



Board of Scientific Counselors Update

National Center for Health Statistics

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October 22, 2021

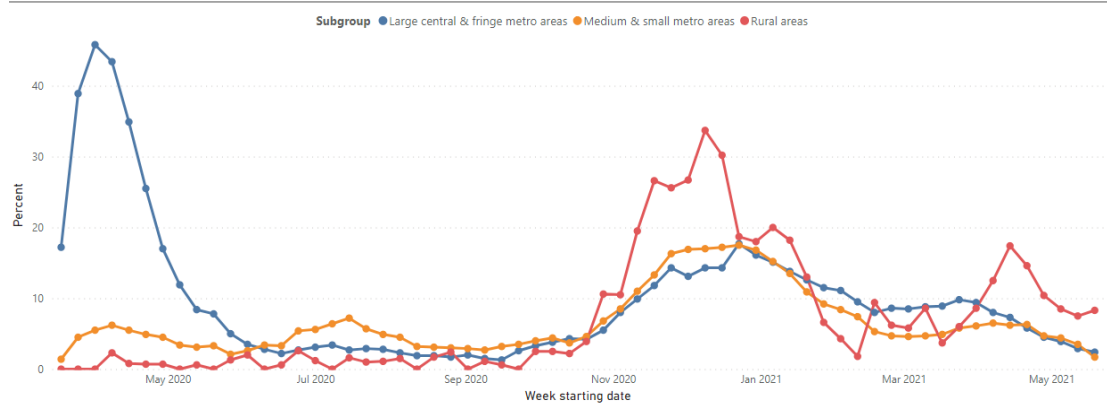
Welcome and Thank you to our Board Members!

WELCOME!

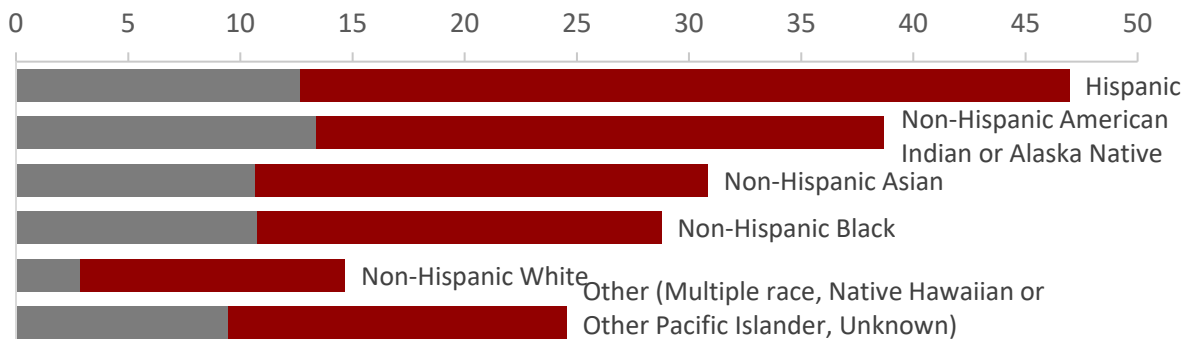


Recent Data Releases on COVID-19

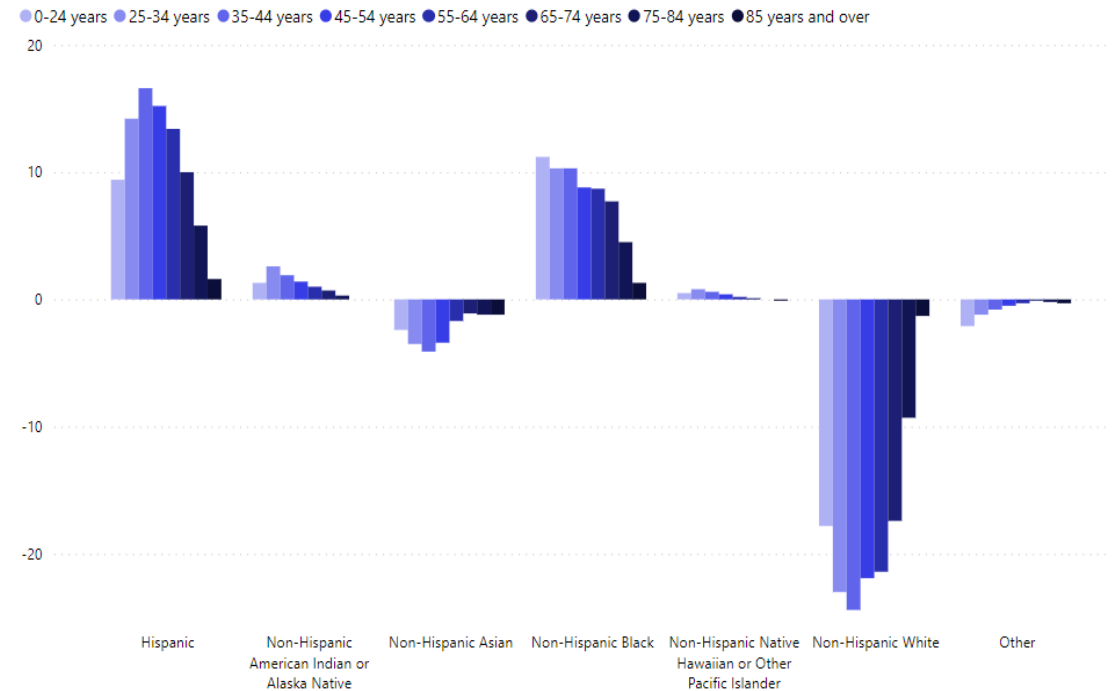
Percentage of encounters with confirmed COVID-19 status by hospital **urban-rural** location



Percent increase in total number of deaths in 2020 through October 9, 2021 vs. 2019 **all cause** and excluding COVID-19



Age-specific differences in COVID-19 mortality and population distribution, grouped by race & Hispanic origin



Cross-Cutting Work on the Social Determinants of Health

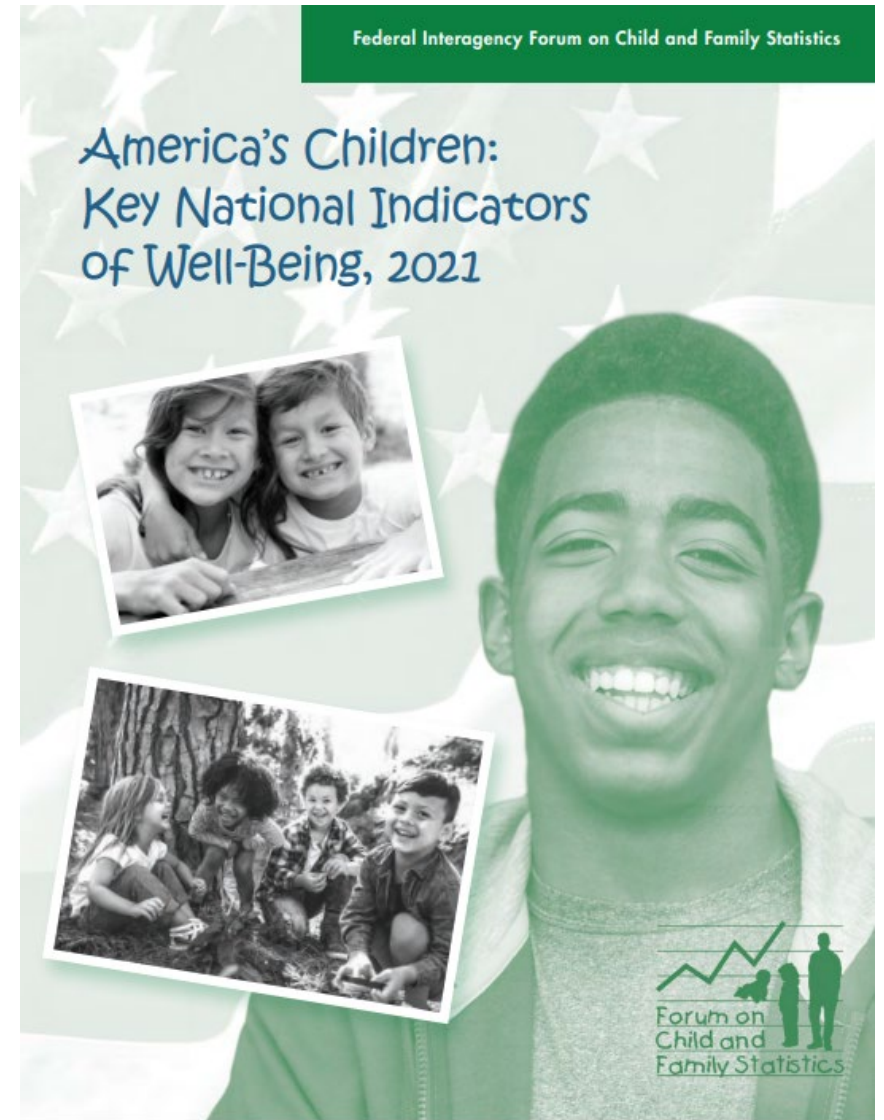
- **Expand data, data sources, and use of data science techniques to address Social Determinants of Health (SDOH)**
 - Expand survey questions for analysis of SDOH and health outcomes
 - Conduct new question design and evaluation
 - Conduct new and updated data linkages
 - Improve access to new data sources for data users
 - Privacy Protecting Record Linkage
 - Synthetic data sets
- **Integrate SDOH data into cross-CDC and HHS evidence-building efforts**
 - Collaborate with agencies on data linkage methodologies for broader access to HHS data assets

Social Determinants of Health



New Report on America's Children

- **Purpose:**
 - To update well-being indicators and trends across economic, health, education, and other domains
- **Published:**
 - September 2021
- **2021 Report Highlights:**
 - Decrease in the percentage of children, ages 0 – 17, living in households with one or more housing problems
 - Increase in youth, ages 12- 17, with at least one major depressive episode
- **Click [here](#) to access the report**



National Center for Epidemic Forecasting & Outbreak Analytics

The center will advance the use of modeling, forecasting, and outbreak analytics in public health communication and decision making.



Predict

- Generate forecasts and analyses for preparedness and response
- Assess analytical products from outbreaks
- Establish and maintain data architecture
- Support decision-making in pandemics



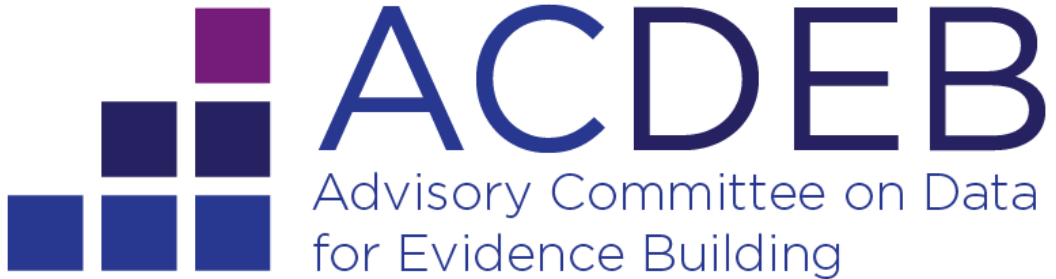
Inform

- Support decision-making in pandemics
- Bring together next-generation data with interdisciplinary expertise and high-quality communications
- Share timely information across government and with the public



Innovate

- Develop and fund priorities to improve outbreak forecasts and analyses
- Invest in research and engineering
- Partner with STLT, academia, private sector, and interagency
- Develop innovation testbeds at STLT health departments and clinical settings



Purpose: To make recommendations on issues of **access to data**, how to facilitate **data sharing**, **data linkage**, and **privacy** enhancing techniques

Advisory Committee: Core Topics and Central Issues

- Capacity needs for secure data access and record linkage
- Areas for research and development on state-of-the-art data access and data protection methods
- How to protect privacy when using personally identifiable information or confidential business information in support of evidence building
- How to promote transparency and facilitate public engagement with the evidence building process
- Agency needs for data management and data stewardship services
- How to best facilitate the needs of researchers, evaluators, and other evidence builders through a national data service or similar approach

Federal Committee on Statistical Methodology (FCSM)

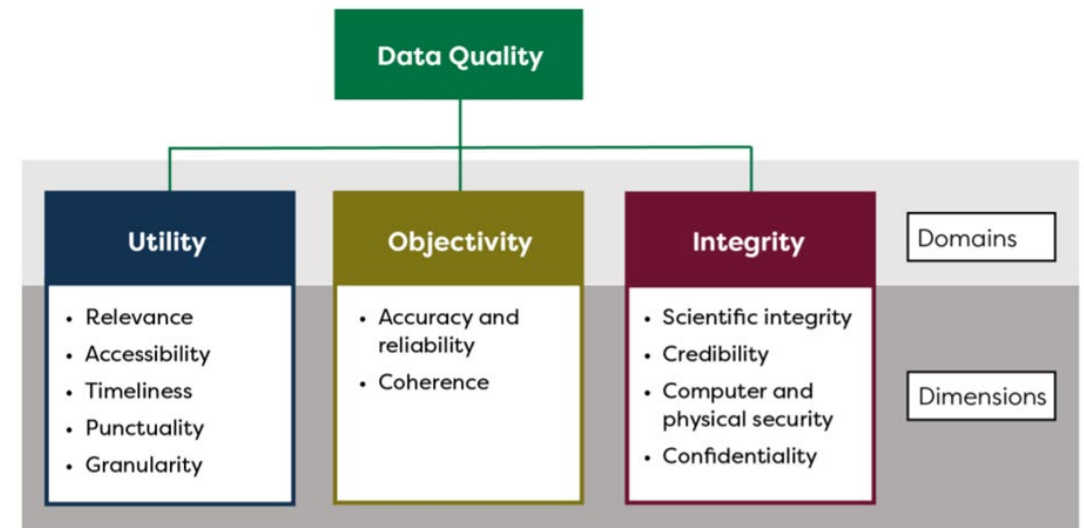
A Framework for Data Quality, released September 2020

- Guides statistical agencies in data collection, data quality, and respondent confidentiality, especially in using “Big Data”
- September 2021 workshop on “Leveraging the Data Quality Framework”
- HHS Workgroup on using the Framework for HHS Blended Data
- Next steps: Case-studies on the Framework’s application across scenarios

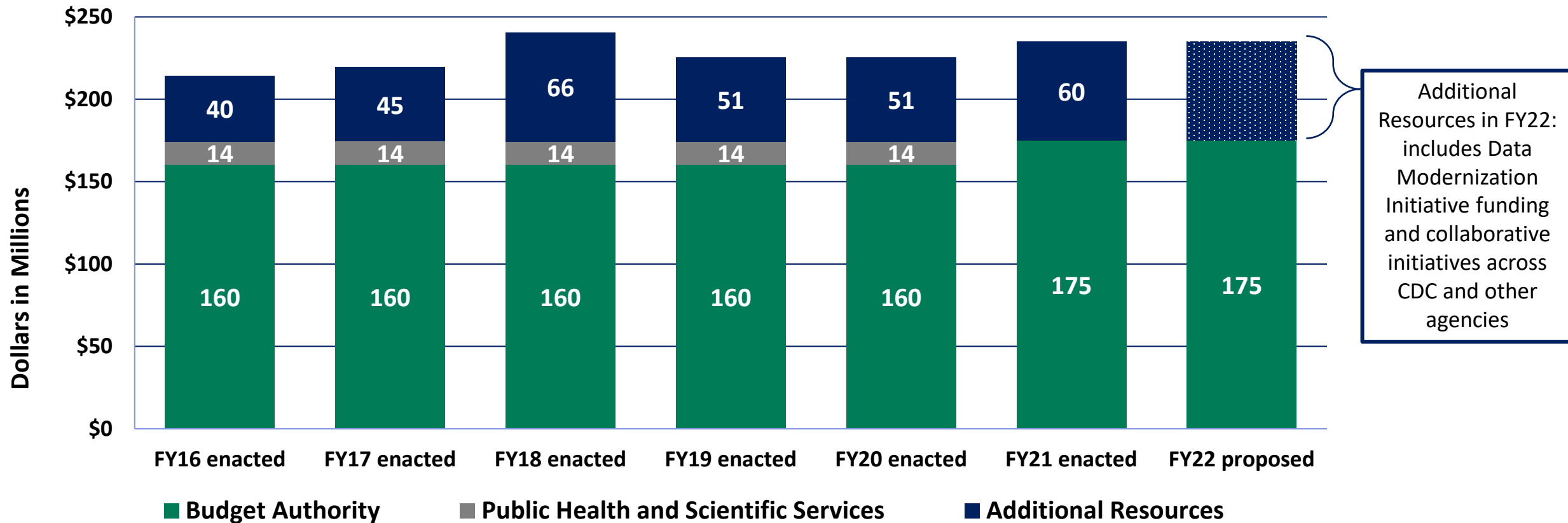
Data Protection Toolkit

- Provides best practices for privacy protection across data types, as defined under the Evidence Act
- New resources are added regularly on data sharing and protection

Interagency Council on Statistical Policy (ICSP)



NCHS Budget Update



Thank you for joining us!

For more information, contact CDC
1-800-CDC-INFO (232-4636)
TTY: 1-888-232-6348 www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

