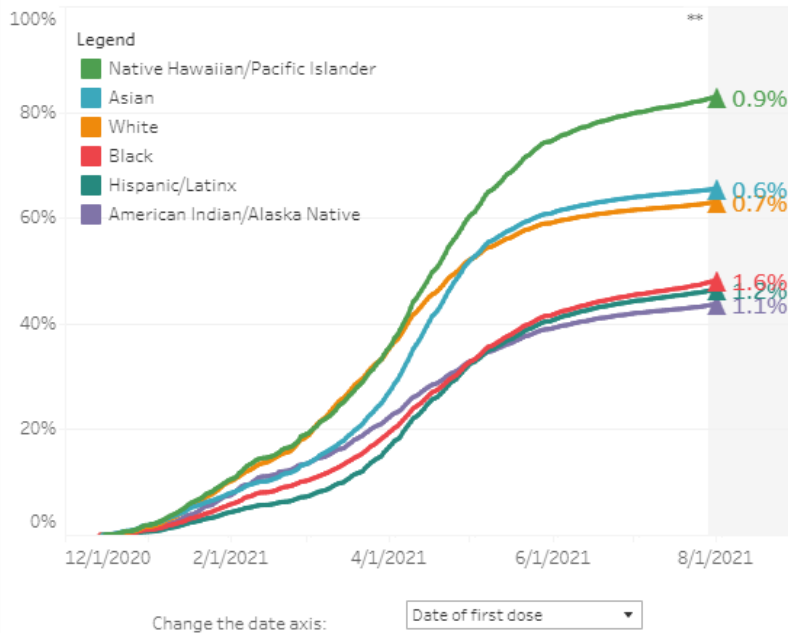
Labeled with % people vaccinated with at least one dose



Vaccinations by Race and Ethnicity – 18+

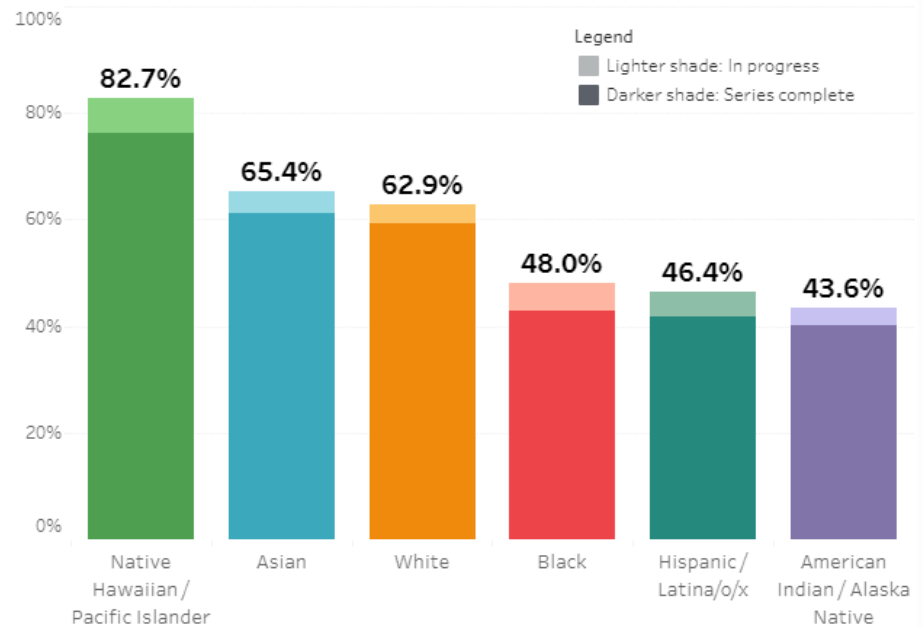
People vaccinated over time by rarest race and ethnicity

Labeled with relative percent change between 07/22/2021 to 07/29/2021



Current vaccination rates by rarest race and ethnicity

Labeled with % people vaccinated with at least one dose



Science Brief: Community Use of Cloth Masks to Control the Spread of SARS-CoV-2

Updated May 7, 2021

[Print](#)

Summary of Recent Changes

- Last updated May 7, 2021 ^

- Data were added from studies published since the last update that further demonstrate that mask wearing reduces new infections.
- Data were added that demonstrate the importance of mask fit to improve performance and reduce community exposure to SARS-CoV-2.
- A section was added on the health effects of mask wearing.

On This Page

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[Source Control to Block Exhaled Virus](#)

[Adverse Health Effects of Mask Wearing](#)

[Filtration for Wearer Protection](#)

[Conclusions](#)



Questions/ Discussion