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COVID-19 Project Data Brief (WOU Community Health + Polk County), February 22, 2021

WOU Community Health

Polk County Health Services

Maddie Dirren

Western Oregon University, dirrenm@mail.wou.edu

Queenie Love Agbayani

Western Oregon University, qagbayani14@wou.edu

Jenny Leon-Perez

Western Oregon University, leonperezj@mail.wou.edu

See next page for additional authors

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Authors

WOU Community Health, Polk County Health Services, Maddie Dirren, Queenie Love Agbayani, Jenny Leon-Perez, Emily Vala-Haynes, Megan Patton-Lopez, and Leanne Cusack

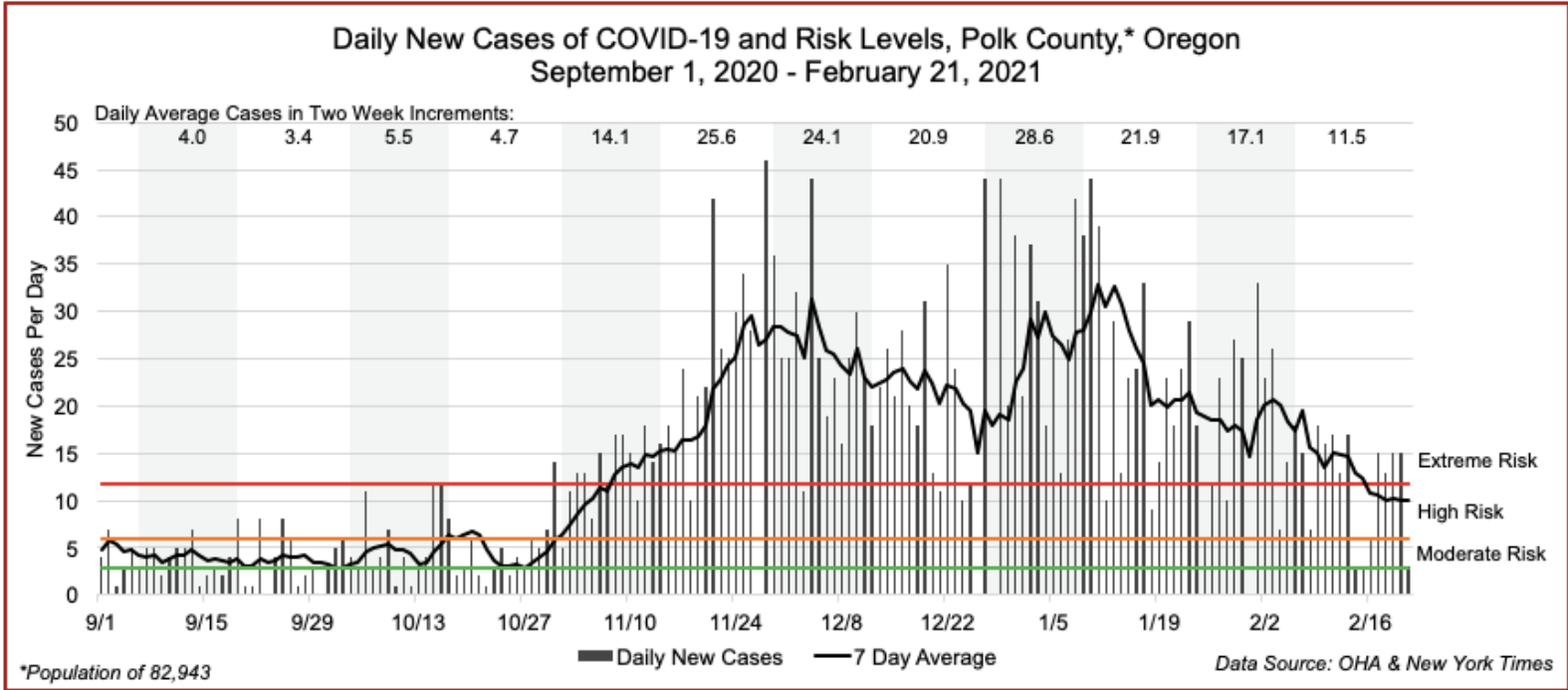
COVID-19 Project

Data Brief

Cumulative Case Numbers:
Oregon: 152,818 • Polk: 2,981 • Marion: 18,183

Individuals Currently Being Traced by WOU Contact Tracing Team: **99**
(Last Week: 127) As of 8:00am 2/22

County Rankings of Incidence in the Last Week
Polk: 15th (was 11th) • Marion: 21st (was 20th)
*Out of 36 Counties; 1st = highest incidence



Main Takeaways:

In order to move from extreme to high risk, Polk County needed to drop below 200 cases per 100,000 people over two weeks.

- **What does that look like in real numbers?**
 - Less than 166 total cases over a two week period
 - Average less than 11.8 cases per day
- **Where have we been?**
 - October 2020 was our last time at a high-risk level
- **Where are we now?**
 - Grey shaded columns represent two week periods
 - 161 total cases over the past two weeks
 - Averaged 11.5 cases per day
- **How about moderate or low risk?**
 - Moderate = average 5.9 cases per day
 - Low = average 3.0 cases per day

OHA Risk Levels:
Calculated over a two week period

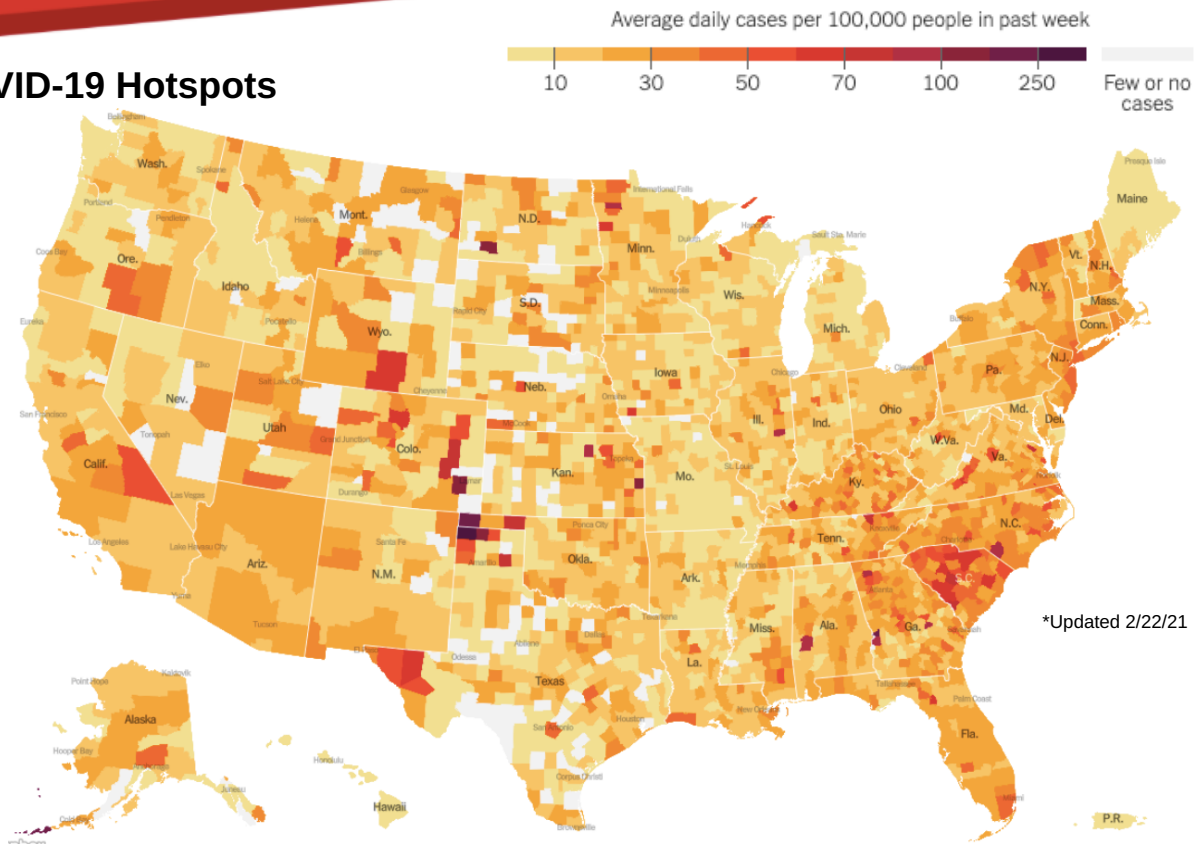
- Extreme risk: ≥ 200 per 100,000
- High risk: 100-199 per 100,000
- Moderate risk: 50-99 per 100,000
- Low risk: < 50 per 100,000

Polk County Vaccine Update:

- 15.9% of the population have received at least one shot, ranking 3rd in Oregon
- Newly eligible as of 2/22: Ages 70+
- For detailed information on how to schedule an appointment in Polk County, visit [Salem Health](#) or call 503-814-SHOT



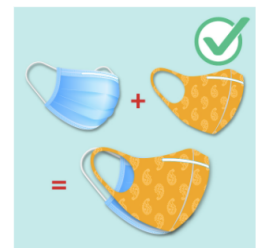
U.S. COVID-19 Hotspots



Virus Variant Update

The prevalence of variants is increasing. Several of these variants seem to spread more easily and quickly than other variants, which may lead to more cases of COVID-19. An increase in the number of cases will put more strain on health care resources, lead to more hospitalizations, and potentially more deaths. Because efficacy of vaccines against variants is still being studied, social distancing and mask wearing remain extremely important. We have created a table to help you understand newly published research on the effectiveness of masks.

Mask Type	Filtration ¹	Combined efficiency (both people masked)	Maximum combined efficiency (both people masked, socially distanced, good ventilation)
N95	95%	>99%	>99%
Surgical mask	70%	>90%	>99%
Cloth mask	20-70% ²	See footnote	See footnote
Double masking: Cloth over surgical mask³	At least 70%	>90%	>99%



Double masking: cloth over surgical mask

¹ Efficiency against respiratory aerosols that may carry the virus

² Depending on material—tightly woven fabric is best

³ This improves both filtration and fit. A mask must be flush against both the nose and the cheeks.