

# From Data to Decisions

APRIL 3, 2020

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# Covid ActNow

## FOUNDERS

Max Henderson

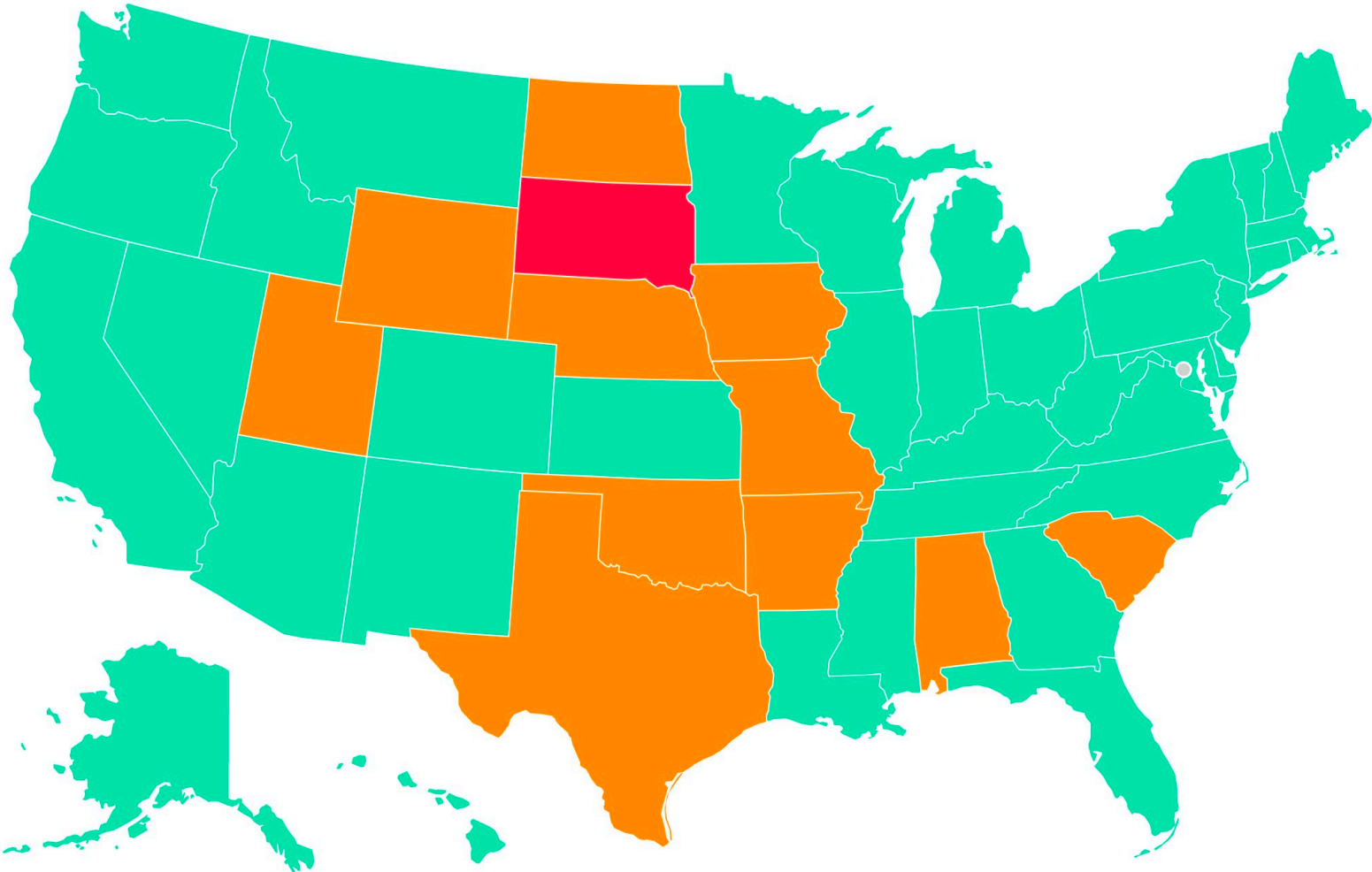
Jonathan Kreiss-Tomkins

Igor Kofman

Zack Rosen

# Act now. **Save lives.**

Our projections show when hospitals will likely become overloaded, and what you can do to stop COVID.



# CovidActNow.org

1. Get everyone to stay-at-home (“**flatten the curve**”) by providing up-to-date information **with best-available data**
2. Launched 2 weeks ago (March 20)
3. Data for 2000+ counties included, updated daily
4. Full transparency on model, data sources, assumptions, etc.



# CovidActNow.org

1. 7+ million page views in the first week
2. The Verge // The best graphs and data for tracking the coronavirus pandemic
3. Officials in MI, CO, AK, HI and cities across the US credit CovidActNow for the data supporting orders to “stay at home” or “shelter in place”

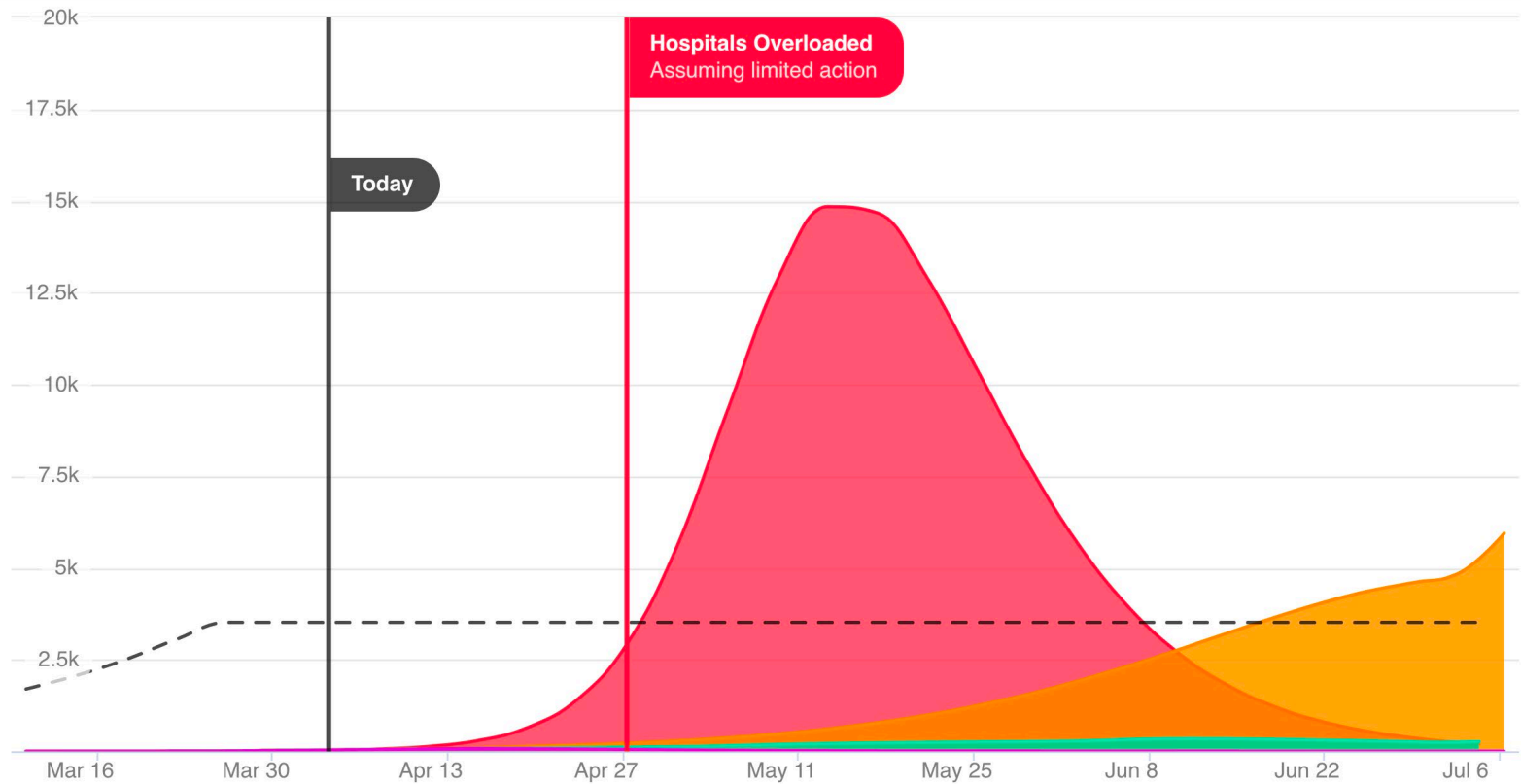




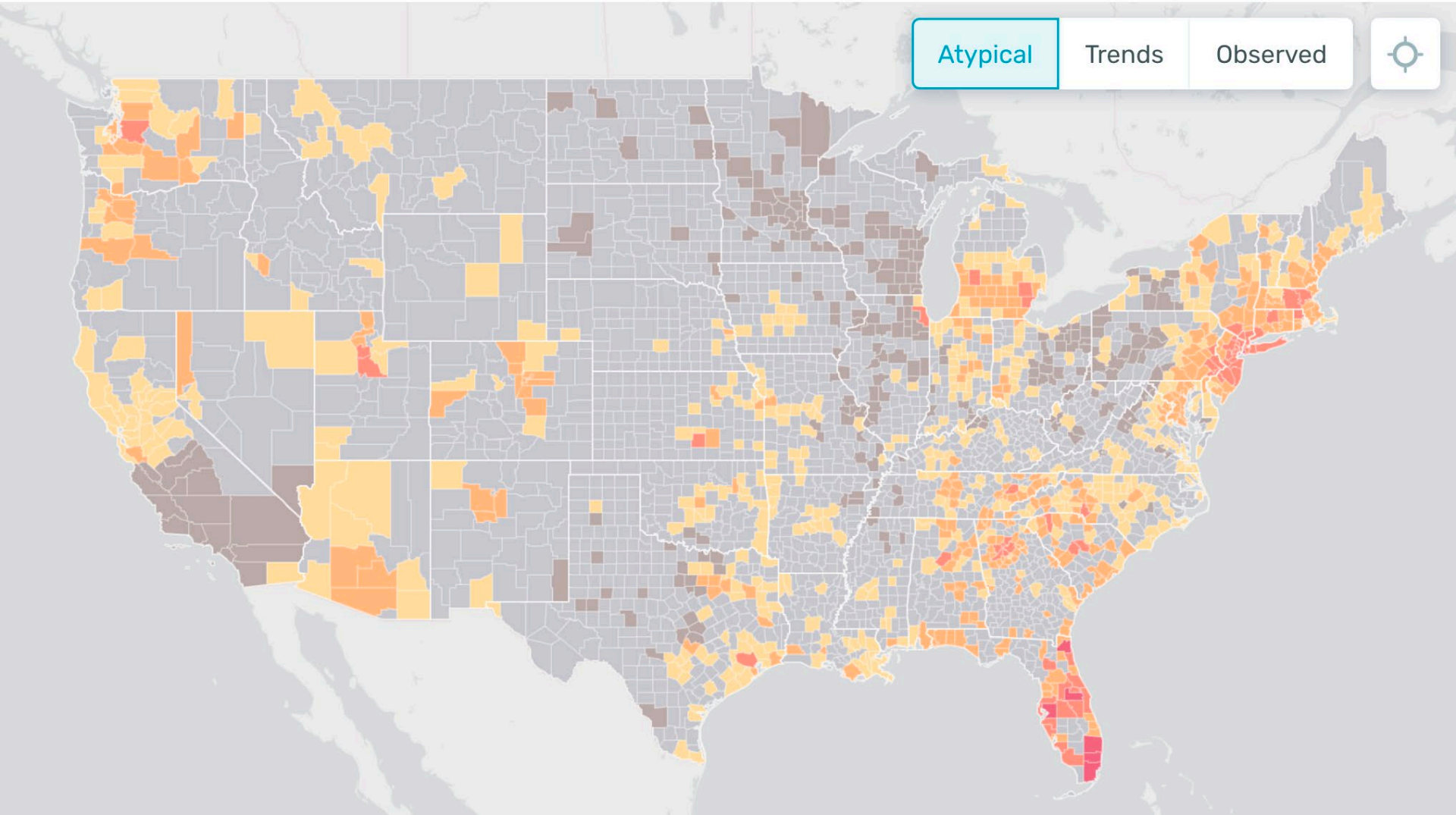
# You must act now in **South Dakota**

To prevent hospital overload, our projections indicate a Stay at Home order must be implemented **between April 13th and April 18th at the latest**. The sooner you act, the more lives you save.

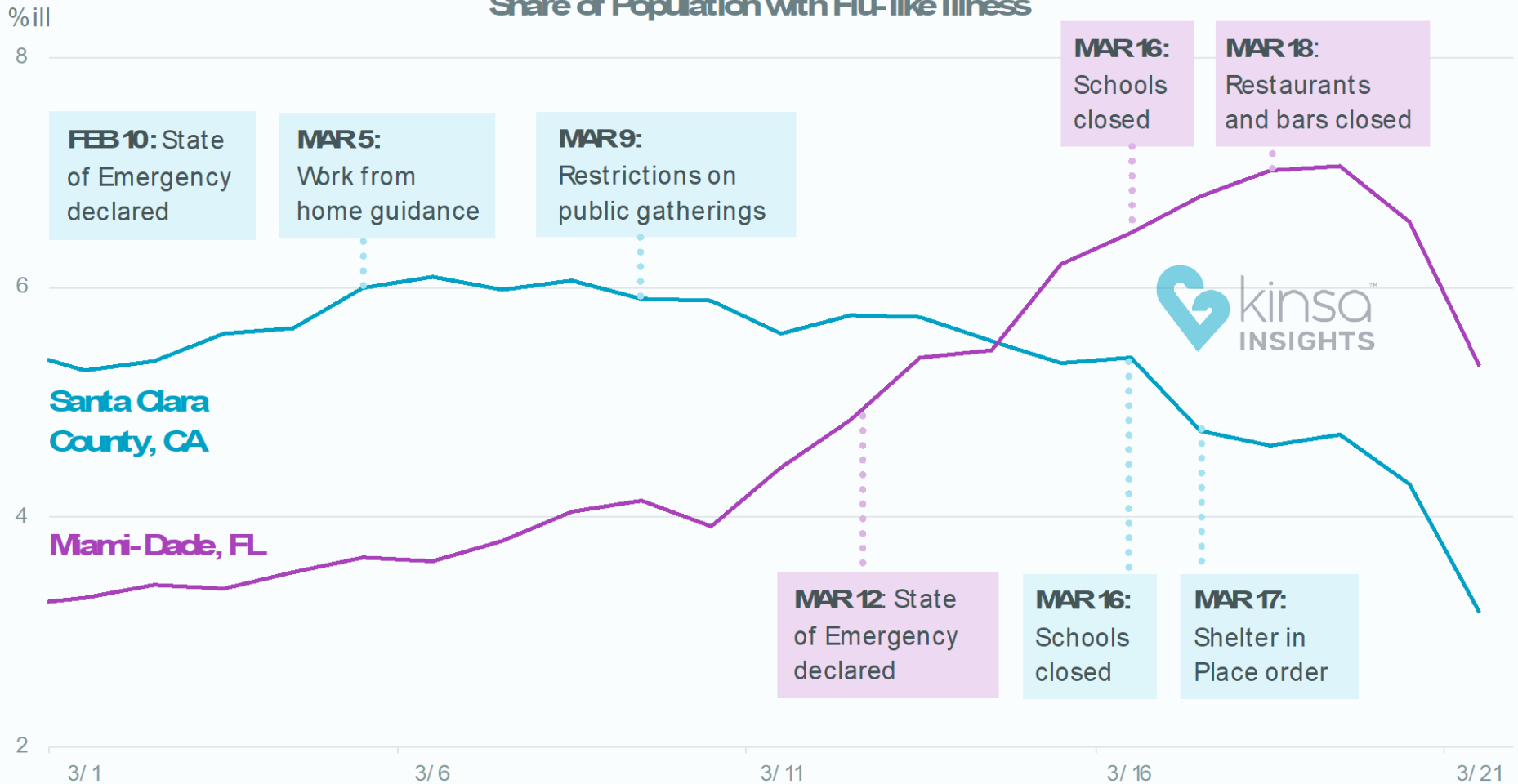
South Dakota



## healthweather.us



### Share of Population with Flu-like Illness





# Compare your community's **social distancing activity** to its activity prior to COVID-19

unacast.

Search for state and county

Last updated human mobility data: Apr 2, 2020, 9:32:57 AM  
 Last updated COVID-19 cases: Apr 2, 2020, 1:03:00 AM  
 For more details on data accuracy please refer to our [methodology section](#)  
[Explore this report in Tableau](#)  
 unacast-covid-scoreboard@1.0.0-c9d8139

**United States** C →

204,457 confirmed cases

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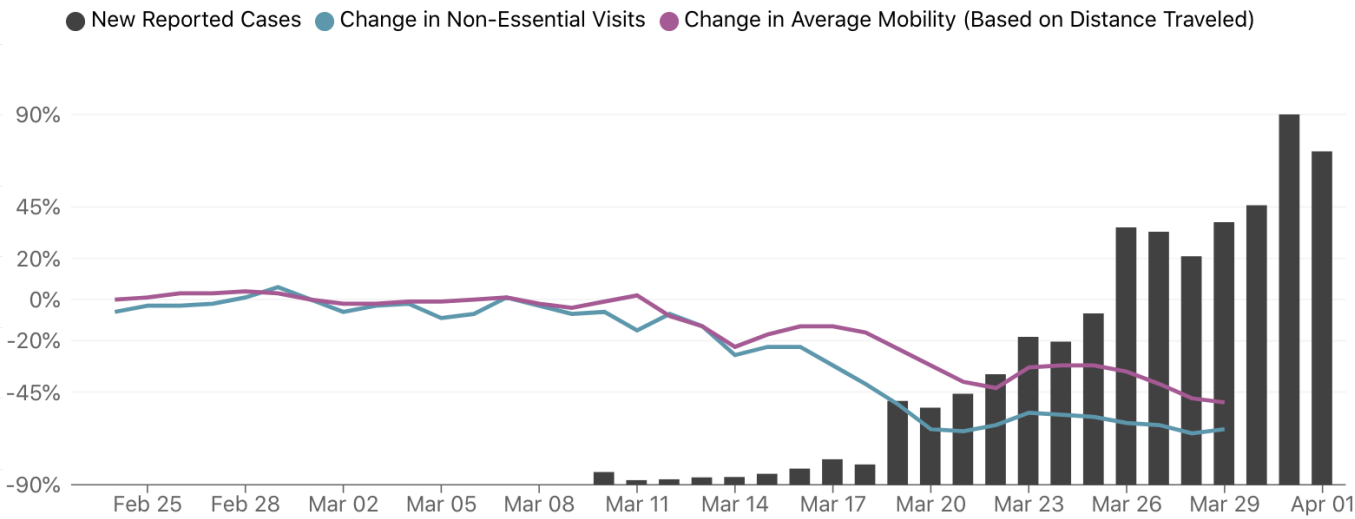
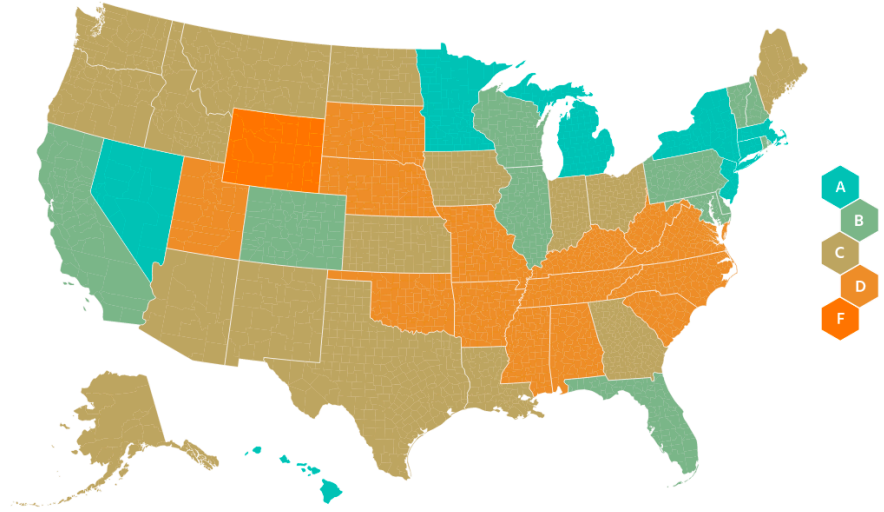
40 - 55% Decrease in Average Mobility (Based on Distance Traveled) C →

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60 - 65% Decrease in Non-Essential Visits C →

States Counties ↓↑

Hawaii	A	↗
Connecticut	A-	↗
District of Columbia	A-	↗
Massachusetts	A-	↗
Michigan	A-	↗
Minnesota	A-	↗
New Jersey	A-	↗
Nevada	A-	↗
New York	A-	↗
New Hampshire	B	↗



**Thank you!**

 **@niravrshah**

# How should you evaluate a model?

1. **Reflects reality at a high level.** Are the numbers order of magnitude correct? Moving in the right direction? Matching other countries that are ahead of us in the pandemic?
2. **Robust.** Does the model rely on singular, risky assumptions? What decisions does this lead us to? What would happen to our decision if this model were 10%, 50%, or 90% off?
3. **Transparent.** Can you review it? Is how it works easily explained/understood? Can you connect with the team and ask questions?
4. **Clear about unknowns and limitations.** Do the modelers openly admit what they don't know? Do they clearly articulate what the model is and isn't good for? Are they open about the fact that it will change?
5. **Vetted.** Have outside experts reviewed and endorsed?