



**BLOOMBERG
HARVARD**

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COVID-19

SITUATION REPORT

August 20, 2020 | Joshua Sharfstein, MD



COVID-19 Dashboard by the Center for Systems Science and Engineering (CSSE) at Johns Hopkins University (JHU)



Global Cases

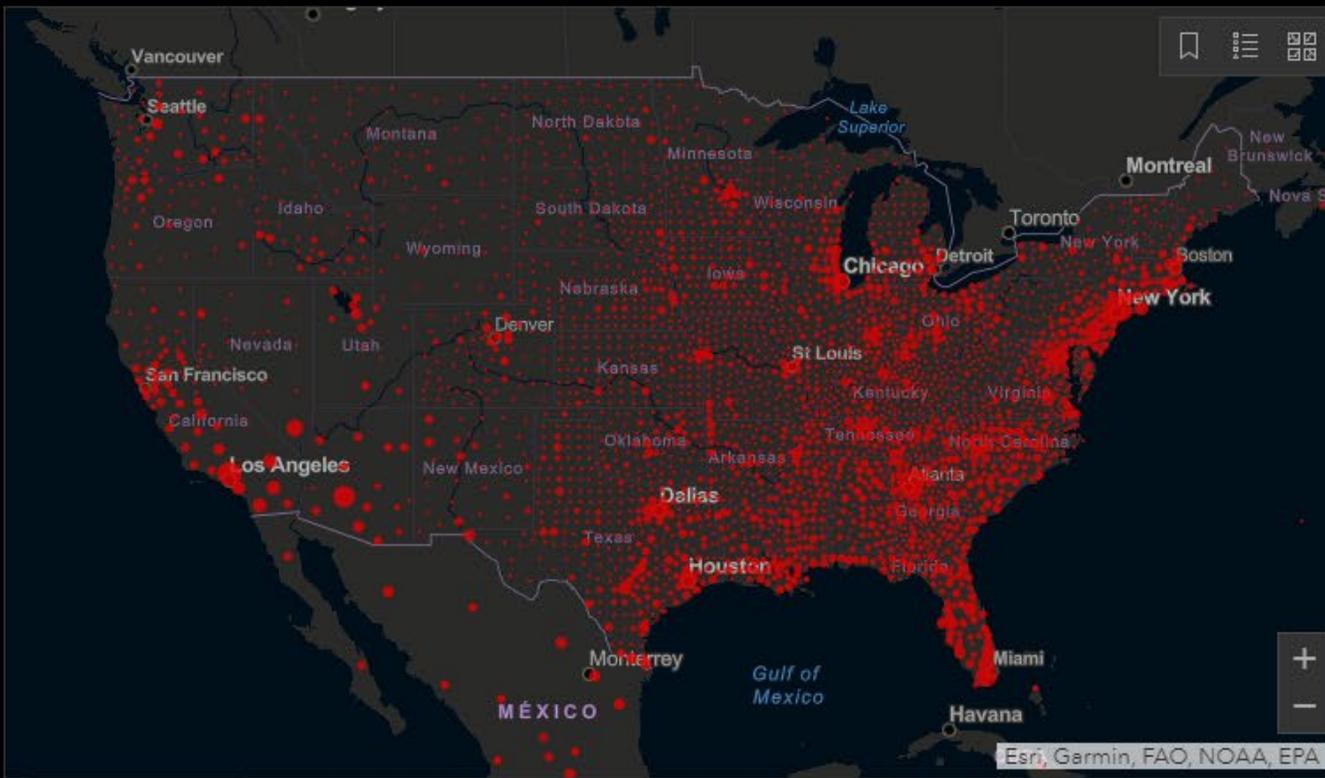
22,442,243

Cases by
Country/Region/Sovereignty

- 5,530,441 US
- 3,456,652 Brazil
- 2,836,925 India
- 939,833 Russia
- 596,060 South Africa
- 549,321 Peru
- 537,031 Mexico
- 502,178 Colombia
- 390,037 Chile
- 370,867 Spain

Admin0

Last Updated at: (M/D/YYYY)
8/20/2020, 8:27:44 AM



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

188
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: [Esri Living Atlas team](#) and [JHU APL](#). Financial Support:

Global Deaths

788,356

- 173,193 deaths US
- 111,100 deaths Brazil
- 58,481 deaths Mexico
- 53,866 deaths India
- 41,483 deaths United Kingdom

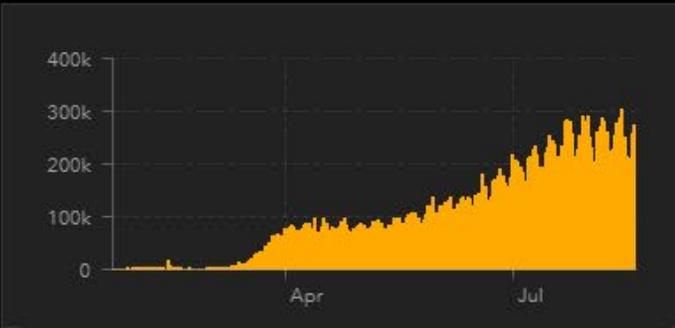
Global Deaths

US State Level

Deaths, Recovered

- 32,865 deaths, 74,328 recovered New York US
- 15,926 deaths, 33,451 recovered New Jersey US
- 11,694 deaths, recovered California US
- 10,934 deaths, 424,685 recovered

US Deaths, Rec...

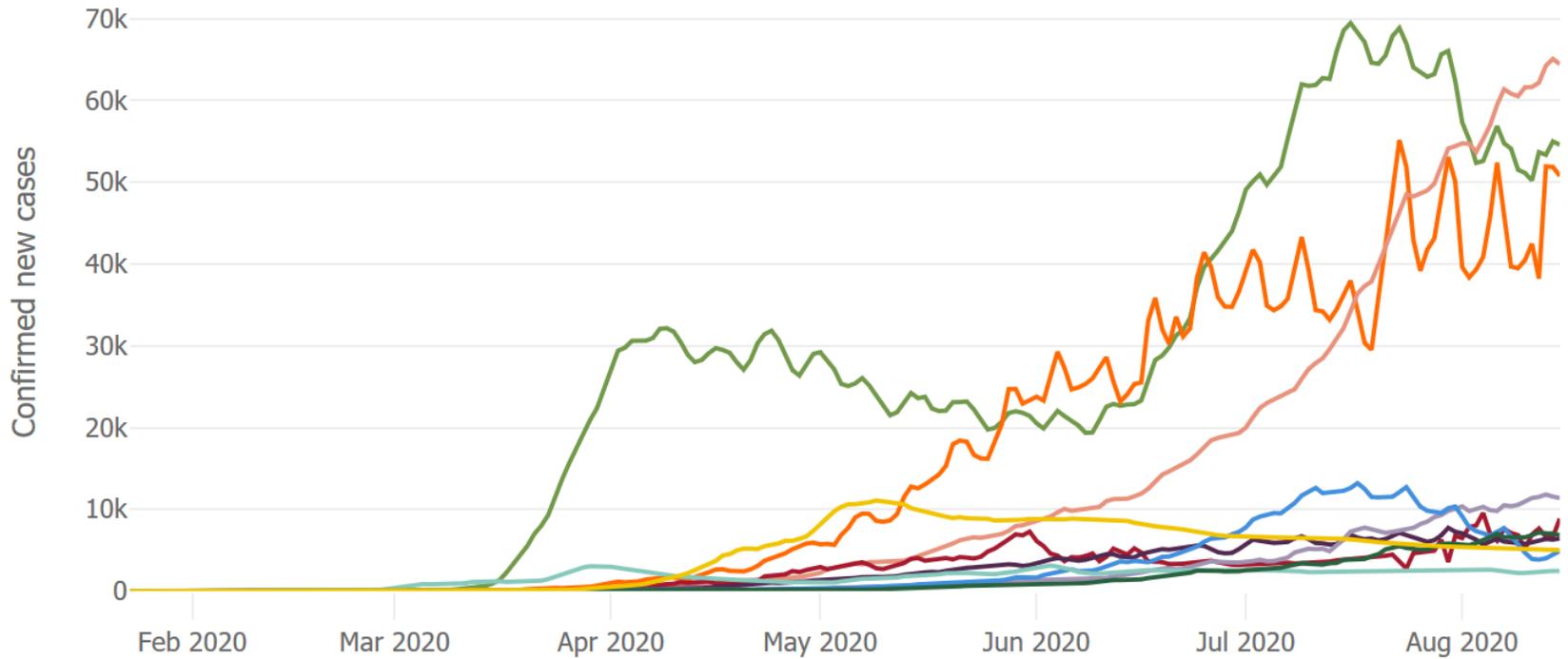


Daily Cases



DAILY CONFIRMED NEW CASES (5-DAY MOVING AVERAGE)

Outbreak evolution for the current 10 most affected countries



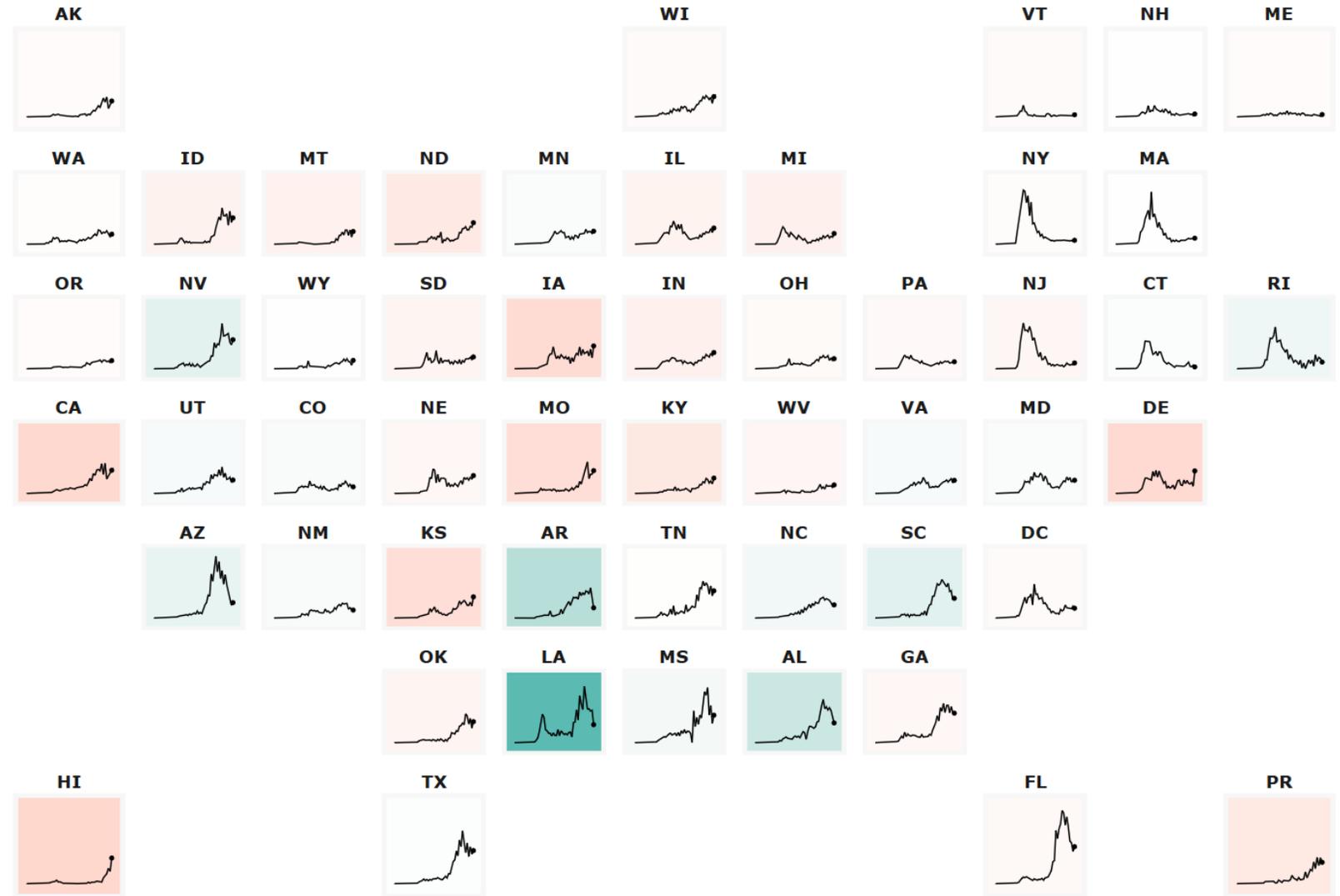
Click any country below to hide/show from the graph:

- | | | | | |
|----------|--------------|-------|-----------|--------|
| US | Brazil | India | Peru | Mexico |
| Colombia | South Africa | Iran | Argentina | Russia |

Cases
Moderating,
Still at a
High Level



Daily New Cases per 100k people. Data shown from 1/22/20 to 8/15/20.



Mixed Picture by State



What's New This Week



Airborne?

A new paper finds viable virus in the air in hospital rooms of people with COVID-19, adding to evidence of aerosol transmission.

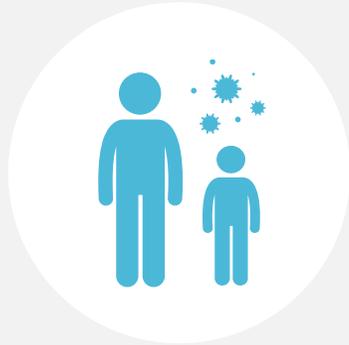


For Mayors

These emerging data are more reason for mask wearing and distancing, especially indoors. Expect more attention to ventilation and filtration, but keep in mind what's established about high and low risks is still valid.



What's New This Week



More Infections in Kids

CDC issues new guidance explaining that kids can definitely transmit the virus “effectively.”



For Mayors

Wishful thinking not enough for school reopening; need community control + precautions.





The Public's Role in **COVID-19 Vaccination**

August 20, 2020 | Monica Schoch-Spana, PhD



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of PUBLIC HEALTH

Center for
Health Security

Report Context

The Public's Role in COVID-19 Vaccination: Planning Recommendations Informed by Design Thinking and the Social, Behavioral, and Communication Sciences

Working Group on Readyng Populations
for COVID-19 Vaccine

July 2020



PANDEMIC
DISTRESS



UNCERTAIN
UPTAKE

Central Finding

Both bioscience and social science are key to successful COVID-19 vaccines.



Recommendations and Actions for Mayors

RECOMMENDATIONS

1

Communicate in meaningful terms, crowding out misinformation.

2

Earn the public's confidence that allocation and distribution are evenhanded.

3

Make vaccination available in safe, familiar, and convenient places.

4

Establish accountability systems to instill public ownership of vaccines.



Direct health officer to partner with community groups, health care provider networks, universities, state and local peers, federal authorities, and other stakeholders, in conducting **rapid response research and message development and testing.**



Ensure that diverse residents (including essential workers and communities of color) **receive critical information** to aid their decision-making around COVID-19 vaccination.



Recommendations and Actions for Mayors

RECOMMENDATIONS

- 1 Communicate in meaningful terms, crowding out misinformation.
- 2 Earn the public's confidence that allocation and distribution are evenhanded.
- 3 Make vaccination available in safe, familiar, and convenient places.
- 4 Establish accountability systems to instill public ownership of vaccines.



Advise health officer to provide residents **with clear and timely explanations regarding COVID-19 vaccine allocation and distribution strategies.**



Key Questions to Consider

- How is **distribution** being implemented?
- How are issues of **fairness** being addressed?
- How may **initial strategies** need to adapt depending upon dynamic conditions (e.g., increased disease, delayed supply)?



Recommendations and Actions for Mayors

RECOMMENDATIONS

- 1 Communicate in meaningful terms, crowding out misinformation.
- 2 Earn the public's confidence that allocation and distribution are evenhanded.
- 3 **Make** vaccination available in safe, familiar, and convenient places.
- 4 Establish accountability systems to instill public ownership of vaccines.



Direct the health officer – in collaboration with the local and state immunization manager – **to develop operational systems including nontraditional locations to provide vaccines.**

Examples: faith centers, grocery stores, schools, senior centers, offices



Confer with governor, state health officer, and state attorney general to **determine how best to address any legislative and policy barriers** that may prevent non-traditional vaccination locations from being used.



Recommendations and Actions for Mayors

RECOMMENDATIONS

- 1 Communicate in meaningful terms, crowding out misinformation.
- 2 Earn the public's confidence that allocation and distribution are evenhanded.
- 3 Make vaccination available in safe, familiar, and convenient places.
- 4 **Establish** accountability systems to instill public ownership of vaccines.



Work to establish a state-level public oversight committee (local for the most populous cities) to review and report on COVID-19 vaccination systems, ensuring allocation is fair, target groups receive vaccine, and populations disproportionately affected by the pandemic are justly served.



Mandate inclusive committee membership that reflects the jurisdiction's demographic make-up, incorporates diverse sectors including business and faith communities, and involves experts in public health, vaccination, and ethics.



August 20, 2020

QUESTIONS?

Joshua Sharfstein, MD

Monica Schoch-Spana, PhD



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