

Asking Questions About Disability: A Dataset Guide



Introduction

- * This guide was made to encourage and assist DataJam teams interested in exploring the topic of disability.
- * In this guide we will provide sample questions and cover 3 potential datasets students can use to research topics related to Disability:
 - **Disability and Health Data System (DHDS)**
 - **National Survey for Children's Health**
 - **NHIS National Health Interview Survey**

Defining Disability

A **Disability** is any condition of the body or mind (impairment) that makes it more difficult for the person with the condition to do certain activities (activity limitation) and interact with the world around them (participation restrictions). (CDC)

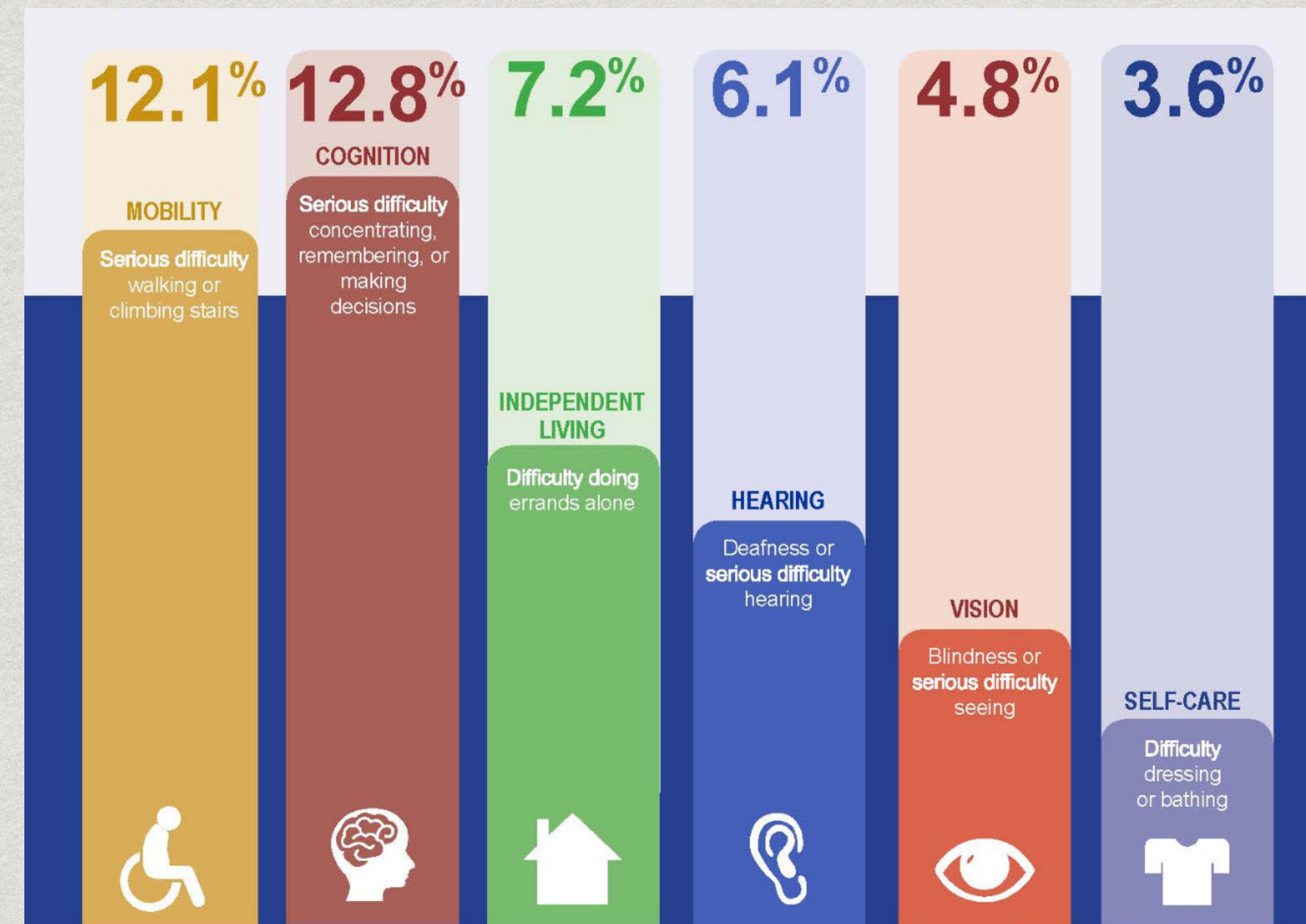
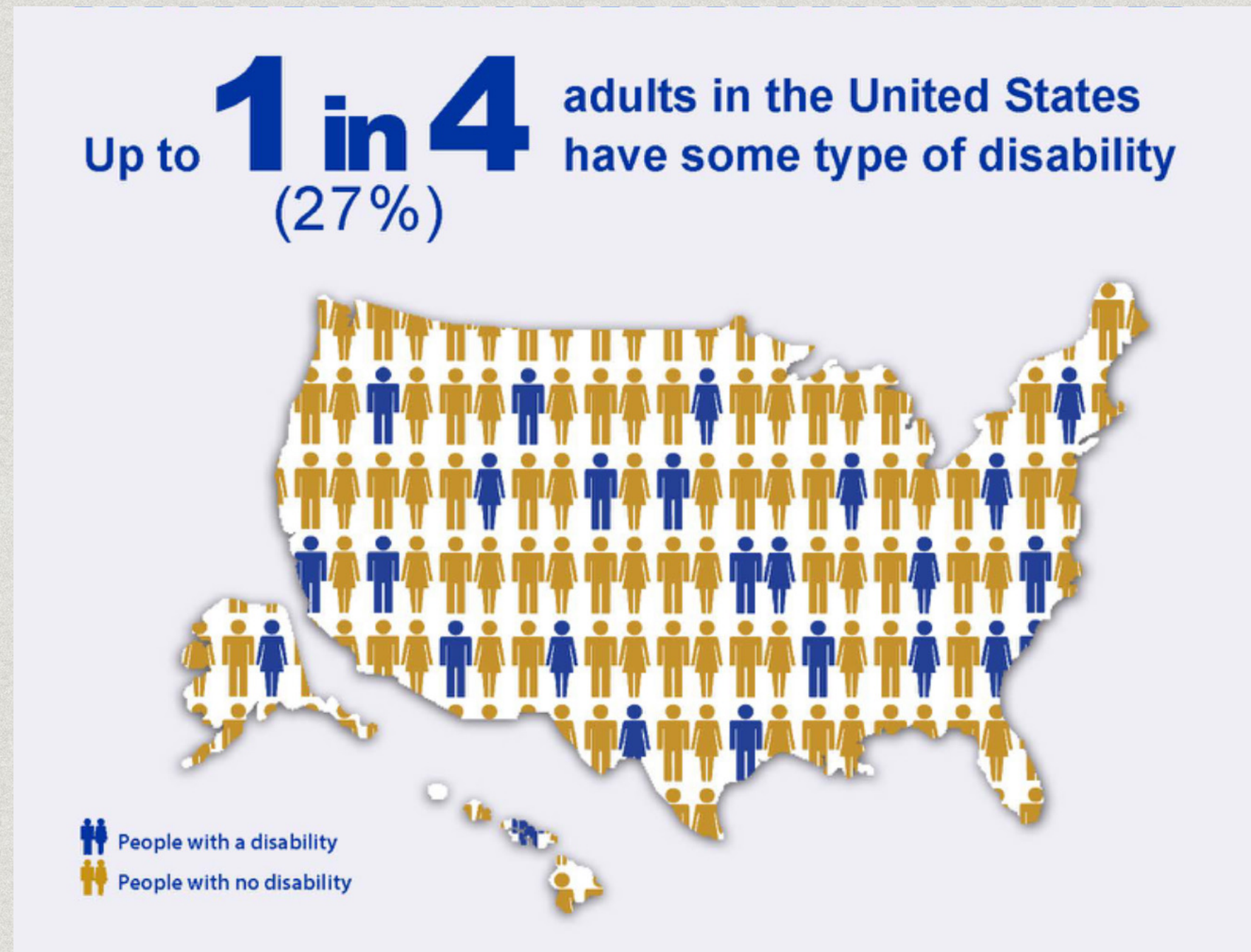
Although “people with disabilities” sometimes refers to a single population, this is actually a **diverse** group of people with a **wide** range of needs. Two people with the same type of disability can be affected in very different ways. Some disabilities may be **hidden or not easy to see**.

According to the World Health Organization, disability has three dimensions:

1. **Impairment** in a person’s body structure or function, or mental functioning; examples of impairments include loss of a limb, loss of vision or memory loss.
2. **Activity limitation**, such as difficulty seeing, hearing, walking, or problem solving.
3. **Participation restrictions** in normal daily activities, such as working, engaging in social and recreational activities, and obtaining health care and preventive services.

Why Study Disability?

Studying the topic of Disability is crucial for understanding and addressing the diverse needs, experiences, and rights of individuals with disabilities, promoting inclusivity, and advancing social equity.



Crafting Questions About Disability

1. Know Your Focus:

- Decide what aspect of Disability you want to explore (like challenges in school, accessibility, employment, etc.).

2. Think Purpose:

- Figure out why you're asking the question. What do you want to learn or understand better?

3. Check What's Out There:

- Look at what others have studied. Is there something missing or not fully explored?

4. Get Input:

- Talk to people who know about disability—maybe students, teachers, or family members. What do they think is important to ask?

5. Make it Clear:

- Write your question so anyone can understand it. It should be specific and focused

6. Test It Out:

- Ask a friend or teacher if they understand your question. Does it make sense to them?

7. Make it Better:

- If needed, tweak your question based on feedback. Keep it simple and direct.

8. Think Ethically:

- Consider if your question is fair and respectful. Would it make someone uncomfortable?

9. Share and Discuss:

- Talk about your question with classmates or a teacher. What do they think?

10. Explain Why:

- Be ready to explain why your question matters. How does it help us understand disability better?

Disability & Health Data System (DHDS)

Click Here for  Link

The **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, remembering or making decisions),
- **Hearing** (serious difficulty hearing or deafness),
- **Mobility** (serious difficulty walking or climbing stairs),
- **Vision** (serious difficulty seeing or blindness),
- **Self-Care** (difficulty dressing or bathing), and
- **Independent living** (difficulty doing errands alone)

You can use DHDS to answer questions, such as:

- **What is the percentage of adults with disabilities in each state?**
- **What is the percentage of adults with select functional disability types in each state?**
- **How does the percentage of adults with disabilities vary by age, sex, and race/ethnicity in each state?**

Using DHDS - Explore Data by Location

The screenshot shows the DHDS website interface. At the top, there is a search bar and navigation links for 'Español' and 'Other Languages'. The main header reads 'Disability and Health Data System (DHDS)'. Below this, there is a 'Print' link and a brief description: 'Providing instant access to state-level health and demographic data about adults with disabilities.' There are two links: 'Overview' and 'Getting started guide'. The main content area is divided into two columns. The left column is titled 'Explore Data by Location' and contains a map of the United States. Below the map is a 'Territories' section with icons for GU, PR, and VI. A 'Select an Item' dropdown menu is highlighted with a red circle, showing 'Pennsylvania' selected. Below the dropdown are links for 'United States, DC & Territories' and 'HHS Regions'. The right column is titled 'Explore Data by Indicator' and contains a 'Select Category' dropdown menu with a 'GO' button. Below this is a 'Comparison Report' section with a link to 'Compare all indicators by location or demographic group in the Comparison Report.' and a 'Customized DHDS Data' section with a link to 'DHDS Data Portal'. At the bottom, there is a 'What's New' section with a date of 'May 2023' and a headline: 'DHDS now includes BRFSS data from 2016 to 2021!'.

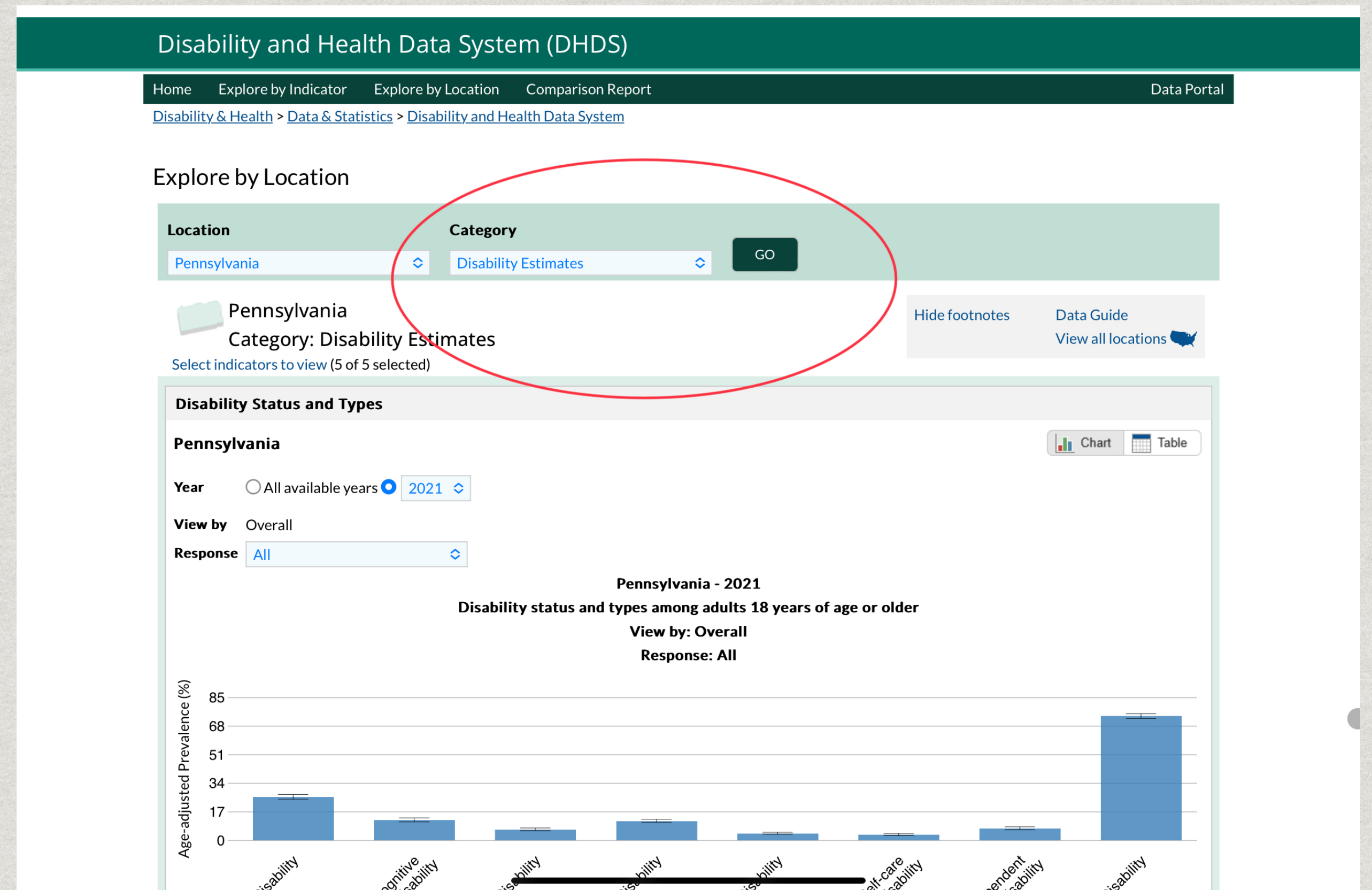
Step 1 –

From the Explore DHDS Data by Location section on the home page, select a location from the drop-down menu and click “Go” or click on a location on the map.

Using DHDS - Explore Data by Location

Step 2 – View your selected data.

By default, data panels will display Disability Estimates data for the location you selected.

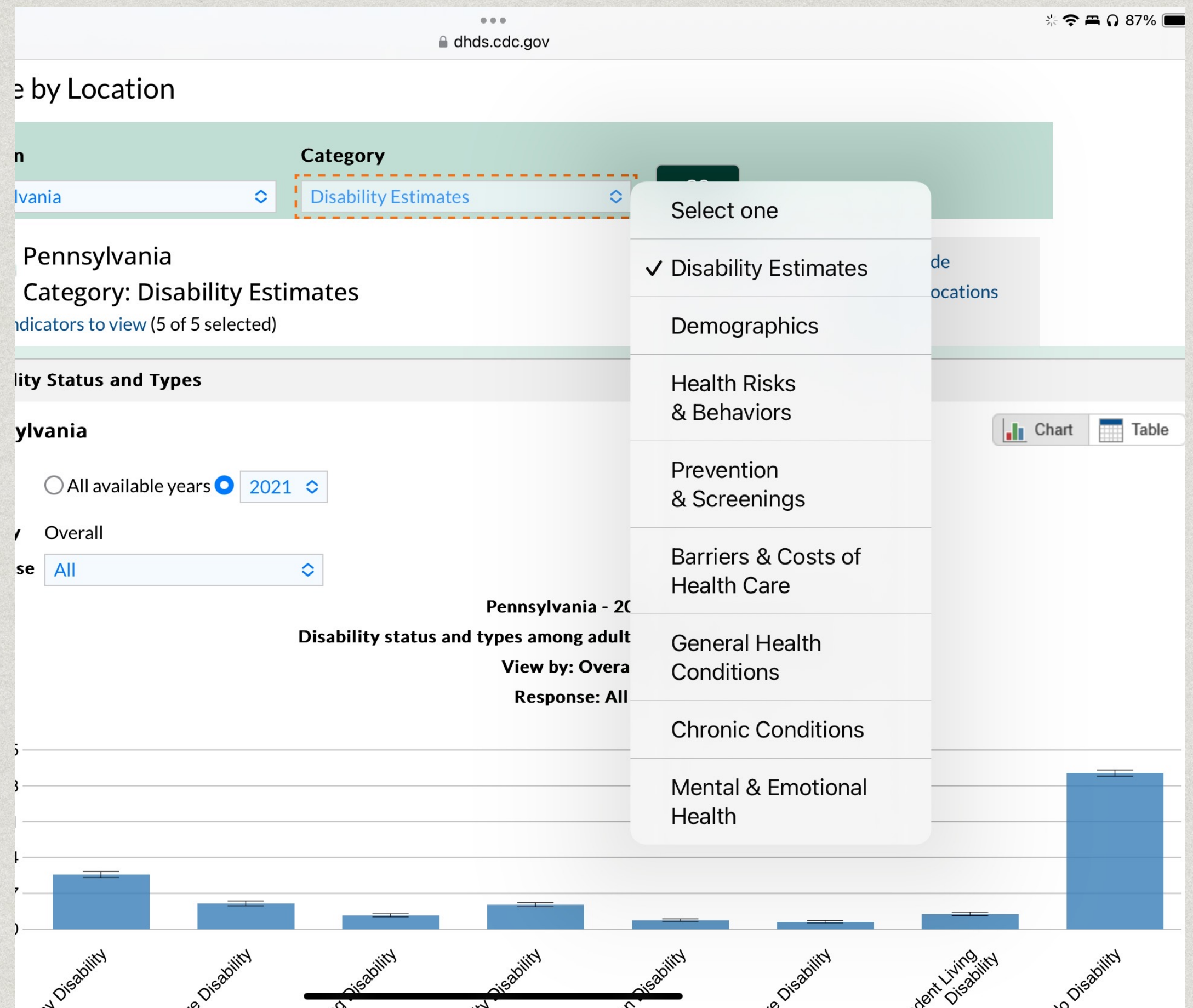


Using DHDS - Explore Data by Location

Step 3 – Change the data panels displayed.

Select a different location or category from the drop-down menus and click “Go”.

Click the “Select indicators to view” link to choose the indicators displayed in the data panels.

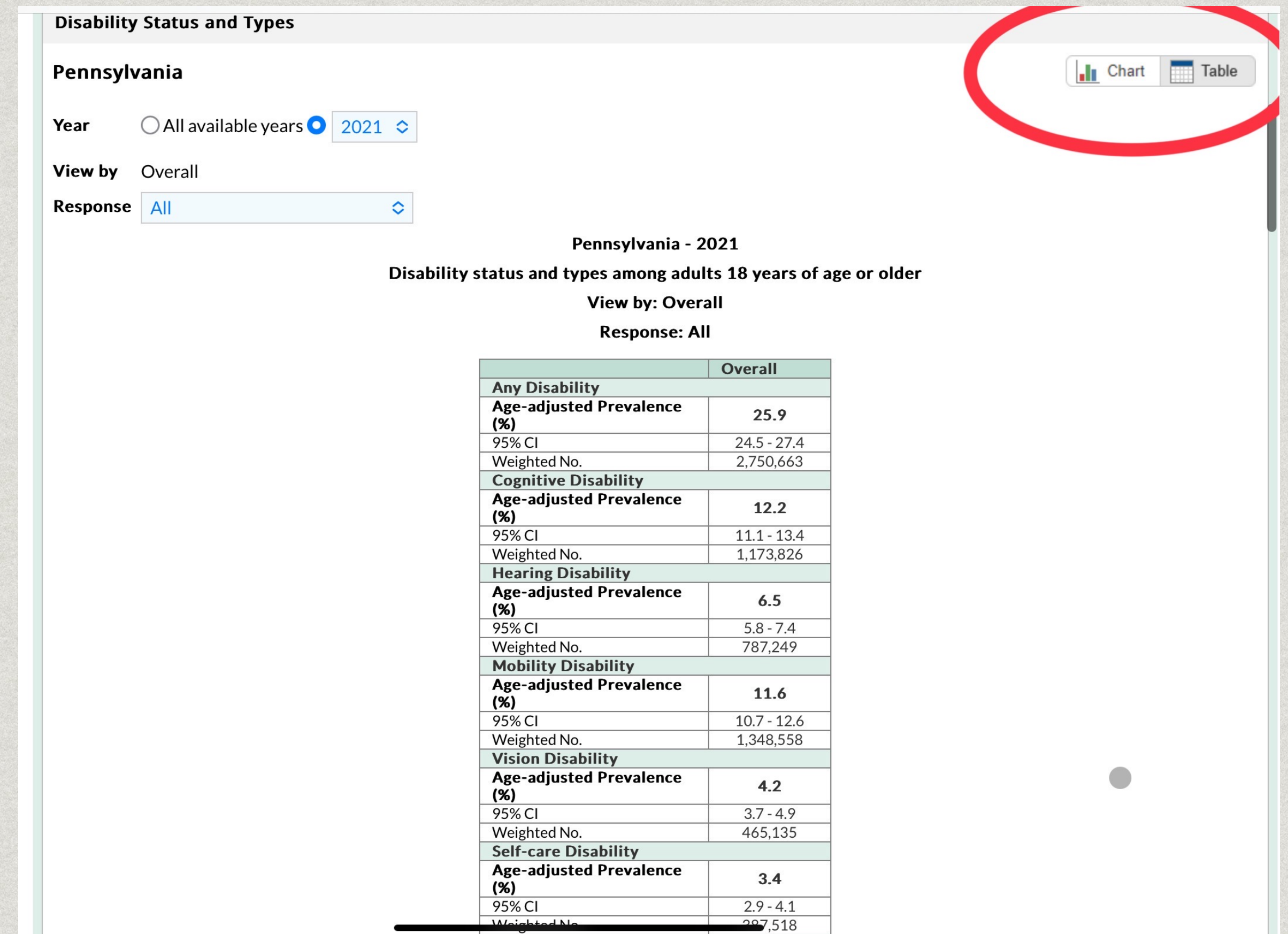


Using DHDS - Explore Data by Location

Step 4 – Customize your data view.

Select different options from the View by and Response drop-down menus to customize the data displayed in each panel.

Click the Table and Chart buttons in the upper right corner of each panel to toggle between chart and table views.



DHDS – Exploring Further

Users can also explore data by indicator, create comparison reports, as well as download DHDS data to create your own filtered dataset or customize data visualizations.

[See How Here](#)



Disability and Health Data System (DHDS)

Disability and Health

Print

Providing instant access to state-level health and demographic data about adults with disabilities.

- [Overview](#)
- [Getting started guide](#)

Explore Data by Location

DHDS data for **all** indicators for **one** location.

Explore Data by Indicator

DHDS data for **one** indicator for **all** available locations.

Select Category

Comparison Report

Compare all indicators by location or demographic group in the Comparison Report.

Customized DHDS Data

Create your own DHDS data set, customize visualizations, download data, and more.

Select an Item

Alabama

United States, DC & Territories | HHS Regions

CDC Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Home Data Catalog Developers Video Guides

About Data Related Content

DHDS - Prevalence of Disability Status and Types by Demographic Groups, 2021

View based on [Disability and Health Data System](#)

Disability and Health Data System provides instant access to state-level health and demographic data about adults with disabilities. Users can explore data by indicator, create comparison reports, as well as download DHDS data to create your own filtered dataset or customize data visualizations.

[Read more](#)

About this Dataset

Updated **May 15, 2023**

Data Last Updated	Metadata Last Updated
May 15, 2023	May 15, 2023

Common Core

Contact Name	CDC Info
Contact Email	cdcinfo@cdc.gov
Public Access Level	Data asset is publicly available to all without restrictions (public)
Bureau Code	Centers for Disease Control and Prevention (009:20)

Export dataset

DHDS - Prevalence of Disability Status and Types by Demographic Groups, 2021

Export format

CSV

All data (7168 rows)




National Survey For Children's Health

Click Here for Link



- * The National Survey for Children's Health (NSCH) is a vital resource for gathering comprehensive data on children's health and well-being across the United States.
- * It provides valuable insights into various aspects of children's health, including disabilities.
- * NSCH captures information on different types of disabilities that children may experience, including but not limited to:
 - * Cognitive impairments • Vision impairments
 - * Hearing impairments • Learning disabilities
 - * Mobility limitations • Developmental delays
- * You can use the NSCH to answer questions like:
 - * How many children aged 3-5 years in each state have difficulty thinking, remembering, or making decisions?
 - * Do different racial or ethnic groups of children across the country have different rates of trouble hearing?
 - * In urban and rural areas, what percentage of children who have trouble moving around get enough help?
 - * Are there differences in how easy it is for children with trouble seeing to get school resources based on how much money their families have?

Ways to Compare Data Across States using the NSCH

- * There are three primary ways to compare data across states using the DRC website. Your options include:
 1. View findings on **single indicators** (and by subgroups) for all states using [Across-States Interactive Data Query](#) 
 2. **Compare states** on all NSCH National Outcome and Performance Measures using the [Across-State Comparison Tables](#) 
 3. View US maps shaded to indicate how **each state's finding differs from the nation** on National Outcome and Performance Measures using [Across-State Comparison US Maps](#)
- * Click the links in each line to check out each section 

NSCH – Using the Data Query

To begin your interactive data search:

- 1) Select a **survey year** and **geographic level**.
- 2) Select your **desired topic/starting point** (at-a-glance content maps are available to view/download at this step).
- 3) Select your **measure**.

These steps will direct you to a results page where you can compare across **states**, **regions** and by **numerous subgroups**.

For a detailed video guide click here <https://youtu.be/I8ebFyrvHLg?si=lg88TPozfFQo9wUR> or Search “How to Use the DRC Interactive Data Query” on YouTube.

The screenshot displays the NSCH Data Query interface. It is divided into two main sections, each with a dark purple header bar. The first section, '1. Select a Survey Year and Geographic Area', contains two dropdown menus. The first dropdown is labeled 'Select a Year' and is set to '2021-2022 (two years combined)'. The second dropdown is labeled 'Select a State/Region' and is set to 'Nationwide'. The second section, '2. Select a Starting Point/Topic', lists two main categories. The first category is 'Child and Family Health Measures (Content Map)', which includes a list of 10 sub-topics: Physical, Oral Health and Functional Status; Emotional and Mental Health; Health Insurance Coverage; Health Care Access and Quality; Community and School Activities; Family Health and Activities; Neighborhood Safety and Support; Child and Family Demographics; and Impact of Coronavirus Pandemic. The second category is 'Title V Maternal and Child Health Services Block Grant Measures (Content Map)', which includes 'National Performance and Outcome Measures, and Standardized Measures'. A thick black horizontal line is visible at the bottom of the interface.

NSCH - Using the Across-State Comparison Tables

Select to view National Outcome or Performance Measures

To see the full measure description, hover over the measure title

- NSCH Interactive Data Query (2016 – Present)
- Ways to Compare Data Across States on the DRC
- Comparison Tables: Compare NPM/NOMs Across States
- US Maps: Compare NPM/NOMs Across States
- Request NSCH Datasets
- Archived Data Query - NSCH and NS-CSHCN Prior to 2016
- Archived Data Resources and Snapshots - NSCH and NS-CSHCN Prior to 2016

Compare State Data through Comparison Tables

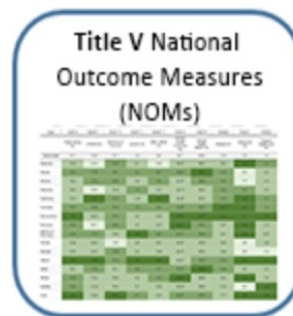
2020-2021 National Survey of Children's Health (two years combined)



Title V National Performance Measures (NPMs)

This table represents the prevalence rates of National Performance Measures (NPM) across states. NPMs cover topics related to health behaviors, health care access, quality, and much more.

[Learn More](#)

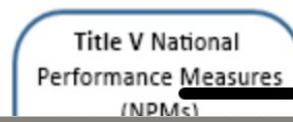


Title V National Outcome Measures (NOMs)

This table represents the prevalence rates of National Outcome Measures (NOM) across states. NOMs cover topics on health status, morbidity, mortality and other health outcomes.

[Learn More](#)

2019-2020 National Survey of Children's Health (two years combined)



Title V National Performance Measures (NPMs)

This table represents the prevalence rates of National Performance Measures

- Hover over each measure title to see the full measure description, learn whether high or lower prevalence means better performance and see the data source.
- Click on any prevalence estimate to compare national and state level data and to access subgroup level data (i.e. age, race, income, insurance type) for individual measures.

Data

- State had Significantly **Lower Performance**
- State had **Lower Performance**, but not statistically significant
- State had **Higher Performance**, but not statistically significant
- State had Significantly **Higher Performance**

State	NPM1	NPM6	NPM8.1	NPM8.2	NPM9	NPM9	NPM10	NPM11	NPM11	NPM12	NPM12	NPM13.2	NPM14.2	NPM15	
	Well-woman visit^ (%)	Developmental screening (%)	Physical activity (ages 6-11) (%)	Physical activity (ages 12-17) (%)	Bullied others (%)	Bullied (%)	Preventive Medical Visit (%)	Medical home (CSHCN) (%)	Medical home (non-CSHCN) (%)	Transition to adult health care (CSHCN) (%)	Transition to adult health care (Non-CSHCN) (%)	Preventive dental visit (%)	Someone living in the household smokes (%)	Adequate and continuous insurance (%)	
Nationwide	69.7	34.8	26.3	14.8	10.7	28.8	69.6	42.0	47.7	20.5	16.0	75.1	13.8	68.2	
Rhode Island	78.2	45.7*	24.7	Title V National Performance Measure #8.2:							19.9	16.9	77.8	12.8	74.0
South Dakota	77.4	32.9	32.3	Percent of adolescents, ages 12 through 17, who are physically active at least 60 minutes per day							32.1	19.0	76.9	17.1	62.2
Maine	76.9	49.0	33.6	Higher prevalence = better performance							33.8	29.6	76.6	16.4	66.8
Iowa	76.5	35.0	31.6	Data Source: 2020-2021 National Survey of Children's Health (NSCH)							32.3	25.8	79.5	15.3	71.8
Illinois	76.1	36.5	31.1							31.0	19.1	73.8	11.7	65.8	
Delaware	75.9	32.1	29.7							14.4	13.9	77.3	12.5	68.8	
New York	75.9	28.7	24.1	15.5	8.0	26.9	72.8	39.6	48.5	11.8	15.3	72.3	9.5	71.5	
North Carolina	75.9	39.5*	25.7	13.0	13.2	29.5	72.4	36.3	51.8	20.4	19.0	77.4	13.7	68.8	
Arkansas	75.5	28.4	28.8	19.5	11.0	30.0	65.3	46.8	45.7	20.5	13.7	73.8	19.5	68.8	

NSCH - Using the Across-State Comparison Tables

- The color-coding in the table represents a state's comparison with national estimates
- To sort a measure by state prevalence, click the arrows at the top of the column

on the DRC
Comparison Tables: Compare NPM/NOMs Across States
US Maps: Compare NPM/NOMs Across States
Request NSCH Datasets
Archived Data Query - NSCH and NS-CSHCN Prior to 2016
Archived Data Resources and Snapshots - NSCH and NS-CSHCN Prior to 2016

- To sort a measure by state prevalence, click the arrows at the top of the column.
- Hover over each measure title to see the full measure description, learn whether high or lower prevalence means better performance and see the data source.
- Click on any prevalence estimate to compare national and state level data and to access subgroup level data (i.e. age, race, income, insurance type) for individual measures.

Color Key of State Level Data When Compared to National Level Data

State had Significantly Lower Performance
State had Lower Performance , but not statistically significant
State had Higher Performance , but not statistically significant
State had Significantly Higher Performance

State	NPM1	NPM2	NPM8.1	NPM8.2	NPM9	NPM9	NPM10	NPM11	NPM11	NPM12	NPM12	NPM13.2	NPM14.2	NPM15
	Well-woman visit ^a (%)	Developmental screening (%)	Physical activity (ages 6-11) (%)	Physical activity (ages 12-17) (%)	Bullied others (%)	Bullied (%)	Preventive Medical Visit (%)	Medical home (CSHCN) (%)	Medical home (non-CSHCN) (%)	Transition to adult health care (CSHCN) (%)	Transition to adult health care (Non-CSHCN) (%)	Preventive dental visit (%)	Someone living in the household smokes (%)	Adequate and continuous insurance (%)
Nationwide	69.7	34.8	26.3	14.8	10.7	28.8	69.6	42.0	47.7	20.5	16.0	75.1	13.8	68.2
Nevada	66.8	21.6	18.0	10.0	8.1	25.4	58.5	37.9	34.1	10.4	8.3	71.6	14.2	63.9
District of Columbia	71.6	33.8	18.6	13.3	8.6	19.5	70.5	44.8	44.5	17.6	18.2	80.3	9.2	74.1
Texas	62.3	42.1	18.8	12.5	8.0	26.9	64.6	28.8	42.6	16.9	13.4	75.3	15.4	61.3
Florida	N/A**	20.1	20.8	15.2	9.9	31.8	75.1	32.6	41.9	16.3	13.9	69.5	13.1	66.0
Arizona	64.3	18.9	20.9	13.0	11.3	27.8	63.3	36.2	41.9	14.0	10.8	75.0	11.3	63.3
New Jersey	73.3	31.1	20.9	13.9	6.3	26.7	79.8	40.4	46.2	13.4	10.4	75.7	9.7	69.1
Hawaii	69.5	41.0	21.4	13.3	9.2	22.7	66.3	43.7	48.5	21.9	15.3	84.9	14.7	81.0
Louisiana	74.5	24.2	22.4	12.8	12.2	37.9	69.8	39.7	47.3	13.3	14.8	72.5	17.5	70.0
Utah	65.3	40.3	22.8	12.6	13.7	36.2	69.9	55.7	54.4	19.2	11.1	80.0	4.6	63.0
Maryland	71.2	39.9*	23.8	16.3	11.0	25.5	75.7	49.5	46.8	16.8	16.4	78.1	10.6	74.7
California	61.6	34.4	24.0	11.0	6.9	18.9	59.8	40.6	41.9	11.6	13.5	74.3	9.2	71.1
New York	75.9	28.7	24.1	15.5	8.0	26.9	72.8	39.6	48.5	11.8	15.3	72.3	9.5	71.5

NSCH - Using the Across-State Comparison Tables

- * To compare national and state level data and to access subgroup level data in the data query, click on any prevalence estimate in the table

Title V National Performance Measures (NPMs) Across State Comparison Table, 2020-2021 NSCH

- To sort a measure by state prevalence, click the arrows at the top of the column.
- Hover over each measure title to see the full measure description, learn whether high or lower prevalence means better performance

Color Key of State Level Data When Compared to National Level Data

- State had Significantly Lower Performance
- State had Lower Performance, but not statistically significant
- State had Higher Performance, but not statistically significant
- State had Significantly Higher Performance



NPM 11.1: Percent of children with special health care needs, ages 0 through 17, who have a medical home
2020-2021 National Survey of Children's Health (NSCH) (two years combined)

	Colorado	Nationwide
%	44.0	42.0
C.I.	(38.6 - 49.5)	(40.5 - 43.4)
n	340	9,852
Pop. Est.	110,170	5,940,544

C.I. = 95% Confidence Interval. Percentages and population estimates (Pop.Est.) are weighted to represent child population in US.

	NPM11.1	NPM12	NPM13.2	NPM14.2	NPM15
	Transition to adult health care (Non-CSHCN) (%)	Preventive dental visit (%)	Someone living in the household smokes (%)	Adequate and continuous insurance (%)	
California	61.6	34.4	24.0	11.0	6.9
Colorado	67.7	39.6	30.5	14.7	13.9
Connecticut	75.0	36.8*	27.6	16.8	8.0
Delaware	75.9	32.1	29.7	16.0	9.8
District of Columbia	71.6	33.8	18.6	13.3	8.6
Florida	N/A**	20.1	20.8	15.2	9.9
Georgia	72.5	33.1	27.0	16.8	8.9
Hawaii	69.5	41.0	21.4	13.3	9.2
Idaho	71.7	23.6	32.9	13.5	13.3

NSCH – Downloading Data


- * NSCH Datasets are available for download at this Link 
- * Users will need to request access by filling out the form provided.
- * Public Datasets are also available at this link , but will require the usage of SAS or Stata Software

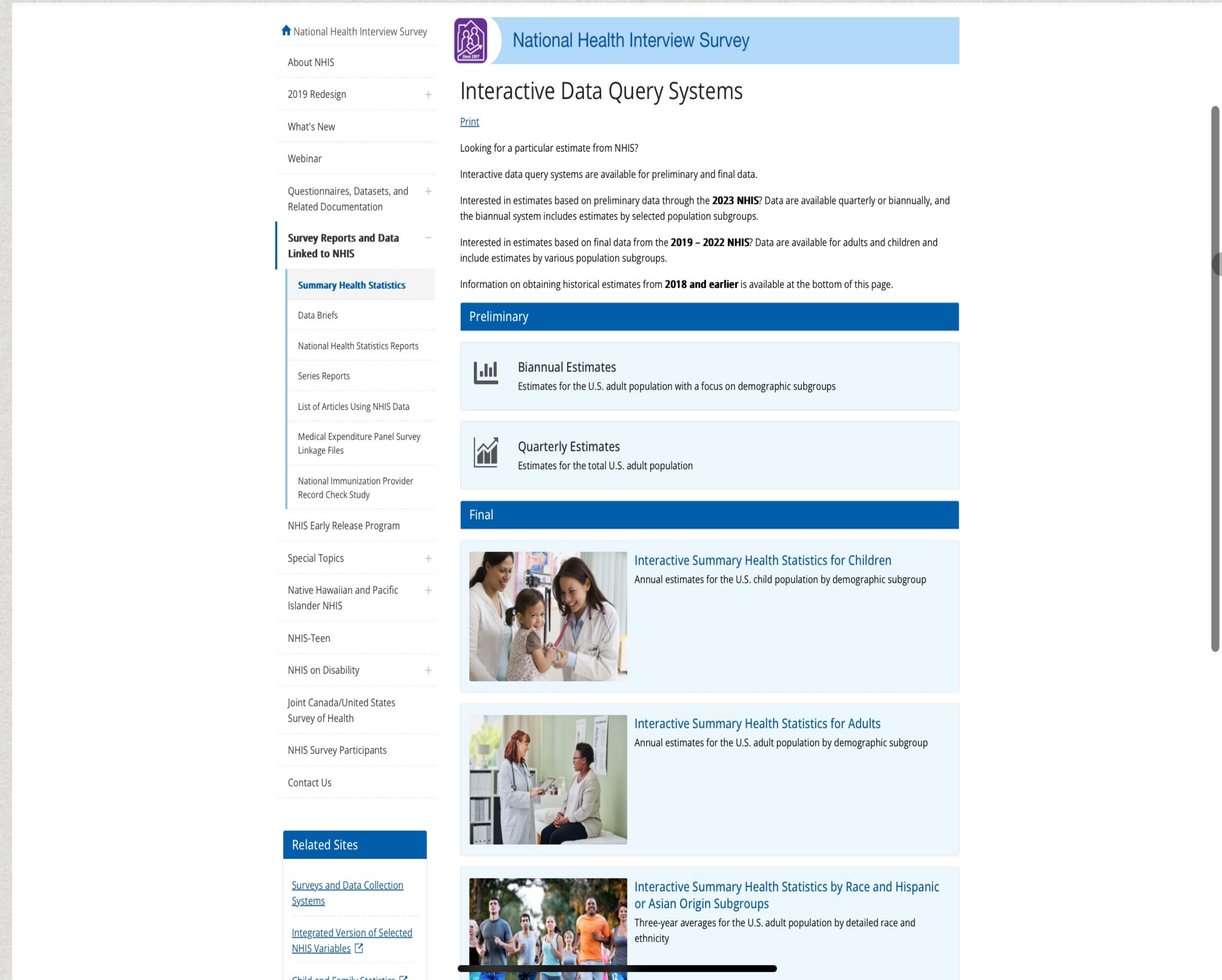
National Health Interview Survey

Click Here for Link 

- * The National Health Interview Survey is a valuable resource providing detailed data about the **American** population, including information on disabilities.
- * ACS captures data on various functional disability types, including:
 - * **Cognitive** impairments (difficulty concentrating, remembering, or making decisions)
 - * **Hearing** impairments (difficulty hearing or deafness)
 - * **Mobility** limitations (difficulty walking or climbing stairs)
 - * **Vision** impairments (difficulty seeing or blindness)
 - * Challenges in **self-care** (difficulty dressing or bathing)
 - * **Independent living** difficulties (difficulty doing errands alone)
- * You can use the NHIS to answer questions like:
 - * What percentage of adults in each state have disabilities?
 - * How many adults in each state face specific functional disability types?
 - * How does the percentage of adults with disabilities vary by age, gender, and racial/ethnic backgrounds in each state?

NHIS – Interactive Data Query System

- * If you're looking for a specific estimate from the NHIS Data, this section of the NHIS website can be useful for you.
- * For example, let's look for the estimate of adults with any difficulty hearing from 2019-2022. We'll start at this [page](#) (Click the link here )



The screenshot shows the 'National Health Interview Survey' website. The main heading is 'Interactive Data Query Systems'. Below this, there is a 'Print' link and a paragraph explaining that interactive data query systems are available for preliminary and final data. It further details that preliminary data is available quarterly or biannually, while final data is available for adults and children from 2019-2022. A sidebar on the left contains navigation links such as 'About NHIS', '2019 Redesign', 'What's New', 'Webinar', 'Questionnaires, Datasets, and Related Documentation', 'Survey Reports and Data Linked to NHIS', 'Summary Health Statistics', 'Data Briefs', 'National Health Statistics Reports', 'Series Reports', 'List of Articles Using NHIS Data', 'Medical Expenditure Panel Survey Linkage Files', 'National Immunization Provider Record Check Study', 'NHIS Early Release Program', 'Special Topics', 'Native Hawaiian and Pacific Islander NHIS', 'NHIS-Teen', 'NHIS on Disability', 'Joint Canada/United States Survey of Health', 'NHIS Survey Participants', and 'Contact Us'. A 'Related Sites' section at the bottom left lists 'Surveys and Data Collection Systems', 'Integrated Version of Selected NHIS Variables', and 'Child and Family Statistics'. The main content area is divided into 'Preliminary' and 'Final' sections. Under 'Preliminary', there are two options: 'Biannual Estimates' (for U.S. adult population with demographic subgroups) and 'Quarterly Estimates' (for total U.S. adult population). Under 'Final', there are three options: 'Interactive Summary Health Statistics for Children' (annual estimates for U.S. child population), 'Interactive Summary Health Statistics for Adults' (annual estimates for U.S. adult population), and 'Interactive Summary Health Statistics by Race and Hispanic or Asian Origin Subgroups' (three-year averages for U.S. adult population by race and ethnicity).

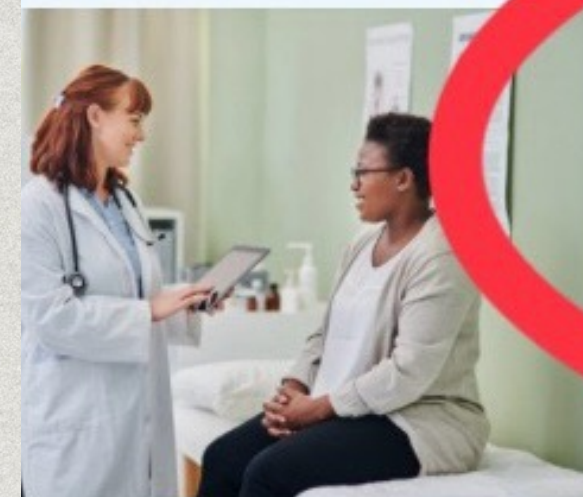
NHIS – Interactive Data Query System

Click on the estimates you want to see, in this case we'll take a look at the final data from the 2019 – 2022 NHIS for adults



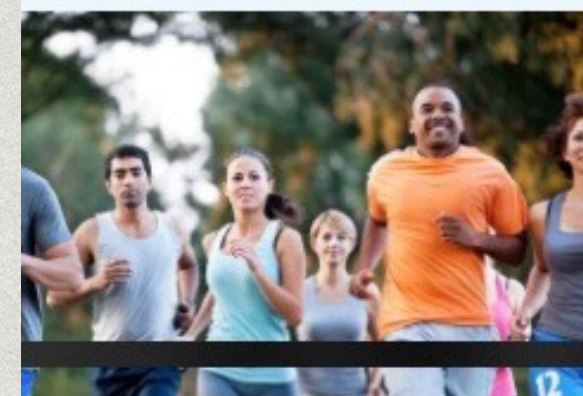
Interactive Summary Health Statistics for Children

Annual estimates for the U.S. child population by demographic subgroup



Interactive Summary Health Statistics for Adults

Annual estimates for the U.S. adult population by demographic subgroup



Interactive Summary Health Statistics by Race and Hispanic or Asian Origin Subgroups


Three-year averages for the U.S. adult population by detailed race and ethnicity

NHIS – Interactive Data Query System

Select the topic you want to choose on the left hand menu

Interactive Summary Health Statistics for Adults

Interactive Summary Health Statistics for Adults provide annual estimates of selected health topics for adults aged 18 years and over based on final data from the National Health Interview Survey. Estimates can be grouped by characteristics such as age, race, or sex by clicking on the "Group by" dropdown menu.

After you select the available health topics, the table will automatically be updated. The data can be viewed as a plot under the "Charts" tab, with line graphs for trends over time and grouped bar graphs for the cross-sectional view. The "Technical Notes" tab displays links to previous data releases as well as technical documentation on the measures and methodology used to produce the estimates. The generated table and graph can be downloaded with the download button  under each tab. To view the Korn-Graubard confidence intervals, select the "95% confidence intervals" checkbox.



Table

Charts

Technical Notes

Select topic:

Angina/angina pectoris

Show 95% confidence intervals

Select data view:

Trends over time

Single Year

Year: to:

2019 2022

Group by:

Total

Percentage of angina for adults aged 18 and over, United States, 2019—2022


Year	Angina/angina pectoris
2019	1.7
2020	1.5
2021	1.5
2022	1.6

NHIS – Interactive Data Query System

Choose whether you want to see a single year or compare multiple years

Interactive Summary Health Statistics for Adults

Interactive Summary Health Statistics for Adults provide annual estimates of selected health topics for adults aged 18 years and over based on final data from the National Health Interview Survey. Estimates can be grouped by characteristics such as age, race, or sex by clicking on the "Group by" dropdown menu.

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 Table

 Charts

 Technical Notes

 Percentage of any difficulty hearing for adults aged 18 and over, United States, 2019—2022

Year	Any difficulty hearing
2019	14.6
2020	13.8
2021	14.4
2022	15.5

Select topic:

Any difficulty hearing ▼

Show 95% confidence intervals

Select data view:

Trends over time

Single Year

Year: to:

2019 ▼

2022 ▼


Group by:

Total ▼

NHIS – Interactive Data Query System

You can choose to group results by different characteristics, in this case we choose disability status.

You can also select your level, for example if you want to see just responses marked as “with disability”.

After you select the available health topics, the table will automatically be updated. The data can be viewed as a plot under the "Charts" tab, with line graphs for trends over time and grouped bar graphs for the cross-sectional view. The "Technical Notes" tab displays links to previous data releases as well as technical documentation on the measures and methodology used to produce the estimates. The generated table and graph can be downloaded with the download button  under each tab. To view the Korn-Graubard confidence intervals, select the "95% confidence intervals" checkbox.

Select topic:
Any difficulty hearing ▼

Show 95% confidence intervals

Select data view:
 Trends over time
 Single Year

Year: 2019 ▼ to: 2022 ▼

Group by:
Disability status ▼
Select Levels ▼

Table Charts Technical Notes

Percentage of any difficulty hearing for adults aged 18 and over, United States, 2019—2022

Year	With disability	Without disability
2019	42.9	11.8
2020	41.2	11.1
2021	41.2	11.8
2022	42.4	12.7

Notes

Any difficulty hearing

Respondents were asked if they had difficulty hearing (even with hearing aids, for those who use them). Respondents who reported "some" or "a lot" of difficulty or who could not hear at all were classified as having hearing difficulty. More information on the questions and variables used for this measure can be found in the [adult codebook](#).

NHIS – Interactive Data Query System

You can also see your data visualized by clicking on charts.



NHIS – Interactive Data Query System

To download your data in CSV format, click the download button in the original table section.

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be downloaded with the download button  under each tab. To view the Korn-Graubard confidence intervals, select the "95% confidence intervals" checkbox.

Table | **Charts** | **Technical Notes**

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Select topic:
Any difficulty hearing ▼
 Show 95% confidence intervals

Select data view:
 Trends over time
 Single Year


Year: 2019 ▼ **to:** 2022 ▼

Group by:
Disability status ▼
Select Levels ▼

NHIS – Downloading Data

* In addition to the Query System, you can also download datasets from previous years [here](#) 

* Currently, The NHIS provides Sample Adult and Sample Child Interview files from 2022 and before for download in different formats.



The screenshot displays the National Health Interview Survey (NHIS) website interface. The main content area is titled "2022 NHIS" and is divided into four primary sections: "Sample Adult Interview", "Sample Child Interview", "Imputed Income - Sample Adult", and "Imputed Income - Sample Child". Each section lists various data formats and their respective sizes. A left-hand navigation menu includes categories such as "Questionnaires, Datasets, and Related Documentation" and "Data, Questionnaires, and Related Documentation". The "2022 Data Release" link in the left menu is circled in red. Additionally, the "SAS input statements" links in the "Sample Adult Interview" and "Sample Child Interview" sections are also circled in red. The top of the page features the NHIS logo and a "Print" button.

Section	Format	Size
Sample Adult Interview	Summary	[PDF - 384 KB]
	Codebook	[PDF - 20 MB]
	Codebook for restricted-use variables	[PDF - 697 KB]
	ASCII data file	[ZIP - 3.6 MB]
	CSV data file	[ZIP - 3.5 MB]
	SAS input statements	[SAS - 170 KB]
Sample Child Interview	Summary	[PDF - 305 KB]
	Codebook	[PDF - 15 MB]
	Codebook for restricted-use variables	[PDF - 686 KB]
	ASCII data file	[ZIP - 649 KB]
	CSV data file	[ZIP - 959 KB]
	SAS input statements	[SAS - 117 KB]
Imputed Income - Sample Adult	Summary	[PDF - 118 KB]
	ASCII data file	[ZIP - 935 KB]
	CSV data file	[ZIP - 767 KB]
	SAS input statements	[SAS - 6.0 KB]
	Stata input statements	[DO - 3.1 KB]
Imputed Income - Sample Child	Summary	[PDF - 103 KB]
	ASCII data file	[ZIP - 248 KB]
	CSV data file	[ZIP - 241 KB]
	SAS input statements	[SAS - 6.1 KB]
	Stata input statements	[DO - 3.1 KB]

Additional Resources

- [Disability and Health Overview CDC](#)
- [Disability and Health Data System Data Guide](#)
- [US Census – Disability](#)