

# Board of Scientific Counselors Update from the NCHS Director

**Brian C. Moyer, Ph.D., NCHS Director**

January 27, 2021



# Recent Data on COVID-19

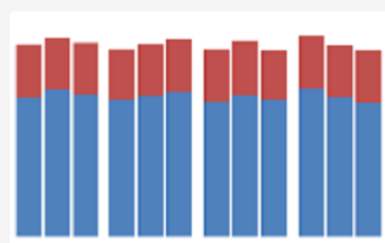
## COVID-19 Birth Data and Resources

NCHS is responding to [Coronavirus Disease 2019 \(COVID-19\)](#) with new resources to help monitor COVID-19 infection during pregnancy and changes in health services utilization and maternal and infant outcomes.

Below please find information on characteristics of women with COVID-19 at any time during pregnancy, and their newborns for a limited number of states, monthly changes in selected national health services utilization and maternal and infant outcome measures among all births based on provisional 2020 birth data compared with the same month in 2018 and 2019, and guidance for states that are considering collecting maternal COVID-19 on the birth certificate.

**i** Note: The tables below have different methodologies, which are outlined on their respective pages.

### Provisional Birth Estimates for Coronavirus D

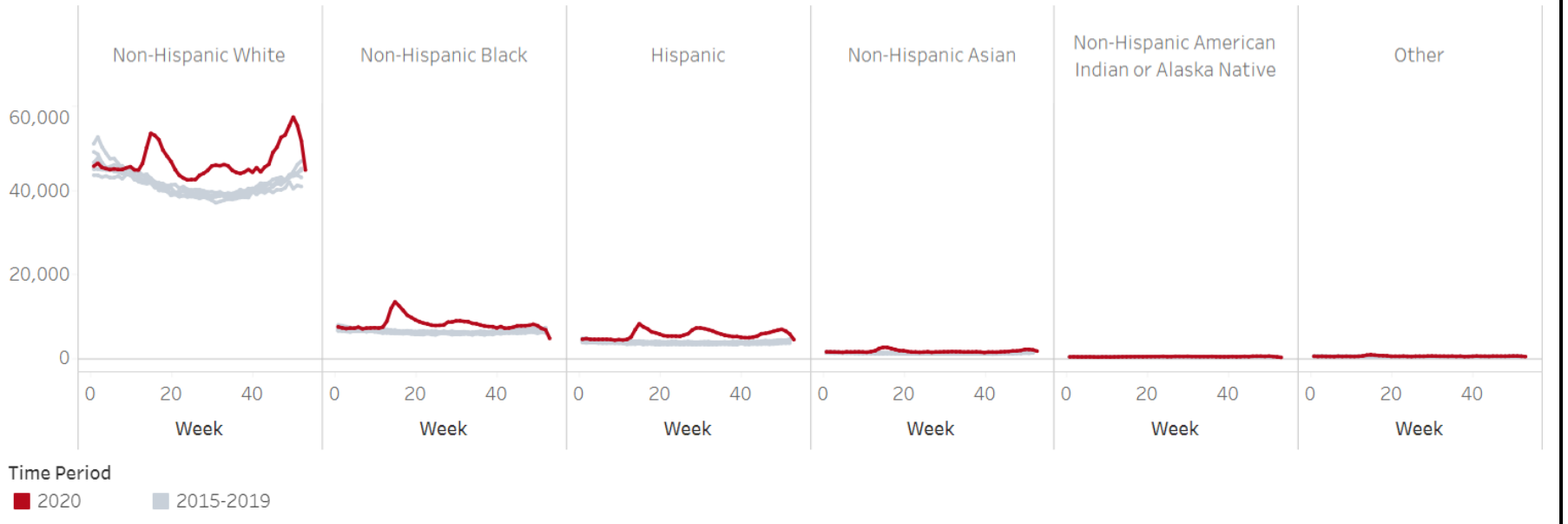


Maternal and infant  
Tabulated provisional  
United States.

Updated January 12, 2021

## Executive Order On Advancing Racial Equity and Support for Underserved Communities Through the Federal Government

Weekly counts of deaths by race and Hispanic origin

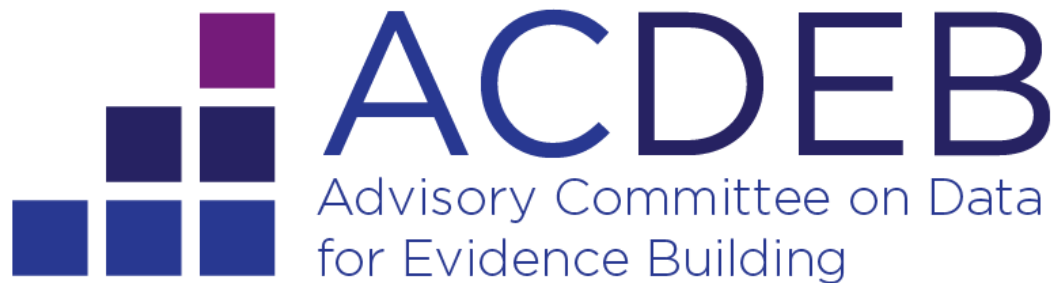


## Recently Published Reports in Dec/Jan 2021

- Mortality in the United States, 2019
- Final Death Data for 2018
- Respiratory Illness Emergency Department Visits
- Drug Overdose Deaths in the United States, 1999 – 2019

## Upcoming Reports in Feb 2021

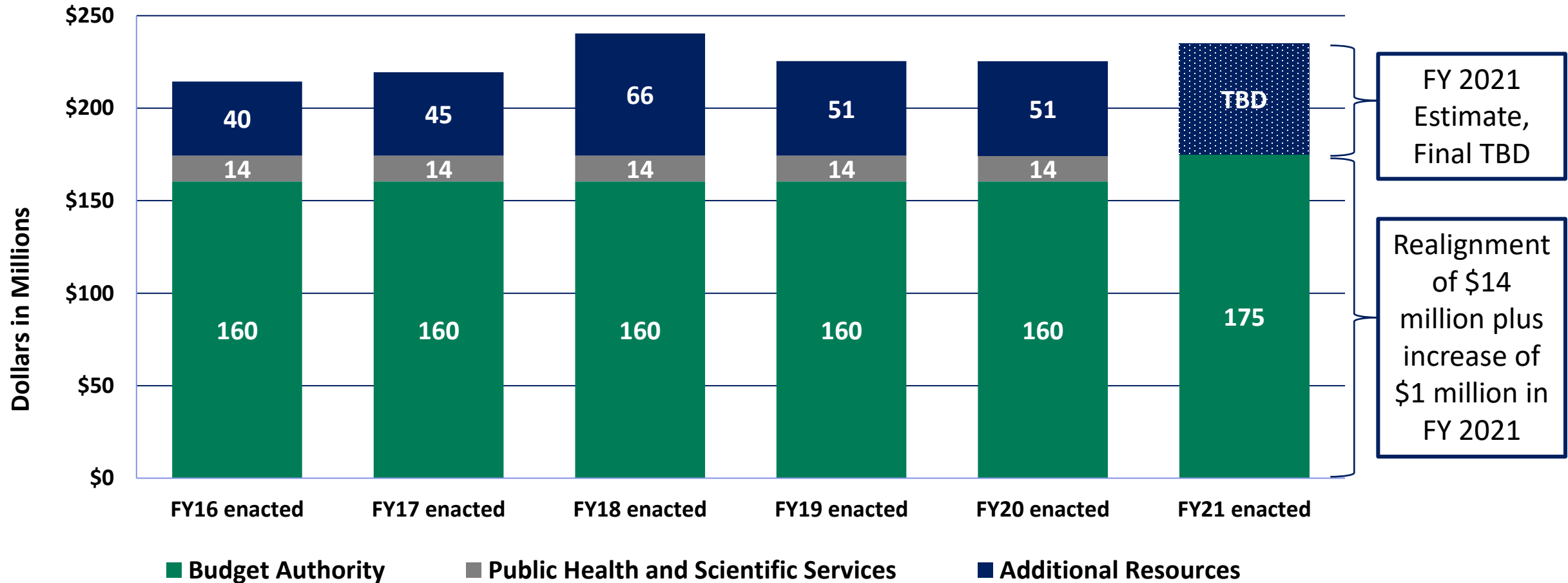
- Secondhand Smoke Exposure Among Nonsmoking Adults, 2015 – 2018
- Multiple Chronic Conditions Among Veterans and Nonveterans, 2015 – 2018



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

- 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

# NCHS Budget Update



“Additional Resources” include reimbursables from CDC and other agencies.

# New CDC Director: Dr. Rochelle Walensky

- Professor of Medicine at Harvard Medical School and a practicing Infectious Disease physician at Massachusetts General Hospital and Brigham and Women's Hospital
- Chair of the Office of AIDS Research Advisory Council (NIH) and a member of the HHS Panel on Antiretroviral Guidelines for Adults and Adolescents
- Research has focused on
  - model-based analyses of the cost-effectiveness of HIV testing, care, and prevention strategies
  - **COVID infection prevention and control strategies**
  - analyses of the impact of the pandemic on **healthcare workers**
  - recent co-author on JAMA article analyzing **excess deaths**

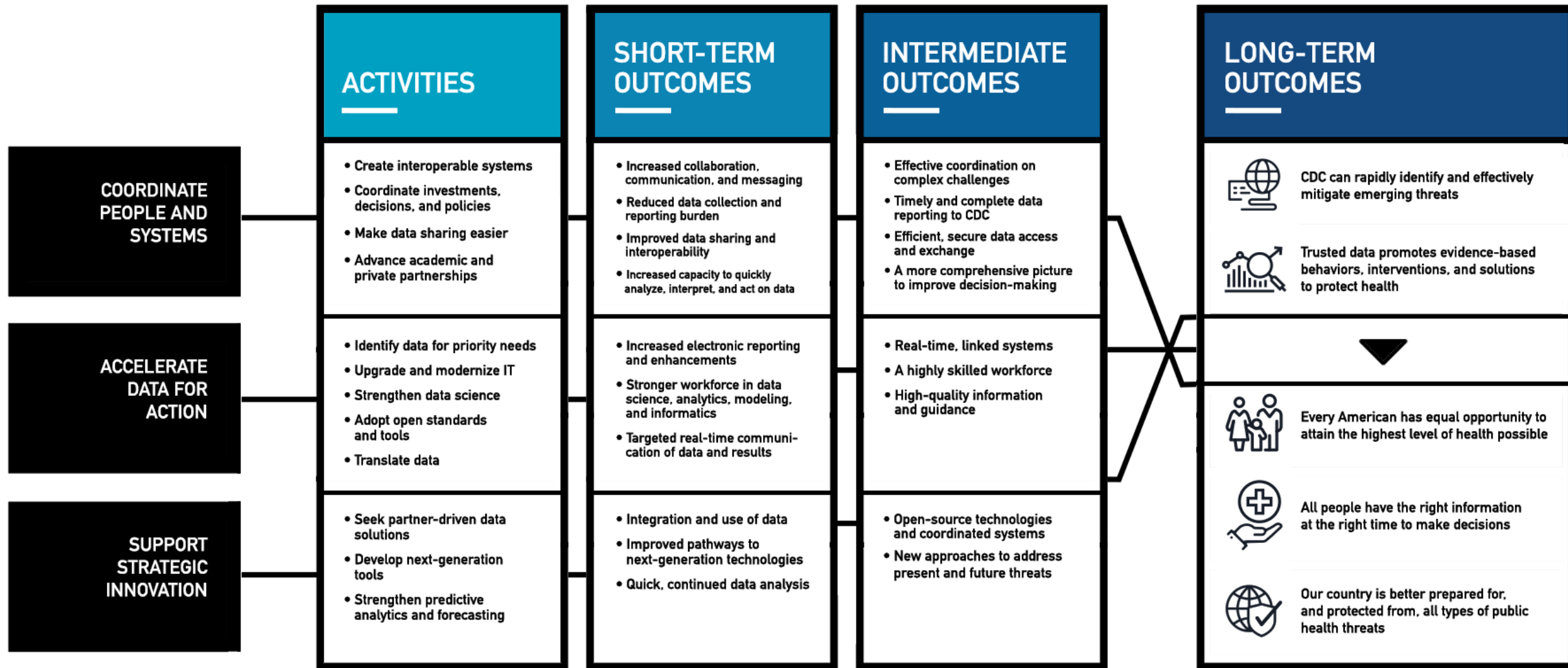


# Data Modernization Initiative (DMI) Thematic Areas

- Data Sharing Across the Public Health Ecosystem
- CDC Systems and Service Enhancements for Ongoing Data Modernization
- New Standards and Approaches for Public Health Reporting



# CDC's DMI Roadmap of Activities and Expected Outcomes





# NCHS Theme 1 Activities: Data Sharing Across the Public Health Ecosystem

- **Modernize NVSS**
  - Fully support FHIR based bi-directional messaging
  - Enhance existing data quality review tool
  - Develop and enhance automated cause of death coding systems
- **Improve NVSS Data Quality and Consistency**
  - Develop consistent processes, standards, systems, and training for investigating, certifying, and reporting



## NCHS Theme 2 Activities:

# CDC Systems and Service Enhancements for Ongoing Data Modernization

- **Facilitate data source identification**
  - Improve ability of users to identify data sources
  - Develop enterprise-wide access tools to guide users to data
- **Simplify access and use of microdata**
  - Simplify and facilitate access to and use of microdata
  - Build a repository with standardized metadata on sources and uses, searchable catalogues, and linkages to external sources
  - Integrate and streamline access to NCHS' enterprise data assets
- **Improve access to nonpublic data**
  - Provide controlled access to data files that cannot be released broadly
  - Develop a new remote access mechanism

