
COVID-19 in Oregon

Dr. Sidelinger

May 12, 2021

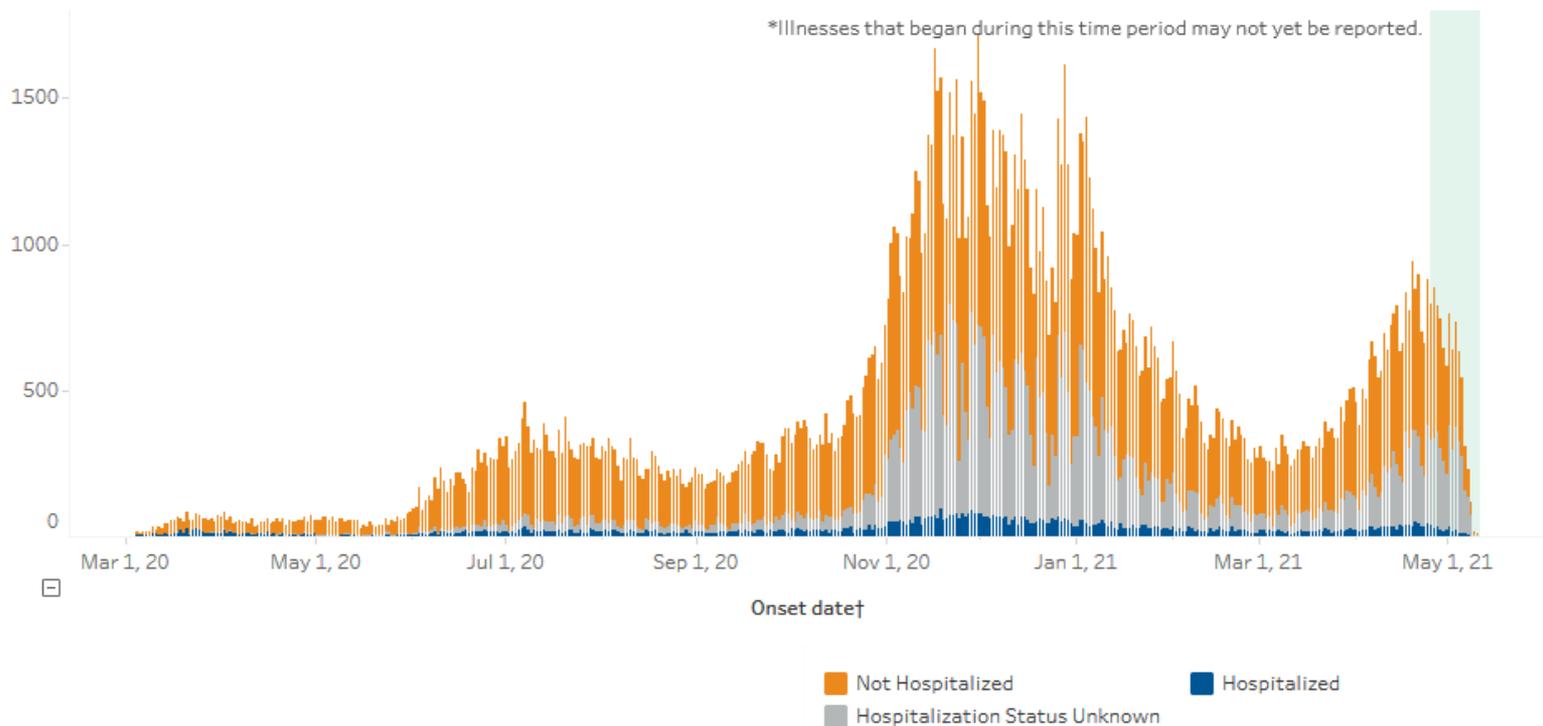
DATA UPDATE

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
192,416	10,545	128,716	53,155

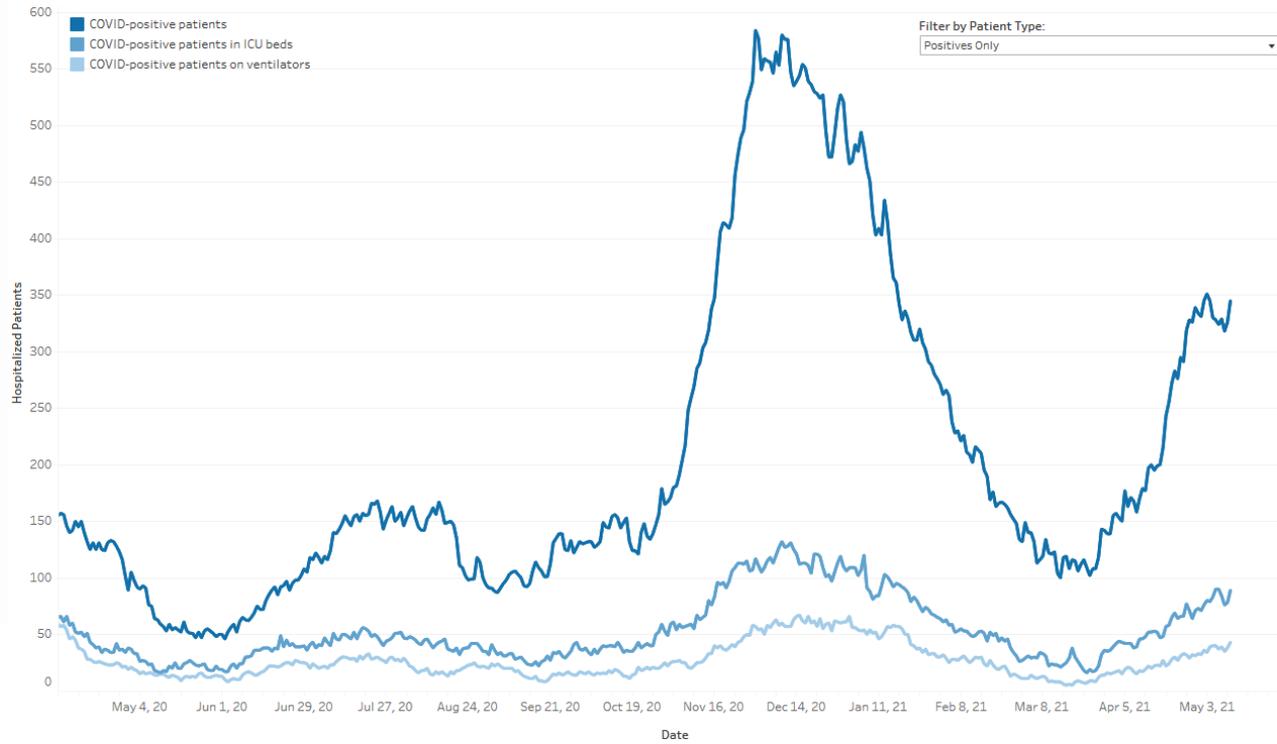


https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonHealthAuthorityCOVID-19DataDashboard/COVID-19Epicases?display_count=y&toolbar=n&origin=viz_share_link&:showShareOptions=false
Accessed 05.11.2021

Hospitalizations by Severity

Oregon's Hospitalization Trends by Severity

This chart shows daily COVID-19 hospitalizations and whether patients were in the ICU or on ventilators, as reported to Oregon's Hospital Capacity Web System (HOSCAP)¹. It initially displays only those who tested positive, but you can view all suspected or confirmed patients² using the dropdown menu below. Click on a legend item to highlight it in the chart (ctrl+click to select multiple items).



<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19HospitalCapacity/BedAvailabilitybyRegion>
Accessed 05.11.2021

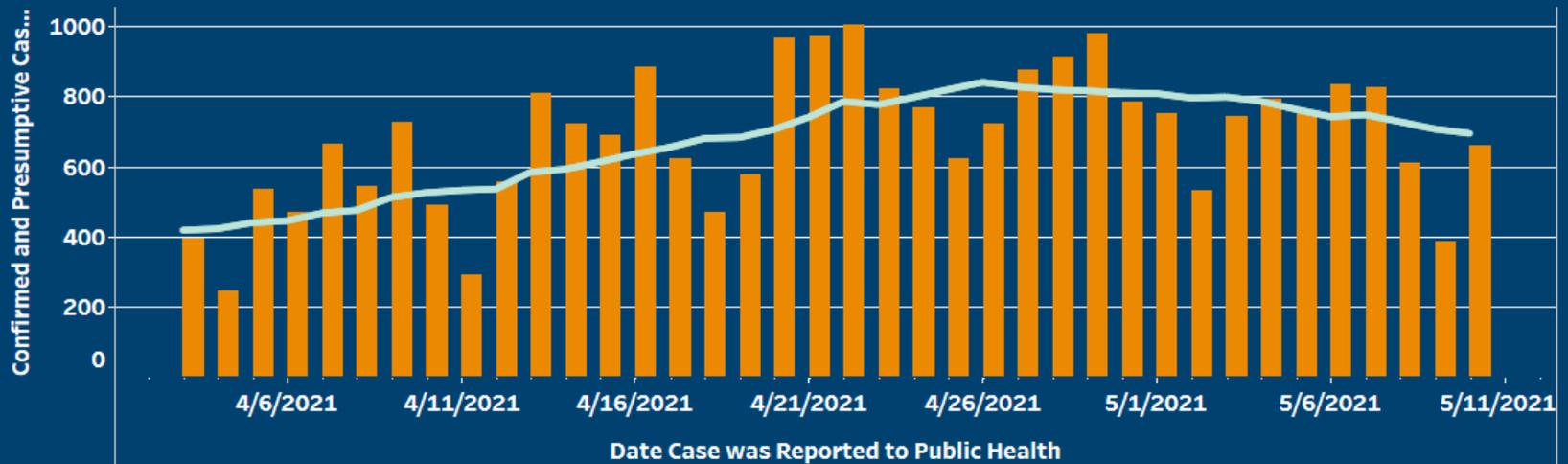
Daily Update

Daily Statewide Numbers On May 11, 2021

New Cases	7 Day Daily Average of Cases	COVID-19 Patients Hospitalized†	Tests Reported	Test Positivity	New Deaths
660 ▲*	694	345 ▲	12,721	6.9%	16

* Arrows indicate an increase or decrease from the previous day. †Hospitalization data from Oregon's Hospital Capacity Web System (HOSCAP).

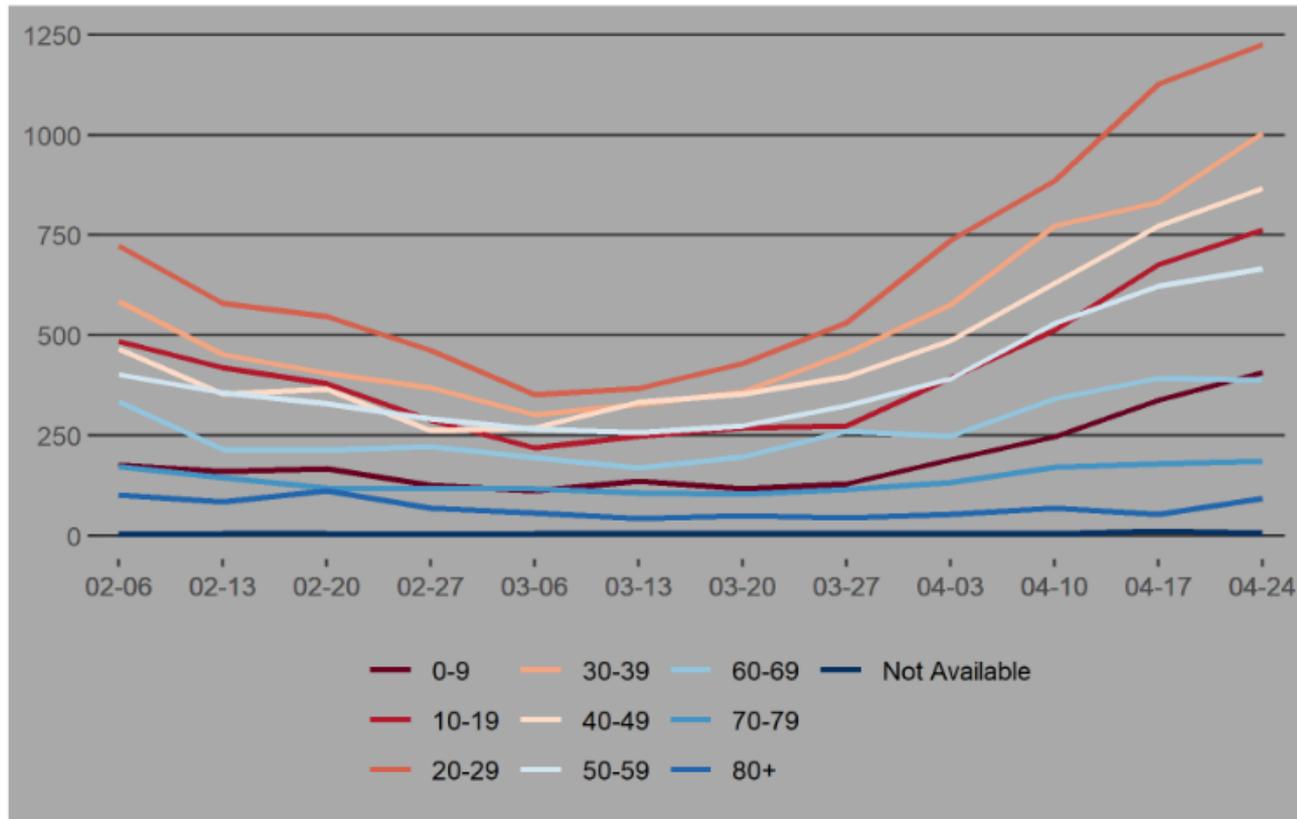
Daily Cases and 7 Day Moving Average over the Previous Six Weeks



<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19Update/DailyDataUpdate>
 Accessed 05.11.2021

CASES BY AGE

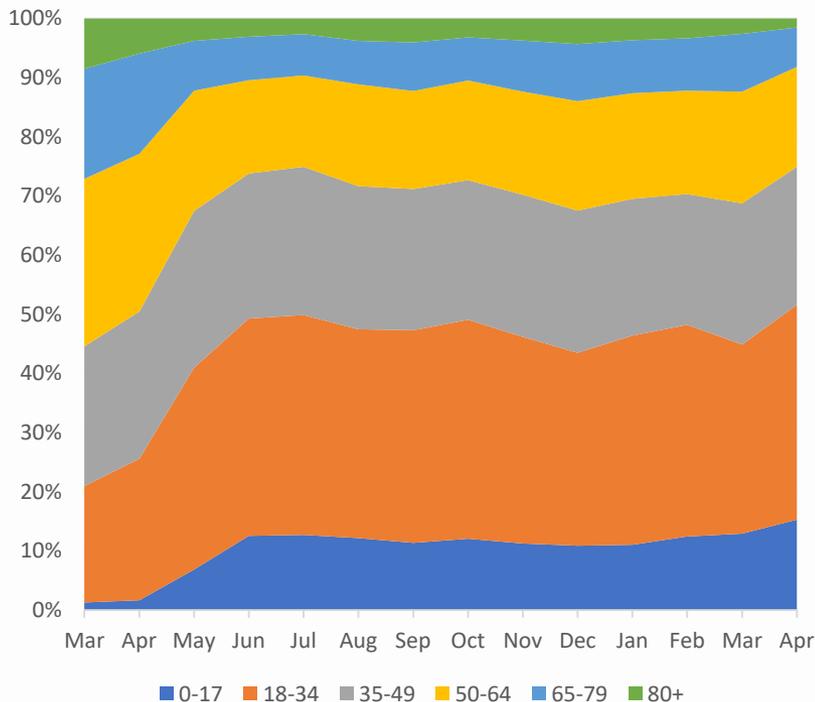
Recent Cases by Age and Week of Onset



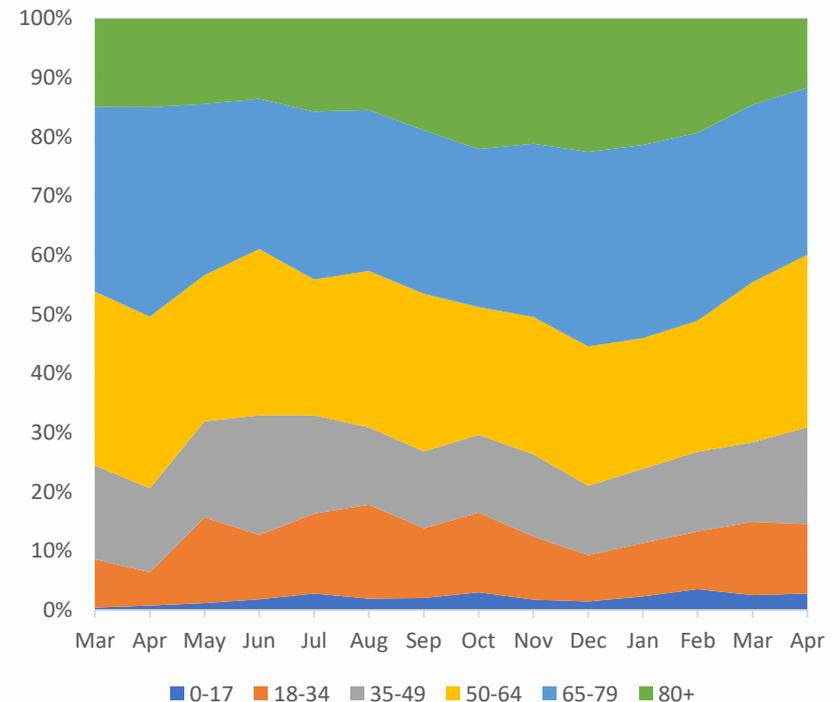
<https://www.oregon.gov/oha/covid19/Documents/DataReports/Weekly-Data-COVID-19-Report.pdf>
Accessed 05.05.2021

Statewide Cases & Hospitalizations by Age

Diagnosed cases by age and month, statewide

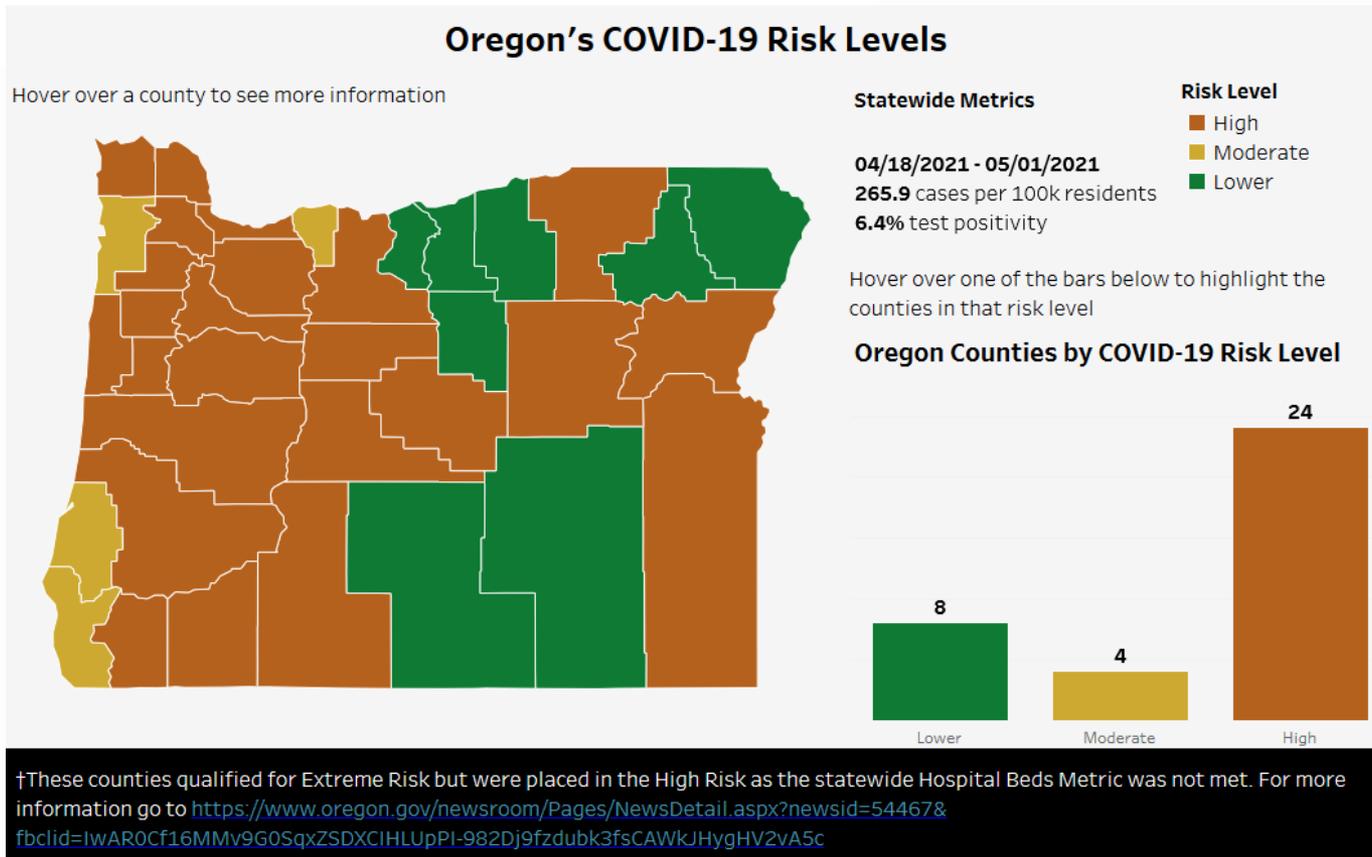


Hospitalized cases by age and month, statewide



Updated 05.03.2021

COVID-19 Risk Levels by County



<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonCOVID-19PublicHealthIndicators/Risk>
Accessed 05.10.2021

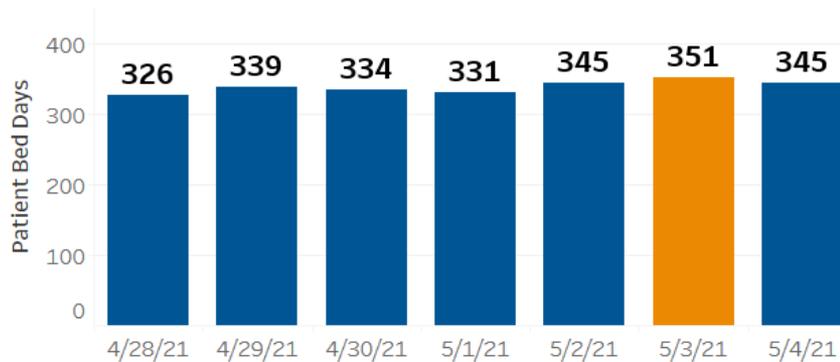
Hospital Census Metric

Seven Day Totals of COVID-19 Positive Patient Bed Days

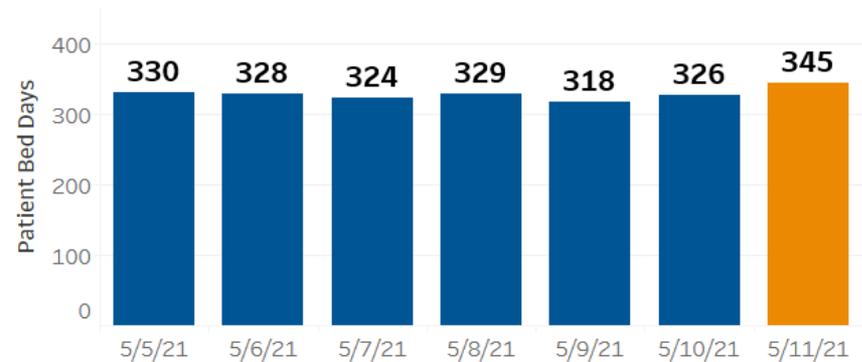


If both the Percent Change and Current Period Daily Peak boxes are red, then the metric is met.

Previous Seven Day Period COVID-19 Positive Patient Bed Days



Current Seven Day Period COVID-19 Positive Patient Bed Days



Orange indicates the highest daily number of beds occupied by COVID-19 positive patients in that seven day period.

SCHOOL STATUS

School Operating Status

Number of Schools

Data are current as of 5/10/2021

On-Site 538	Hybrid 940	CDL with Limited In-Person 66	Comprehensive Distance Learning 57	School Closed 6
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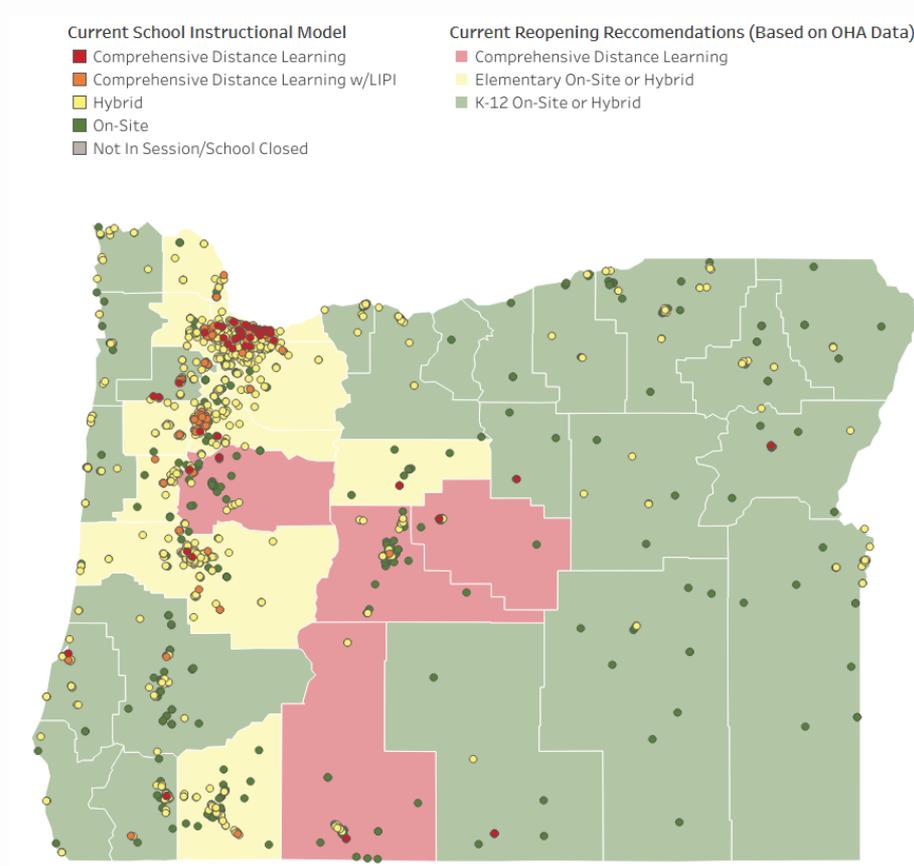
Use this dashboard to see your school's operating status and current county risk level. Select a county or type in your schools name below to zoom into the school's in that county. Selecting a county or school will also filter the table below.

The counties below are colored according to ODE's Recommendation for School Operating Status based on county level COVID-19 case counts, rates, and test positivity. These recommendations are different from the County Risk Levels put out by the Governor's Office. Schools are colored by their current instructional model as reported to ODE on Friday's of the previous week.

More information on these recommendations can be found at:

<https://www.oregon.gov/ode/students-and-family/healthsafety/Documents/Following%20the%20Metrics%20Visual.pdf>

School Operating Status Map



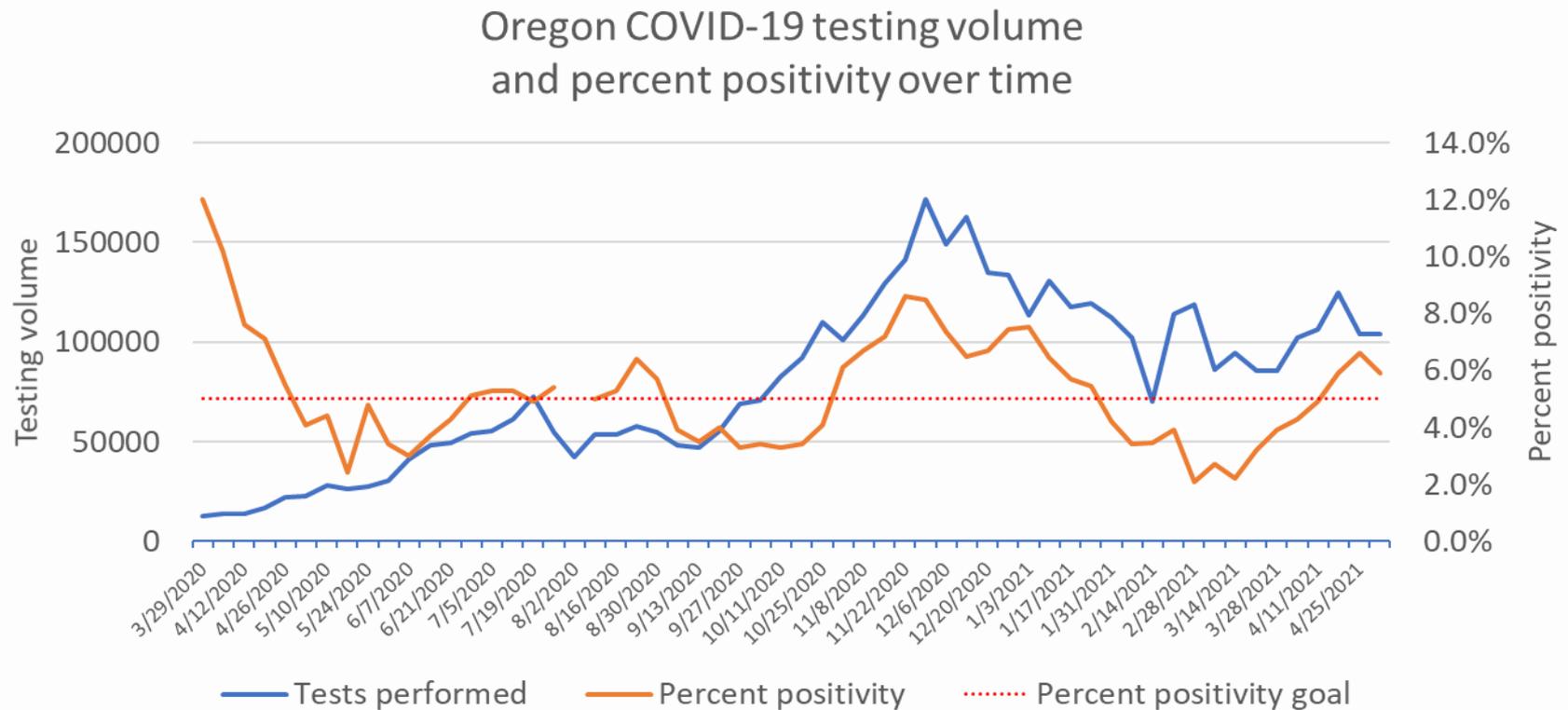
<https://public.tableau.com/profile/oregon.health.authority.covid.19#!/vizhome/OregonSchoolsReopeningStatus/SchoolReopeningMap>
Accessed 05.10.2021

Acknowledgement: Melissa Sutton

TESTING UPDATE

Testing volume trends

- From 5/2-5/8, estimated testing volume was stable at 104,192 and percent positivity improved to 5.9% (goal $\leq 5\%$)



Testing strategy updates

- **K-12 Testing in Oregon's Schools** project—**1,241** registered
 - Testing offered to all public and private K-12 schools
 - Testing required if high community transmission or high-risk sports
 - **1,744** tests performed to date; **8.03%** positivity rate
- CDC ELC has awarded **\$127 m** to Oregon to support screening in schools
 - **Screening of unvaccinated K-12 staff launched** in partnership with Willamette Valley Toxicology
 - Confidential, by-mail PCR testing
 - Attempting to quickly adapt software platform to allow registration in Spanish as well as English
 - Screening of camp staff and overnight camp cohorts being planned
 - Screening will expand to students for the 2021-22 academic year

Testing strategy updates

- **Expanding testing access** with new CDC ELC Enhancing Detection: await contracts approval from ELC which was delayed by new ELC Screening supplement
 1. **Bridging exposed contacts to testing** through mail-in testing resources
 - OHA would cover cost for uninsured
 2. **Expanding CBO partnerships to plan and assist at testing events**
 - OHA would fund CBOs for their collaboration with this essential work
 3. **Expanding CBO partnerships to understanding testing barriers** in disproportionately impacted communities
 - OHA would fund CBOs to gather detailed information that could inform our work and CDC
 4. **Supporting targeted testing of disproportionately impacted populations** through regional framework
 - Reimbursement for testing of uninsured populations
 5. **Supporting OHA mobile testing**

April Surge Testing Events Summary

- **13 events in 8 counties:** Baker (1), Clackamas (1), Deschutes (3), Grant (2), Hood River (2), Jackson (1), Multnomah (1), Wasco (1)
 - **707 tests conducted**
 - **29 cases identified; 5.08% positivity rate overall**
- Race and ethnicity of those tested (may choose more than one)
 - 82.7% White
 - 12% Hispanic
 - 5.66% Unknown
 - 2.6% American Indian/Alaska Native
 - 1.8% Asian
 - <1% Black/African American
 - <1% Pacific Islander

Acknowledgement: Melissa Sutton

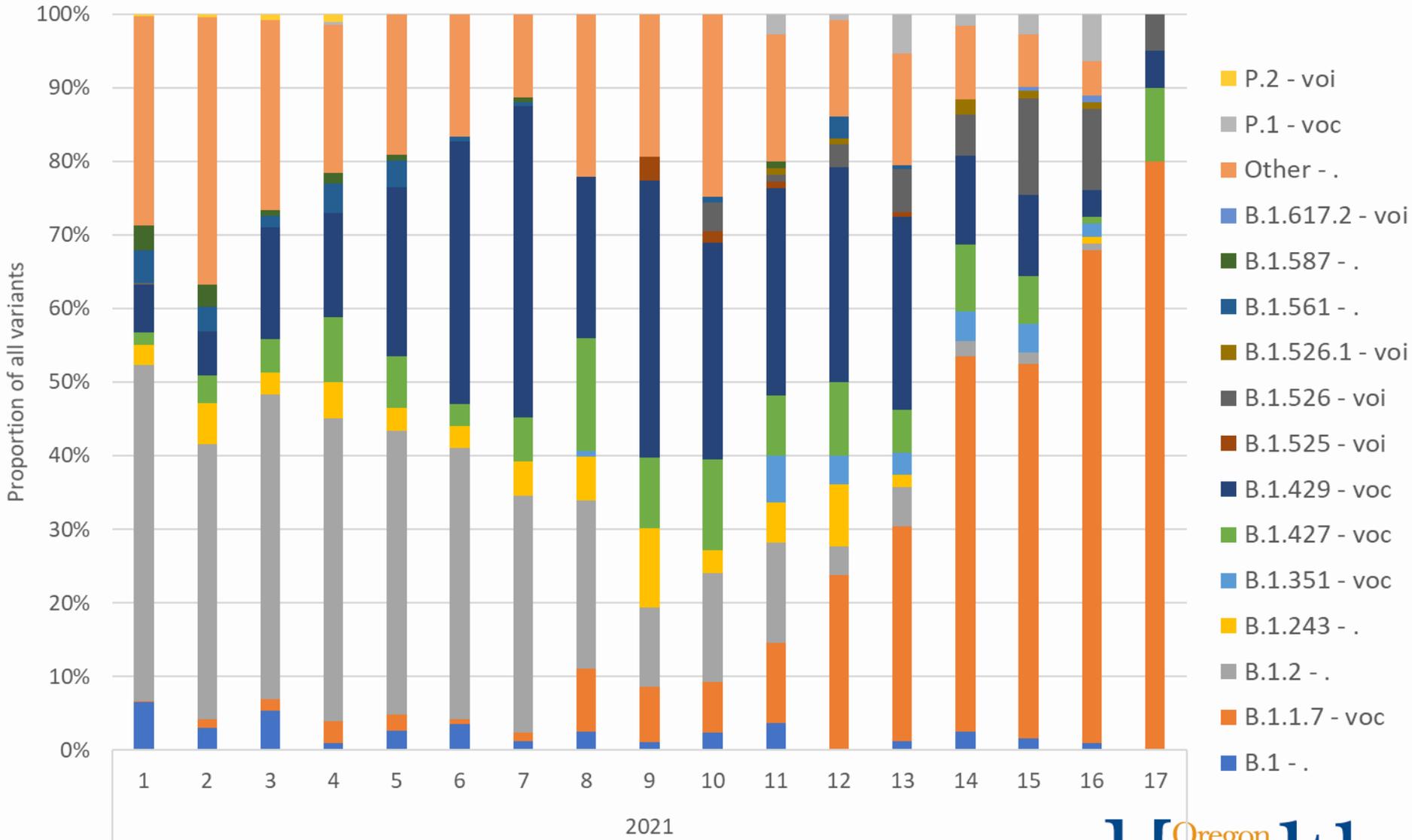
ADVANCED MOLECULAR DETECTION: SEQUENCING SURVEILLANCE

Situational overview: variants

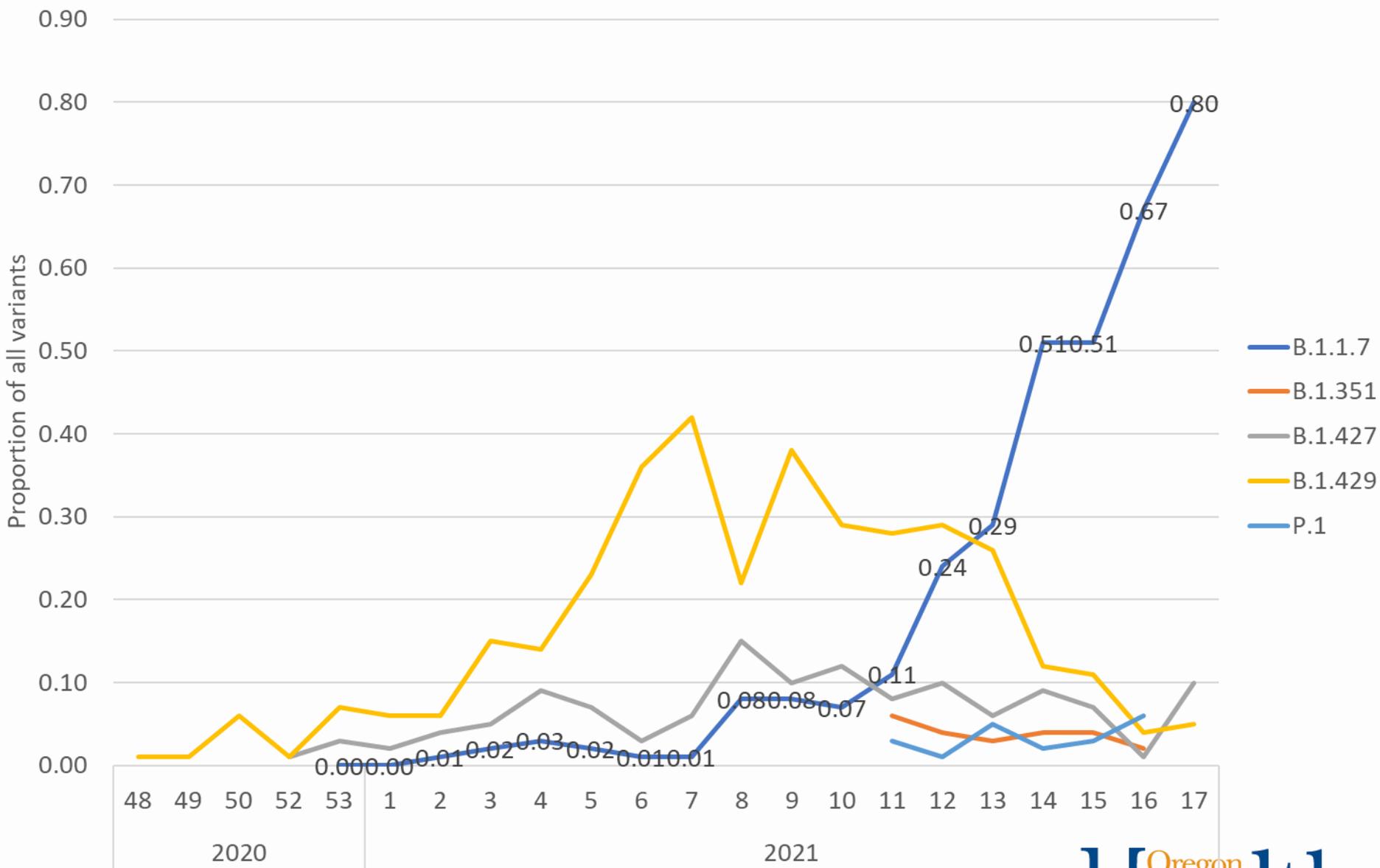
B.1.1.7		B.1.351		B.1.427		B.1.429		P.1	
425		35		196		586		29	
B.1.525	B.1.526	B.1.526.1	B.1.617	B.1.617.1	B.1.617.2	B.1.617.3	P.2		
7	9	5	0	0	2	0	4		

- Oregon has sequenced **5,823** specimens (3.12% of all specimens; rank 5th nationwide) since the beginning of the pandemic
- 1,271 variants of concern (VOCs) and 93 variants of interest (VOIs)
- Trends:
 - B.1.1.7 has quickly become dominant and now represents up to 80% of all specimens sequenced
 - Concerns 50-60% more transmissible, more severe illness
 - P.1 has slowly increased to up to 6% of all specimens sequenced, projected to increase nationwide
 - Concerns more transmissible, more severe illness, vaccine effectiveness
 - B.1.351 persistent at low level

SARS-CoV-2 Variant Circulation in Oregon 2021



SARS-CoV-2 Variant of Concern Circulation in Oregon



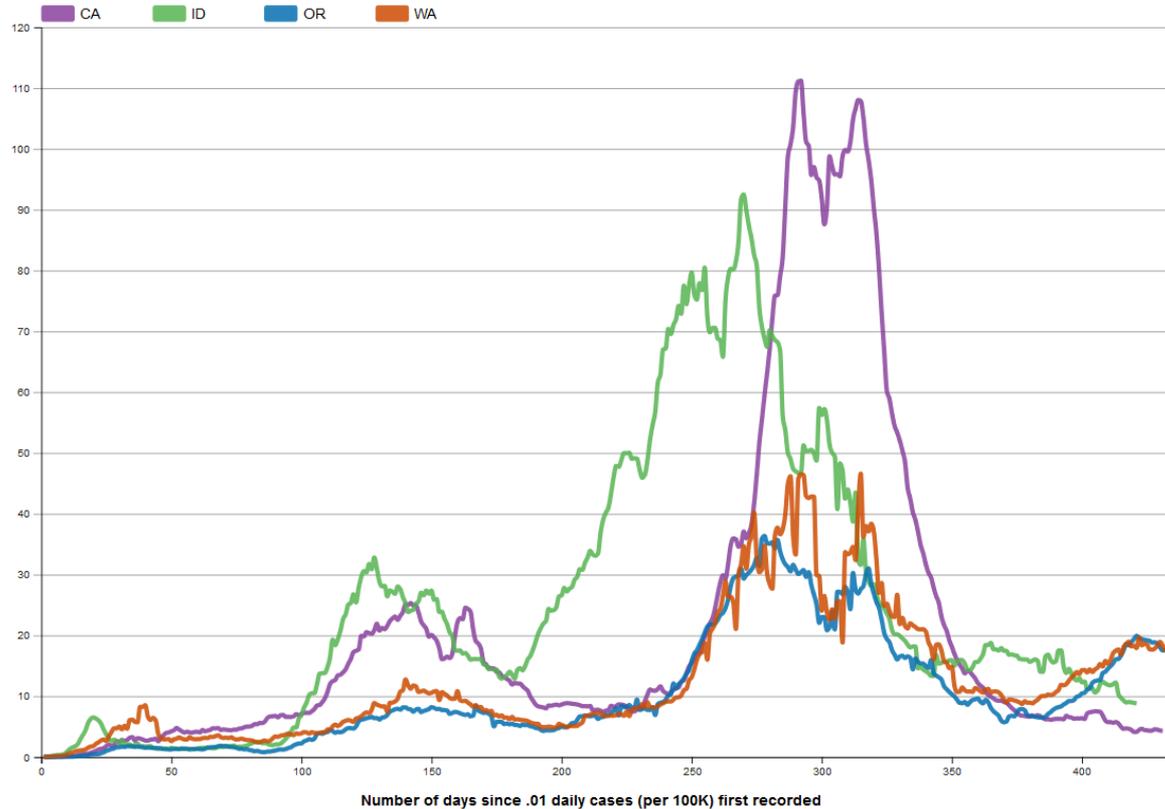
HOW DO WE COMPARE

National comparisons

- Disease burden: has increased significantly
 - Last 7 days:
 - Daily cases/100,000 rank **42nd lowest** of 50 states
 - Daily deaths/100,000 rank **13th lowest** of 50 states
 - To date:
 - Cumulative cases/100,000 rank **3rd lowest** of 50 states
 - Cumulative deaths/100,000 rank **5th lowest** of 50 states
- Recent testing volume: remains mid-pack
 - Last 7 days:
 - Daily PCR tests/100,000 rank 23rd
 - To date:
 - Cumulative PCR tests/100,000 rank 45th
- Seroprevalence estimate: 6.3%, rank 4th

Regional Comparisons

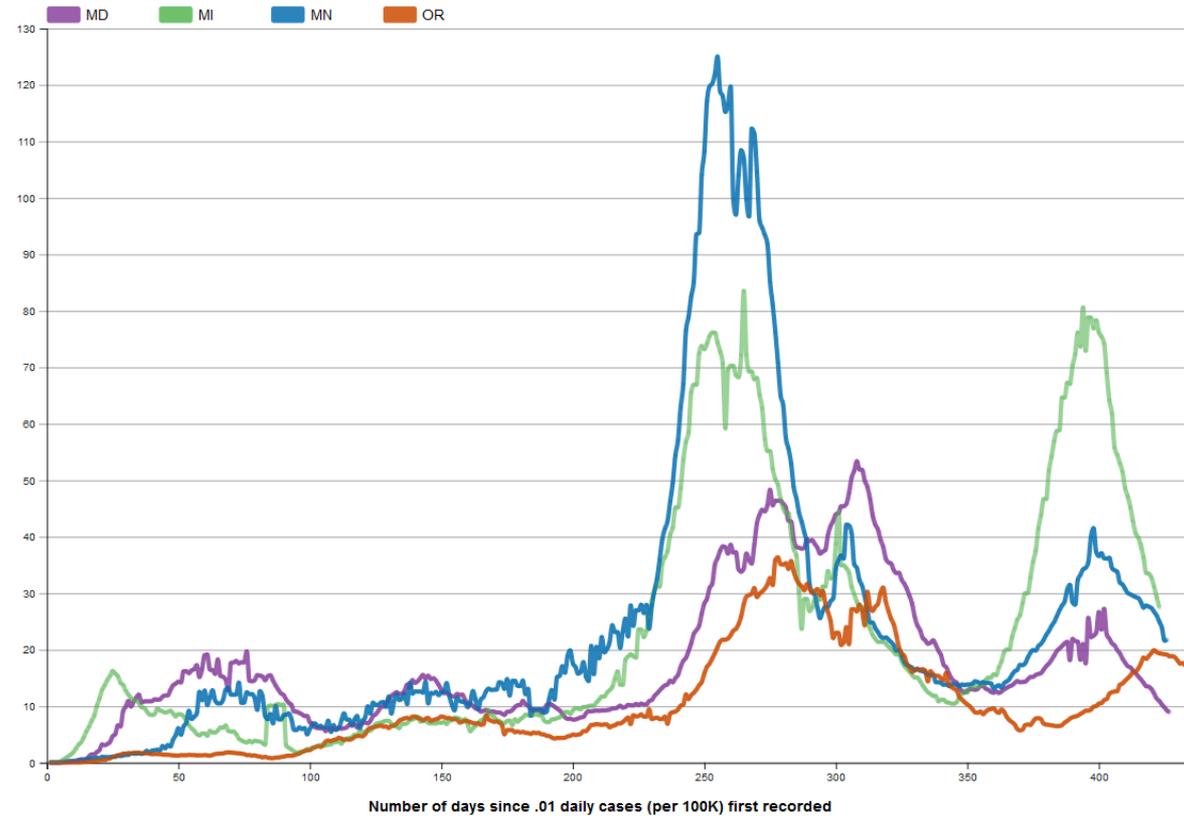
Seven-day moving average of new cases (per 100K), by number of days since .01 average daily cases (per 100K) first recorded.



<https://covid.cdc.gov/covid-data-tracker/#datatracker-home>
Accessed 05.11.2021

Select National Comparisons

Seven-day moving average of new cases (per 100K), by number of days since .01 average daily cases (per 100K) first recorded.



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Questions/ Discussion