Center for Forecasting and Outbreak Analytics (CFA)

Mission: The mission of the Center for Forecasting and Outbreak Analytics (CFA) is to advance U.S. forecasting, outbreak analytics, and surveillance capacities related to disease outbreaks, epidemics, and pandemics to support public health response and preparedness.

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Center Organizational Chart
https://intranet.cdc.gov/org-charts/cfa/

Points of Contact
Kristin Pope, Deputy Director of Management and Operations
Adrenne Keen PhD, Inform Division Director
Brad Myers, Inform Division Deputy Director
Jason Asher, Predict Division Director
Thomas Sukalac, Technology and Innovation Division Deputy Director

Priority Areas and Activities

The Center for Forecasting and Outbreak Analytics (CFA) serve as a national resource to help identify infectious disease threats, model their potential spread, and rapidly alert public health officials to improve decision-making during outbreak resposne.

CFA's Vision: to empower people to save lives and protect communities from health treats.
CFA's Mission: to harness cutting-edge analytics improve response to public health emergencies.

CFA Key areas include:
- Predict - to deliver actionable analysis and response-ready modeling tools
- Inform - to generate practical devision support products
- Innovate - to drive technological and analytic innovation

Key activity:
- Insight Net
  - Insight Net is a national network for outbreak and disease modeling, made up of private, public and academic partners. It was created to expand the CDC's capactiy to support state and local public health leaders detect, respond to, and mitigate future public heatlh emergencies.

Center level technical assistance services and programs

CFA is focused on providing technical assistance to decision-makers in federal, state, and local government, and our public and private partners.

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Budget Updates

Total number of grants and cooperative agreements with tribes, TECs, or THOs for FY 22.
0

Total number of grants and cooperative agreements with tribes, TECs, and THOs for FY 23.
0

For each FY 23 funding activity with tribes, TECs, THOs complete the following information. Please be sure to provide updates for each funding activity including CDC RFA Award Number, Award Title, Award Amount, Funding Period, and Brief Description)
N/A

Health Equity Updates

Does your CIO's health equity initiative include activities or metrics that specifically address AI/AN, tribes, TECs, or THOs? (Yes/No) If yes, provide metric and/or describe activities (please be sure to include supporting links).
CFA does not have specific activities or metrics focused on AI/AN. However, CFA is identifying disparities and building capacity to gather and analyze data with a focus on groups with highest risk of severe outcomes. CFA continues to prioritize and build upon equity into their work. Current actional steps are:

- Developing equity-informed data on transmission of various diseases, work that is critical to protecting people from disease outbreaks.
- Establishing and analytic response team within the Predict Division that will focus on specific populations in high-risk seetings for infectious disease, such as prisons; shelter; nursing homes and other congregate settings.
- Improving data collection methods, which will allow CFA to explore heterogeneity within racial groups in exposures and outcomes of infectious disease models.
- Using relevant demographic categories in models to identify inequities in projected disease impacts.
- Making it a principle, when analyses identifying disparities in the impact of a disease or condition across demographic groups, to investigate the causes of the disparity and potential solutions rather than stopping with identification.

Is your CIO currently collecting, receiving, or producing health equity data that includes AI/AN information? (Yes/No). If yes, describe the data being collected, received, or produced (please be sure to include supporting links).
No

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Tribal Updates

Please provide a brief description of any efforts to help tribes/TECs/THOs build or improve data infrastructure. (Please be sure to include supporting links and references).
N/A

Please provide a brief description of any efforts to help tribes/TECs/THOs to collect, acquire, or improve data. (Please be sure to include supporting links and references).
N/A

Please provide a brief description of any efforts to help tribes/TECs/THOs enhance their ability to manage, analyze, interpret, or disseminate data. (Include training or technical assistance tools and resource links.)
N/A

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