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## COVID-19 Project Data Brief (WOU Community Health + Polk County), February 8, 2021

WOU Community Health

Polk County Health Services

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**Authors**

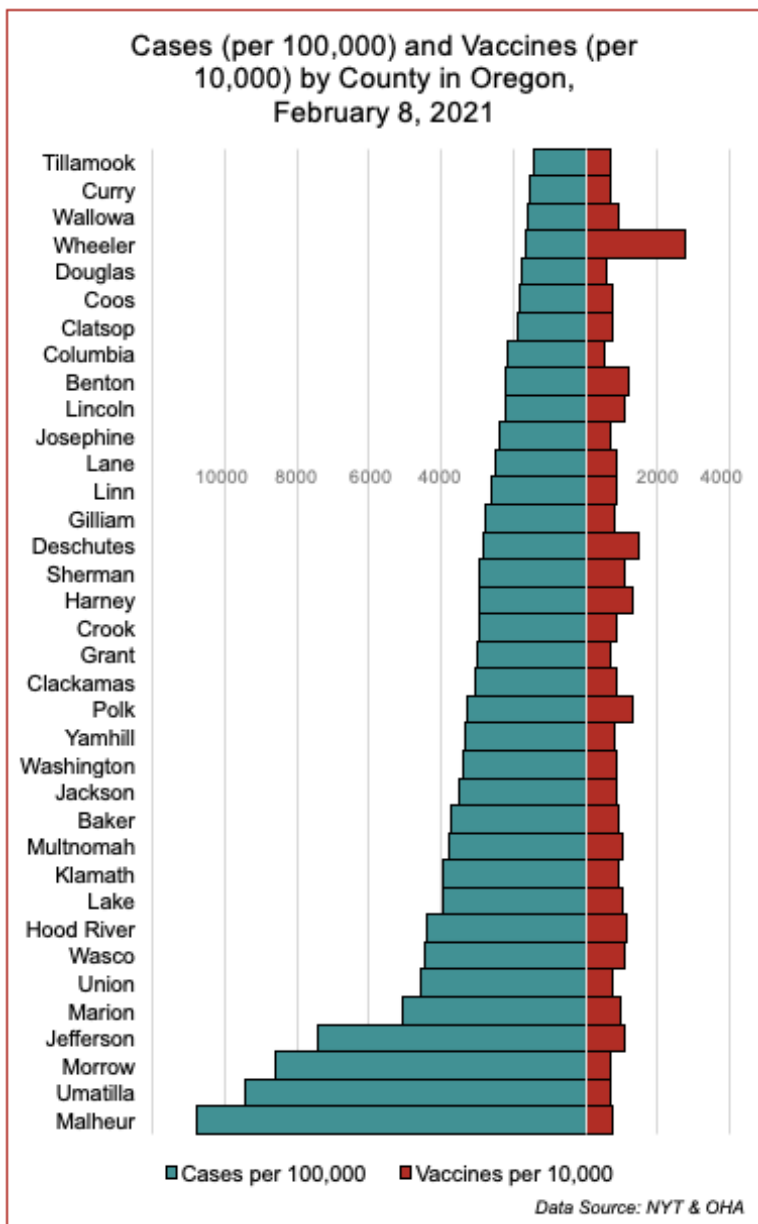
WOU Community Health, Polk County Health Services, Maddie Dirren, Queenie Love Agbayani, Jenny Leon-Perez, Emily Vala-Haynes, Megan Patton-Lopez, and Leanne Cusack

Data Brief

**Cumulative Case Numbers:**  
 Oregon: 147,122 • Polk: 2,820 • Marion: 17,181

**Individuals Currently Being Traced by WOU Contact Tracing Team: 146**  
 (Last Week: 96) As of 8:00am 2/8

**County Rankings of Incidence in the Last Week**  
 Polk: 10th (was 13th) • Marion: 11th (was 10th)  
 \*Out of 36 Counties; 1st = highest incidence

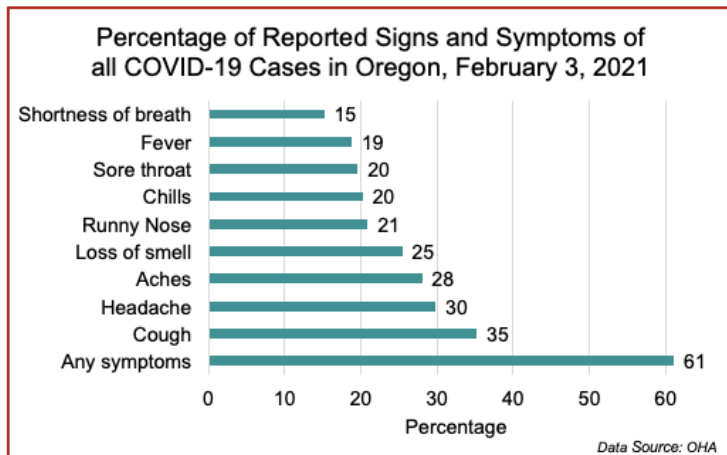


**County COVID-19 Cases vs Vaccinations (left):**

- Malheur, Umatilla, Morrow, and Jefferson Counties lead in total COVID-19 cases, while Wheeler, Deschutes, Harney, and Polk Counties lead in vaccination rates.
- Individuals in Phase 1A, Groups 1-4 and Phase 1B Groups 1-2 are currently eligible for the vaccine.
- For detailed information on how to schedule an appointment in Polk County, visit [Salem Health](#).
- Salem Health also has a hotline for individuals with questions and/or concerns about signing up for the COVID-19 vaccine: 503-562-4278.
- OHA is creating a [new tool](#) that will be available soon for statewide appointment scheduling and notifications.

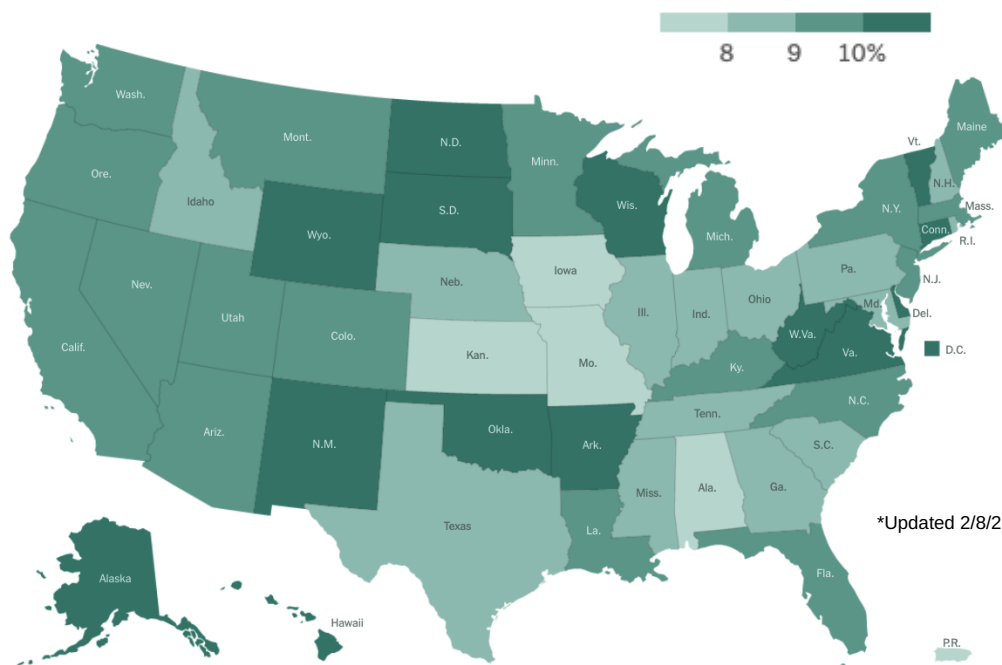
**Signs and Symptoms of COVID-19 Cases (right):**

- Nearly 40% of people with COVID-19 in Oregon never experience any symptoms. Among those who do, cough is the most common symptom, followed by headache, aches, and loss of smell.
- A recent study in the [Journal of the American Medical Association](#) estimated that **at least 50%** of new COVID-19 cases originate from exposure to asymptomatic individuals (people who were infected but never felt sick).



## U.S. COVID-19 Vaccinations

Share of population that has gotten at least one shot




### Vaccine Update

Approximately 75,000 people have received one of the vaccines within research trials, and of those, not a single person has died from COVID-19, and only a few have been hospitalized. Compare these results to the following scenarios:

- If we were to take a sample of 75,000 unvaccinated American adults right now, approximately 150 of them would die from COVID-19, and several hundred more would be hospitalized.
- During a typical U.S. flu season, 15 out of 75,000 adults would die, and more than 100 would be hospitalized.

	Pfizer-BioNTech	Moderna	Johnson & Johnson	Novovax
<b>Type</b>	mRNA	mRNA	Adenovirus	Protein
<b>Doses</b>	2	2	1	2
<b>Storage Temperature</b>	-94 F	-4 F	36-46 F for up to 2 months	36-46 F for up to 3 months
<b>Authorization Status</b>	EUA Approved	EUA Approved	Applied to FDA for EUA on Feb. 4	US trial results expected in Mar.
<b>Efficacy</b>	95%	94.5%	72%	89.3%
<b>Preventing Death</b>	100%	100%	100%	100%
<b>Efficacy against variants</b>				
<b>UK (B.1.1.7)</b>	Same as above	Same as above	Same as above	Same as above
<b>South Africa (B.1.351)</b>	"Less effective"	"Less effective"	57%	<50%
<b>Brazil (P.1)</b>	Unknown	Unknown	66%	Unknown

Each of the current vaccines can either prevent COVID-19 entirely or transform it into something much milder than a typical flu. It is important to remember that when studies show the Johnson & Johnson vaccine to be 72% effective, they are referring to the prevention of all illness. This means that they counted even mild symptoms as a failure.

 **Data Brief Produced by** Maddie Dirren, Queenie Love Agbayani, Jenny Leon-Perez, Dr. Emily Vala-Haynes, Dr. Megan Patton-Lopez, Dr. Leanne Cusack

**Data Brief Sources:** Centers for Disease Control, Oregon Health Authority, New York Times, WHO, JAMA

 Learn more about the [WOU COVID-19 Project](#) on our webpage.



Community Health

