



# Leadership Update

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# Data Modernization Initiative

## OUR ULTIMATE GOAL

To move from siloed and brittle public health data systems to connected, resilient, adaptable, and sustainable **'response-ready'** systems that can help us solve problems before they happen and reduce the harm caused by the problems that do happen.

*Better, Faster, Actionable Intelligence for Decision-Making*

DMI  
@ CDC  
—



# Data Modernization Initiative Priorities

**NCHS's DMI activities promote greater data accessibility and data interoperability. These activities also support the 2018 Foundations for Evidence-Based Policymaking Act.**

## Electronic Health Records (EHRs)

- Develop partnerships to significantly expand available data through EHRs for enhanced analysis

## Healthcare Electronic Health Records (HEHR) Cloud Migration

- Cloud-based infrastructure to drive enhanced NCHS survey operations and efficiencies

## Microdata Access

- Standardize NCHS data will provide opportunities for enhancement of reporting, visualization, and advanced analytics

## Model-Based Early Estimates

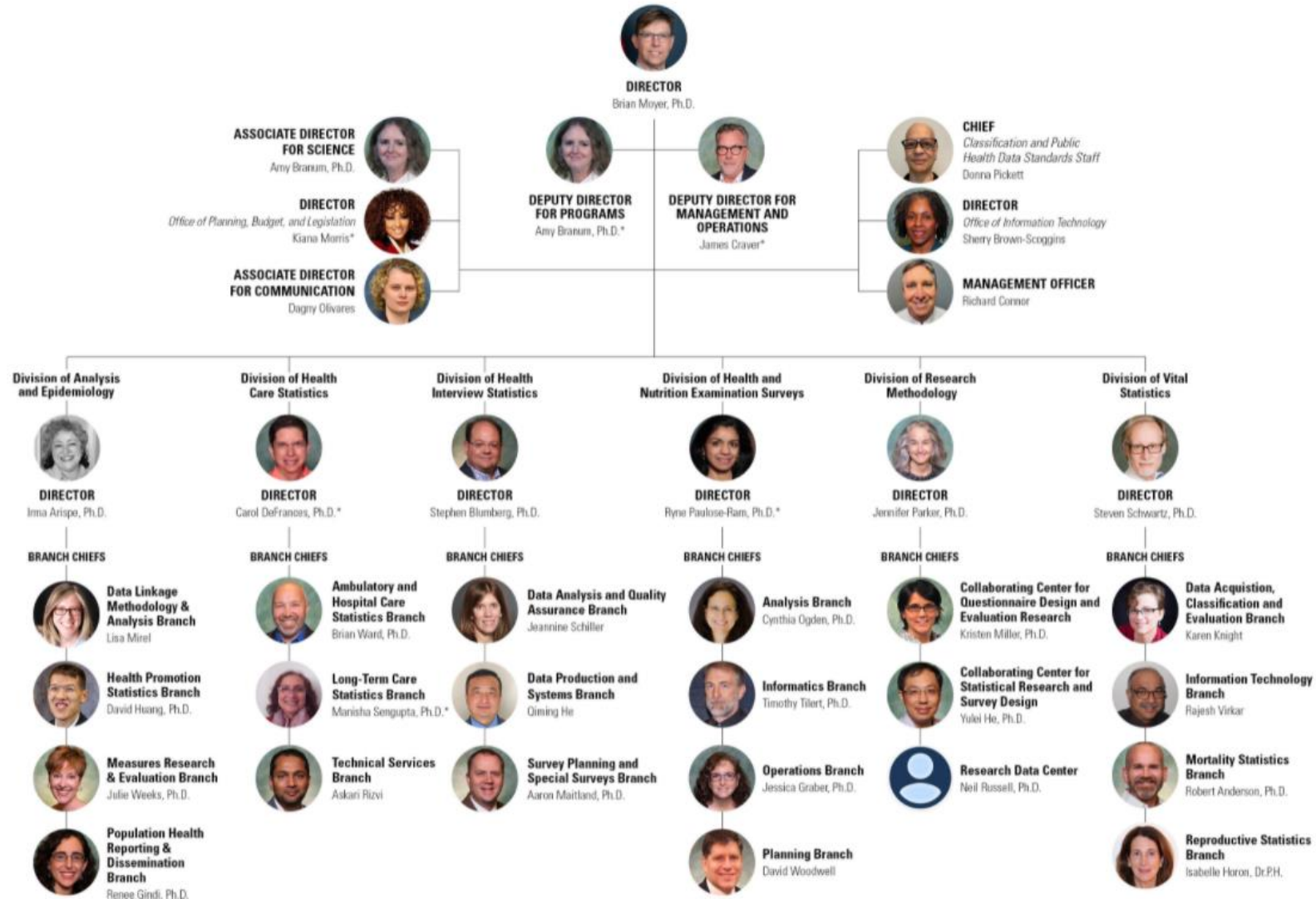
- Develop and leverage data science tools and techniques to produce faster, more granular estimates for key health statistics

## National Vital Statistics System (NVSS) Modernization

- Enhance data interoperability and speed up collection and reporting of vital statistics

# NCHS Organizational Chart

National Center for Health Statistics



# Data are Key to HHS & CDC SDOH-related Initiatives

## HHS SDOH Action Plan

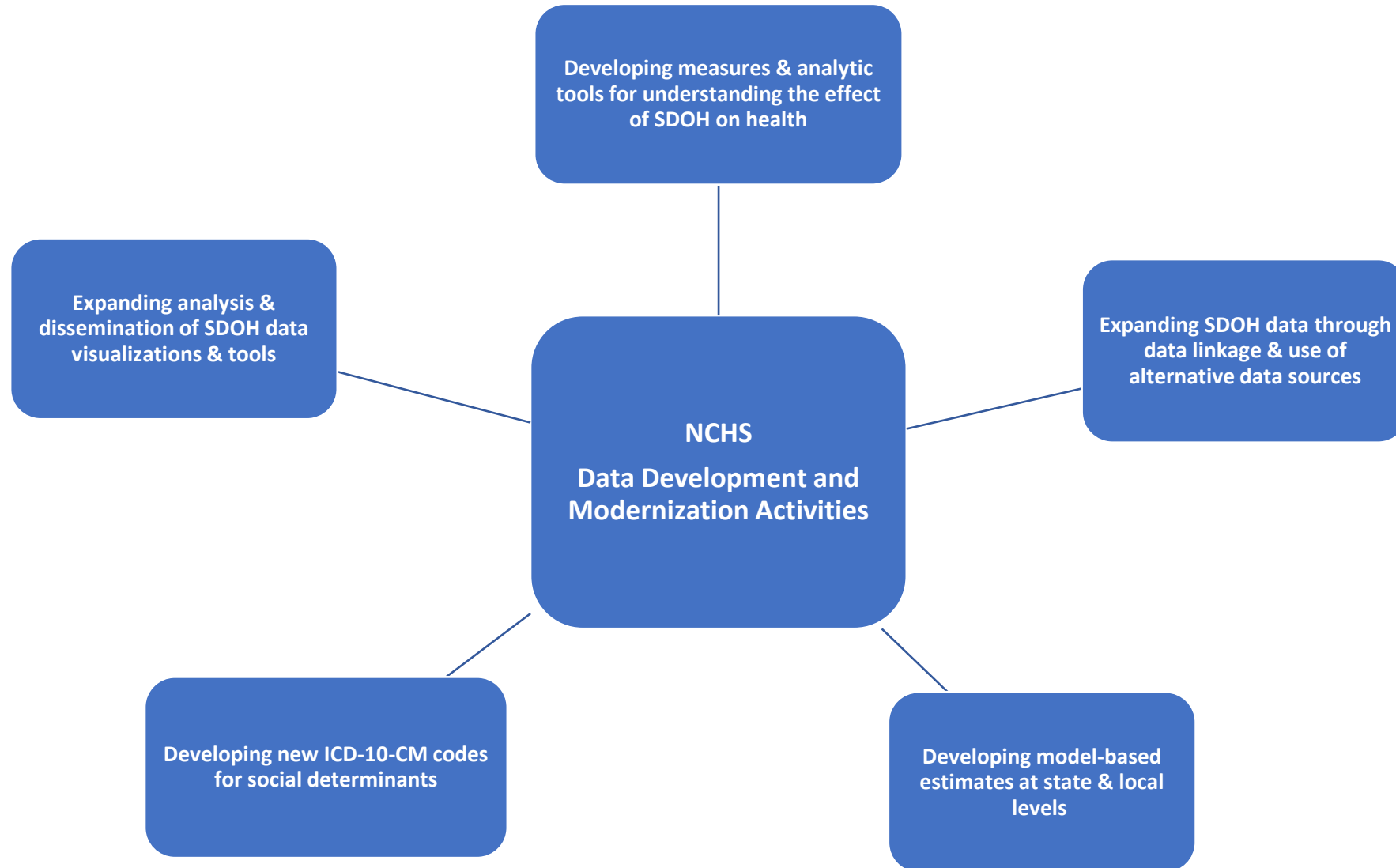
### Social Determinants of Health



## CDC Task Force on SDOH



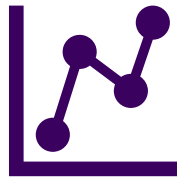
# NCHS Activities to Support SDOH



# NCHS Program Updates and New Initiatives



**Coordinating Office for  
Medical Examiners and  
Coroners (ME/C)**



**NCHS Provisional  
Mortality Data on CDC  
WONDER database**



**Advancing Gender  
Identity Work**







**Onboarding CDC  
Researchers to NCHS  
Virtual Data Enclave**

# Medical Examiners and Coroners

## Goal of Proposed Office:

To coordinate work and promote collaboration on issues related to Medical Examiners and Coroners (ME/C); to serve as an information hub for ME/C, CDC CIOs, and other stakeholders, including Federal and jurisdictional partners.

## Objectives:

-  - Promote quality and consistency in death investigation and cause-of-death information
-  - Promote collection, automation, and distribution of medicolegal death investigation data
-  - Facilitate information sharing within the medicolegal death investigation community
-  - Coordinate public health surveillance efforts among CDC units and other partners/stakeholders



# NCHS Strategic Plan - Fiscal Years 2022–2025

## Thank You for Your Input

- NCHS’s strategic plan was a collaborative effort between NCHS and partners from the start.
- **The BSC’s input focused on:**
  1. Integrating health equity into the plan
  2. Building on NCHS’s existing programs
  3. Workforce development and support

## Operationalizing the Plan

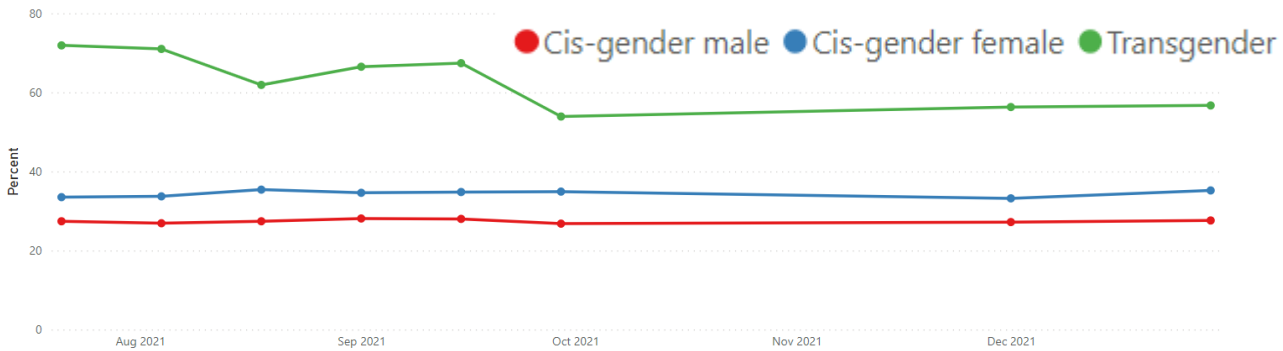
- Tiger Teams are in place to develop an Operational Plan
- Three Components:
  - Logic Models
  - Action Planning Tool
  - KPI Performance Scorecard



# Recent Data Releases on COVID-19

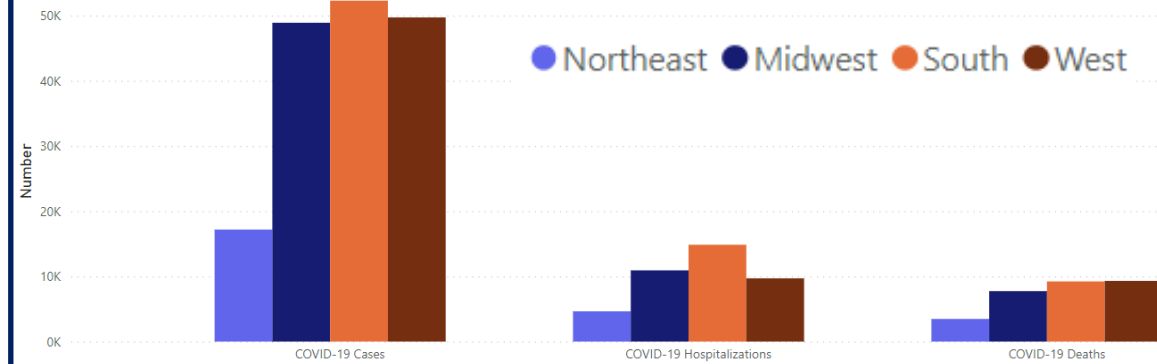
## Household Pulse Survey

Symptoms of Anxiety and Depressive Disorder during the COVID-19 Pandemic, by Gender Identity



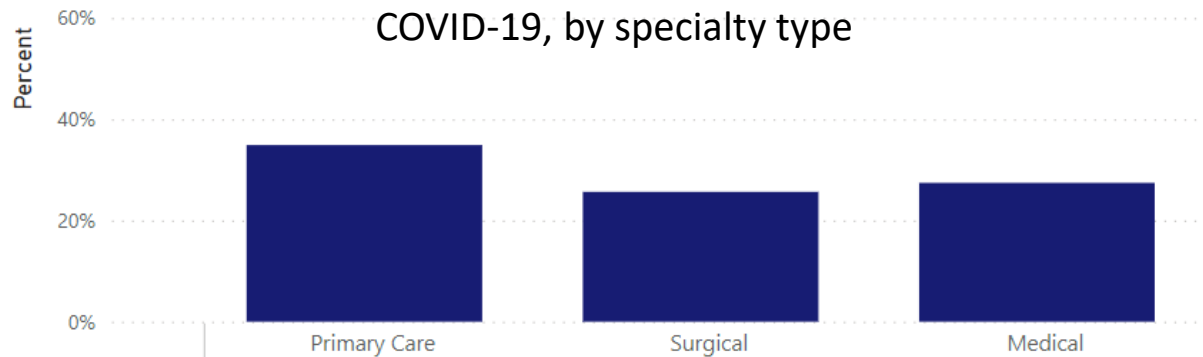
## National Post-Acute and Long-term Care Study

Number of COVID-19 cases, hospitalizations, and deaths among residential care community residents, by U.S. Census Region, Jan 2020 – March 2021



## National Ambulatory Medical Care Survey

PPE Shortages Experienced by Office-Based Physicians due to COVID-19, by specialty type



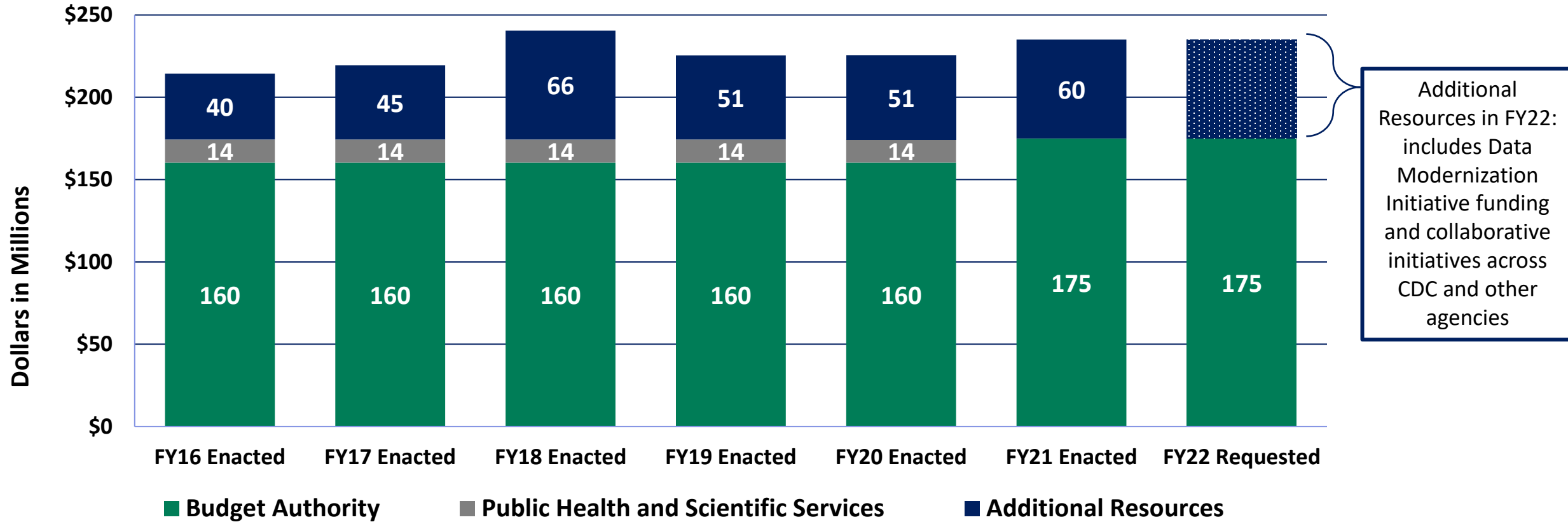
## Recently Published Reports Dec 2021 and Jan 2022

- Mortality in the United States, 2020
- Maternal and Infant Characteristics and Outcomes Among Women with Confirmed or Presumed COVID-19 During Pregnancy: 14 states and DC
- Drug Overdose Deaths in the United States, 1999 – 2020
- Stressful Life Events Among Children Aged 5-17 Years by Disability Status: United States, 2019

## Upcoming Reports Feb 2022

- Births: Final Data for 2020
- Marriage Rates in the U.S. by State, 1990-2020
- Divorce Rates in the U.S. by State, 1990-2020
- Demographic Variation in Health Insurance Coverage: United States, 2020

# NCHS Budget Update



# Discussion/Questions

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

