

# COVID-19 Epi Update

4/6/20

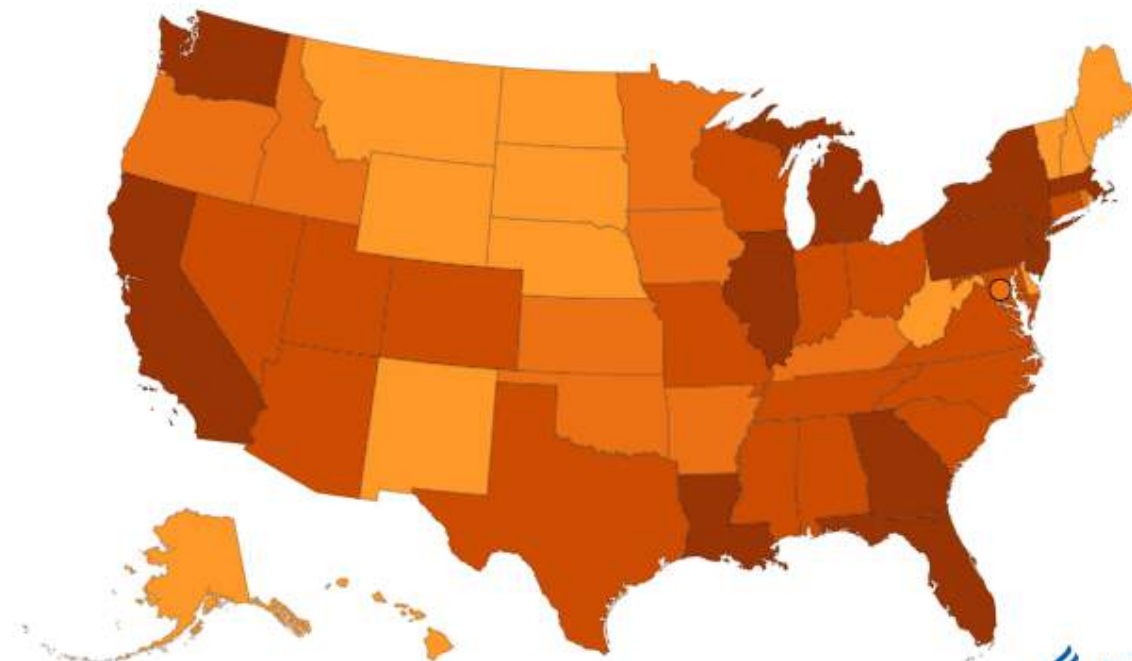
# National Data

Total Cases:  
304,826

Deaths  
(Provisional):  
1,150

Percent of positive  
tests:  
14.5%

## States Reporting Cases of COVID-19 to CDC\*



Territories AS GU MH FM MP PW PR VI



See details of provisional death reporting for COVID 19 at:  
<https://www.cdc.gov/nchs/nvss/vsrr/COVID19/index.htm>

# COVIDView

A Weekly Surveillance Summary of U.S. COVID-19 Activity



- Key Points
- CDC is modifying existing surveillance systems, many used to track influenza and other respiratory viruses annually, to track COVID-19.
- Visits to outpatient providers and emergency departments for illnesses with symptom presentation similar to COVID-19 are elevated compared to what is normally seen at this time of year. At this time, there is little influenza virus circulation.
- The overall cumulative COVID-19 associated hospitalization rate is 4.6 per 100,000, with the highest rates in persons 65 years and older (13.8 per 100,000) and 50-64 years (7.4 per 100,000). These rates are similar to what is seen at the beginning of an annual influenza epidemic.
- The percentage of deaths attributed to pneumonia and influenza increased to 8.2% and is above the epidemic threshold of 7.2%. The percent of deaths due to pneumonia has increased sharply since the end of February, while those due to influenza increased modestly through early March and declined this week. This could reflect an increase in deaths from pneumonia caused by non-influenza associated infections including COVID-19.
- NCHS is monitoring deaths associated with COVID-19 and made those [data publicly available](https://www.cdc.gov/nchs/nvss/vsrr/COVID19/index.htm) on April 3, 2020.

<https://www.cdc.gov/nchs/nvss/vsrr/COVID19/index.htm>

# Current Status- Pacific Northwest

3/30/20

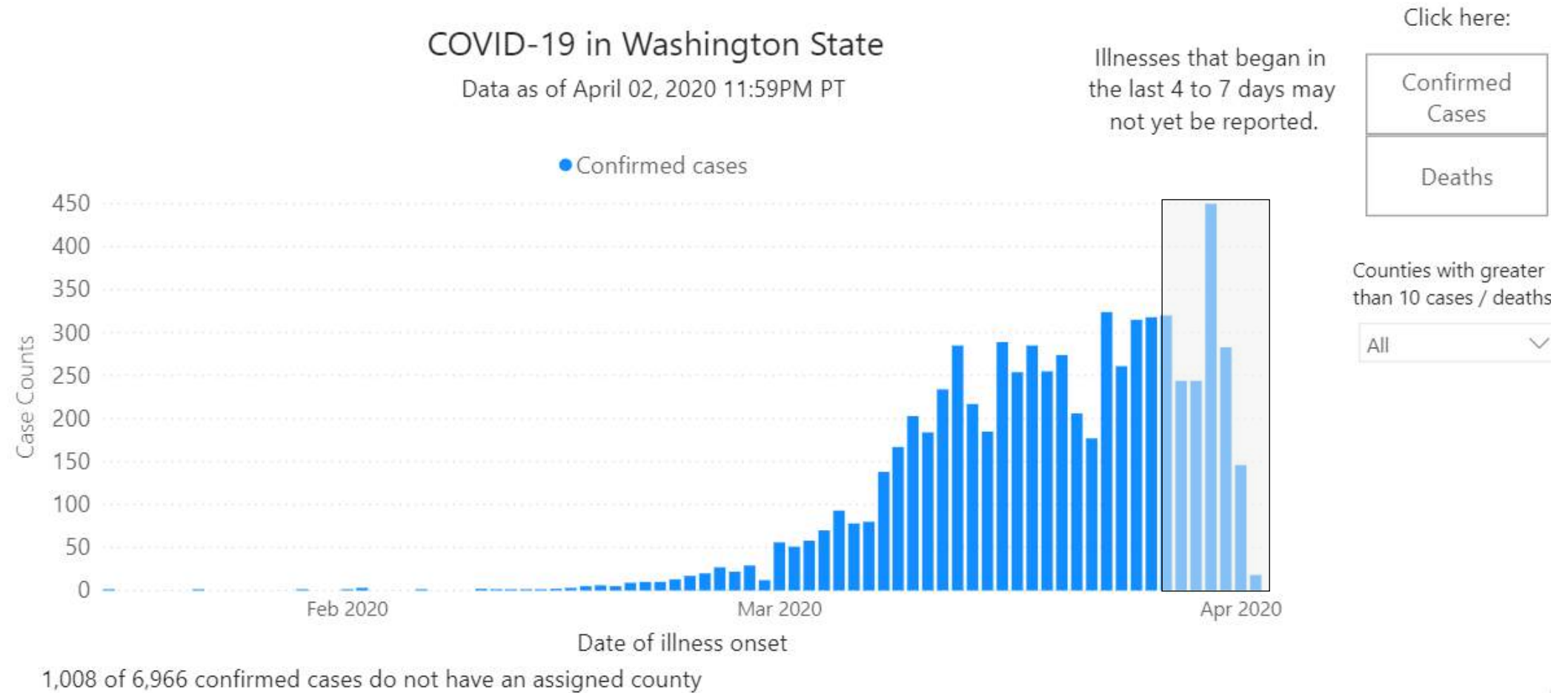
State	Cases	Deaths (Fatality Pct)	Hospitalizations (Pct)	% Positive Tests
WA	4896	195 (4.0 %)	Not available	7.5%
OR	548	13 (2.4%)	129 (24%)	4.8%
ID	310	6 (1.9%)	39 (12.5%)	6.6%

4/4/20

State	Cases	Deaths (Fatality Pct)	Hospitalizations (Pct)	% Positive Tests
WA	7984	338 (4.2 %)	Not reported* (3.8%-4.6%)	8.6% ↑
OR	999	26 (2.6%)	239 (24%)	5.3% ↑
ID	1101	10 (0.9%)	77 (7%)	10% ↑

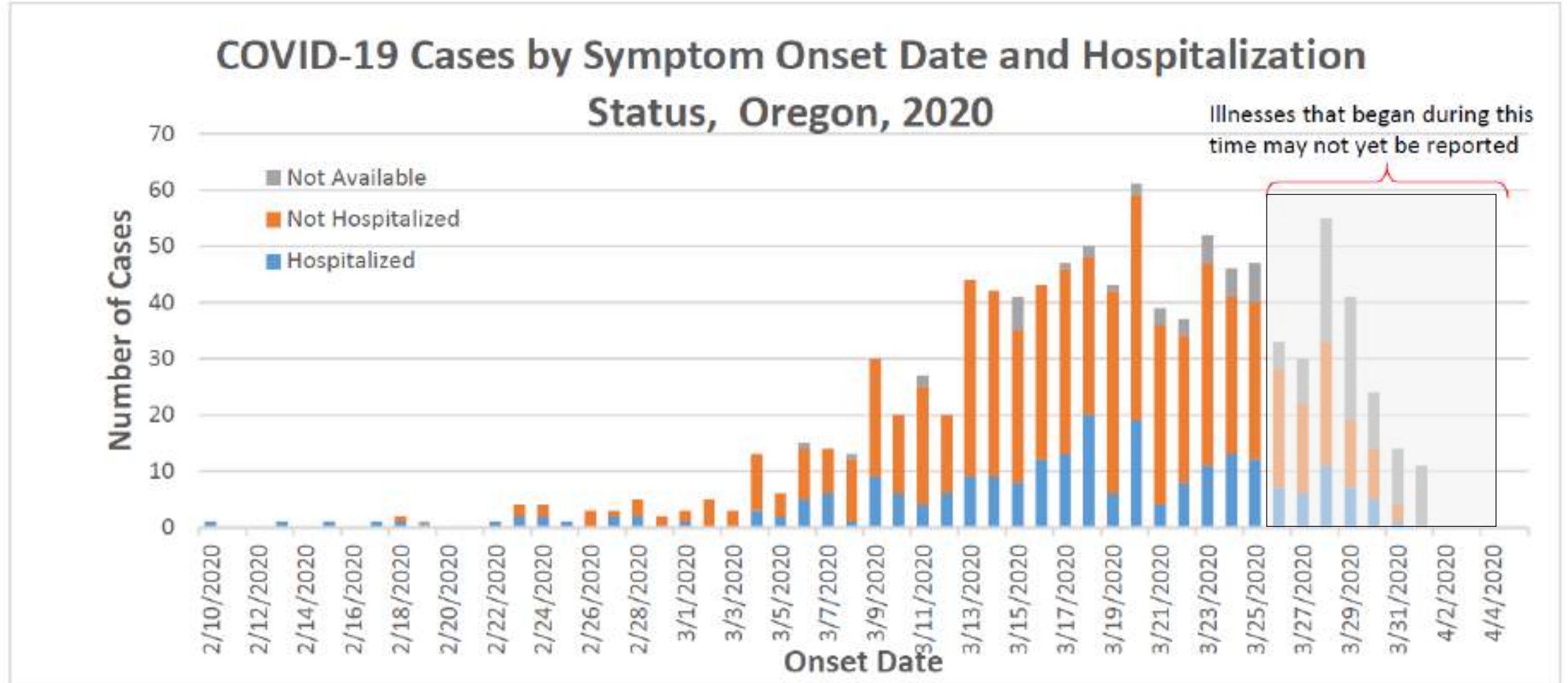
\* WA DOH reports the percent of hospitalization from COVID-19-Like Illness

# Is the Curve Flattening in the Pacific Northwest?



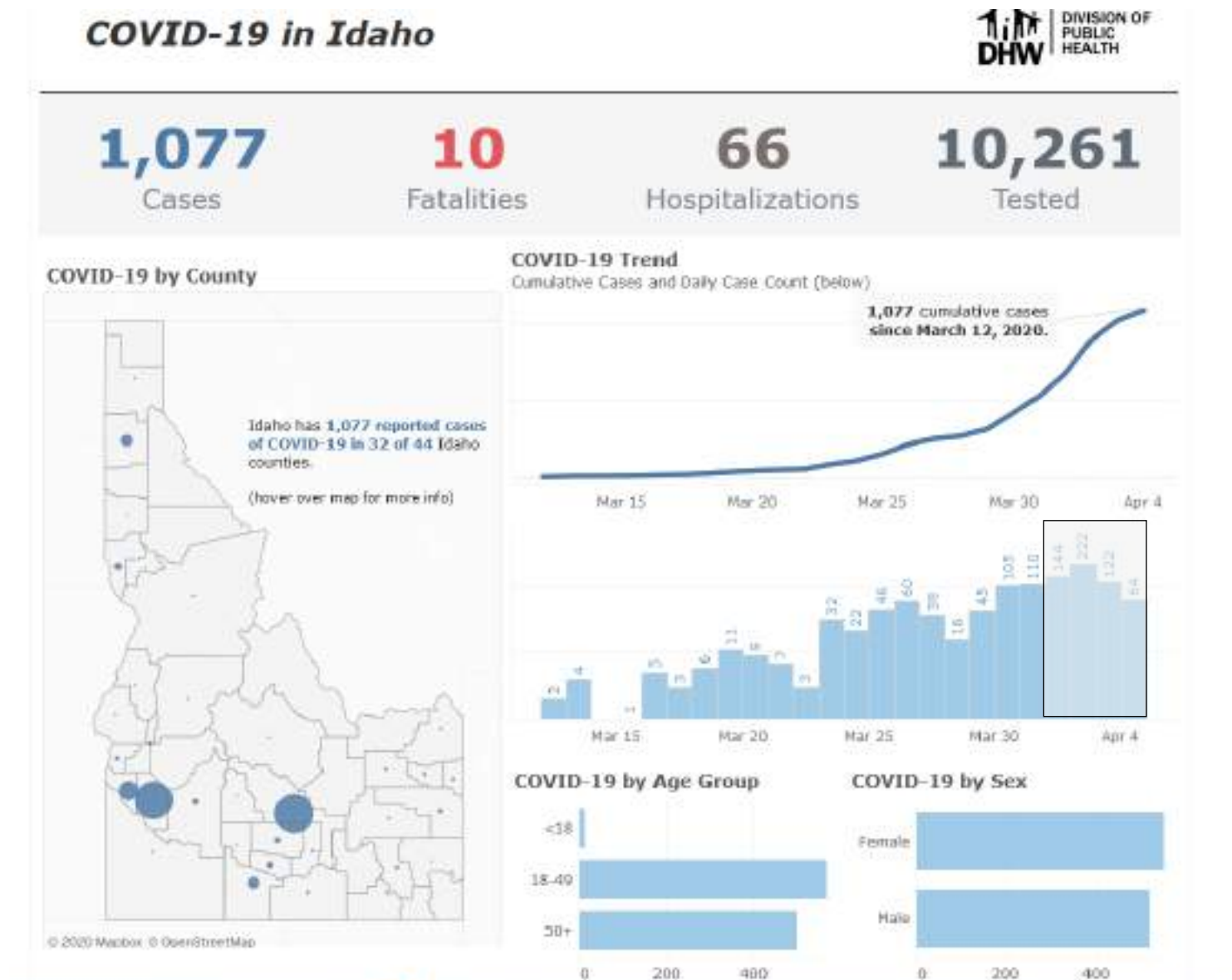
COVID-19 data are reported as timely, accurately and completely as we have available. Data are updated as we receive information that is more complete and will change over time as we learn more.

# Is the Curve Flattening in the Pacific Northwest?





# Is the Curve Flattening in the Pacific Northwest?



# Severity modeling

IHME COVID-19 health service utilization forecasting team. Forecasting COVID-19 impact on hospital bed-days, ICU-days, ventilator days and deaths by US state in the next 4 months. MedRxiv. 26 March 2020. <http://covid19.healthdata.org/>

State	Stay Home	Schools Closed	Non-Essential Services Closed	Travel Limitation	Days to Peak Resource Use	Days to Peak Number of Deaths/day
WA	3/23	3/13	3/25	Not Yet	3	1
OR	3/23	3/16	Not Yet	Not Yet	16	16
ID	3/25	3/23	3/25	Not Yet	9	11



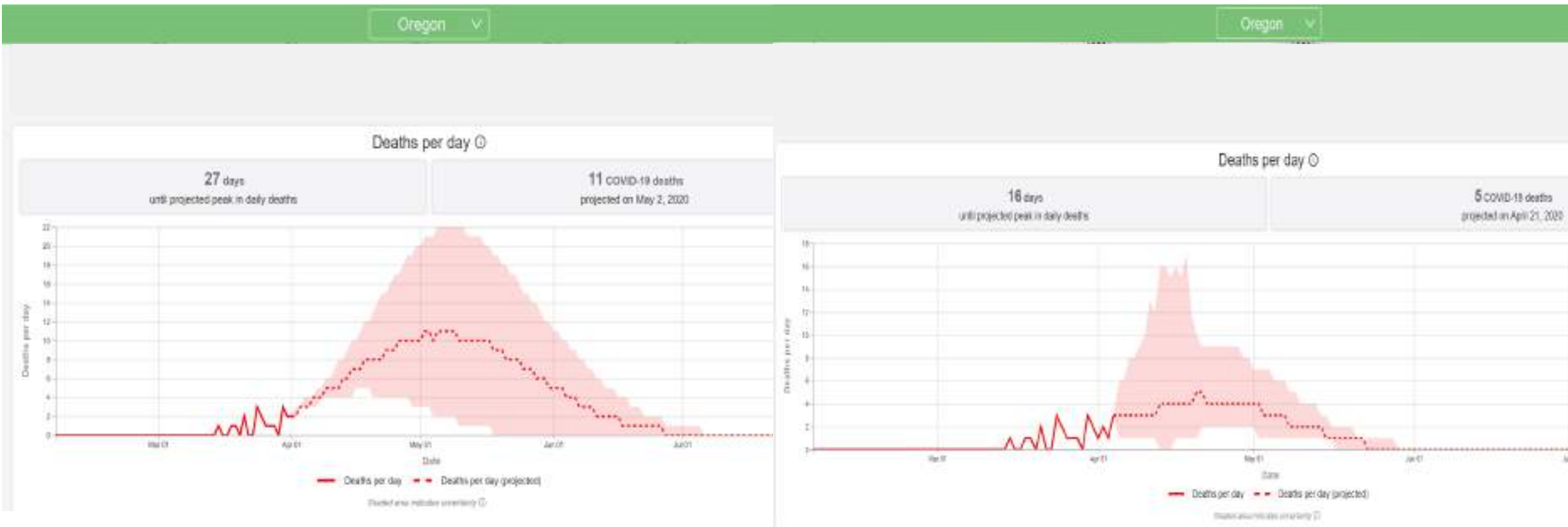
# Change in model projection within 1 day: Idaho

21 days vs 11 days to peak



# Change in model projection within 1 day: Oregon

27 days vs 16 days to peak



# Change in model projection within 1 day: Washington

4 days vs 1 day to peak

