

Science, Technology Assessment, & Analytic

AI Overview

GUIRR Webinar on AI

August 27, 2020



SCIENCE,
TECHNOLOGY ASSESSMENT,
& ANALYTICS

+ Policy Actions

US Map

Global

R0 and Vaccines

! Data Reliability

💡 GAO Spotlights

📄 Gating Criteria

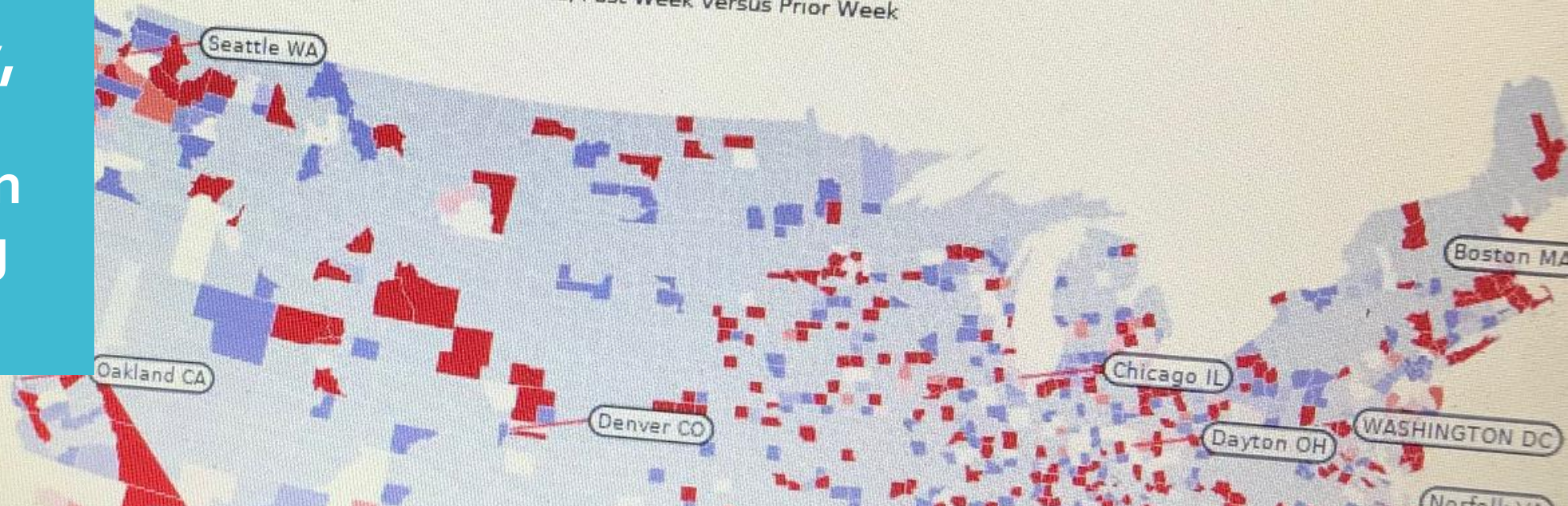
STAA provides Congress with critical foresight, oversight, and insight of science and technology issues in order to ensure continued American security, innovation, and competitiveness in a rapidly changing world.

daily reported case and death counts changed across the US

counties for information. Click & drag + double click to zoom. Double click again to zo

History of COVID-19 Cases over 14 Day Period

In Rolling Average Daily New COVID-19 Cases, Past Week versus Prior Week



GAO established the Innovation Lab to experiment on the use of AI and other emerging tools to tackle evolving oversight challenges that cannot be fully addressed through conventional approaches alone.

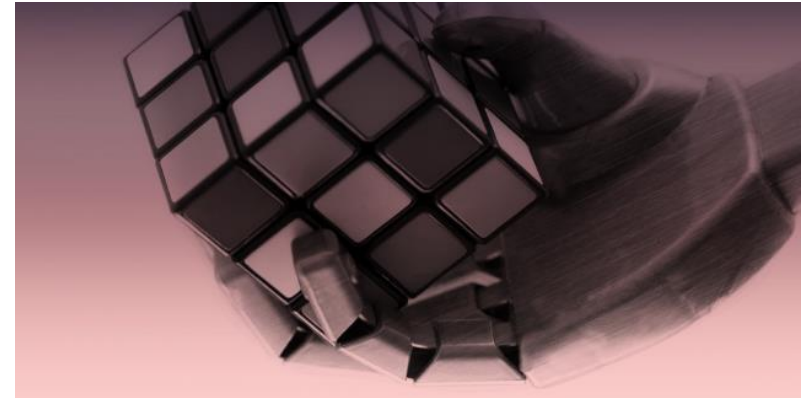
We drive new capabilities so GAO can address oversight questions with greater speed, scale, and depth.



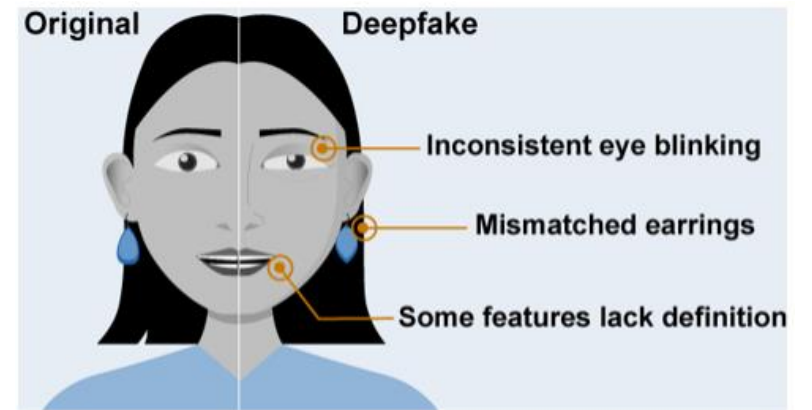
Learn more about the Innovation Lab:
[GAO-20-666SP](#)



AI in Health Care: Benefits and Challenges of Machine Learning in Drug Development
[GAO-20-215SP](#)



Artificial Intelligence: Emerging Opportunities, Challenges, and Implications for Policy and Research
[GAO-18-142SP](#)



Science & Tech Spotlight: Deepfakes
[GAO-20-379SP](#)

The “Crickets” Questions

- ? How is your organization implementing these governance principles?
- ? What artifacts is your organization prepared to provide an overseer on AI assurance?
- ? If your organization procures a commercially available model, where does the line of responsibility/liability?
- ? How do we conduct credible, technically rigorous, and continuous oversight work on AI?



About the Comptroller General's Forum on AI Oversight

1

Understand operational contexts and implications stemming from policies, transparencies, and accountability

2

Examine continuous assessment procedures and computational challenges

3

Examine concerns related to civil liberties, ethics, and social disparities which may results from AI systems

