COVID-19 in the US:

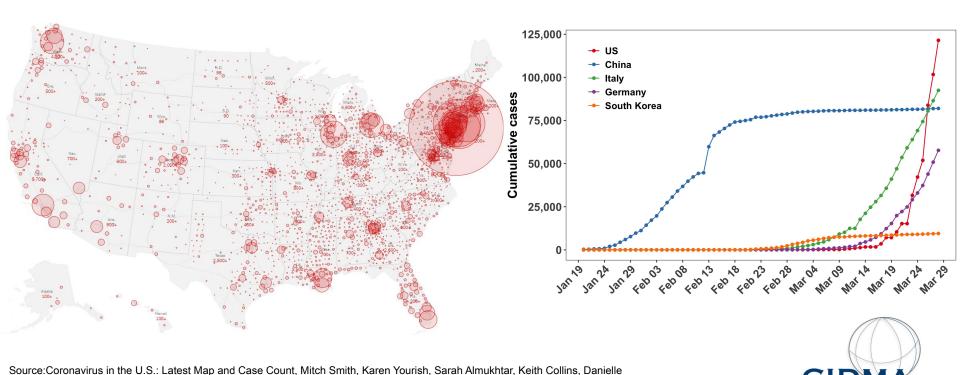
A confluence of healthcare insecurity, an inadequate social safety net and feckless leadership

Center for Infectious Disease Modeling and Analysis (CIDMA), Yale School of Public Health





The COVID-19 outbreak in the US is growing steeply and spreading widely



Ivory, Allison McCann, Jin Wu and Amy Harmon; NY Times; https://www.nytimes.com/interactive/2020/us/coronavirus-us-cases.html

January 7 - A cluster of atypical pneumonia in Wuhan, China was reported to the World Health Organization.

January 21 - Multiple teams announced diagnostic protocols. First case was diagnosed in the US. The Seattle case had visited family in Wuhan.

Feb 5 - Batches of test kits distributed by the CDC were faulty.

Feb 26 - Community transmission was confirmed in Washington and Oregon

Feb 28 - "It's going to disappear. One day it's like a miracle - it will disappear"

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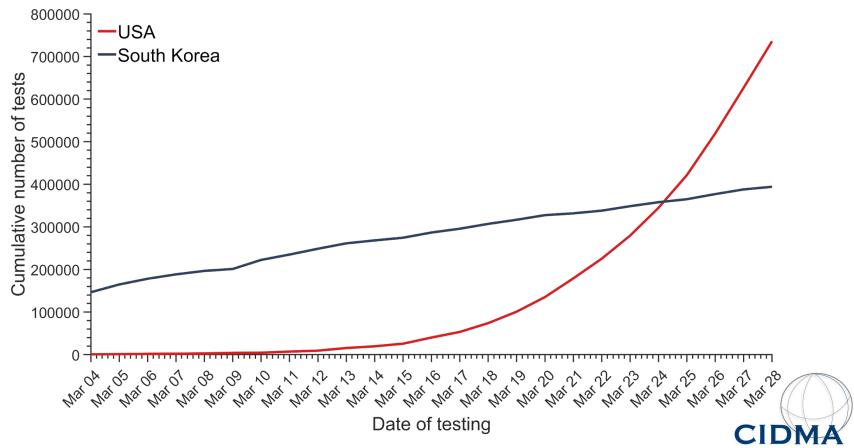
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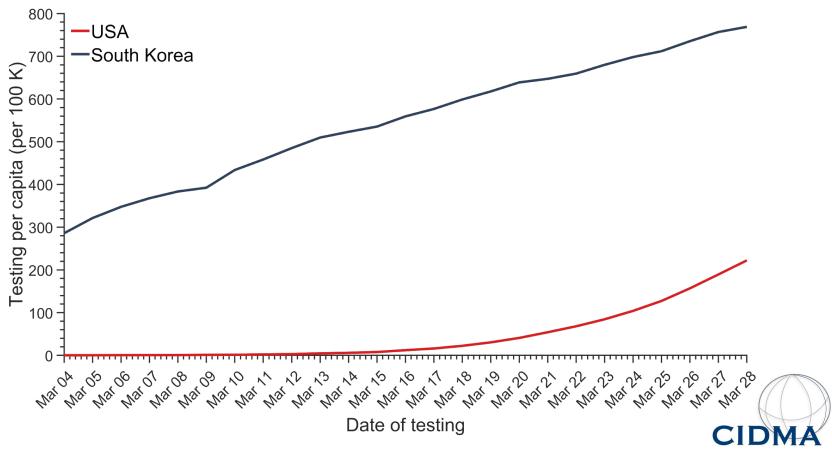
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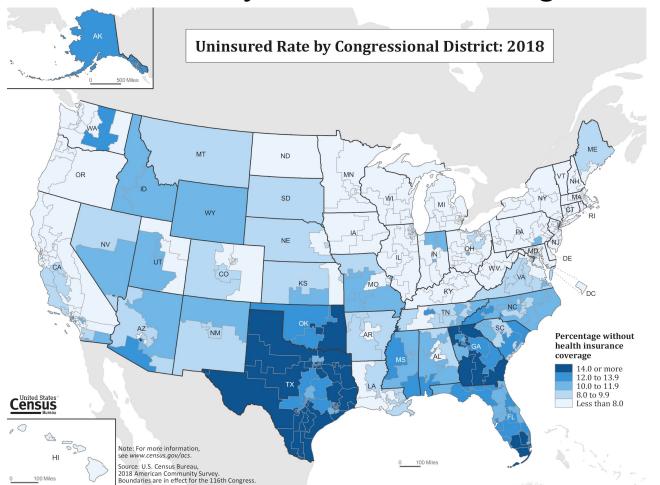
Number of tests administered for COVID-19



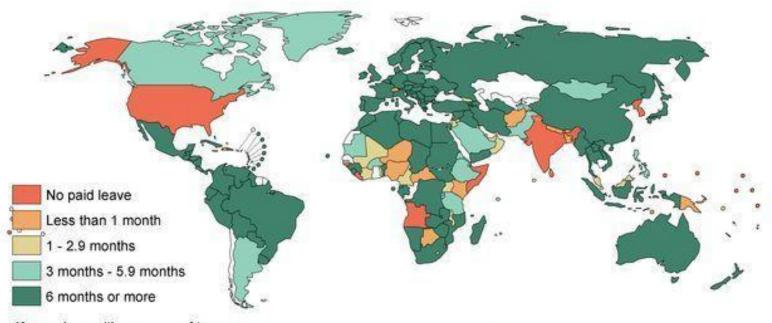
Per capita comparisons of testing are even more stark



Healthcare insecurity exacerbated diagnostic delays



If you get seriously ill: How much paid leave can you take for treatment and recovery?

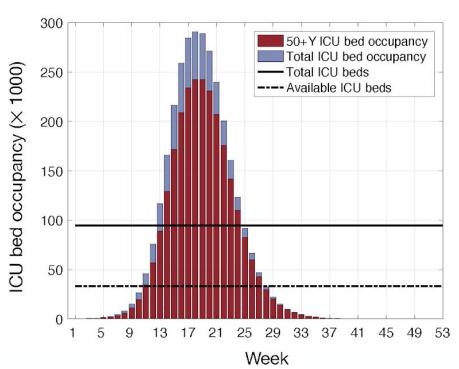


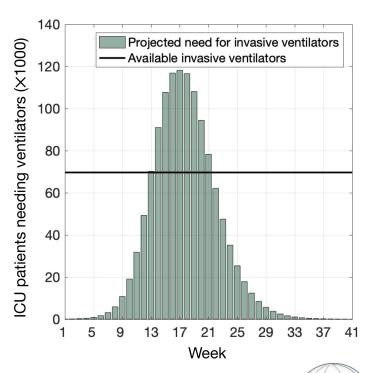
*for workers with one year of tenure

To learn more, visit: worldpolicycenter.org



Projected need for ICU beds and ventilators

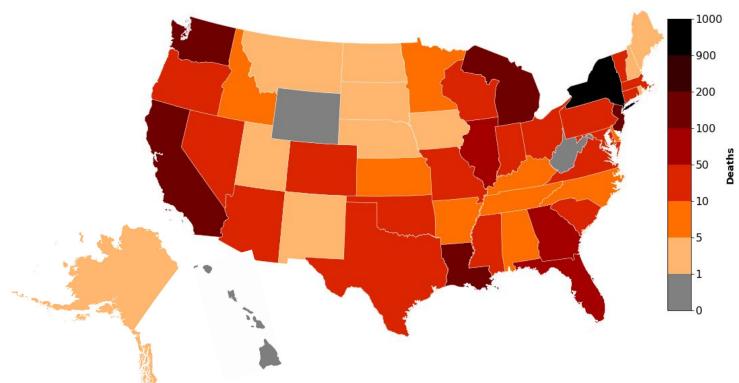




Moghadas, Shoukat, Fitzpatrick, Wells, Sah, Pandey, Sachs, Wang, Meyers, Singer & Galvani

Projecting hospital utilization during the COVID-19 outbreaks in the United States. In press PNAS

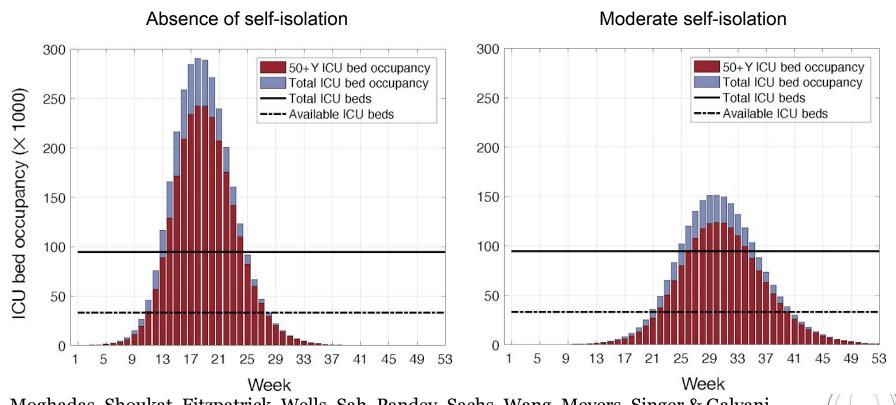
Mortality





Source: Data from New York Times, Updated March 29, 2020, 2:30 P.M. E.T.

Self-isolation eases the burden on the healthcare system



Moghadas, Shoukat, Fitzpatrick, Wells, Sah, Pandey, Sachs, Wang, Meyers, Singer & Galvani

Projecting hospital utilization during the COVID-19 outbreaks in the United States

press PNAS

- Evidence-based decision making
- Accurate communication with the public
- Federal coordination of the production and distribution of PPE and ventilators
- Pharmaceutical research and development
- Universal healthcare which will be most cost-effectively achieved by a single-payer system (eg Medicare for All)



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Thank you

