

---

# Mapping Broadband Health in America

## 2024 Release Navigation Guide



CONNECT2HEALTH<sup>FCC</sup> TASK FORCE, FEDERAL COMMUNICATIONS COMMISSION

---

# About the Platform

The *Mapping Broadband Health in America* platform puts you in the driver's seat to understand the intersection of broadband and health.

## About the Platform

*Mapping Broadband Health in America* is a novel, interactive mapping platform created by the Connect2Health<sup>fcc</sup> Task Force to provide compelling insights into opportunities and gaps in the connected health space. By using the mapping platform as a foundation for understanding the intersection of broadband and health, policymakers, practitioners, researchers, and other platform users can chart a concrete path to a more connected and healthier future for all Americans.

## Maternal Health, Chronic Disease and Opioids

From its initial launch and through various updates and expansions, the platform remains a critical resource that enables users to visualize, intersect and analyze broadband and maternal health, chronic disease and opioid mortality data at the national, state and county levels. Starting in June 2023, and in response to the [Data Mapping to Save Moms' Lives Act](#), the platform added key maternal health data, including maternal mortality, severe maternal morbidity, maternal care deserts, mental health providers, and maternal age. To drive even more meaningful insights, the platform has now been expanded to include additional broadband and maternal health variables, SDOH indicators, and demographic data, along with its more traditional focus on chronic disease outcomes and data responsive to the opioid crisis.

## Innovative Visualization Framework

*Mapping Broadband Health in America* reflects a groundbreaking visualization framework that allows users to ask three fundamental questions about how broadband and health data intersect and where broadband can be leveraged to help improve health and health outcomes. These questions are linked to three distinct ways of viewing and manipulating the data to create custom visualizations: the OVERVIEW, BROADBAND, and HEALTH views.

- Where do broadband and health needs coincide? You can explore this in OVERVIEW where we categorize geographic areas (states or counties) into one of four categories keyed to their level of broadband connectivity and population health outcomes: **Double Burden**, **Opportunity**, **Single Burden**, **Milestone**.
- What is the broadband picture across different levels of health need? Using filtering, the BROADBAND view visualizes the broadband picture based on selected health metrics. You can then compare the broadband picture across different levels of health need.
- What is the health picture in higher or lower connectivity areas? Similarly, the HEALTH view visualizes the picture of health based on your selected broadband metrics (e.g., broadband access, rural access, Internet adoption).

## Dig Deeper

Additional context to help you understand and actionable visualizations is available on the [Focus on Broadband and Maternal Health](#), [Focus on Broadband and Opioids](#), and [Focus on Broadband and Chronic Disease](#) pages.

**About the Platform**  
Mapping Broadband Health in America is a novel, interactive mapping platform created by the Connect2Health<sup>fcc</sup> Task Force to provide compelling insights into opportunities and gaps in the connected health space. By using the mapping platform as a foundation for understanding the intersection of broadband and health, policymakers, practitioners, researchers, and other platform users can chart a concrete path to a more connected and healthier future for all Americans.

**Maternal Health, Chronic Disease and Opioids**  
From its initial launch and through various updates and expansions, the platform remains a critical resource that enables users to visualize, intersect and analyze broadband and maternal health, chronic disease and opioid mortality data at the national, state and county levels. Starting in June 2023, and in response to the [Data Mapping to Save Moms' Lives Act](#), the platform added key maternal health data, including maternal mortality, severe maternal morbidity, maternal care deserts, mental health providers, and maternal age. To drive even more meaningful insights, the platform has now been expanded to include additional broadband and maternal health variables, SDOH indicators, and demographic data, along with its more traditional focus on chronic disease outcomes and data responsive to the opioid crisis.

**Innovative Visualization Framework**  
Mapping Broadband Health in America reflects a groundbreaking visualization framework that allows users to ask three fundamental questions about how broadband and health data intersect and where broadband can be leveraged to help improve health and health outcomes. These questions are linked to three distinct ways of viewing and manipulating the data to create custom visualizations: the OVERVIEW, BROADBAND, and HEALTH views.

Where do broadband and health needs coincide? You can explore this in OVERVIEW where we categorize geographic areas (states or counties) into one of four categories keyed to their level of broadband connectivity and population health outcomes: **Double Burden**, **Opportunity**, **Single Burden**, **Milestone**.

What is the broadband picture across different levels of health need? Using filtering, the BROADBAND view visualizes the broadband picture based on selected health metrics. You can then compare the broadband picture across different levels of health need.

What is the health picture in higher or lower connectivity areas? Similarly, the HEALTH view visualizes the picture of health based on your selected broadband metrics (e.g., broadband access, rural access, Internet adoption).

**Public Law 117-247**  
117th Congress

**SECTION 1. SHORT TITLE.**  
This Act may be cited as the "Data Mapping to Save Moms' Lives Act".

**SEC. 2. MAPPING BROADBAND CONNECTIVITY AND MATERNAL HEALTH OUTCOMES.**

(a) INCORPORATION OF MATERNAL MORTALITY AND SEVERE MATERNAL MORBIDITY DATA.—Not later than 180 days after the date of the enactment of this Act, the Federal Communications Commission shall incorporate publicly available data on maternal mortality and severe maternal morbidity, including for not less than 1 year postpartum, into the Mapping Broadband Health in America platform of the Commission.

(b) CONSULTATION WITH CDC.—The Federal Communications Commission shall consult with the Director of the Centers for Disease Control and Prevention regarding the maternal mortality and severe maternal morbidity data that should be incorporated under subsection (a).

Approved December 20, 2022.

**LEGISLATIVE HISTORY—S. 198 (H.R. 1218):**  
HOUSE REPORTS: No. 117-286 (Comm. on Energy and Commerce) accompanying H.R. 1218.  
SENATE REPORTS: No. 117-65 (Comm. on Commerce, Science, and Transportation).  
CONGRESSIONAL RECORD, Vol. 168 (2022):  
Mar. 2, considered and passed Senate.  
Dec. 6, prior proceedings reported, considered and passed House, amended, Dec. 15, Senate concurred in House amendment.

**Focus on Broadband and Opioids**

**Focus on Broadband and Opioids**  
The number of annual opioid-related deaths exceeded the total number of deaths from COVID-19 in 2022. The total number of deaths from COVID-19 in 2022 was 43,841. The total number of deaths from opioid-related causes in 2022 was 44,100. This report provides a detailed look at the intersection of broadband and health, focusing on the impact of broadband access on opioid-related outcomes. It includes a table of opioid mortality and prescription rates, a conceptual model diagram, and a table of social determinants of health.

**Focus on Broadband and Opioids**

Opioid mortality and Prescription Rates	Description
All ages	Deaths per 100,000 people due to all ages (prescription, illicit, or unexplained).
All ages	Deaths per 100,000 people due to all ages (prescription, illicit, or unexplained).
Prescription opioids	Deaths per 100,000 people due to prescription opioids (all ages).
Illicit opioids	Deaths per 100,000 people due to illicit opioids (all ages).
Unexplained	Deaths per 100,000 people due to unexplained deaths (all ages).
Opium overdose	Prescription-related deaths per 100,000 people due to opium overdose (all ages).
Opium overdose	Prescription-related deaths per 100,000 people due to opium overdose (all ages).

**Conceptual Model**

The Conceptual Model illustrates the relationship between broadband access, health outcomes, and social determinants of health. It shows how broadband access can influence health outcomes through various pathways, including digital health literacy, telehealth, and remote patient monitoring. The model also highlights the role of social determinants of health, such as income, education, and housing, in shaping health outcomes.

**SOCIAL DETERMINANTS OF HEALTH DOOM**

Individuals' Access to Quality Health Services, Education, Income, Housing, Food Security, Transportation, Social Support, Health Literacy, and Health Insurance Coverage.

**HEALTH OUTCOMES**

Chronic Disease, Mental Health, Substance Use, and Overall Health.

**MATERNAL HEALTH CARE**

Maternal Health, Prenatal Care, Postnatal Care, and Maternal Mortality.

# Navigation Guide Table of Contents

---

## Getting Started

- Welcome Screen
- Help Guide
- Set View
- Set Variables
- Adjust Variable Data Thresholds and Filters
- Select a Map Overlay
- Select Platform Filters

## Navigate the Platform

- Move Around the Map
- Set to State or County Level
- Review Detailed Geographic Information
- Expand Alaska and Hawaii
- Reset Selections

## Create Your Custom Map

- Use the Map Legend
- Nationwide Plot and Statistics

## Download and Share

- Data Sharing Toolbar

---

# Getting Started

[Return to Table of Contents](#) 

# Welcome Screen

The screenshot shows the landing page of the Connect2Health FCC Mapping Platform. A modal window is open in the center, titled "Welcome to the Mapping Platform: Mapping Broadband Health in America". The modal contains the following text:

Created by the Connect2Health<sup>FCC</sup> Task Force, this interactive mapping platform enables you to visualize, intersect, and analyze broadband and health data at the national, state and county levels. By generating customized maps that provide compelling insights into opportunities and gaps in the connected health space, policymakers, practitioners, researchers, and other platform users can chart a concrete path to a more connected and healthier future for all Americans.

**Learning how to use the platform?**  
Select "Help me use the Platform" to open a Help Guide on the platform. The Guide explains how to explore the intersection of broadband and health data using the platform and walks you through its features.

**Explore Curated Maps**  
Not sure where to begin? The curated maps help answer sample questions you might ask using the mapping platform. Go to a curated map by clicking one of the buttons below and explore what the data can tell you!

Three curated map options are listed:

- Internet Adoption and Maternal Diabetes**  
Topics: Internet adoption (subscriber-ship-any speed), maternal mortality risk factors, pre-pregnancy or gestational diabetes, rurality  
Explore the potential for supporting care for pre-pregnancy and gestational diabetes via remote monitoring, telemedicine, or tele-mental health in majority rural counties, using an innovative county categorization framework.
- Broadband and Access to Care**  
Topics: Internet adoption (self report-high speed), maternity care deserts, digital divide, rurality  
Identify priority areas for leveraging broadband to address the access to maternity care gap.
- Rural Fixed Broadband and Opioid Misuse**  
Topics: Fixed broadband, opioid use disorder, rurality, Veteran status  
Explore the fixed broadband picture in rural areas with higher rates of opioid use disorder and identify opportunities for investment and innovation.

Below each map option is a button: "Maternal Health", "Access to Care", and "Opioids".

Yellow arrows point from the buttons in the modal to callout boxes on the right side of the slide.

The landing page offers three ways to experience this interactive mapping platform:

(1) Go directly to the platform

(2) Learn more on how to use the platform by exploring the features and functions

(3) Explore curated maps for one of the listed topic areas

# Help Guide

The Help Guide explains how to explore the intersection of broadband and health data using the platform and walks you through its features. You can access the Help Guide through the Welcome Screen, “Help me use the Platform →” button or by clicking “NEED HELP?” on the right side of the map while using the platform.

**Welcome to the Mapping Platform:**  
*Mapping Broadband Health in America*

Created by the Connect2Health<sup>FCC</sup> Task Force, this interactive mapping platform enables you to visualize, intersect, and analyze broadband and health data at the national, state and county levels. By generating customized maps that provide compelling insights into opportunities and gaps in the connected health space, policymakers, practitioners, researchers, and other platform users can chart a concrete path to a more connected and healthier future for all Americans.

**Learning how to use the platform?**  
Select "Help me use the Platform" to open a Help Guide on the platform. The Guide explains how to explore the intersection of broadband and health data using the platform and walks you through its features.

**Explore Curated Maps**  
Not sure where to begin? The curated maps help answer sample questions you might ask using the mapping platform. Go to a curated map by clicking one of the buttons below and explore what the data can tell you!

- Internet Adoption and Maternal Diabetes**  
Topics: Internet adoption (subscriber-ship-any speed), maternal mortality risk factors, pre-pregnancy or gestational diabetes, rurality  
Explore the potential for supporting care for pre-pregnancy and gestational diabetes via remote monitoring, telemedicine, or tele-mental health in majority rural counties, using an innovative county categorization framework.  
Maternal Health
- Broadband and Access to Care**  
Topics: Internet adoption (self report-high speed), maternity care deserts, digital divide, rurality  
Identify priority areas for leveraging broadband to address the access to maternity care gap.  
Access to Care
- Rural Fixed Broadband and Opioid Misuse**  
Topics: Fixed broadband, opioid use disorder, rurality, Veteran status  
Explore the fixed broadband picture in rural areas with higher rates of opioid use disorder and identify opportunities for investment and innovation.  
Opioids

**NEED HELP?**

- Table of contents
- Use this Help Guide for a basic understanding of how to use the platform to explore data and answer your questions.
- Select the "Next" button to walk through the platform's features or use the list below to jump around.
- Getting Started
  - Set view
  - Set variables
    - Select variables
    - Understand the Connect2Health State/County Categorization
    - Change variables' data thresholds
    - Filter a variable's data
  - Select a map overlay
  - Select platform filters
- Navigate the Platform
  - Navigate the map
    - Move around the map
    - Zoom Controls

Next >

# Set View

The platform allows you to intersect broadband and health data of interest in three unique ways, called “Views.” To begin, use the buttons above the map to select a view.

The screenshot shows a user interface for selecting a view. At the top, there is a 'Select View' section with three tabs: 'Overview' (highlighted in blue), 'Broadband', and 'Health'. Below the tabs, there is a 'Select Variables' section with three dropdown menus: 'Broadband' (with 'Select Variable' text), 'Health' (with 'Select Variable' text), and 'Overlay' (with 'Select Overlay' text). Three yellow arrows point from the descriptive text below to the corresponding tabs.

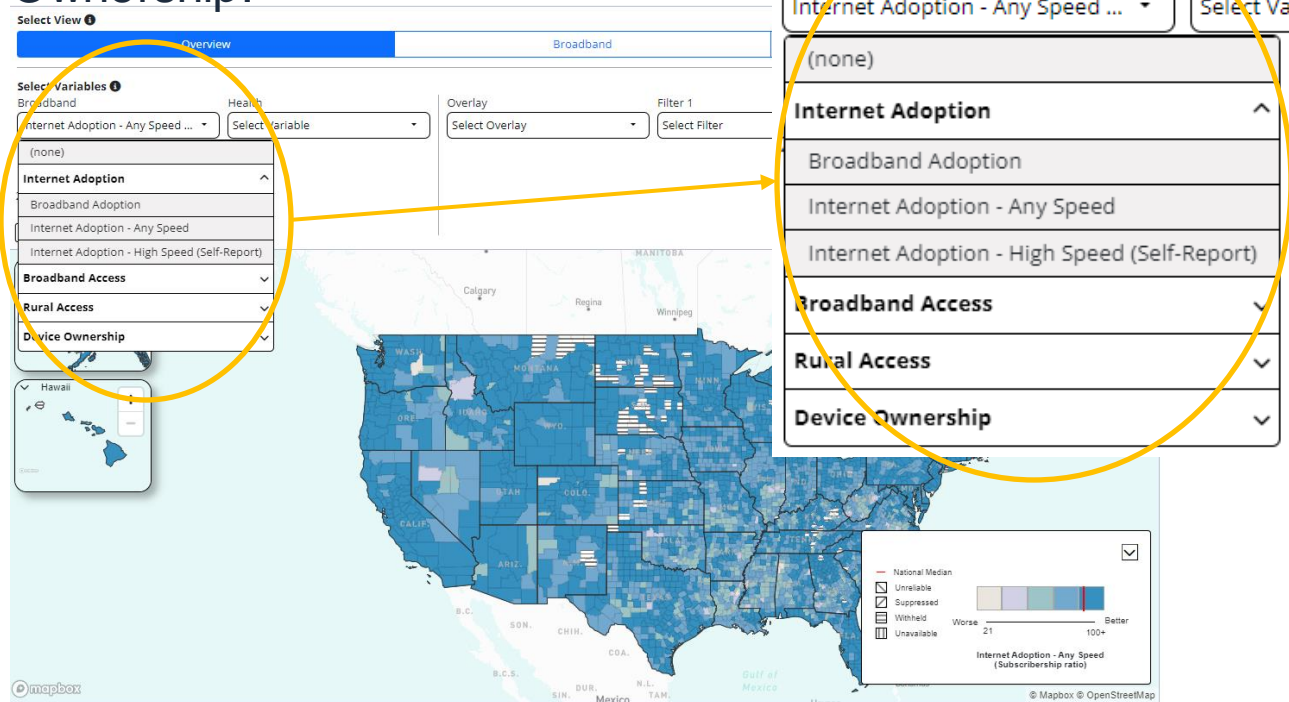
**Overview:**  
Shows where broadband and health needs coincide

**Broadband:**  
Displays the broadband picture filtered by health

**Health:**  
Displays the health picture filtered by broadband

# Set Variables: Broadband

Use the “Broadband” dropdown box to explore data on Internet Adoption, Broadband Access, Rural Access, and Device Ownership.



## Broadband Variables

### Internet Adoption

- Broadband Adoption
- Internet Adoption – Any Speed
- Internet Adoption – High Speed (Self-Report)

### Broadband Access

- Fixed Broadband Access
- Mobile Access
- Fixed Broadband and Mobile Access

### Rural Access

- Rural Fixed Broadband Access
- Rural Mobile Access
- Rural Fixed Broadband and Mobile Access

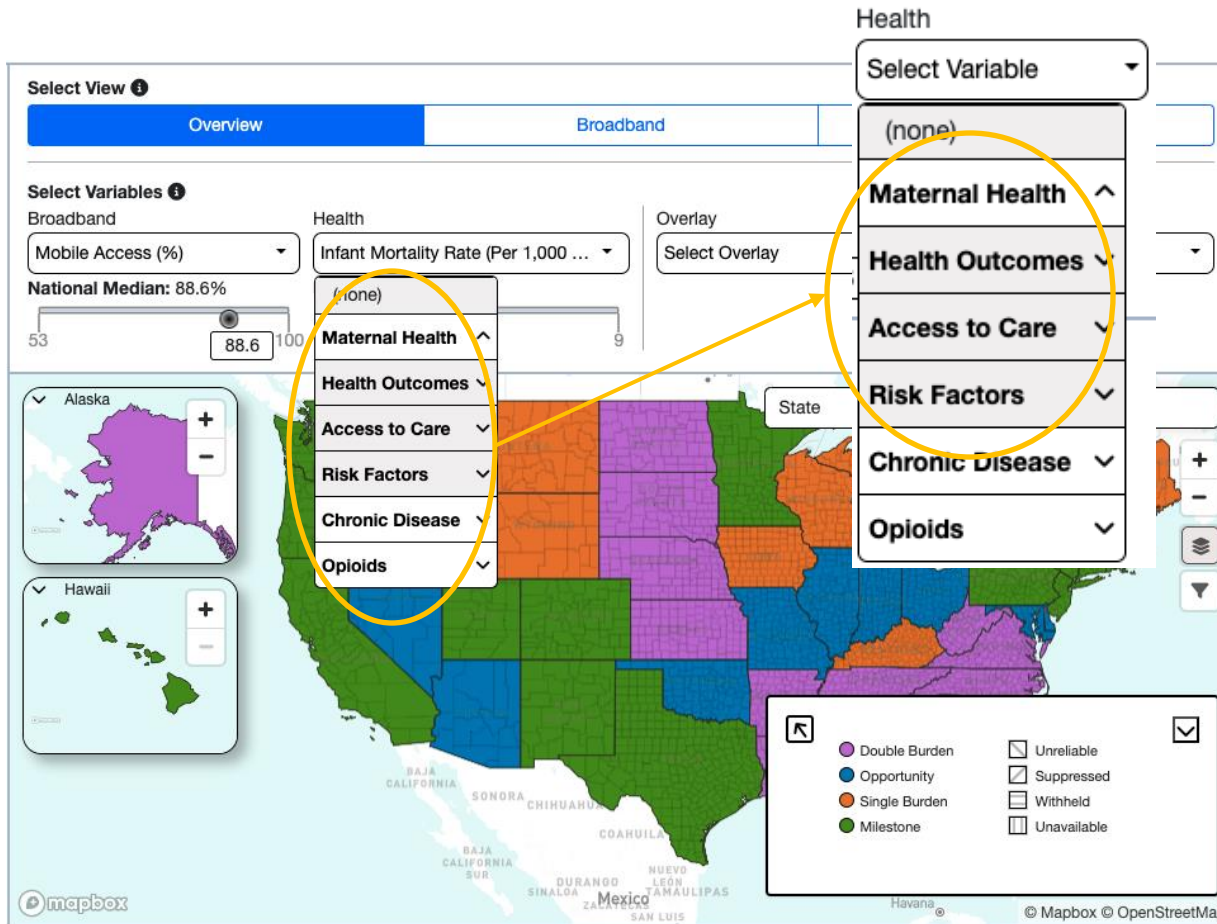
### Device Ownership

- Households – No Device
- Households – Smartphone Only
- Households – Desktop or Laptop Only



# Set Variables: Health (1 of 3)

Use the “Health” dropdown box to explore data on Maternal Health.



## Maternal Health Variables

### Health Outcomes

- Maternal Deaths
- Maternal Mortality Rate
- Late Maternal Death Rate
- Severe Maternal Morbidity Rate
- Infant Mortality Rate

### Access to Care

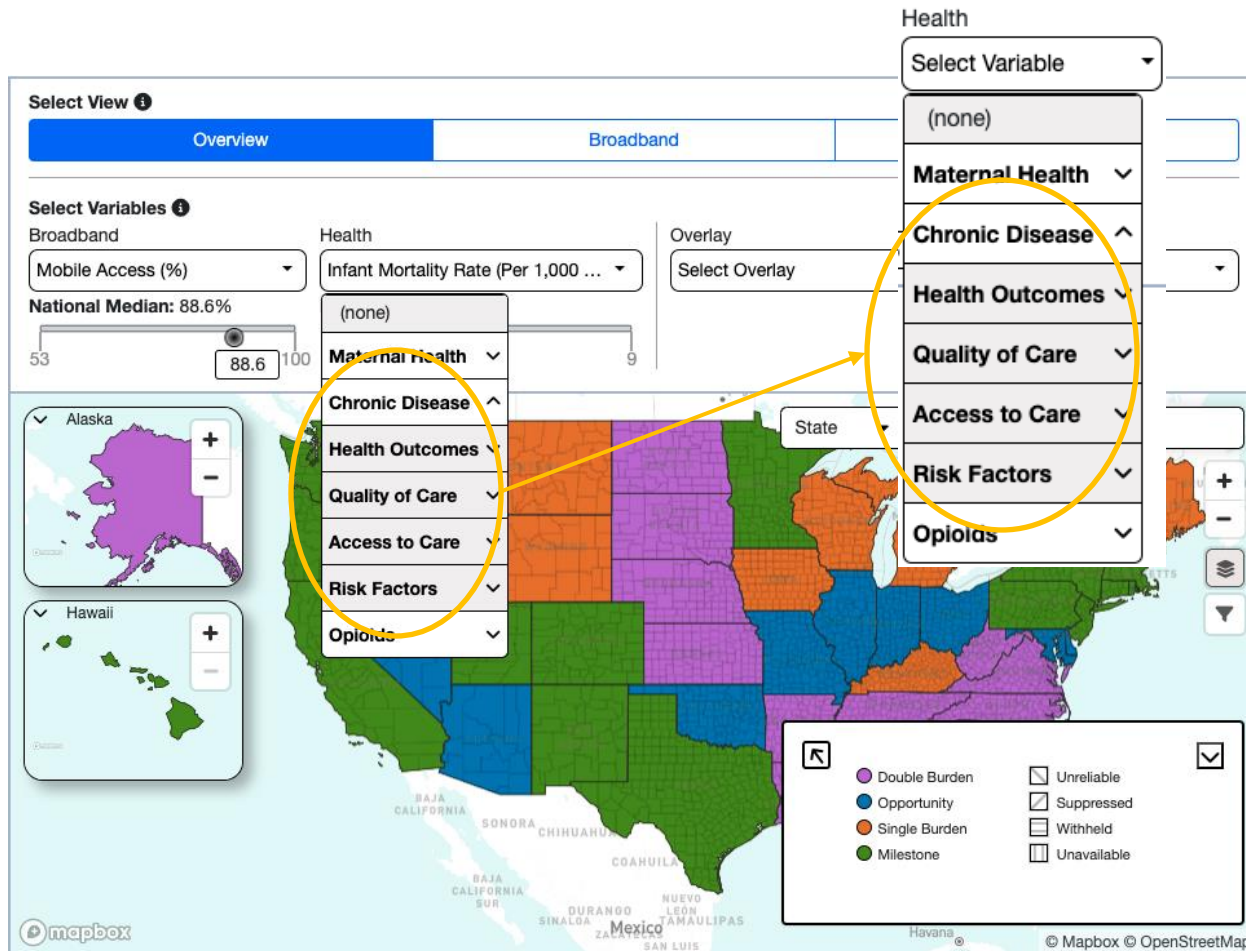
- Maternity Care Deserts
- Mental Health Provider Shortage
- Physician Access

### Risk Factors

- Maternal Hypertension
- Maternal Diabetes
- Pre-pregnancy Obesity
- Low Birth Weight
- Preterm Births
- Smoking During Pregnancy
- Breastfeeding Initiation

# Set Variables: Health (2 of 3)

Use the “Health” dropdown boxes to explore data on Chronic Disease.



## Chronic Disease Variables

### Health Outcomes

- Diabetes
- Obesity
- Poor/Fair Health
- Sick Days
- Injury Deaths
- Premature Deaths
- Breast Cancer Incidence
- Breast Cancer Mortality

### Quality of Care

- Preventable Hospitalization

### Access to Care

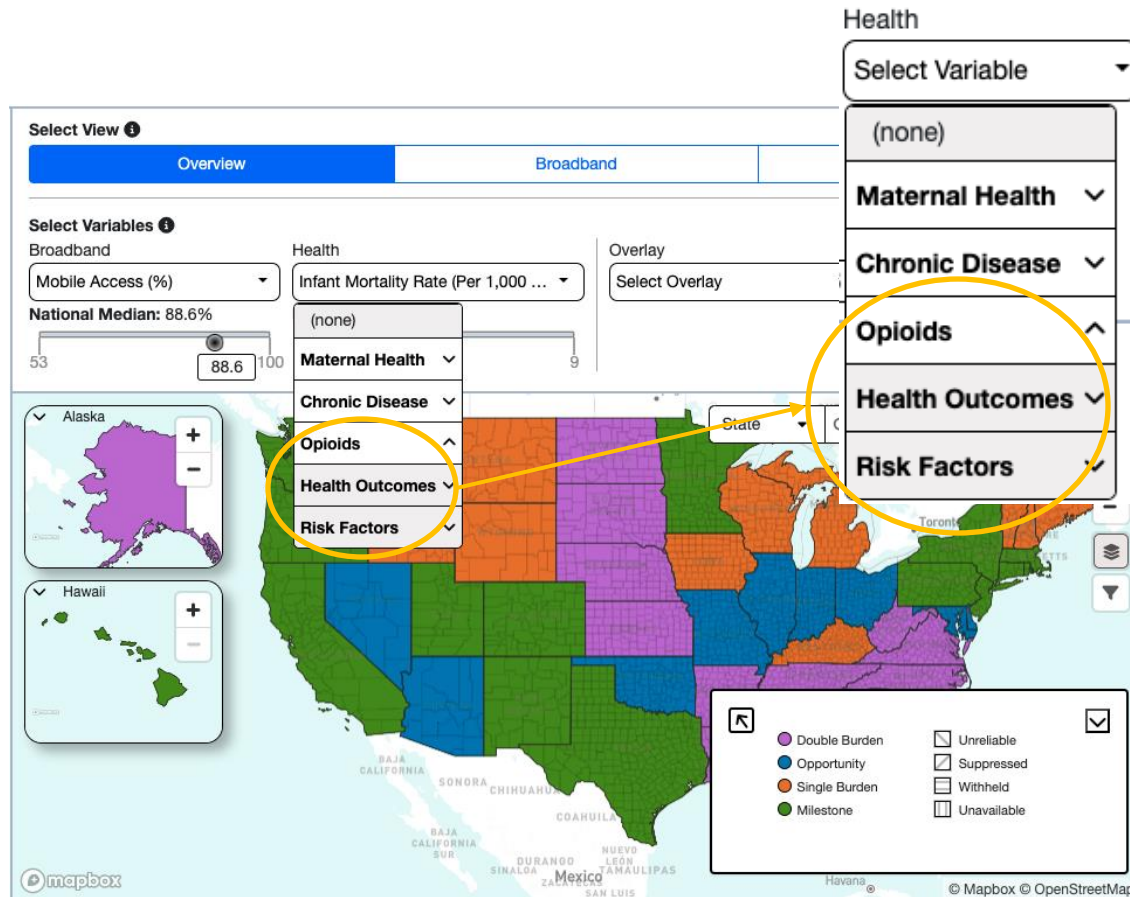
- Dental Providers
- Physician Access

### Risk Factors

- Smoking
- Excessive Drinking
- Physical Inactivity
- Mammography Screening Prevalence

# Set Variables: Health (3 of 3)

Use the “Health” dropdown box to explore data on Opioids.



## Opioids Variables

### Health Outcomes

- All Drugs – Death Rate
- All Drugs – Death Rate Trends
- All Opioids – Death Rate
- All Opioids – Death Rate Trends
- Prescription Opioids – Death Rate
- Prescription Opioids – Death Rate Trends
- Synthetic Opioids – Death Rate
- Synthetic Opioids – Death Rate Trends
- Heroin – Death Rate
- Heroin – Death Rate Trends
- Opioid Use Disorder

### Risk Factors

- Opioids Prescription Rate
- Opioids Prescription Trends

# Adjust Variable Data Thresholds and Filters

The screenshot displays the 'Select View' section with three tabs: 'Overview' (active), 'Broadband', and 'Health'. Below this is the 'Select Variables' section, which includes two dropdown menus: 'Broadband' (set to 'Fixed Broadband Access (%)') and 'Health' (set to 'Diabetes (%)'). To the right are two more dropdowns: 'Overlay' (set to 'Select Overlay') and 'Filter 1' (set to 'Select Filter'). Below the dropdowns are two sliders. The 'Broadband' slider ranges from 0 to 100, with a national median of 85.4% and a current threshold of 51.5%. The 'Health' slider ranges from 5 to 23, with a national median of 10.2% and a current threshold of 15.5. Two yellow arrows point from the text below to the sliders.

In OVERVIEW View, the sliders are used to set the broadband and health thresholds to create the C2H Regional Categorization. The default thresholds are the national median values for the respective Broadband and Health variables, unless noted otherwise. When the slider is moved, the national median remains visible, as in the Broadband variable above.

To adjust the threshold, slide the moveable dot under the variable. The map will update to reflect the broadband connectivity status and health need based on your selections.

# Select a Map Overlay

Use the “Overlay” dropdown box to select demographic data to display on your customized map.

Overlay

Select Overlay

(none)

Population

Population

Female

Age (Over 65 Years)

Social and Economic Factors

Access to Care

Legend:

- Double Burden
- Opportunity
- Single Burden
- Milestone
- Unreliable
- Suppressed
- Withheld
- Unavailable

## Overlay Options

(Numbers are Based on National Median)

### Population

- Population
- Female
- Age (Over 65 Years)

### Access to Care

- Number of Hospitals with Mammography Service

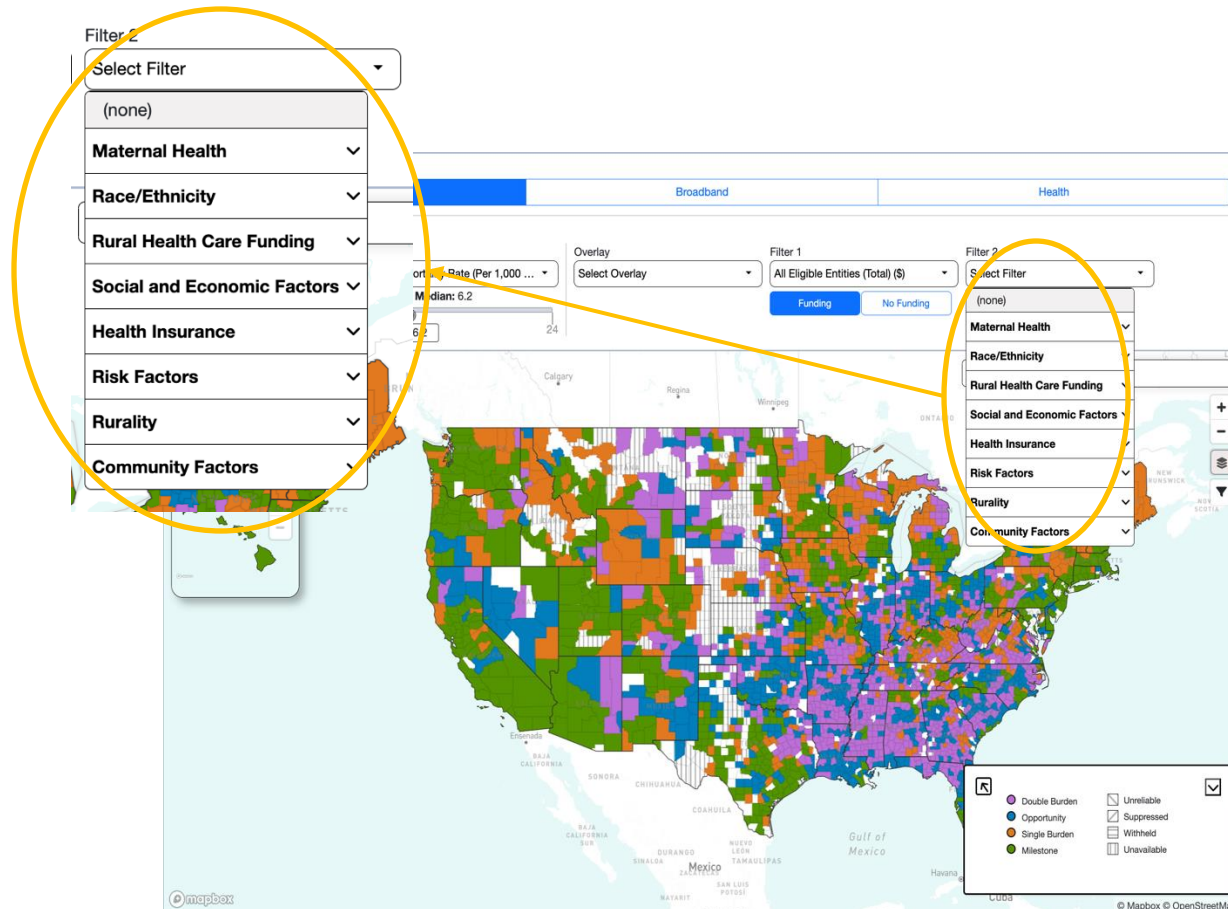
### Social and Economic Factors

- Unemployment
- Median Household Income
- Education

Overlay variables appear as dots on your customized map. Larger dots represent data above the national median, while smaller dots represent data below the national median.

# Select Platform Filters (1 of 2)

Use the “Filters” dropdown boxes to filter results based on selected health variables, social and economic factors, and other demographic measures. Up to two filters can be selected.



## Filter Options (Continues in the next slide)

### Rural Health Care Funding

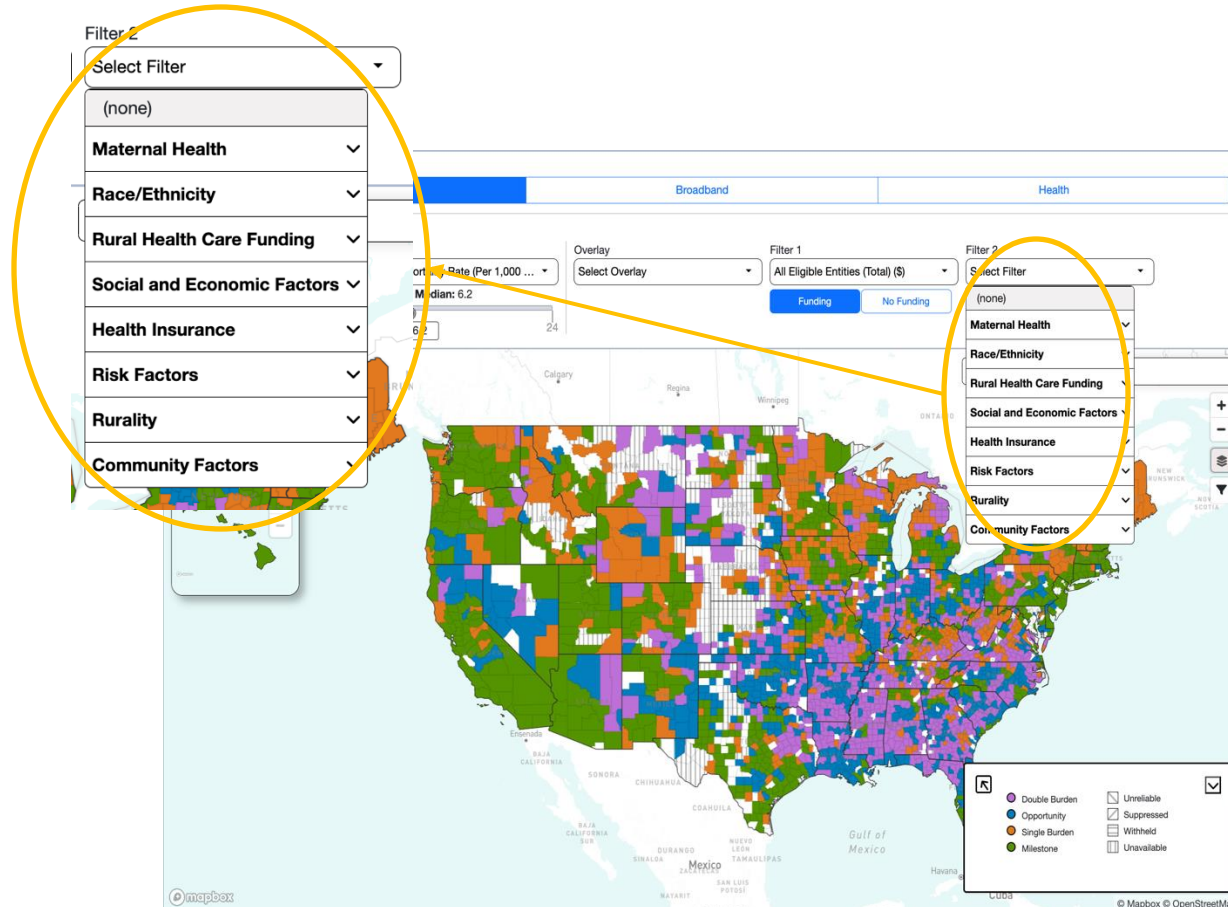
- All Eligible Entities (Total)
- Community Health Centers
- Community Mental Health Centers
- Consortia
- Dedicated Emergency Rooms
- Educational Institutions
- Local Health Departments
- Not-for-Profit Hospitals
- Rural Health Clinics
- Skilled Nursing Facilities
- Other

### Maternal Health

- Race/Ethnicity - Women 15-44 years of age
  - American Indian or Alaska Native
  - Asian
  - Black or African American
  - Hispanic or Latina
  - More than one race
  - Native Hawaiian or Other Pacific Islander
  - Non Hispanic or Latina
  - White
- Maternal Age
- Prenatal Care (First Trimester)

# Select Platform Filters (2 of 2)

Use the “Filters” dropdown boxes to filter results based on selected health variables, social and economic factors, and other demographic measures. Up to two filters can be selected.



## Filter Options (Continued)

### Race / Ethnicity

- American Indian or Alaska Native
- Asian
- Black or African American
- Hispanic or Latino
- More than one race
- Native Hawaiian or Other Pacific Islander
- White

### Social and Economic Factors

- Distance to ER
- Food Insecurity
- Households – No Vehicle
- Poverty
- Social Vulnerability Index
- Veteran Status

### Health Insurance

- Health Insurance
- Medicaid
- Medicare
- Private Insurance

### Risk Factors

- HIV Prevalence
- Poor Mental Health Days

### Rurality

- Rurality – Min/Max
- Rurality – Quintiles

### Community Factors

- Severe Housing

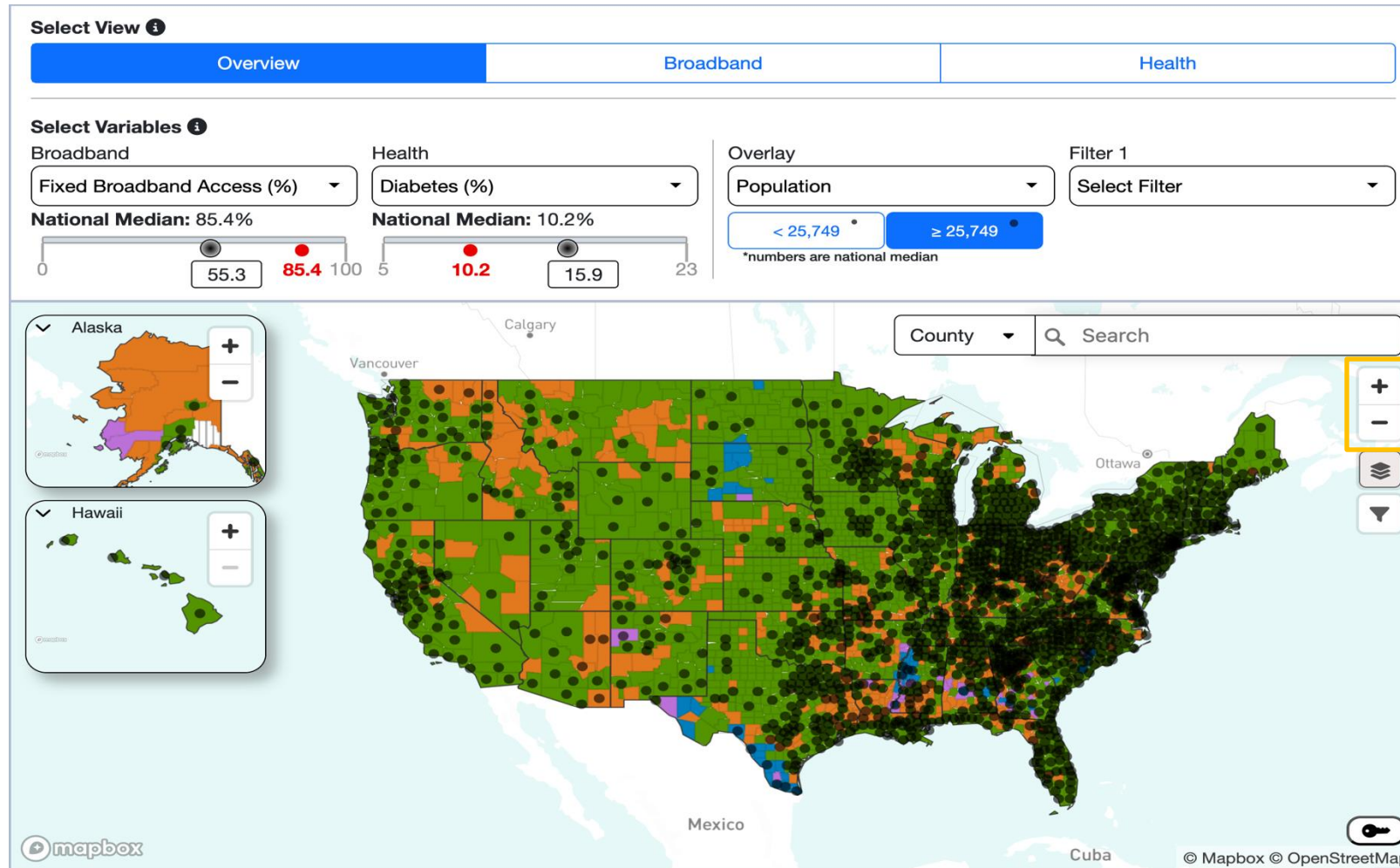
---

# Navigate the Platform

[Return to Table of Contents](#) 



# Move Around the Map

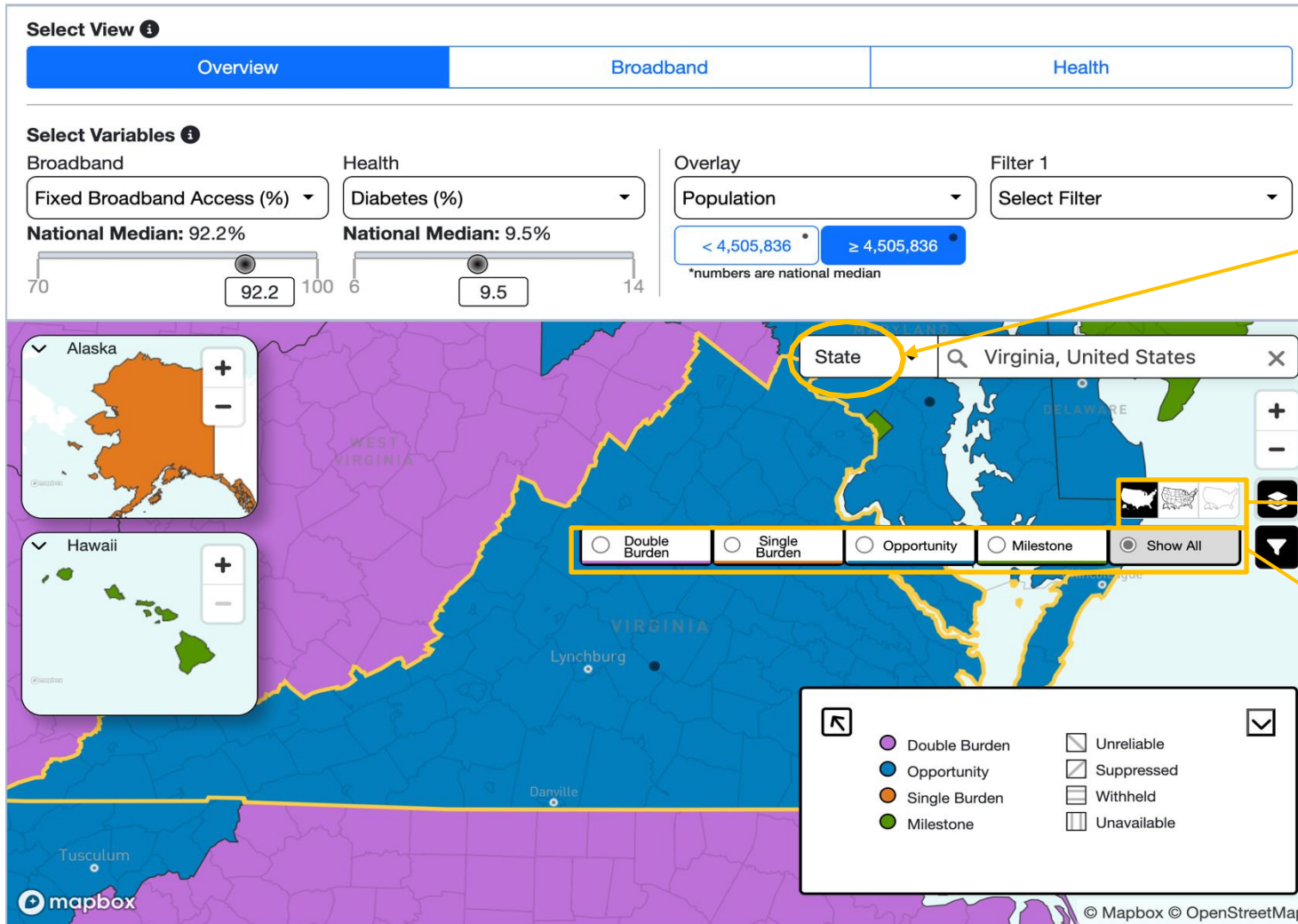


Click, hold, and drag the map to move across the country.



Use the Zoom controls to zoom in (+) and out (-) of the map.

# Set to State or County Level



Specify whether the map will show data at the state or county level (note not all data is available at county level)

Search to zoom into a county or state

Layers provide three options for displaying and isolating your state.



If Overview view is selected, a filter icon will appear. This allows you to filter by double burden, single burden, opportunity, or milestone.



# Review Detailed Geographic Information

**Idaho**

**Selected Variables**

**Broadband: Fixed Broadband Access** 88.5% Lower than national median (92.20%)

**Health: Diabetes** 8.8% Lower than national median (9.50%)

C2H State Categorization **Single Burden**

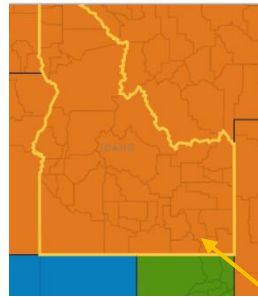
**Selected Overlay/Filters**

**Overlay: Population** 1,839,106 Lower than national median

**Demographics**

Population	1,839,106
Density	23.5 per sq. mile
Urban	69.24%
Rural	30.75782473%
Male	50.393% (926,781)
Female	49.607% (912,325)
Over 65 Years	17.042%
Attended some college	66.542%
Unemployment	2.663%
Median Household Income	\$72,634

**Visualizations**



After you select a specific state or county, additional contextual information will appear to the left of the map. All information updates automatically when you select a new state or county.

**Fixed Broadband Access and Diabetes**  
With overlay of Population

Select View: Overview | Broadband | Health

**Selected Variables**

**Broadband:** Fixed Broadband Access (%) 88.5% Lower than national median (92.20%)

**Health:** Diabetes (%) 8.8% Lower than national median (9.50%)

C2H State Categorization **Single Burden**

**Selected Overlay/Filters**

**Overlay: Population** 1,839,106 Lower than national median

**Demographics**

Population	1,839,106
Density	23.5 per sq. mile
Urban	69.24%
Rural	30.75782473%
Male	50.393% (926,781)
Female	49.607% (912,325)
Over 65 Years	17.042%
Attended some college	66.542%
Unemployment	2.663%
Median Household Income	\$72,634

**Visualizations**

# Expand Alaska and Hawaii



Alaska and Hawaii appear in separate panels on the top left side of the map. Click on the zoom buttons inside these panels to zoom in (+) or zoom out (-) of Alaska and Hawaii.

To minimize and focus on the contiguous United States, click on the arrows in the top left corner of these panels.



Smaller buttons will now appear for Alaska and Hawaii in the lower left corner of the map. Click these buttons to display larger visuals again.

# Reset Selections

Use the “Reset” button on the far right of the Control Panel to remove all selections and start again on a new customized visualization.



## Mapping Broadband Health in America

[Download Data](#) [Share](#) [Export to PDF](#)

### Internet Adoption - Any Speed and Infant Mortality Rate

With overlay of Female



Click on or lookup the county in the search bar

#### Select View

Overview | Broadband | Health

#### Select Variables

Broadband

Internet Adoption - Any Speed (...)

National Median: 87

21 | 87 | 0+

Health

Infant Mortality Rate (Per 1,000 ...)

National Median: 6.2

2 | 6.2 | 24

Overlay

Female (%)

< 49.876% | ≥ 49.876%

\*numbers are national median

Filter 1

Select Filter

### About Broadband and Maternal Health

The United States is the only developed country with increasing maternal mortality and severe maternal morbidity rates and, according to the CDC, more than 80% of maternal deaths are preventable. Broadband connectivity is related to

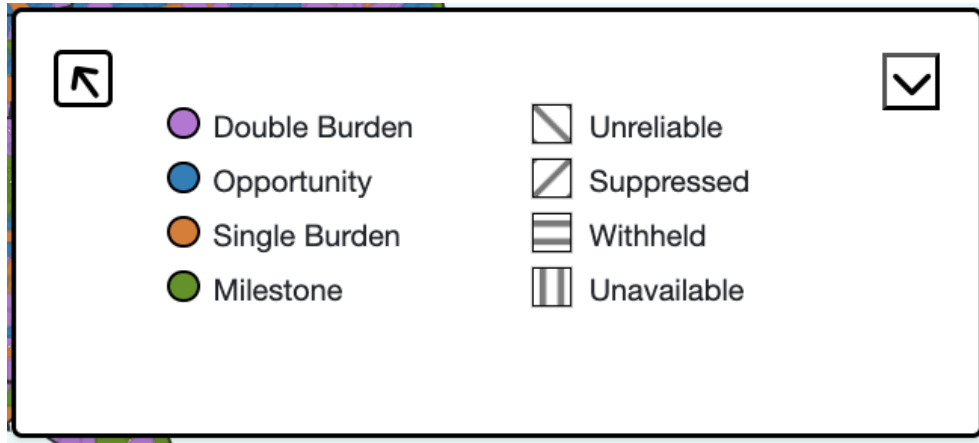
---

# Create Your Custom Map

[Return to Table of Contents](#) 

# Use the Map Legend: OVERVIEW View

The legend explains what is being shown on the map and includes a map key and the definition section.



In “OVERVIEW”, once you select a broadband and health variable, the map is sorted into categories that allow users to quickly understand the relationship between broadband connectivity status and health need by geography. States and counties will fall into one of four categories:

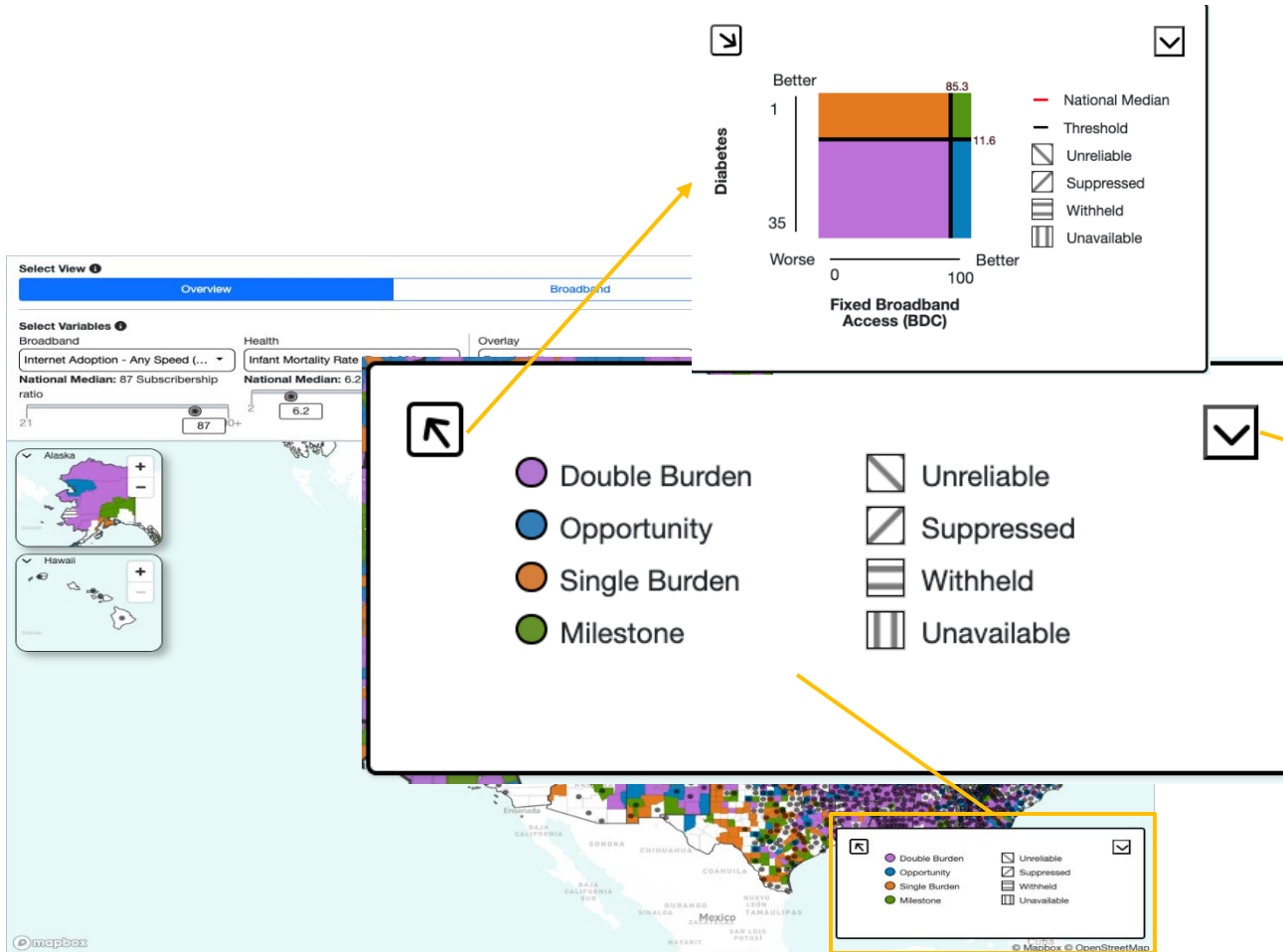
- **Double burden:** Area has *lower* connectivity status and *higher* health need than threshold
- **Single burden:** Area has *lower* connectivity status and *lower* health need than threshold
- **Opportunity:** Area has *higher* connectivity status and *higher* health need than threshold
- **Milestone:** Area has *higher* connectivity status and *lower* health need than threshold

Occasionally, data is unavailable either because it is **unreliable**, **suppressed**, or **withheld**. These three categories are shown as patterns on the map. You can view the specific definition by hovering over the word in the legend.

**Note:** Consistent with CDC guidance, some maternal mortality data on the platform has been suppressed.

# Use the Map Legend: OVERVIEW View

The legend explains what is being shown on the map and includes a map key and the definition section.



Click the left arrow to open a pop-up that shows categories arranged in colored quadrants and selected thresholds as thick black lines. It automatically updates if you change a threshold. The national median for each variable is shown as a thin red line and does not change.

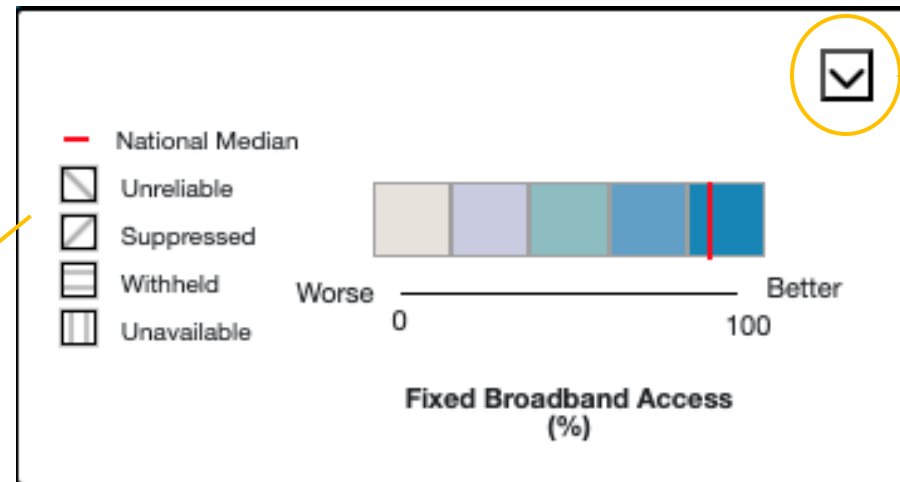
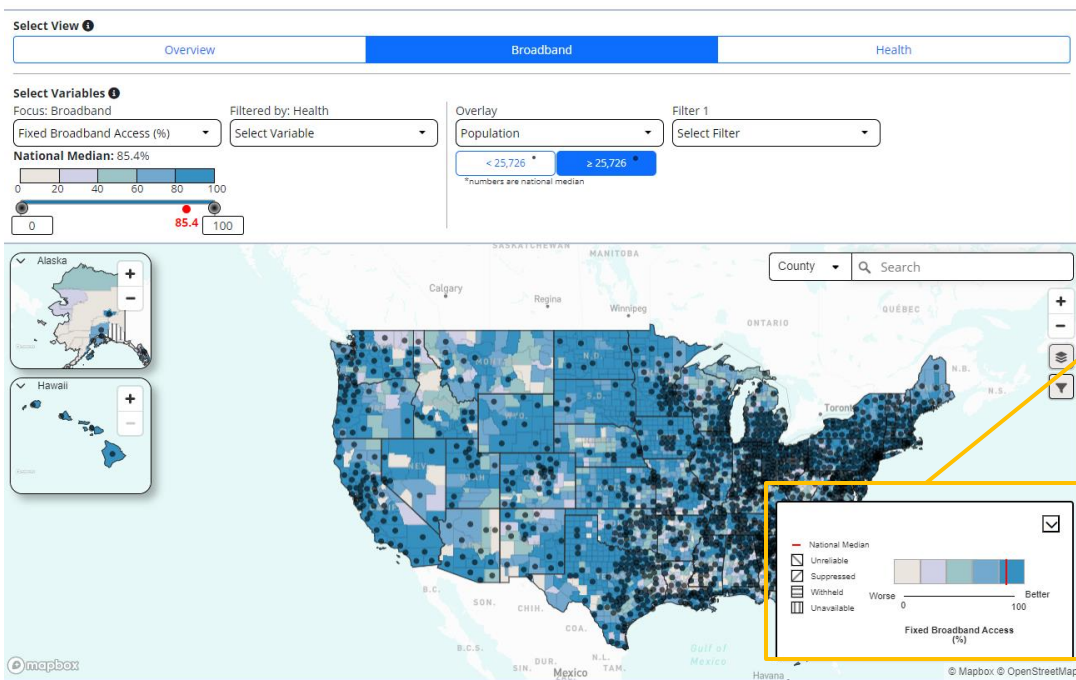


Click the right arrow to shrink the legend to a small button in the bottom right corner of the map



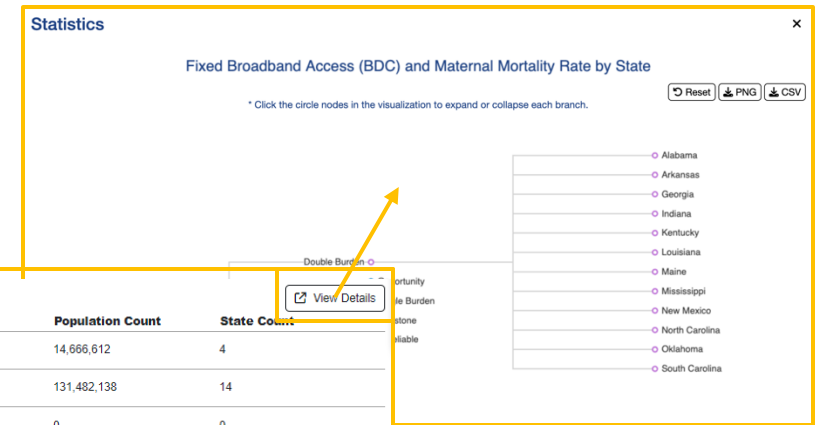
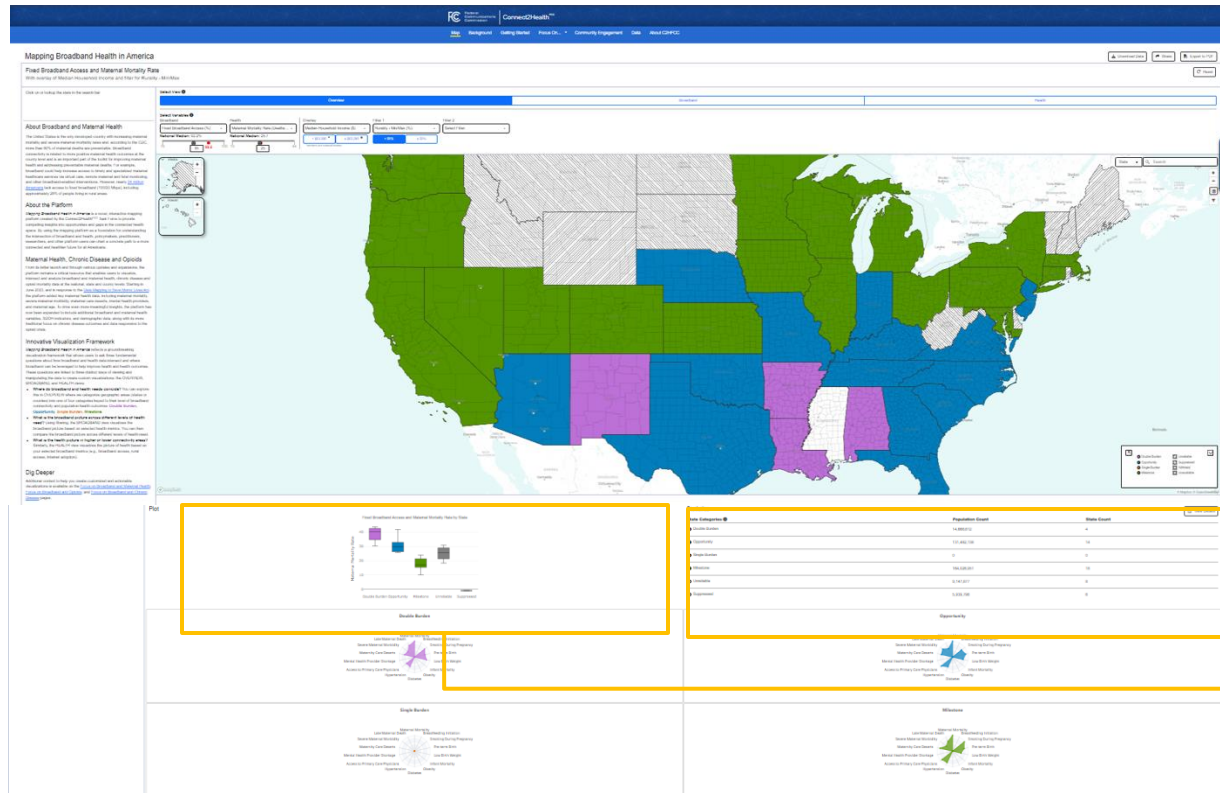
# Use the Map Legend: BROADBAND or HEALTH Views

In the BROADBAND or HEALTH view, the map key displays the selected broadband or health variable in quintiles (fifths) from higher need (left) to lower need (right). The quintiles correspond directly to the quintiles that appear underneath the variable dropdown and use the same colors. For reference, the national median is shown as a thin red line.

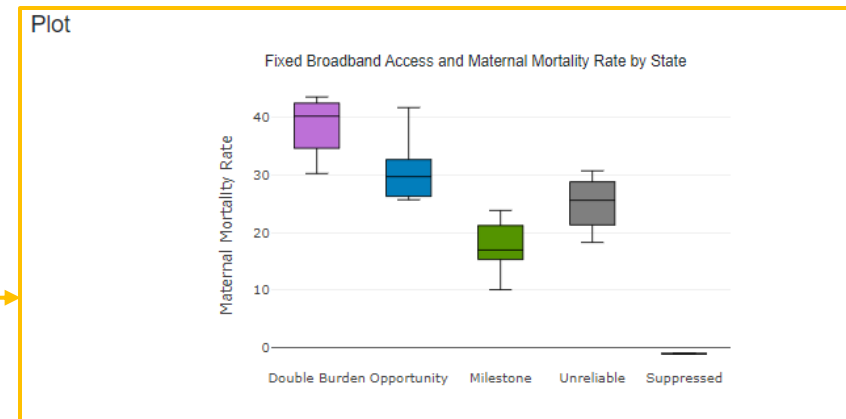


# Nationwide Plot and Statistics: OVERVIEW View

The Plot panel depicts the number of states or counties represented in your custom map by C2H categorization. The Statistics panel provides the number and population of states or counties in each category. The View Details button provides downloadable lists of the states or counties in each category.

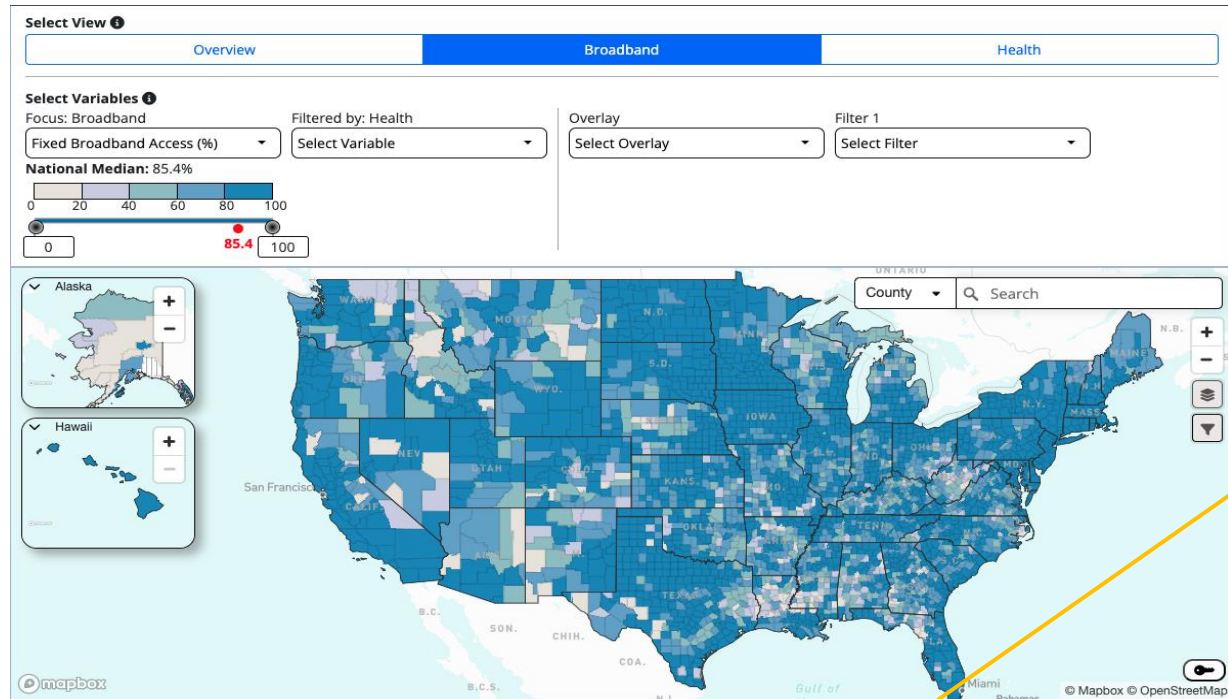


State Categories	Population Count	State Count
Double Burden	14,666,612	4
Opportunity	131,482,138	14
Single Burden	0	0
Milestone	164,026,951	18
Unreliable	9,147,877	8
Suppressed	5,939,796	6



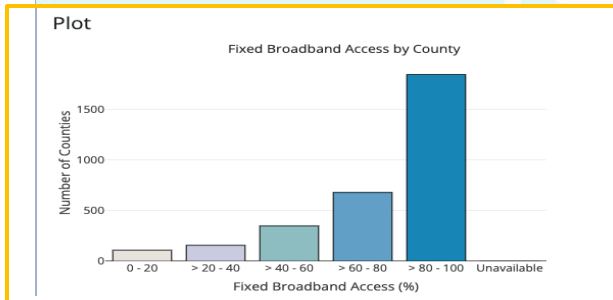
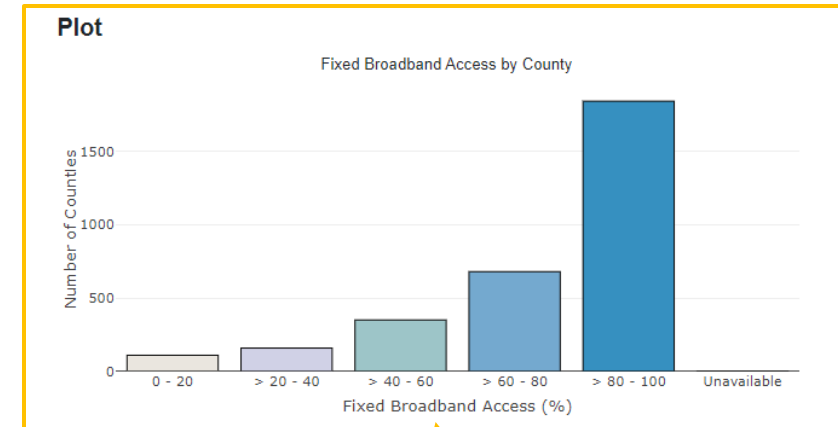
# Nationwide Plot and Statistics: BROADBAND View

Use the “BROADBAND” View to visualize Broadband filtered by Health variables



**Statistics** [View Details](#)

County Categories	Population Count	County Count
○ 0 - 20 %	1,043,736	109
○ > 20 - 40 %	2,319,117	158
● > 40 - 60 %	6,495,558	350
● > 60 - 80 %	21,424,535	680
● > 80 - 100 %	300,156,616	1,844
○ Unavailable	0	1

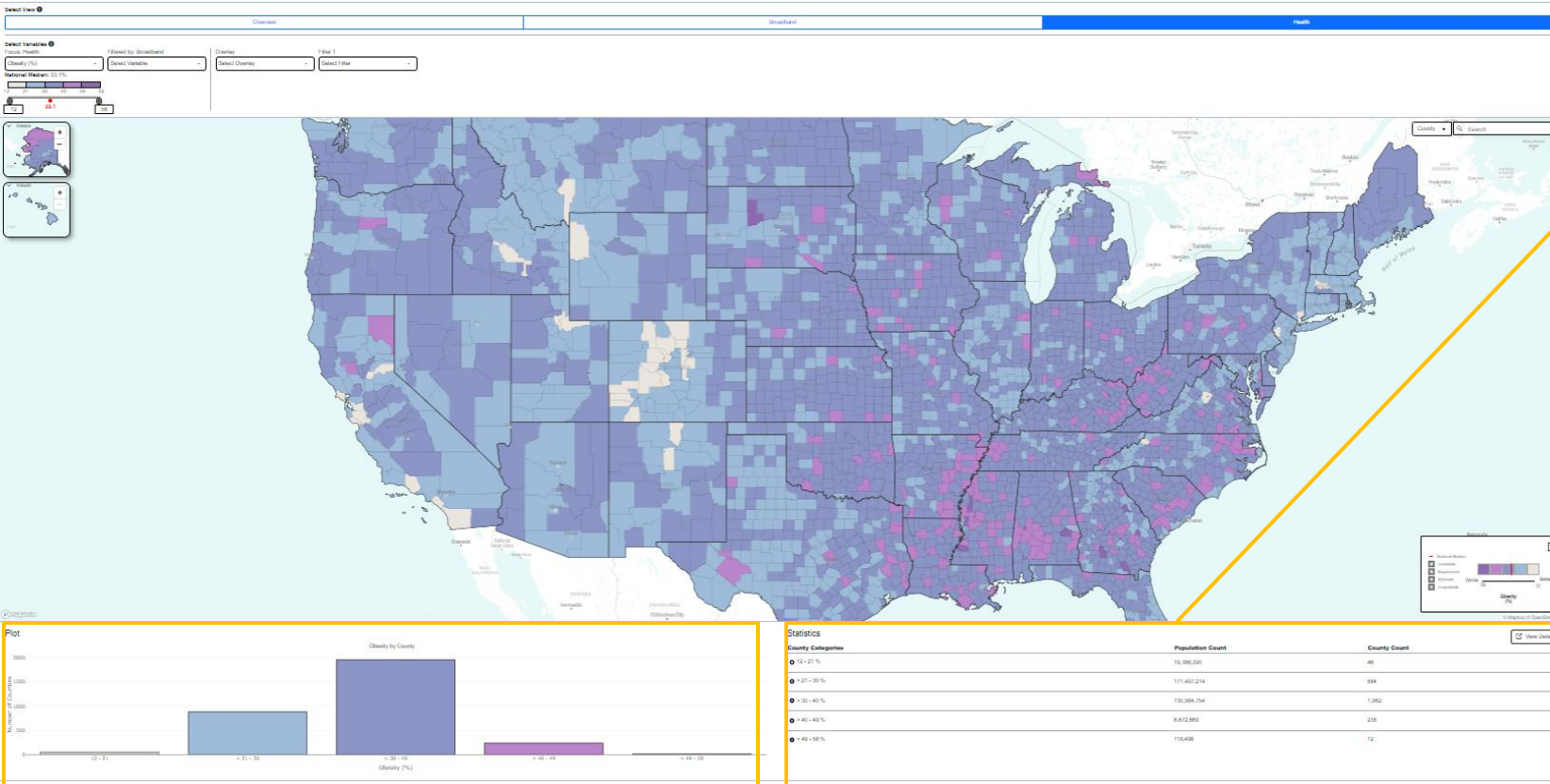


**Statistics** [View Details](#)

County Categories	Population Count	County Count
○ 0 - 20 %	1,043,736	109
○ > 20 - 40 %	2,319,117	158
● > 40 - 60 %	6,495,558	350
● > 60 - 80 %	21,424,535	680
● > 80 - 100 %	300,156,616	1,844
○ Unavailable	0	1

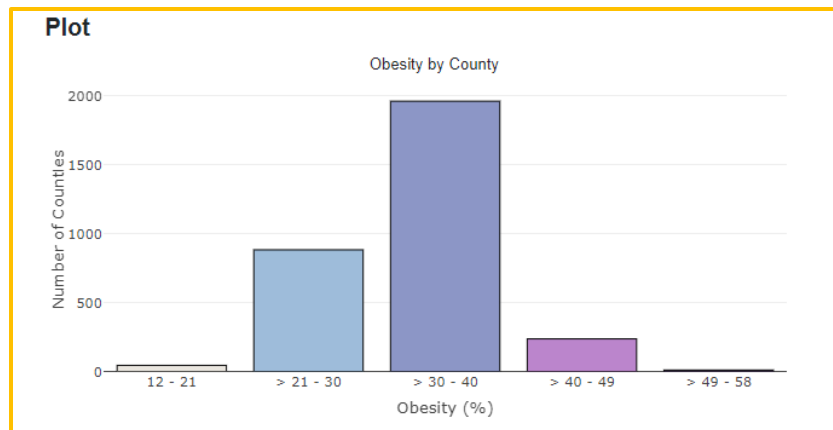
# Nationwide Plot and Statistics: BROADBAND View

Use the “HEALTH” View to visualize Health filtered by Broadband variables



**Statistics** [View Details](#)

County Categories	Population Count	County Count
○ 12 - 21 %	19,386,390	46
● > 21 - 30 %	171,497,214	884
● > 30 - 40 %	130,564,754	1,962
● > 40 - 49 %	6,672,669	238
● > 49 - 58 %	118,496	12



---

# Download and Share

[Return to Table of Contents](#) 

# Data Sharing Toolbar



## Download data

Select “Download Data” in the top right corner to download the data behind the platform and visualizations. You can download at the National, State, and County levels in both CSV and JSON formats.

## Share

Select “Share” in the top right corner to generate a link to your customized map, including your selected variables, the overlay, and filters.

## Export to PDF

Select “Export to PDF” in the top right corner to generate a PDF showing your customized map and supporting visualizations. You can select which elements, including plots, statistics, and supporting visualizations, should be included in the PDF export.

