



# Beginner's Guide to Disability and Health Data System

**NaTasha Hollis, PhD**

**Alissa Stevens, MPH**

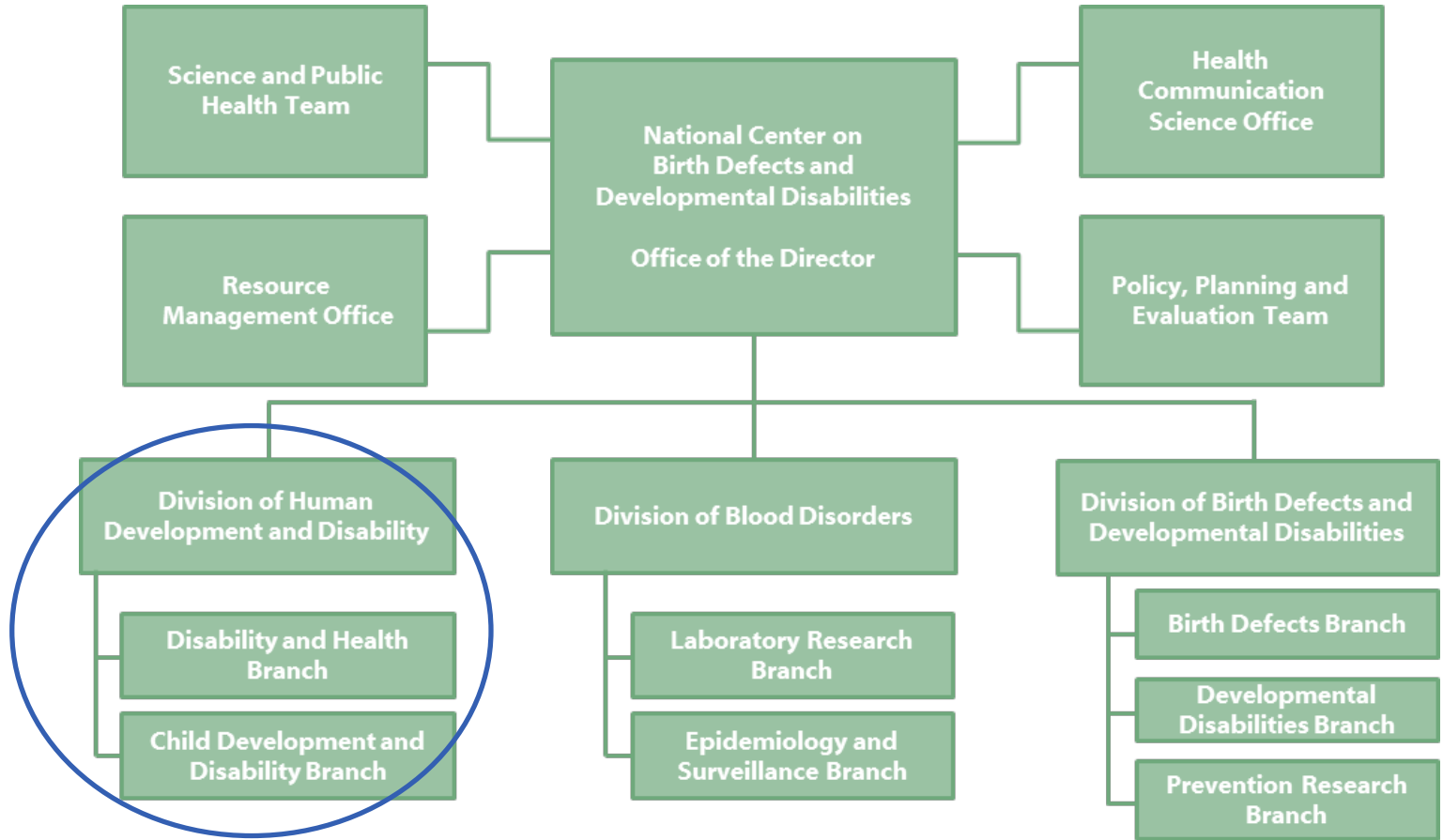
June 21, 2018



# Before We Get Started...

- Disability and Health Data System = DHDS
- Beginner's Guide to DHDS (today)
  - Background
  - Demonstration
  - Q&A
- DHDS: Beyond the Basics (Tuesday 6/26)

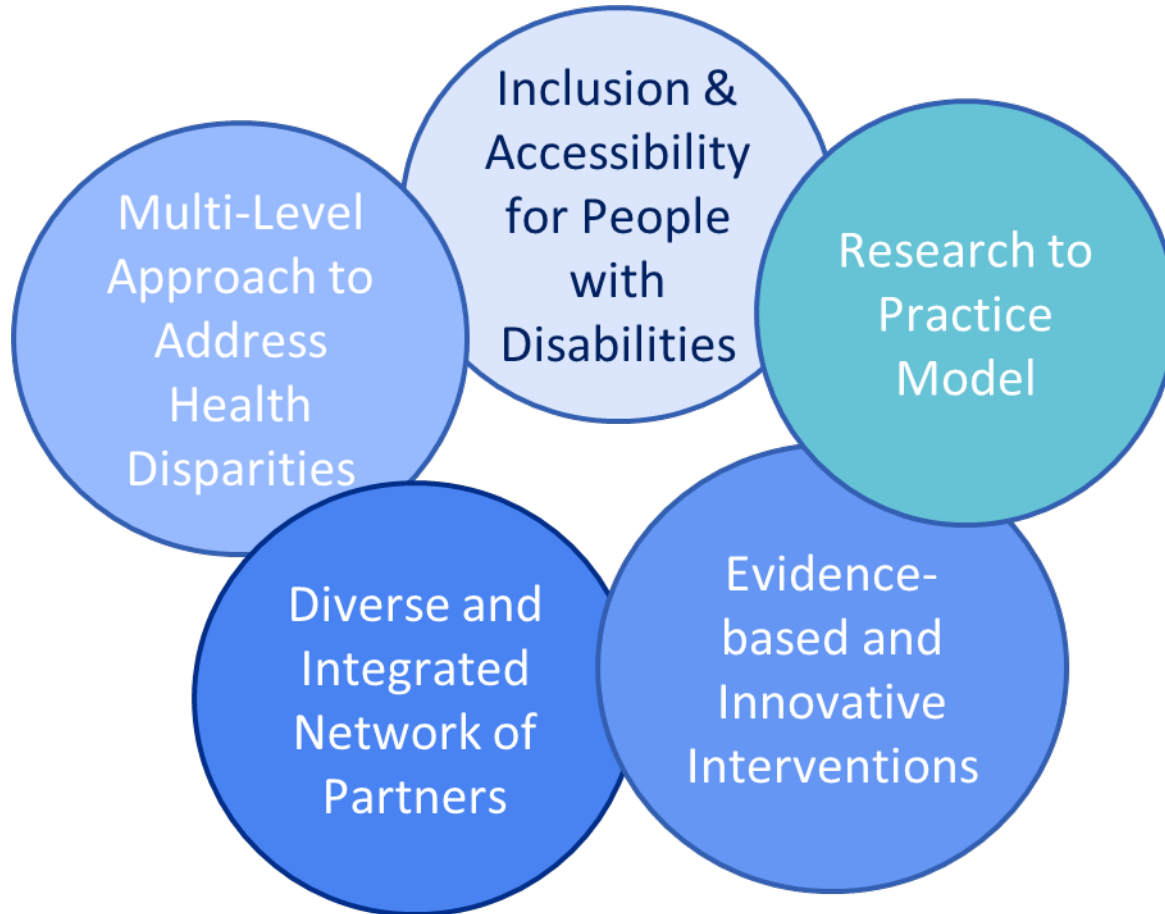
# NCBDDD Organizational Chart



## **Disability and Health Branch (DHB) Mission**

**Promote the health and full participation in society by people with disabilities across the lifespan.**

# DHB Core Principles



# Disability 101

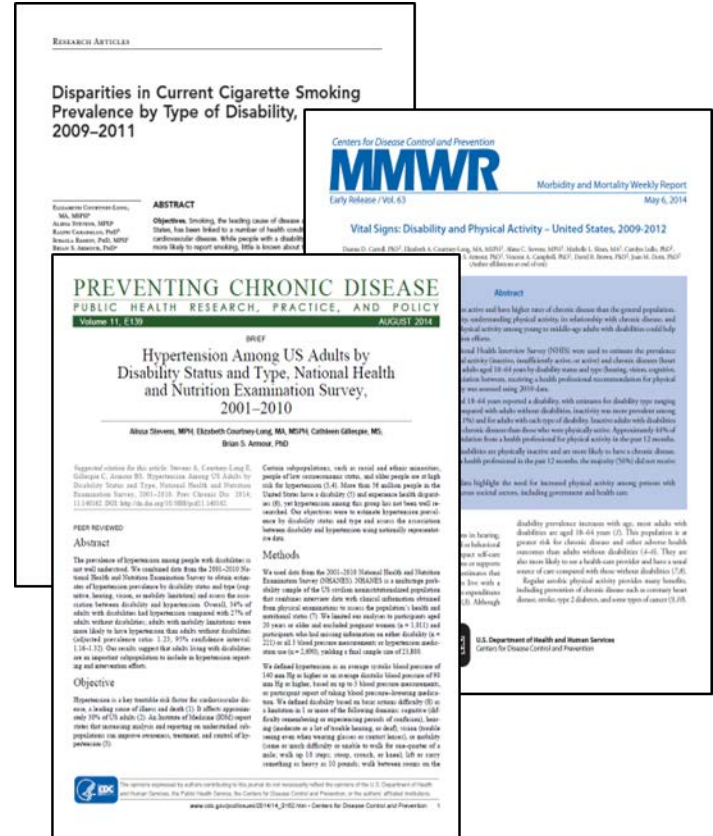
- Disability *is*:
  - Impairment, activity limitation, participation restriction
  - Visible or hidden
  - Diverse group with wide range of needs
- Disability *is not*:
  - Ill health



# Why is This Important?

- Disability impacts all of us
- Approximately 57 million people in the U.S. have a disability
- Health disparities exist

*Disability is often not considered as a demographic group*



**How can we monitor health among people with disabilities to determine where to target efforts to improve health?**

**DHDS can help!**



# What is DHDS?

- Online, interactive data system
- State, HHS region, national level data
- Dedicated to disability and health



# What Data are in DHDS?

- 2016 data analyzed from the Behavioral Risk Factor Surveillance System (BRFSS)
  - Disability status (any disability, no disability)
  - Disability types (cognitive, **hearing**, mobility, vision, self-care, independent living)
  - Approximately 30 demographic and health measures

## Health Topics



HEALTH RISKS & BEHAVIORS



PREVENTION & SCREENINGS



BARRIERS & COSTS OF HEALTH CARE



GENERAL HEALTH CONDITIONS




CHRONIC CONDITIONS



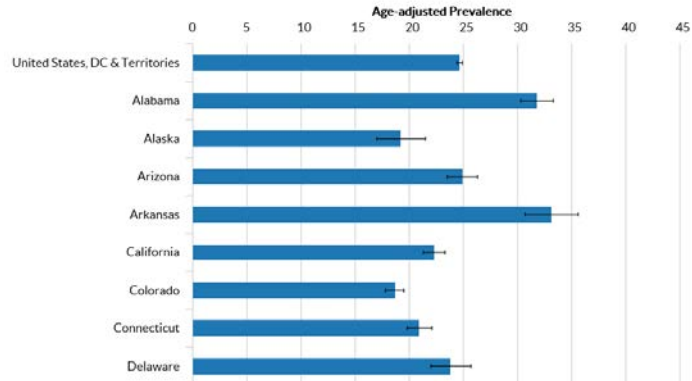
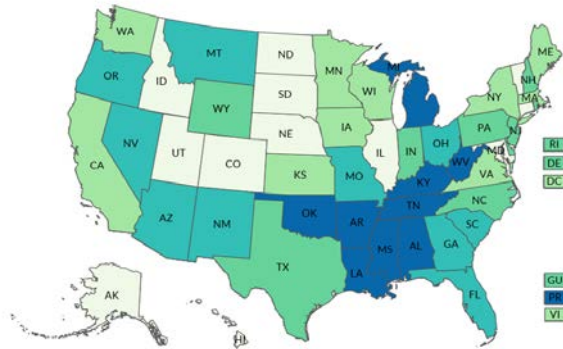
MENTAL & EMOTIONAL HEALTH

# Measure of Disability Status and Types

- **Hearing:** Are you deaf or do you have serious difficulty hearing?
  - **Vision:** Are you blind or do you have serious difficulty seeing, even when wearing glasses?
  - **Cognitive:** Because of a physical, mental, or emotional condition, do you have serious difficulty concentrating, remembering, or making decisions?
  - **Mobility:** Do you have serious difficulty walking or climbing stairs?
  - **Self-care:** Do you have difficulty dressing or bathing?
  - **Independent living:** Because of a physical, mental, or emotional condition, do you have difficulty doing errands alone such as visiting a doctor's office or shopping?
- 

# How Can I View DHDS Data?

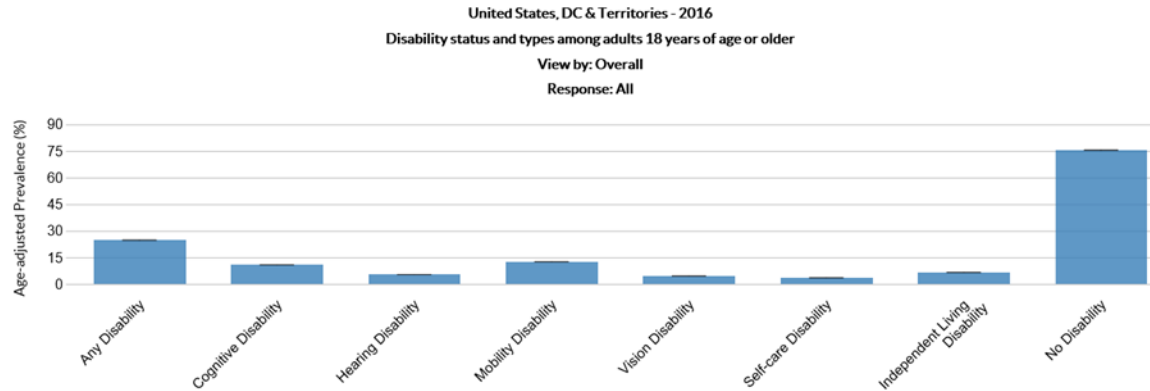
## 1. Explore by Indicator



Any Disability	
<b>United States, DC &amp; Territories</b>	
<b>Age-adjusted Prevalence (%)</b>	<b>24.6</b>
95% CI	24.4 - 24.9
Weighted No.	62,588,135
<b>Alabama</b>	
<b>Age-adjusted Prevalence (%)</b>	<b>31.8</b>
95% CI	30.3 - 33.3
Weighted No.	1,218,125
<b>Alaska</b>	
<b>Age-adjusted Prevalence (%)</b>	<b>19.2</b>
95% CI	17.0 - 21.5
Weighted No.	100,857

# How Can I View DHDS Data?

1. Explore by Indicator
2. Explore by Location



United States, DC & Territories - 2016  
Disability status and types among adults 18 years of age or older  
View by: Overall  
Response: All

	Overall
<b>Any Disability</b>	
Age-adjusted Prevalence (%)	24.6
95% CI	24.4 - 24.9
Weighted No.	62,588,135
<b>Cognitive Disability</b>	
Age-adjusted Prevalence (%)	10.8
95% CI	10.6 - 10.9
Weighted No.	26,215,883
<b>Hearing Disability</b>	
Age-adjusted Prevalence (%)	5.3
95% CI	5.2 - 5.4
Weighted No.	14,278,355
<b>Mobility Disability</b>	
Age-adjusted Prevalence (%)	12.6
95% CI	12.4 - 12.7
Weighted No.	33,461,577
<b>Vision Disability</b>	
Age-adjusted Prevalence (%)	4.5
95% CI	4.4 - 4.6
Weighted No.	11,563,837

# How Can I View DHDS Data?

1. Explore by Indicator
2. Explore by Location
3. DHDS Data Portal

## Disability and Health Data System (DHDS) Disability & Health

Disability and Health Data System (DHDS) is an online source of state-level data on adults with disabilities. Users can access information on six functional disability types: cognitive (serious difficulty concentrating...  
[More](#)

Tags [disability](#), [dhds](#)

[API Docs](#)



Disability Status and Types by Demographics Groups, 2016

Prevalence of disability status and types by age, sex, race/ethnicity, and veteran status, 2016

# Demo:

<https://dhds.cdc.gov>

# Why Use DHDS?

- Identify **differences in health** for adults with disabilities compared with adults without disabilities
- Identify **opportunities to include the needs of adults with disabilities** in programs and policies
- Generate **research questions** to investigate factors that contribute to differences in health experienced by adults with disabilities





# DHDS Data to Action



- Developing reports and grant proposals
- Individual research
- Gaining community support
- Planning program priorities
- Teaching others to access disability data
- Educating decision-makers

# 3 Things to Do Next with DHDS

1. Explore DHDS to get familiar with its data and features!
2. Complete the online survey to provide us feedback on your experience: <https://www.surveymonkey.com/r/Q5RRXK3>



3. Send us additional questions at [disabilityandhealthbranch@cdc.gov](mailto:disabilityandhealthbranch@cdc.gov).

# DHDS: Beyond the Basics

- Tuesday, June 26
- 3:00 – 4:00 PM EST
- Register here:  
<https://register.gotowebinar.com/register/6194752253403485186>

# Thank you!

disabilityandhealthbranch@cdc.gov

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.

