

Update from the Division of Analysis and Epidemiology

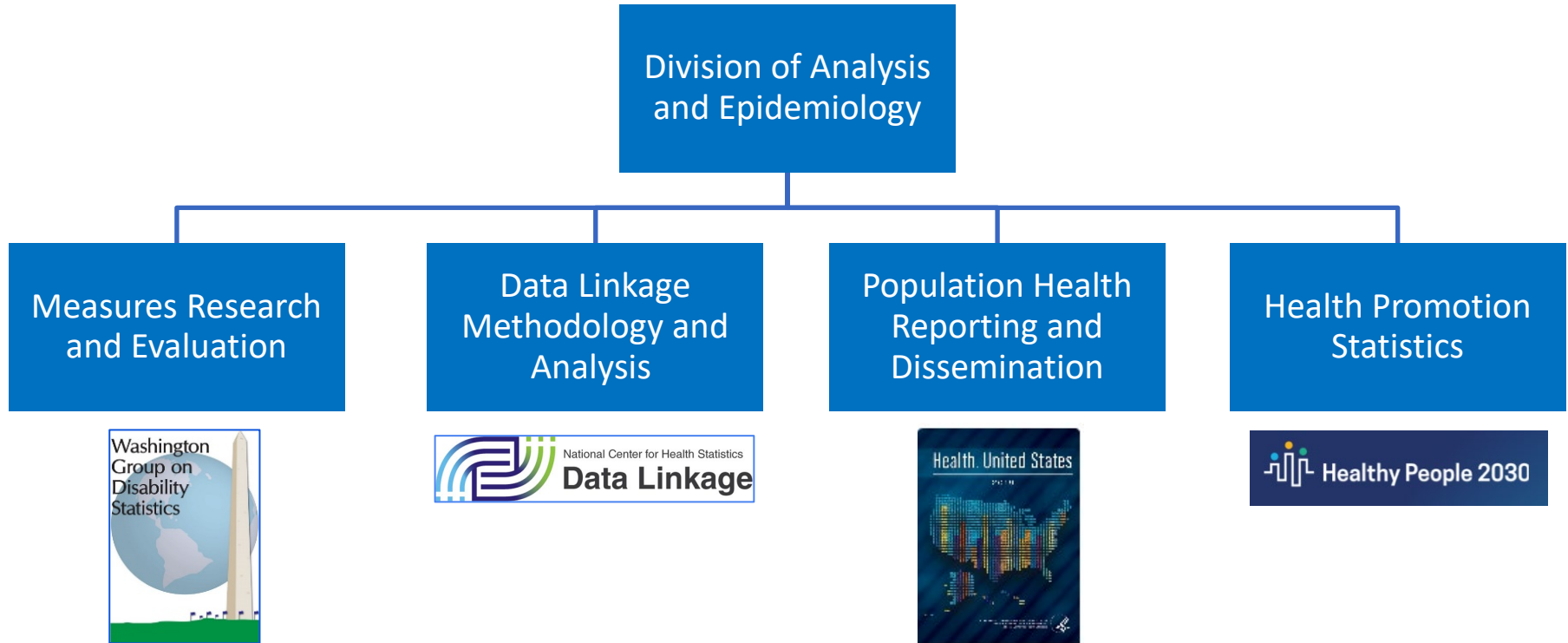
Irma Arispe

Board of Scientific Counselors

October 22, 2021

NCHS Division of Analysis and Epidemiology

Major Program Areas



Goal 1: Expand Relevance, External Engagement

Understand user needs

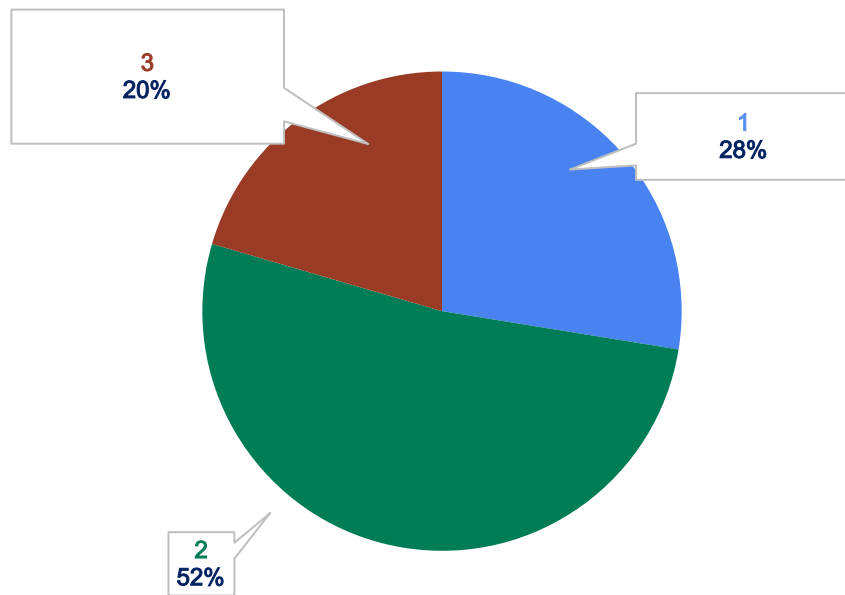
Improve awareness and use of products

Build and maintain partnerships

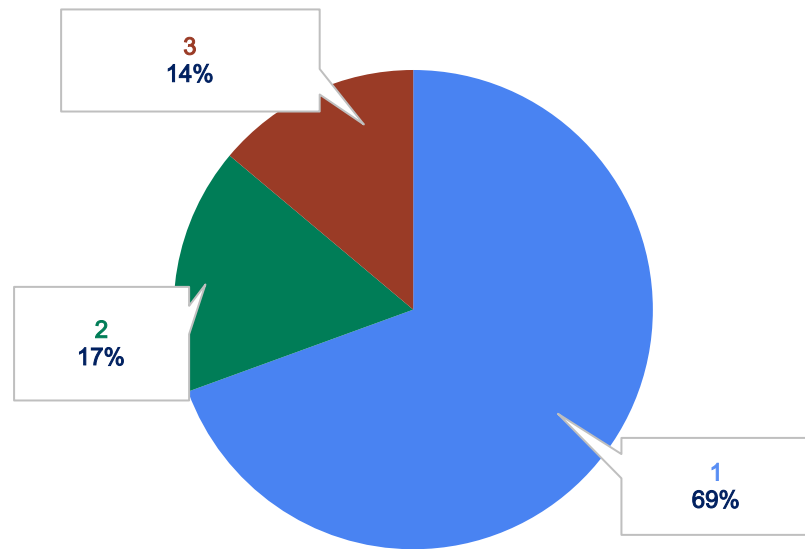
NCHS Products Target Different Audiences in Different Ways

Citations of Healthy People 2030 and *Health, United States* FY2021

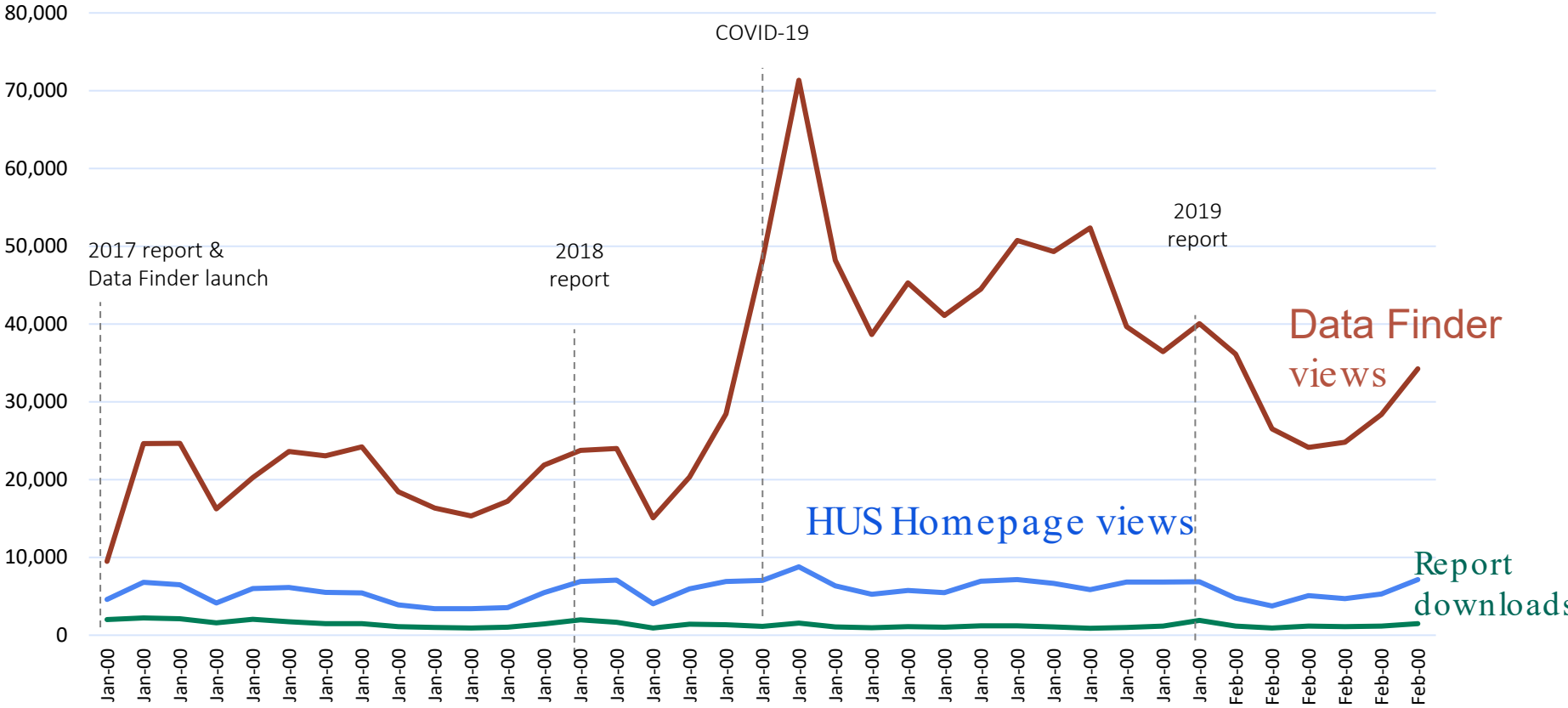
Healthy People 2030



Health, United States



Monitoring Use of Health, United States Products



A Health, United States Query System Informed by Users' Needs

Health, United States redesign's systematic approach helped us understand **who** was using Health US, **what** topics and analyses were most frequently used, and **why** users selected those data.



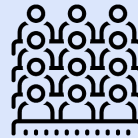
Web analytics



Web user
survey



Literature
review



Audience
research



Stakeholder
interviews

Collaboration and Engagement

Types of Partnerships

- Data partners
- Reviewers
- Subject matter/topic
- Methods development
- Technical assistance
- CDC and external agency business partnerships
- Interagency/International analytic or reporting partnerships
- Visionary partnerships

NCHS/AcademyHealth Data Visualization Challenge

<https://academyhealth.org/NCHSData>

A competition to create interactive data visualizations that address public health issues using NCHS trend data.

**Submit an Intent to Apply for
the NCHS/AcademyHealth
Data Visualization Challenge**

Application Deadline: November 15,
2021

[Submit Intent](#) ➞

Goal 2: Accelerate Data Capabilities

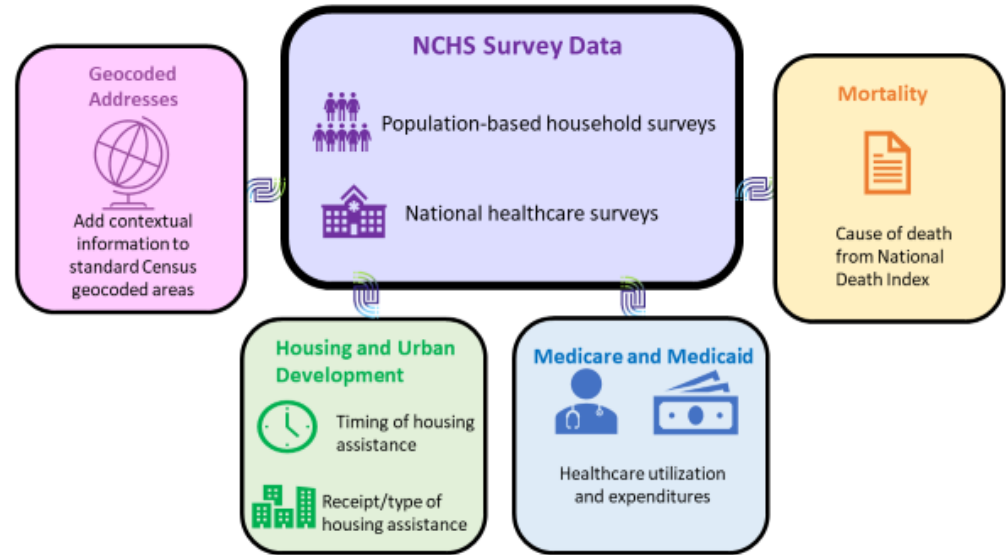
Modernize systems and infrastructure

Expand data sources & collection methods

Enhance analytic tools and techniques

NCHS Data Linkage Program

- Linking data can provide policy-relevant information in an efficient way
- NCHS links its surveys to administrative data sources using personally identifiable information (PII)
- NCHS also geocodes its surveys to facilitate merging of contextual variables

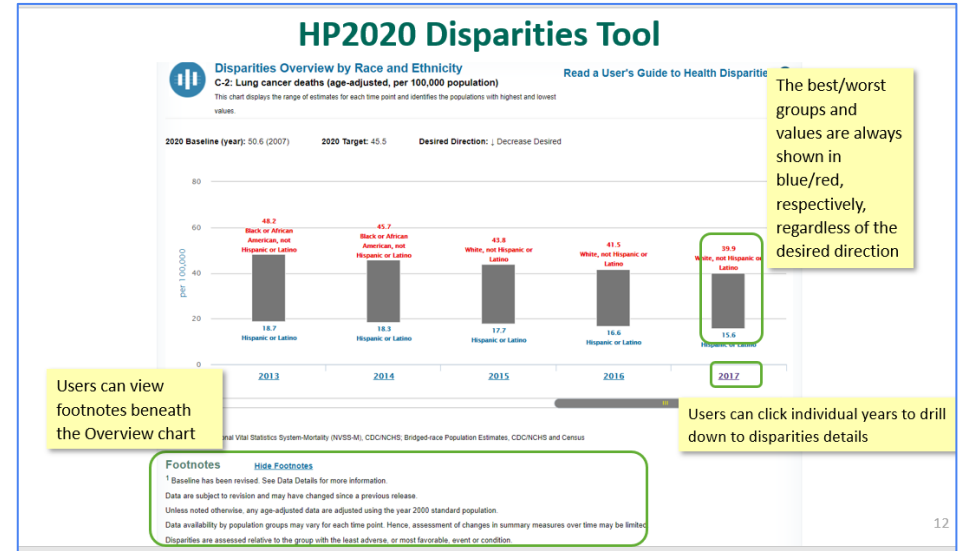
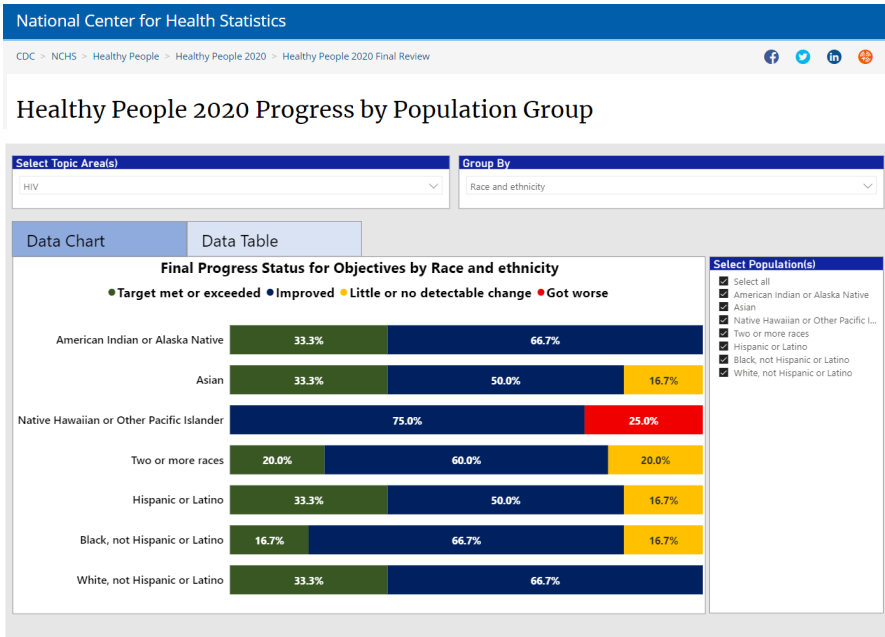


New Developments in the Data Linkage Program: Partnerships are Key

- New data sources, linkages
 - ✓ Department of Veterans Affairs health and benefits data
 - ✓ CMS' Transformed Medicaid Statistical Information System (T-MSIS)
 - ✓ Updated linkage with ESRD data
- Methodologies for expanding access while protecting privacy
 - ✓ PPRL
 - ✓ Synthetic Data files
- Leveraging data to improve administrative data on race and ethnicity
- New partnership with Georgia Tech Research Institute will inform content of publicly available linked data files



Enhancing Analytic Tools for Health Equity



Informing Health Equity Priorities: Ensure Disability Inclusion

National Center for Health Statistics

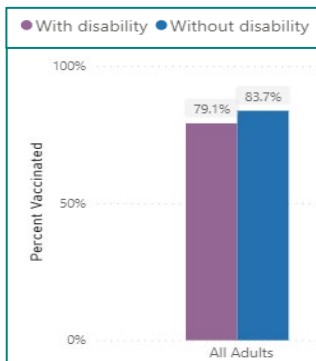
CDC > NCHS > COVID-19 Data from NCHS > Health Care Access, Telemedicine

Functioning and Disability

Household Pulse Survey

To rapidly monitor recent changes in health status and health care, the National Center for Health Statistics (NCHS) partnered with the Census Bureau on an experimental data system called the Household Pulse Survey. This 20-minute online survey was designed

- Anxiety and Depression
- Mental Health Care
- Health Insurance Coverage
- Access to Health Care
- Telemedicine Use



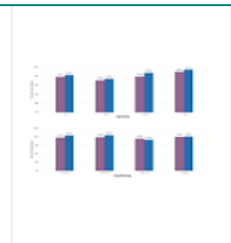
- Washington Group Short Set measures in Pulse
- NCHS and CDC web pages feature data
- Disparities in vaccination, mental health, access and utilization

COVID Data Tracker

Health Equity Data

Vaccinations by Disability Status

Explore COVID-19 vaccination rates among people with disabilities by age and race/ethnicity



Goal 3: Build on Workforce, Operational Excellence

Strengthen workforce management

Improve professional advancement, development, leadership

Improve coordination, collaboration, internal communication

Selected Professional Development and Collaborative Opportunities




- COVID deployments
- Cross coverage, cross training, developmental assignments
- Mentoring programs: NCHS, ICSP, HHS
- Health Communication Early Career Certificate Program
- Data Science Upskilling Program
- Data Science Certificate Program
- Long term education
- NCHS Data Visualization Group
- Health Equity and Disparities Interest Group
- Invited Presentations



2021 CDC Data Science Certificate Program



Recruiting New Staff: Methodologists

 An official website of the United States government

USAJOBS

Statistician (Health)

DEPARTMENT OF HEALTH AND HUMAN SERVICES
[Centers for Disease Control and Prevention](#)
National Center for Health Statistics (NCHS)

Overview

Locations

Duties

Requirements

Required Documents

Benefits

How to apply

Overview

Accepting applications

Open & closing dates

🕒 10/07/2021 to 10/27/2021

Duties

Summary

The incumbent functions as a senior specialist and expert on a wide range of population health issues including statistical and analytic methods, and population health topics such as mental health, health services, aging, and health disparities.

The vacancy number is [HHS-CDC-DH-22-11257013](#) and is open from **10/07/2021** through **10/27/2021**. The vacancy announcement can be found at: <https://www.usajobs.gov/GetJob/ViewDetails/616727400>

Thank you!

