

# Obtaining Data about your Target Population Using New Mexico's Indicator-Based Information System (NM-IBIS)

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# Today...

You will learn to navigate the IBIS web site to obtain key demographic and other information about population of interest.

## How?

I will demonstrate. All steps are in these slides!

I recommend you follow with me! I'll pause with every step.

You will have practice time in breakout rooms.

# What is IBIS?

- New Mexico's Indicator-Based Information System (NM-IBIS) is part of the Department of Health
- allows access to data and statistics on key public health issues in New Mexico.
- Here's the link: <https://ibis.health.state.nm.us/about/Welcome.html>



Welcome

Contents and Usage

What's New?

Contact Information

## Welcome to NM-IBIS - New Mexico's Public Health Data Resource

### What's New?

- [State of Health in New Mexico, 2018](#)
- [Community Health Assessment Forum](#)
- [NM-IBIS News and Updates page](#)



### Choose a Topic





# New Mexico's Indicator-Based Information System (NM-IBIS)

*...Monitoring New Mexico's Health*

Path: [NM-IBIS](#) » [About](#)

Search this w

- About NM-IBIS +
- Health Topics +
- Health Indicator Reports +
- Explore Communities +
- Explore Datasets +
- Resources +

Welcome

ource

There are 4 key tabs on IBIS



# New Mexico's Indicator-Based Information System (NM-IBIS)

*...Monitoring New Mexico's Health*

Path: [NM-IBIS](#) » [About](#)

- About NM-IBIS +
- Health Topics +
- Health Indicator Reports +
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- Explore Datasets +
- Resources +

Welcome

Welcome to NM-IBIS - New Mexico's Public Health Data Resource

It provides tables and maps for health topics by population



# New Mexico's Indicator-Based Information System (NM-IBIS)

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Path: [NM-IBIS](#) » [About](#)

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[About NM-IBIS](#) +

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Welcome

Welc

New Mexico's Public Health Data Resource

Indicator reports provide data for a health indicator as well as public health context (such as why it is important and what is being done to improve it).



# New Mexico's Indicator-Based Information System (NM-IBIS)

...Monitoring New Mexico's Health

Path: [NM-IBIS](#) » [About](#)

- About NM-IBIS +
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Welcome

Welcome to NM-IBIS - New Mexico Health Data Resource

Shows indicators with the option of selecting counties of interest.





# New Mexico's Indicator-Based Information System (NM-IBIS)

*...Monitoring New Mexico's Health*

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Welcome  
Content and Home

Welcome to NM-IBIS - New Mexico's Public Health Resource

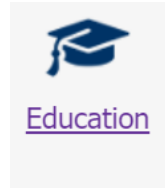
make your own query, instead of using the pre-packaged reports

# Health topics tab

Goal: Obtain Indicator Report on percentage of 11<sup>th</sup> graders proficient in science

1. Select Health Topics → Social Determinants of Health

2. Select the Education icon.



• Notice the Description above the icons. Each category in the IBIS website has these definitions and sources.

3. Scroll down to Public Education → **Select Science Proficiency**

# Health topics tab (2)

Once you are in the Science Proficiency report, notice the main tab changed!

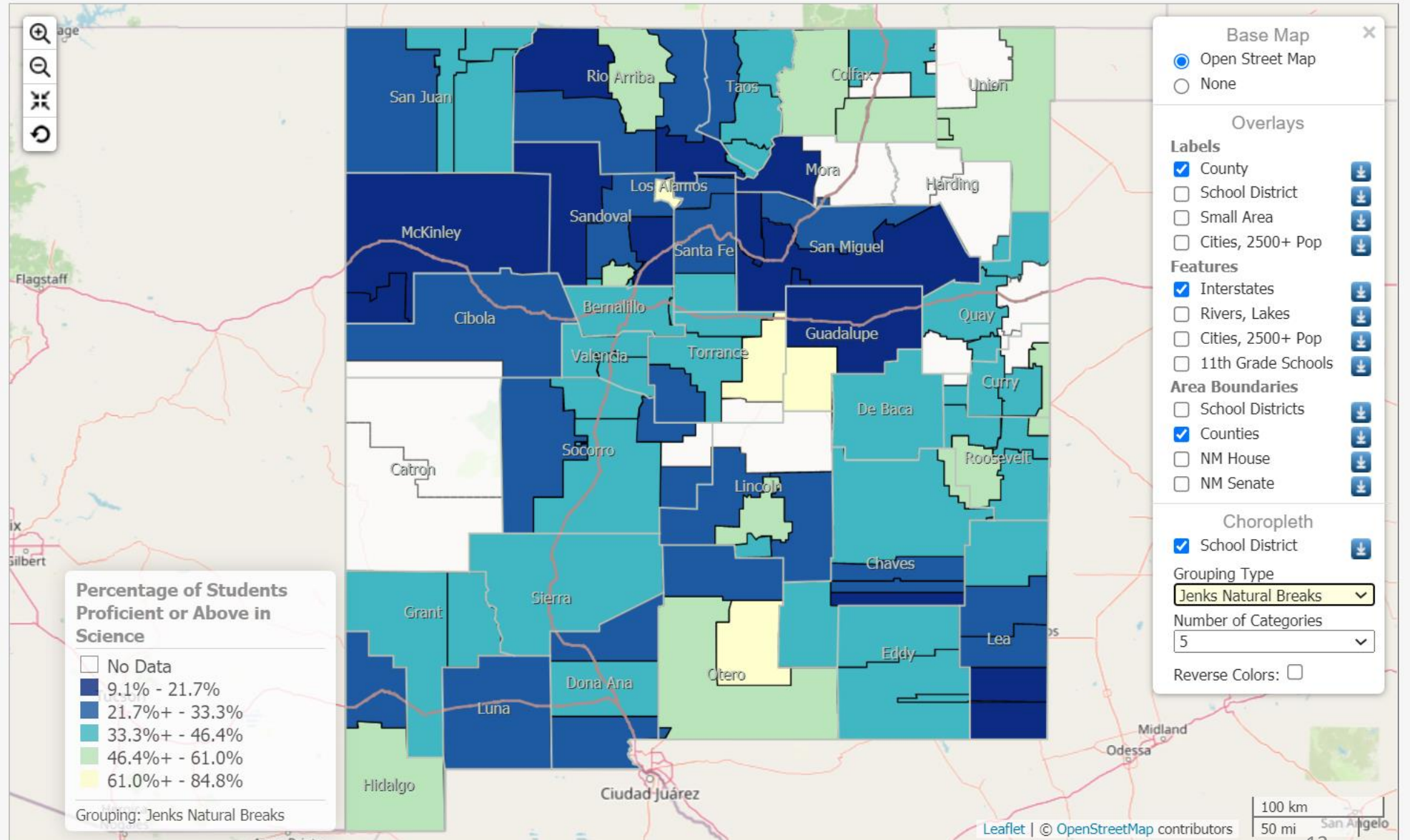
→ Now you are under Health Indicator Reports!

→ The Science Proficiency report includes a map, a graph and a table.

Notice: The page also provides a definition of what proficient means according to the state.

Scroll down and look at the map and the options.

## The Percentage of 11th-Grade Students Scoring 'Proficient' or Above on a Standardized Science-Skills Assessment by School District, New Mexico, 2015-2016



**Unselect the 11<sup>th</sup> grade schools**

**Under Labels, Select County and Interstates**

**Under Area Boundaries, Select Counties**

**Notice it is an interactive map! Scroll over the counties**

# Graphs and tables in reports

- Below the map, the report will usually show you a different visualization of the same map data. Usually a bar chart and a table.

# Data Views

- You can go to the left panel and change the data view for additional information.
- Select “by Sex, New Mexico, 2015-2016”. What do you see?
- How about if you select “by Race/Ethnicity”?



Important Facts

Data Views ✕

by School District, New Mexico, 2015-2016

by New Mexico School, 2015-2016

**by County, New Mexico, 2015-2016**

by Grade Level, New Mexico, 2015-2016

by Sex, New Mexico, 2015-2016

by Race/Ethnicity, New Mexico, 2015-2016

by English-Language Learner Status, New Mexico, 2015-2016

by Disability Status, New Mexico, 2015-2016

by Economic Status, New Mexico, 2015-2016

Related Indicators

Other Resources & Links

<https://ibis.health.state.nm.us/indicator/view/Edu>

Questions?





### About Health Indicator Reports

- Introduction
- Contents and Usage
- New Mexico Community Health Status Indicators
- How to Cite NM-IBIS

### Available Reports

- Alphabetical List of Indicator Profile Reports**
- Find Indicator Reports

### Community Reports

- Community Health Highlights Reports
- Community Snapshot Reports

### Special Reports

- State of Health in New Mexico, 2018
- State of Mental Health in New Mexico, 2018
- Substance Abuse Epidemiology Report, 2018
- ... Compares,



Population Characteristics

Health Services

Health Status

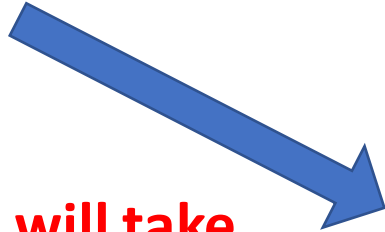
Health Status



**Choose letter P**

**You will see the Public Education category including Science Proficiency.**

**Selecting this link will take you to the same report as before!**



[Pertussis](#)

[Physical Activity - Adolescent Prevalence](#)

[Physical Activity - Adult Prevalence](#)

[Physical Activity, Adolescent - Attends Physical Education Class Daily](#)

[Physical Activity, Adolescent: Watching 3+ Hours of TV Daily](#)

[Pregnancy Intention - Title X/NM Family Planning Program](#)

[Prenatal Care in the First Trimester](#)

[Public Education - Free and Reduced Price Lunch Eligibility](#)

[Public Education - Habitual Truancy](#)

[Public Education - High School Graduation Rate](#)

[Public Education - Math Proficiency](#)

[Public Education - Reading Proficiency](#)

[Public Education - School Grades](#)

[Public Education - Science Proficiency](#)

[Seat Belt Use Among Adolescents](#)

[Smoking-Related Deaths](#)

Questions?

# Activity 1 in Breakout rooms (10-15 minutes)

1. Go to the Health Topics Tab → Select Social Determinants of Health
2. Go to Neighborhood and Built in Environment
3. Select the **Food insecurity** link. What does the line graph show you?
  - Scroll down to data sources and data interpretation issues. How did they measure food insecurity?
4. Now, on the left panel, go to Data Views → Select “By County, All Persons, New Mexico, 2017”.
  - What do you notice about where food insecurity is an issue? (you can use the label options in the map panel). Check out the graph for a comparison with the US.
5. Can you find this report using the Alphabetical list under the Health Indicators tab?



## About Community Reports

Introduction

Contents and Usage

New Mexico Community Health Status Indicators

5 Clicks to Community Data

How to Cite NM-IBIS

## Available Reports

Community Snapshot Reports

Community Highlight Reports

**“These reports provide NM-IBIS indicator report pages collated for a single county”**



Lifestyle & Risk Factors



Health Status

# Community Snapshot reports

- Focus on county-level indicators with comparisons with NM and the US.
- We will obtain a report for Taos “Early Learning Indicators”.
  - Select Community Snapshot Reports
  - Under “Step 1: Select Community” choose Taos County
  - Under “Step 2: Select a Set of Health Indicators” choose “Early Learning Indicators”
  - Select all of the options under Step 3
  - Select “Submit”

# The result should look like this... take a minute to check it out!

**New Mexico's Indicator-Based Information System (NM-IBIS)**  
*...Monitoring New Mexico's Health*

Path: [NM-IBIS](#) » [community](#) » [profile](#)

Search this website...

[About NM-IBIS](#) | [Health Topics](#) | [Health Indicator Reports](#) | [Explore Communities](#) | [Explore Datasets](#) | [Resources](#) | [My Data](#)

**Community Snapshot for Taos County - Early Learning Indicators (Only available with COUNTY and SCHOOL DISTRICT community types.)**

**Overview** COLLAPSE

**Overview**  
 This county report provides counts and rates for the selected New Mexico County. It also provides confidence intervals, colored comparison symbols and New Mexico and U.S. values of the same measure whenever they are available. Please note that additional report content for each indicator may be found below the table. And if you are viewing this report online, clicking on the highlighted indicator name in the table will take you to the complete indicator report page for that measure.

**Early Childhood Education Indicators**  
 These are the Early Childhood Education Indicator reports. This online report format allows the report to be updated as soon as new data and information become available.

Indicator	Community Data			Comparison Values	
	Count/Rate	Confidence Interval*	Compared to NM	New Mexico	U.S.
<b>- OUTCOMES -</b>					
<a href="#">Percentage of Live Born Infants With Low Birthweight, 2015-2017</a> (Percentage Low Birthweight) Low birthweight infants are those weighing less than 2,500 grams (about 5.5 pounds). The low birthweight rate is the number of live births under 2,500 grams divided by the total number of live births over the same time period.	12.5%	(10.3% - 14.7%)	!	9.0%	8.3%

Search this website...



- About NM-IBIS
- Health Topics
- Health Indicator Reports
- Explore Communities
- Explore Datasets
- Resources
- My Data

- ### About Community Reports
- Introduction
  - Contents and Usage
  - New Mexico Community Health Status Indicators
  - 5 Clicks to Community Data
  - How to Cite NM-IBIS

- ### Available Reports
- Community Snapshot Reports
  - Community Highlight Reports

**Now let's look at the Community Highlight Reports**



[Introduction to Indicator Reports](#)[Community Reports](#)[Community Health Highlights](#)[Community Snapshot Report](#)

## Community Health Highlights Report - Community Selection Page

### About this Report




The New Mexico Department of Health, Community Health Highlights Report is intended to provide easy access to community-level information about New Mexico's priority public health objectives.

The online report format allows programs across the Department to update the report as soon as new data and information become available. At the bottom of each page of the report, readers will find a date that indicates when the information was last updated, and contact information for the relevant NMDOH public health program.

### Getting Started

Please select a community from the list, below.

#### County COLLAPSE

Community	Page through the report	Scroll through the report	Print the report
<a href="#">Bernalillo County</a>			
<a href="#">Catron County</a>			
<a href="#">Chaves County</a>			
<a href="#">Cibola County</a>			
<a href="#">Colfax County</a>			
<a href="#">Curry County</a>			



# To navigate these reports you can...

- Select “Page through the report” so you pick what part of the report you want to see (they are pretty long!)
- Select “Scroll through the report” to see the whole report with links to other indicators.
- Select print report if you want the whole thing in PDF or for printing.

Questions?

# Activity 2 – Breakout Rooms (15 minutes)

Let's practice with the Explore Communities tab!

## Go to Community Snapshot Reports

1. Under “Step 1: Select Community” choose Taos County (feel free to play around with counties or the Race/Ethnicity options)
2. Under “Step 2: Select a Set of Health Indicators” choose “Health Status Among Young Children”
3. Select all of the options under Step 3
4. Select “Submit”. Check out the results. Does anything catch your attention?

Now **go to Community Highlights Reports** under the Explore Communities tab

1. Choose “Page through report” for Bernalillo County
2. Scroll all the way down to **Demographic Characteristics** and select “Percentage of Children Under Age 18 Living in Poverty”
3. In a separate browser tab, do the same for another county. How do they compare?

**Thank you!**

Extra stuff:

How about creating your own report?



## About Dataset Queries

Introduction

Contents and Usage

Index of Datasets

List of Data Stewards

How to Cite NM-IBIS

## Vital Records Birth and Death Data

- Birth Data
- Death Data
- Infant Mortality
- Small Area Queries (Birth & Death)
- Social Determinants of Health (Birth & Death)

## Health Surveys

- Behavioral Risk Factor Surveillance System (BRFSS)
- Pregnancy Risk Assessment Monitoring System (PRAMS)
- Youth Risk and Resiliency Survey (YRRS)

## Morbidity Data

- Cancer Incidence
- Hospital Inpatient Discharge Data (HIDD)
- Hospital Emergency Department Data (ED)
- Infectious Diseases
- Injury Hospitalizations
- Trauma Registry

## Environment Data

Explore Queries on the NMTracking.org Website

## Demographic Characteristics (county, small area, census tract)

- American Community Survey
- Population Estimates

## Special Queries

- My Query

**If you know which data source has what you need, you need the Explore Datasets tab!**

Characteristics

Services

Factors

Health Status

Search this website...



About NM-IBIS

Health Topics

Health Indicator Reports

Explore Communities

Explore Datasets

Resources



My Data

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- Hospital Inpatient Discharge Data (HIDD)
- Hospital Emergency Department Data (ED)
- Infectious Diseases
- Injury Hospitalizations
- Trauma Registry

## Environment Data

- Explore Queries on the NMTracking.org Website

## Demographic Characteristics (county, small area & census tract)

- American Community Survey
- Population Estimates

## Special Queries

- My Queries
- Secure Queries

Select BRFSS!

Characteristics

Services

Factors

Health Status

## BRFSS Configuration Selection

### Overview

COLLAPSE

#### Overview

The BRFSS collects uniform, state-specific data on preventive health practices and risk behaviors that are linked to chronic diseases, injuries, and preventable infectious diseases in the adult population. The survey is conducted using scientific telephone survey methods. Excluded are adults living in households without a landline telephone and those living in group quarters such as college dormitories, nursing homes, military barracks, and prisons. Results have been weighted to the adult population by age, gender and geographic area of residence. All fifty states, Washington D.C., Puerto Rico, U.S. Virgin Islands, and Guam participate in the survey.

The BRFSS Survey data in this IBIS-Q query module have been collected and maintained by the Survey Unit in the New Mexico Department of Health, Injury and Behavioral Epidemiology Bureau, in collaboration with the Centers for Disease Control and Prevention.

Starting in 2011, improvements were made to the BRFSS sampling (including cell phones) and weighting procedures to allow BRFSS data to better represent the New Mexico population. Data from earlier years are not comparable to data from 2011-forward. Please visit the BRFSS Factsheet page: [http://ibis.health.state.nm.us/view/docs/Query/BRFSS/BRFSS\\_fact\\_sheet\\_Aug2012.pdf](http://ibis.health.state.nm.us/view/docs/Query/BRFSS/BRFSS_fact_sheet_Aug2012.pdf) for more detail.

#### Getting Started

Click on a blue bar to open and close selections to see a list of measures available.

Health Behaviors

EXPAND

Insurance Coverage and Access to Care

EXPAND

Screening and Preventive Services

EXPAND

Chronic Diseases and Conditions

EXPAND

Injury

EXPAND

Mental Health Status

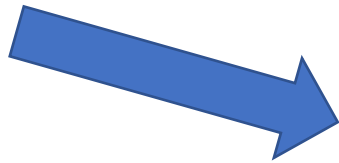
EXPAND

General Health Status and Disability

EXPAND

- Our goal will be to obtain a report of the percentage of people by county who can't access care because of cost.

→ Go to "Insurance Coverage and Access to Care"





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### Getting Started

Click on a blue bar to open and close selections to see a list of measures available.

## Health Behaviors

EXPAND

## Insurance Coverage and Access to Care

COLLAPSE

- + Health Care Coverage - All Adults
- + Health Care Coverage - Adults Age 18 to 64
- + Usual Primary Provider/Medical Home
- Unable to Get Needed Care Due to Cost
  - ☐ [Years 2011 and Later \(Crude Rate\)](#)
  - ☑ [Years 2011 and Later \(Age-adjusted Rate\)](#)
  - ☐ [Years 2004-2010 \(Crude Rate\)](#)
  - ☐ [Years 2004-2010 \(Age-adjusted Rate\)](#)

Select "Unable to Get Needed care..." and the 2011 and later age-adjusted rates

## Screening and Preventive Services

## Chronic Diseases and Conditions

## Injury

EXPAND

- Refresh Page (Restore DEFAULT Selections)
- Different Measure / Back to Selection Page
- My Saved Query Definitions List
- Save This Query Definition
- SUBMIT Query/ Get Result

## Query Builder for New Mexico's Behavioral Risk Factor Surveillance System (BRFSS) Data - Unable to Get Needed Medical Care Due to Cost, Age-adjusted

Overview EXPAND

Step 1: INDICATOR: Unable to Get Needed Medical Care Due to Cost  
*(Unable to get care)* COLLAPSE

**Select the percentage to calculate.**

- Unable to get care
- No problem getting care

Step 2: TIME PERIOD: Select Year  
*(2019, 2018)*

**Select the year or years you want to include.**

- Year

2019
2018
2017
2016
2015

Step 3: GEOGRAPHIC AREA: EXPAND

Step 4: POPULATION: Select sex EXPAND

Step 5: POPULATION: Select other demographic characteristics EXPAND

Step 6: How to display the data EXPAND  
*(Grouped By: Geography. Chart: Vertical Bar. Map: Red Scheme, Default Layers)*

**There are 6 steps:**  
**Step 1: Choose "unable to get care"**  
**Step 2: Choose 2018 and 2019 (you will get better results)**  
**Leave other steps unchanged**

MODIFY Query / Back to QueryBuilder

Different MEASURE / Back to Selection Page

My Saved Query List

Edit Saved Queries

Save This Query Definition

Output to Excel

Chart Options

# Query Results for New Mexico's Behavioral Risk Factor Surveillance System (BRFSS) Data - Unable to Get Needed Medical Care Due to Cost, Age-adjusted

## Query Criteria

COLLAPSE

<b>Percentage unable to get care because of cost vs. not unable Filter:</b>	Unable to get care
<b>Year Filter:</b>	2019, 2018
<b>Data Grouped By:</b>	County

## Map

COLLAPSE

