



**BLOOMBERG
HARVARD**

| City
Leadership
Initiative



COVID-19

SITUATION REPORT

December 10, 2020 | Joshua Sharfstein, MD

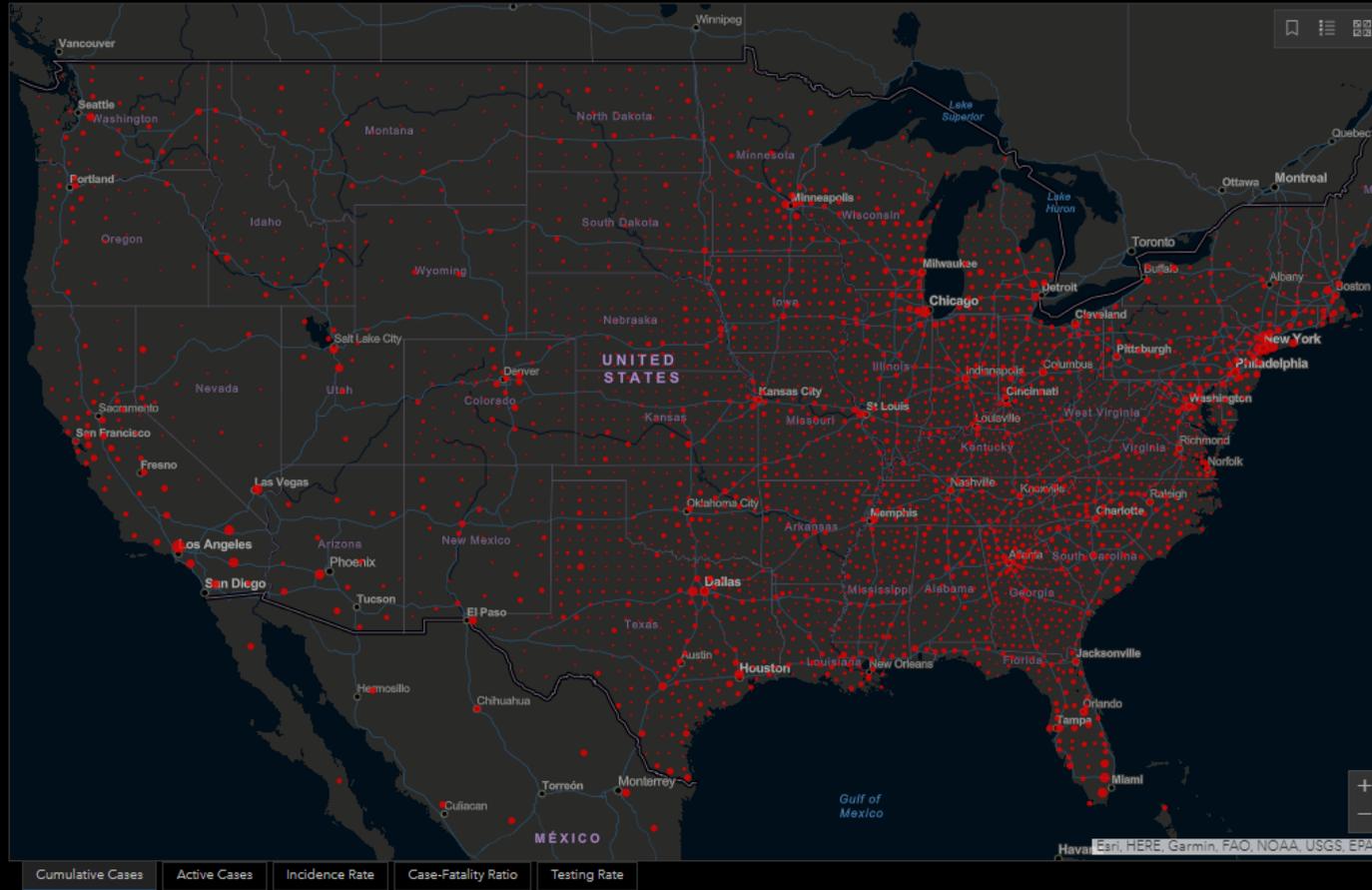
Global Cases

15,393,164

Cases by Country/Region/Sovereignty

15,393,164 US
9,767,371 India
6,728,452 Brazil
2,546,113 Russia
2,377,911 France
1,771,555 United Kingdom
1,770,149 Italy
1,712,101 Spain
1,475,222 Argentina
1,392,133 Colombia
1,254,825 Germany
1,205,229 Mexico
1,102,096 Poland
1,083,023 Iran
976,621 Peru
925,342 Turkey
881,727 Ukraine
828,598 South Africa
598,933 Indonesia
597,643 Belgium
595,363 Netherlands

Last Updated at (M/D/YYYY)
12/10/2020, 8:28 AM



Cumulative Cases Active Cases Incidence Rate Case-Fatality Ratio Testing Rate

191 countries/regions

Lancet Inf Dis Article: [Here](#). Mobile Version: [Here](#). Data sources: [Full list](#). Downloadable database: [GitHub](#), [Feature Layer](#). Lead by JHU CSSE. Technical Support: [Epi Living Atlas team](#) and [JHU APL](#). Financial Support: [JHU](#), [NSF](#), [Bloomberg Philanthropies](#) and [Stavros Niarchos Foundation](#). Resource support: [Slack](#), [Github](#) and [AWS](#). Click [here](#) to **donate** to the CSSE dashboard team, and other JHU COVID-19 Research Efforts. [FAQ](#). Read more in this [blog](#). [Contact US](#).

Cases and Death counts include confirmed and probable (where reported).

Global Deaths

1,572,423

289,451 deaths US

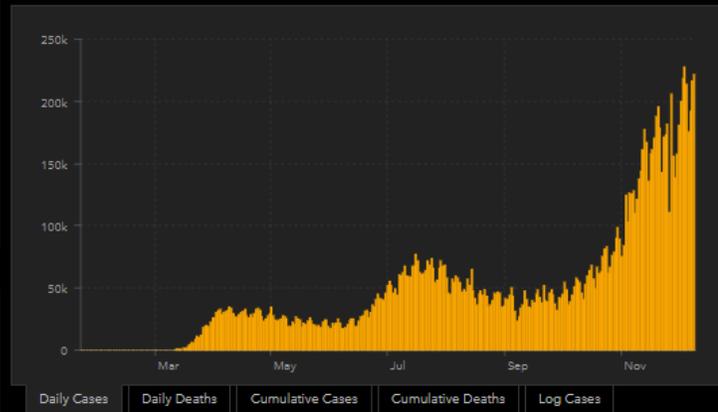
Global Deaths Global Recovered

US State Level

Deaths, Recovered

35,183 deaths, 89,089 recovered New York US
23,657 deaths, 1,062,398 recovered Texas US
20,470 deaths, recovered California US
19,462 deaths, recovered Florida US
17,542 deaths, 46,924 recovered New Jersey US
14,612 deaths, recovered Illinois US
11,726 deaths, 258,283 recovered Pennsylvania US
11,166 deaths, 169,809 recovered Massachusetts US
10,706 deaths, 197,750 recovered Michigan US

US Deaths, Recovered US Test Results

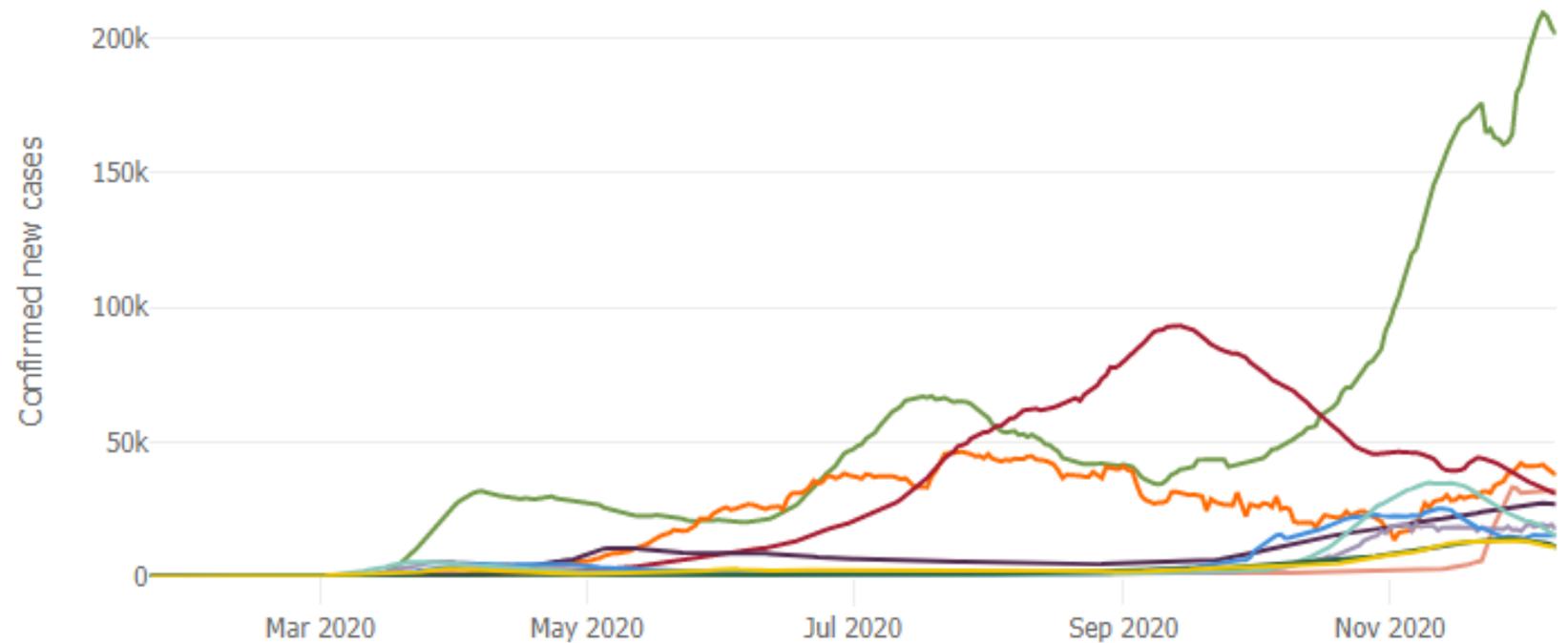


Daily Cases Daily Deaths Cumulative Cases Cumulative Deaths Log Cases

A Surge in the Surge

DAILY CONFIRMED NEW CASES (7-DAY MOVING AVERAGE)

Outbreak evolution for the current 10 most affected countries



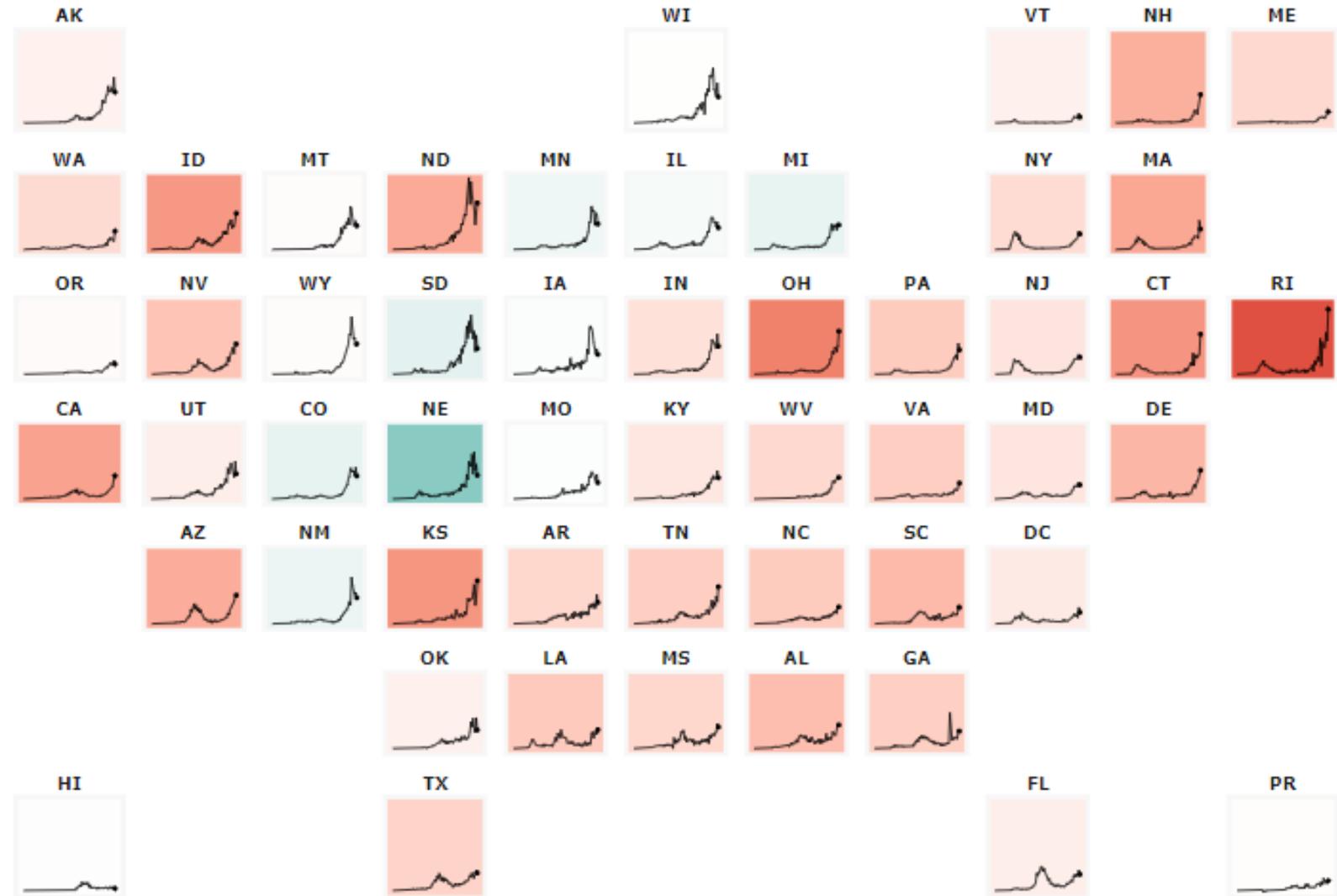
Click any country below to hide/show from the graph:

- | | | | |
|---------------|---------|----------------|-------|
| United States | Brazil | Turkey | India |
| Russia | Germany | United Kingdom | Italy |
| Ukraine | Iran | | |



West, South, Northeast Seeing Spikes

Daily New Cases per 100k people. Data shown from 1/22/20 to 12/9/20.



What's New This Week



The Last Battle

As hospitals fill, some governors are taking a series of extra steps to reduce transmission, including closing indoor bars and restaurants and banning large indoor gatherings.



For Mayors

These measures, combined with mask wearing, will blunt the rise and could save the local health care systems from collapse. Schools should be last to close.

New Resource: schoolhealth.jhu.edu/modules



What's New This Week



Vaccines Under Review

FDA could authorize the Pfizer vaccine this week and the Moderna vaccine next week.



For Mayors

The initial doses are likely to go to health care workers and nursing home residents. States should begin to share their plans for next stages.





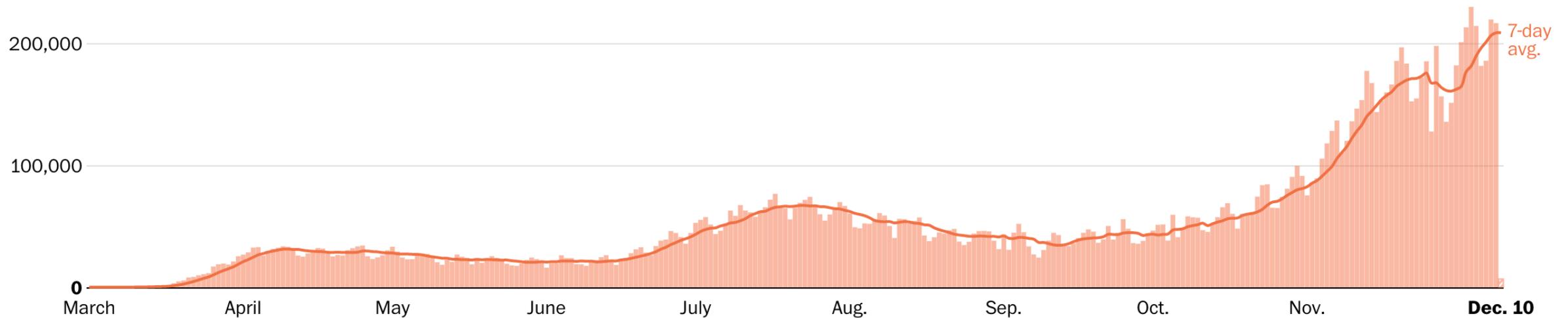
COVID-19

AND THE HOLIDAY SEASON

Caitlin Rivers, PhD, MPH
Johns Hopkins Center for Health Security

Concerns

Both Labor Day and Memorial Day precipitated new waves within a month. Burden of disease is much, much higher right now.



Concerns



Air travel



Networks outside your immediate circle



Large family gatherings



Not wearing masks



Rising cases

CNBC

Fauci says Christmas and New Year's restrictions will be necessary due to holiday coronavirus wave

As the U.S. heads into a difficult period of the pandemic, Fauci urged Americans to take virus mitigation steps "short of locking down."

1 week ago



USA TODAY

Fauci worries Thanksgiving may be the start of a dark holiday season if COVID-19 cases continue to soar

Anthony Fauci said the country is in a vulnerable position heading into the holidays because infections are too high to be able to control surges.

1 week ago



ABC News

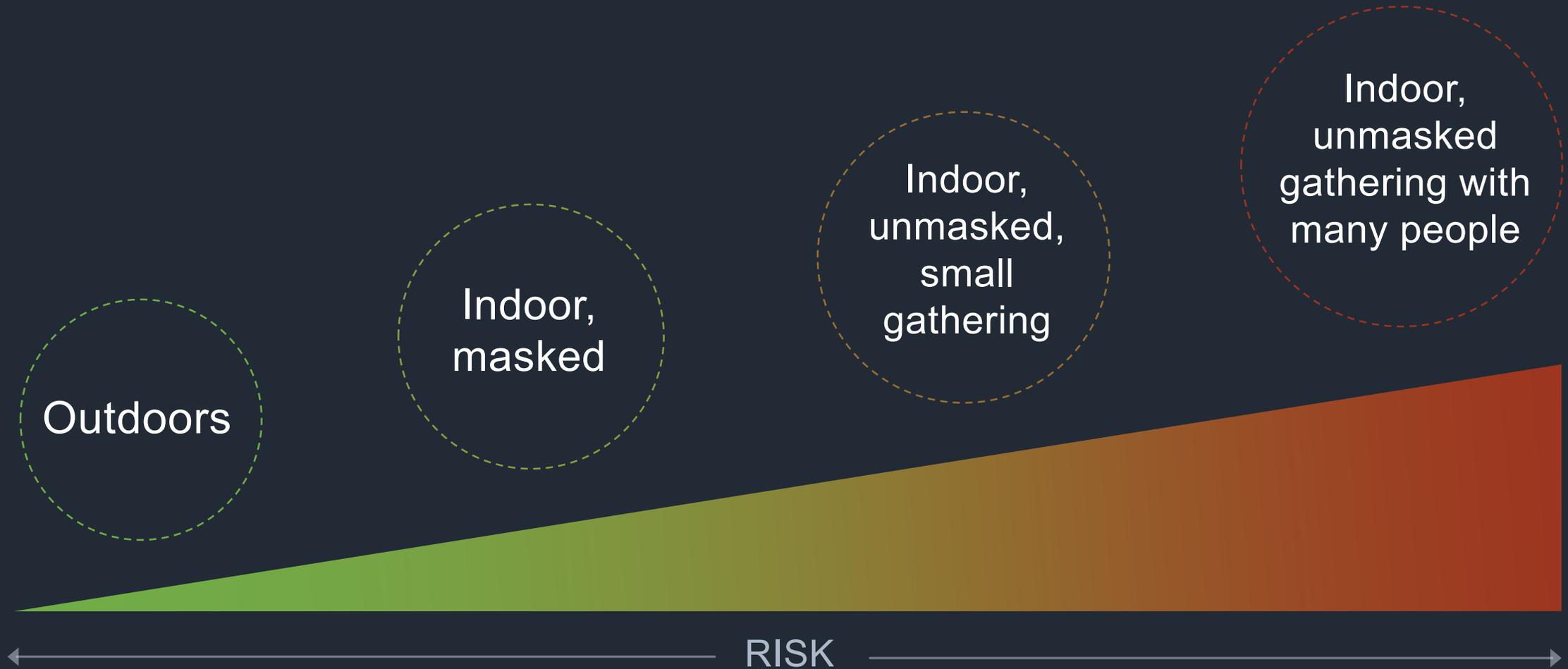
Don't want to frighten people, but we may see 'surge upon surge': Fauci

Dr. Anthony Fauci, director of the National Institute of Allergy and Infectious Diseases, appeared on ABC's "This Week" Sunday.

1 week ago



How Risk Increases



What Can Mayors Do Now



**Communicate
ideas**
for celebrating
the holidays safely
with residents

LOWER RISK

- Keep celebrations to members of the household
- Socialize on video chat
 - Ideas: play games, watch a movie together, share a meal
- Plan outdoor activities
 - Ideas: enjoy a walk or hike, take the kids to a playground, picnic if it is warm

MODERATE RISK

- Bubble with one other household

What Can Mayors Do Now



Communicate
that **testing is
good**, but not
a panacea

TESTING

- Testing can reduce risk but cannot eliminate it
- When you get the test matters a lot
 - The closer to the event, the better
 - But results must come back in time!
 - Recommend quarantining between testing and result

CAUTION

- Testing demand is up
- Consider your local testing demand and turnaround time

What Can Mayors Do Now



Continue to
promote policy
that encourages
social distancing

DO

- Consider whether there are new restrictions that are needed to minimize the highest risk activities – i.e. indoors, unmasked, gatherings
- Remind residents that a vaccine is coming and next holiday season will be better

DON'T

- This is the time to double down on what works - don't relax existing restrictions to make it easier for people to get together for the holidays

What Can Mayors Do Now



Consider
additional policies
that provide more
flexible options

SOME EXAMPLES

- Make it easier and cheaper to reserve a park pavilion
- Plan distanced, masked celebrations at playgrounds or parks
- Create outdoor, well-spaced shopping kiosks
- Give kids snow days even if school is already remote
- Create service opportunities people can participate in, e.g., phone an older adult program