

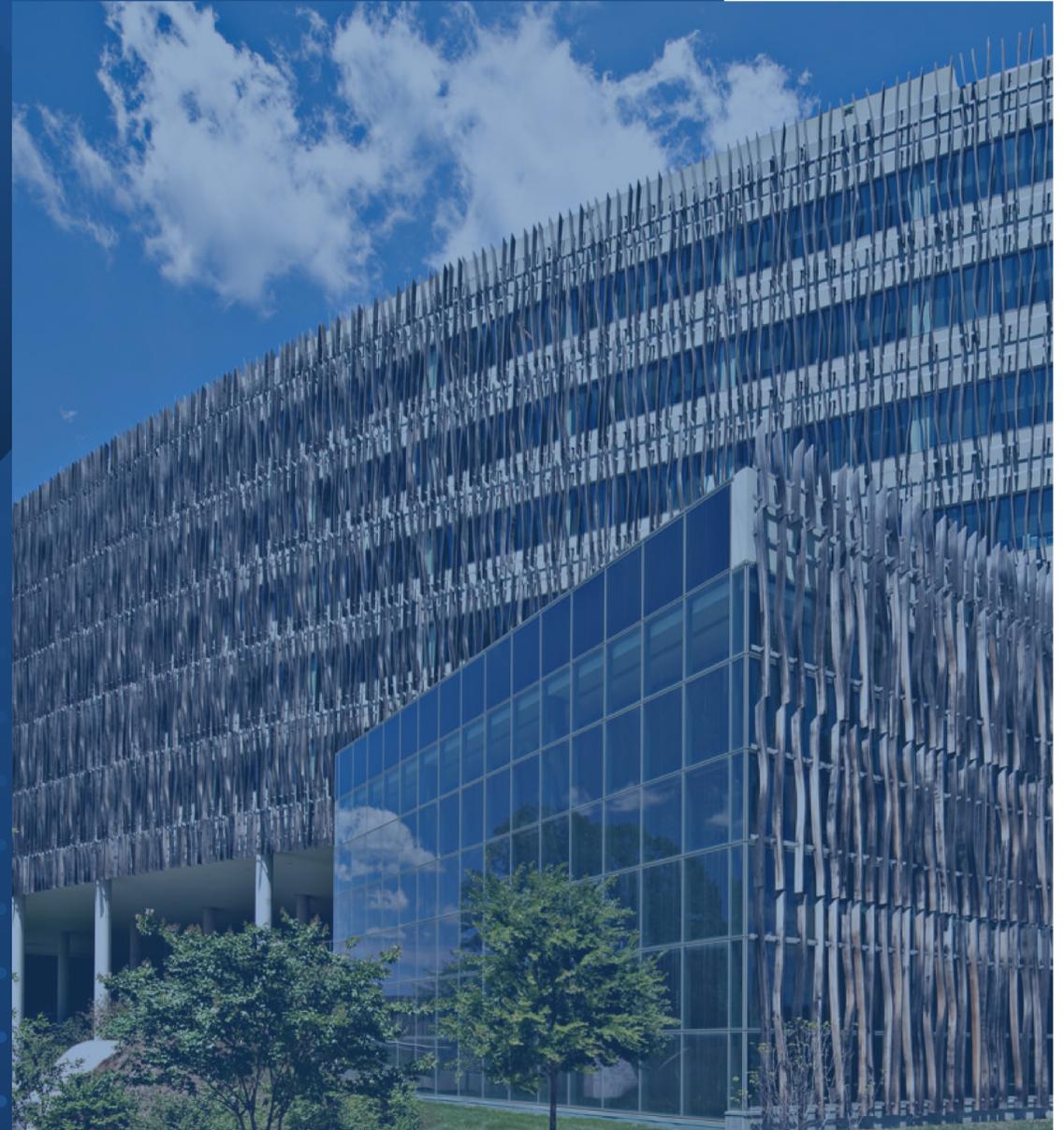
Accessing Montana Statistics

A Workshop Montana State Library

January 23, 2024

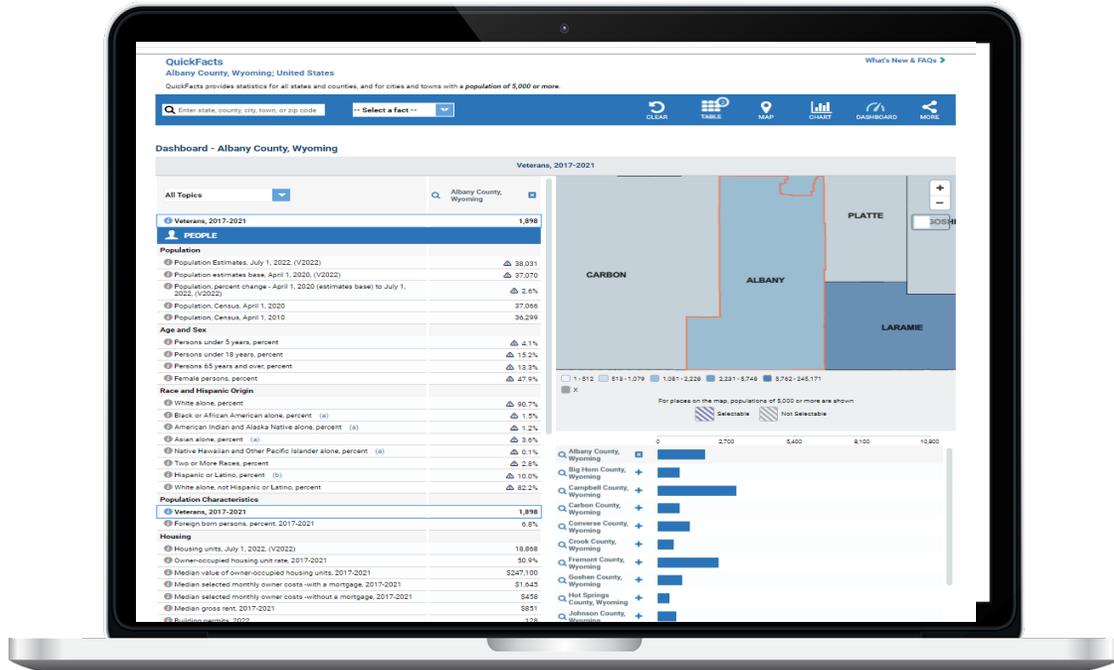
Kimberly Davis, Data Dissemination & Training Branch

U.S. Census Bureau, Data Dissemination and Training Branch



Data Dissemination & Training Branch

Bring our data experts to you: request a free data training for your organization at Census.askdata@census.gov or at 1-844-ASK-DATA



Census Academy: Your Learning Hub for Data Skills

Learn how to access and use Census Bureau data your way through our how-to Data Gem videos and in-depth courses, webinars, and tutorials.

[JOIN THE COMMUNITY](#)

Census Academy Offering online learning opportunities through:

✓ Data Gems

These short “how-to” videos are an easy and quick way to increase your knowledge of Census data. Get them in your inbox!

✓ Courses

You will learn-at-your-own-pace with these video-tutorials designed for different skill levels.

✓ Webinars

Learn about our data releases and tools while attending these live virtual interactive classes.

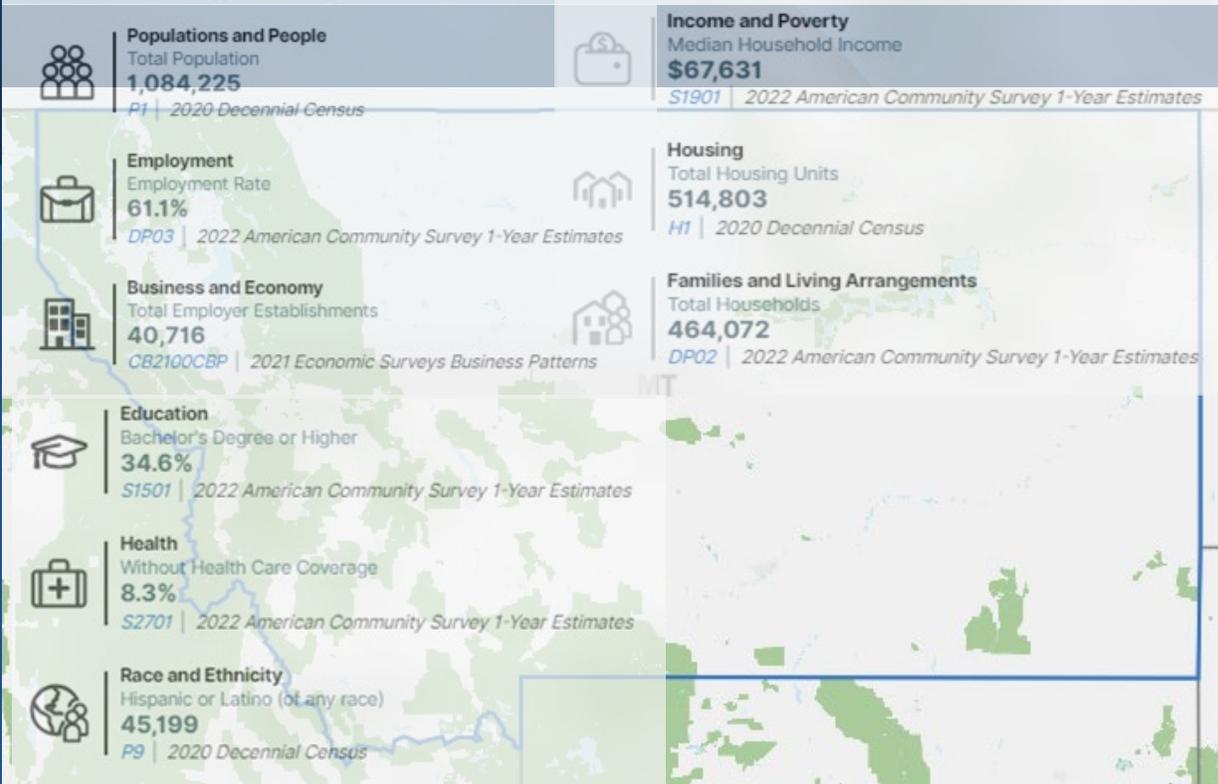
<https://www.census.gov/academy>

Objectives

- ✓ Understand data sources & topics
- ✓ Comprehend geographic levels
- ✓ Review table types
- ✓ Navigating data.census.gov

Montana

Montana has a land area of 145,509.2 square miles and a water area of 1,493.4 square miles. It is the 4th largest state by area. Montana is bordered by Idaho, South Dakota, Wyoming, and North Dakota.



Agenda

- Census Topics
- Geography Matters
- Understanding Table Types
- Navigating census.gov
 - Hands-On Exercises

Who Are We & What We Do

The Census Bureau's mission is to serve as the nation's leading provider of quality data about its people and economy.

- Operate under Title 13 and 26 of the U.S. Code
- Conduct collection on behalf of the Census Bureau and other Federal organizations
- Modernize Federal Statistics
- International Programs



<https://www.census.gov/about/what.html>

Measuring America's People, Places, and Economy

We Believe in the Power of Quality Data to Impact Public Life

Learn More 

Key Programs

- **Every 5 years**
 - Economic Census*
 - Census of Governments*
- **Every 10 years**
 - Decennial Census of Population & Housing*
- **Ongoing Surveys & Programs**
 - *American Community Survey*
 - *Current Population Survey*
 - *Combining Data*
 - *Population Estimates*

<https://www.census.gov/programs-surveys.html>

American Community Survey

- The American Community Survey (ACS) helps local officials, community leaders, and businesses understand the changes taking place in their communities. It is the premier source for detailed population and housing information about our nation.
- Surveys 3.5 million
- Helps inform how trillions of dollars in federal funds are distributed each year
- Covers 40+ topics, supports over 300 evidence-based Federal government uses, & produces 11 billion estimates each year

- Three key annual data releases:

- *1-year Estimates*

Release for geographic areas with a population of 65,000+

- *1-year Supplemental Estimates*

Release for geographic areas with a population of 20,000+

- *5-year Estimates*

Released for all areas down to a Census Tract and some Block Groups

Navigating census.gov

- **Topics** - Index of all topics A-Z, includes most searched subjects
- **Data & Maps** - Includes most used tools, full list of data tools and apps
- **Surveys & Programs** - Sources list of data collection programs
- **Resource Library** - Collection of dynamic data products, videos, infographics, facts sheets publications
- **Global Search (type in search)** - Smart search, returning information from all sources
most frequently requested data for the four subject area

The screenshot shows the United States Census Bureau website homepage. At the top left is the logo "United States Census Bureau". To the right of the logo are navigation links: "Partners", "Researchers", "Educators", and "Survey Respondents". Further right are "News", "NAICS Codes", "Jobs", "About Us", "Contact Us", and "Help". Below these are four main menu items: "Topics", "Data & Maps", "Surveys & Programs", and "Resource Library". A search bar on the right contains the text "Search data, events, resources, and more" with a magnifying glass icon. The main content area features a large blue header with the text "Measuring America's People, Places, and Economy" in white. Below this is the tagline "We Believe in the Power of Quality Data to Impact Public Life" and a "Learn More" button with a right-pointing arrow. The background of the main content area is a photograph of a residential area with green trees and a house roof under a clear blue sky.

Topics

Hover over Topics tab brings options to:

1. View All Topics and SubTopics
2. Search Index A-Z
3. Select from most sought-after topics

The screenshot shows the United States Census Bureau website. The top navigation bar includes the logo, links for Partners, Researchers, Educators, and Survey Respondents, and links for News, NAICS Codes, Jobs, About Us, Contact Us, and Help. Below this is a secondary navigation bar with 'Topics', 'Data & Maps', 'Surveys & Programs', and 'Resource Library'. A search bar is located on the right side of this bar. The 'Topics' section is active, displaying a list of subtopics. An orange bracket labeled '3.' groups the subtopics listed on the right side of the page.

United States[®] Census Bureau Partners Researchers Educators Survey Respondents News NAICS Codes Jobs About Us Contact Us Help

Topics Data & Maps Surveys & Programs Resource Library

Search data, events, resources, and more 🔍

Topics

Browse our topics and subtopics to find information and data.

1. [View All Topics and Subtopics](#) >
2. [Index A to Z](#) >
3.
 - Age and Sex
 - Business and Economy
 - Education
 - Emergency Management / Disasters
 - Employment
 - Families and Living Arrangements
 - Geography
 - Health
 - Hispanic Origin
 - Housing
 - Income and Poverty
 - International Trade
 - Migration/Geographic Mobility
 - Population
 - Population Estimates
 - Public Sector
 - Race
 - Redistricting
 - Research
 - Voting and Registration

Topics

View All Topics and SubTopics

Topics

Census Bureau statistics are now organized by themes, or topics, making it easier for you to find what you need. Each topic and subtopic lists associated data, news, and more.

Trending Topics and Subtopics

Health Insurance ⊖ Poverty ⊖ Income ⊖

All Topics and Subtopics

Business and Economy ➤

The Census Bureau produces economic data across the entire economy on a monthly, quarterly, yearly, and five-year basis.

⊖ Show Business and Economy Subtopics

Education ➤

The Census Bureau provides information on a variety of educational topics, from educational attainment and school enrollment to school costs and financing.

⊖ Show Education Subtopics

Emergency Management ➤

The U.S. Census Bureau produces timely local data that are critical to emergency planning, preparedness, and recovery efforts.

⊖ Show Emergency Management Subtopics

Employment ➤

The U.S. Census Bureau collects data that measure the state of the nation's workforce, including employment and unemployment levels, as well as weeks and hours worked.



Search Index A-Z

Index A-Z

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

Share

A

[Accommodation and Food Services Sector - Economic Census](#)

[Acquisition Management / Procurement Activities](#)

[Address List Review - Local Update of Census Addresses \(LUCA\)](#)

[Administrative and Support and Waste Management and Remediation Services Sector - Economic Census](#)

[Advance Monthly Retail Sales](#)

[Advisory Committee](#)

[African Americans - see Race](#)

Age

- [Age Data](#)
- [Age Search Information - Genealogy](#)
- [Baby Boomers](#)
- [Elderly \(65+\) / Older \(55+\) Population](#)
- [Grandparents and Grandchildren](#)

[Agricultural Census - Dept of Agriculture](#)

Within Topics



[About this Topic](#)

[America Counts: Stories](#)



[Data](#)

[News](#)

[Publications](#)

[Related Sites](#)



[Surveys and Programs](#)

[Visualizations](#)

[Working Papers](#)

Employment

The U.S. Census Bureau collects data that measure the state of the nation's workforce, including employment and unemployment levels, as well as weeks and hours worked.

Subtopics

Commuting (Journey to Work)

Commuting including means of transportation, time of departure, mean...



Employers: Private Sector

Data include the number of employer and nonemployer firms, sales and receipts...



Employers: Public Sector

Data on public sector employment and payroll measure the number of federal,...



Equal Employment Opportunity Tabulation

The EEO Tabulation, based on American Community Survey data, highlights the...



Industry and Occupation

The U.S. Census Bureau currently collects data on industry, occupation,...



Labor Force Statistics

Information about the nation's workforce, changes in employment rates and...



Public Sector Employment and Payroll

Data on the number of federal, state, and local civilian government employees an...



Work from Home

Work from home refers to a worker's usage of the home as a workplace.



U.S. ECONOMIC INDICATORS



[All Economic Indicators](#)

Business Inventories

November 2023 Report
Released January 17th, 2024

\$2,548.9 B



-0.1%

Advance Monthly Retail Sales

December 2023 Report
Released January 17th, 2024

\$709.9 B



0.6%

News

[View More](#)

[Press Release](#)

Business Formation Statistics Monthly Data Release

Geography Matters

- Geography Resources
- Geography Hierarchy
- Boundary Annexation Surveys

Within Our Surveys & Programs

[About this Program](#)

[Data](#)

[Geographies](#)

[Guidance for Geography Users](#)

[Library](#)

[Technical Documentation](#)

[Updates](#)

[Contact Us](#)

Geography Program

Geography is central to the work of the Census Bureau, providing the framework for survey design, sample selection, data collection, tabulation, and dissemination. Geography provides meaning and context to statistical data.

[Read More](#)

Featured

About

Find out more about the Geography Program at the Census Bureau.



Interactive Maps

Work with interactive mapping tools from across the Census Bureau.

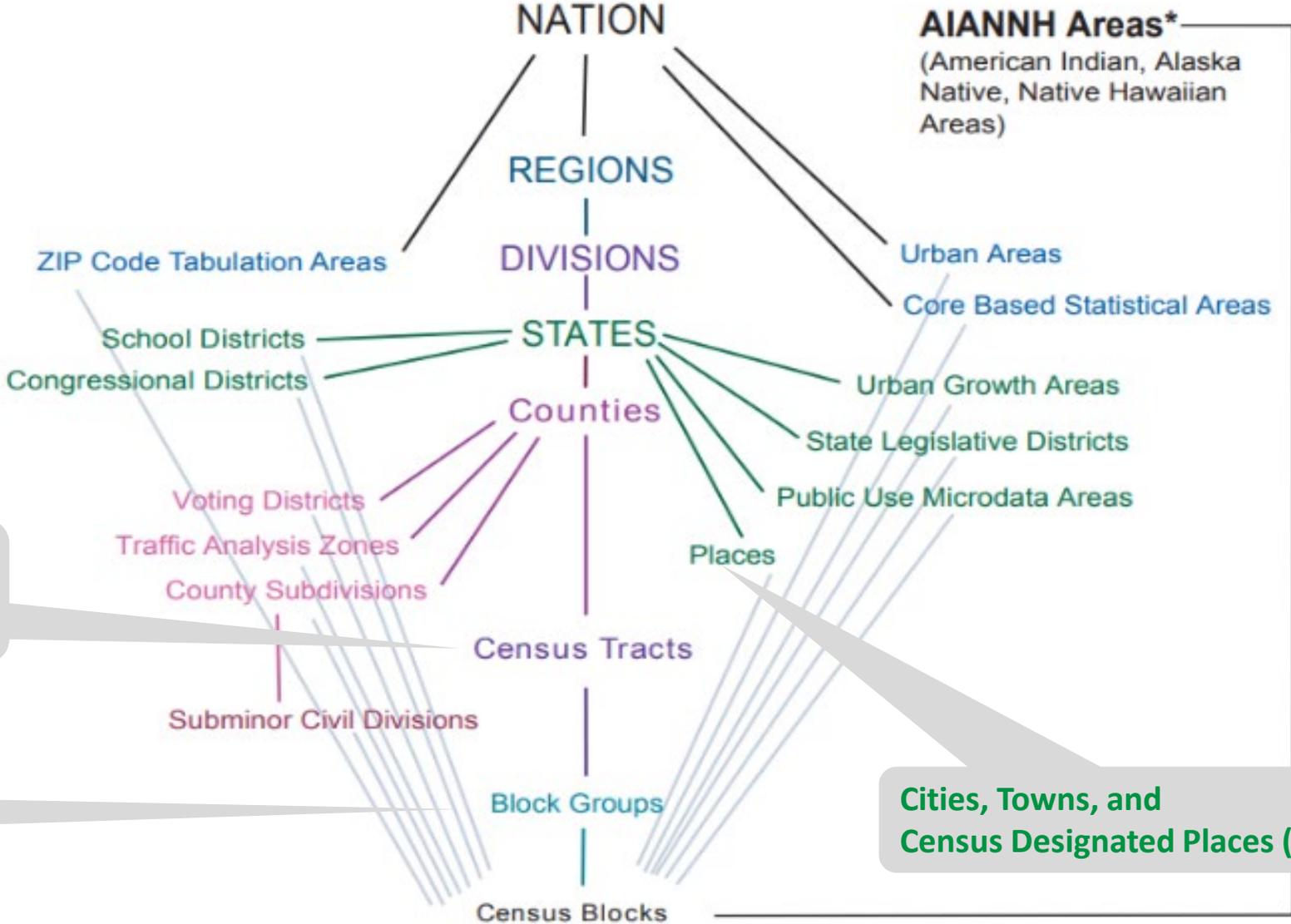


Geographic Support

 [Geographic Support Program \(GSP\) Strategic Plan – Fiscal Year 2022 Through Fiscal Year 2026 \[8.1 MB\]](#)

This GSP Strategic Plan provides a roadmap of activities and priorities for its execution for fiscal years 2022 – 2026.

Census Geography Hierarchy



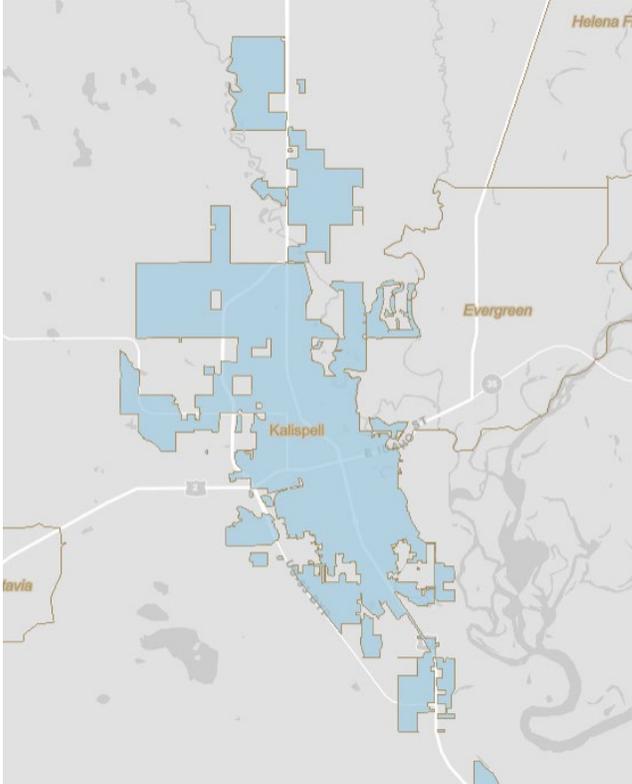
Census Tract

- 1,200 to 8,000 population (optimum 4,000)
- 480 to 3,200 housing units

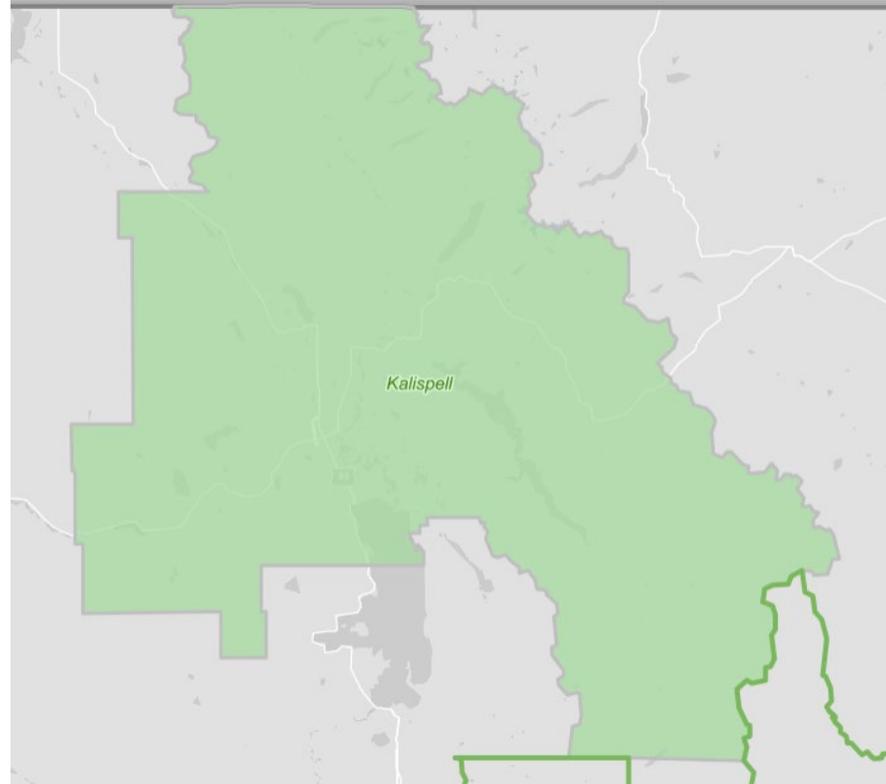
Census Block Group

- 600 to 3,000 population
- 240 to 1,200 housing units

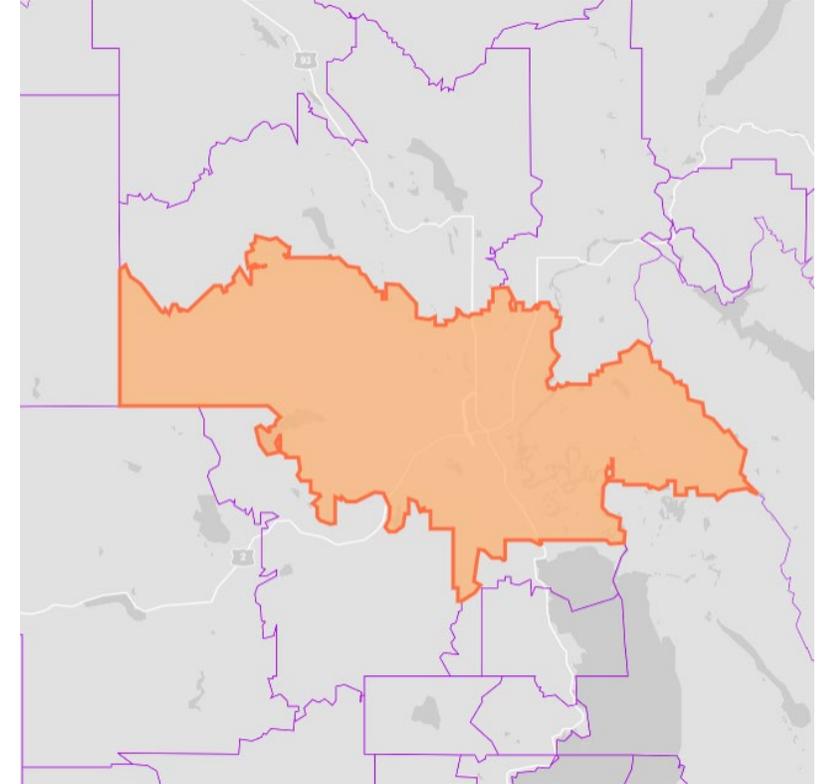
Why Geography Matters



Place Level: City of Kalispell
Population 18 yrs. + : 19,438
Veterans Status: 1,824 (9.4%)



Micropolitan Area: Kalispell
Population 18 yrs. + over: 87,543
Veterans Status: 7,795 (8.9%)



ZCTA: Kalispell 59901
Population 18 yrs. + over: 28,971
Veterans Status: 4,782 (16.5%)

Table Types

Decennial Tables

- P = Population
- H = Housing
- T0 = Detailed Demographic and Housing Characteristics File
- G State = Decennial Post-Enumeration Survey
- DP01 – Demographic Profile

Population Estimates Tables

- PEPANNRES = Annual Estimates
- NA = National Monthly Population
- NST EST = Annual Estimates

American Community Survey

- Detailed Tables
 - B – Base Table
 - C – Collapsed Table
- Subject Tables
- Ranking Tables
- Geographic Comparison Tables (GCT)
- Supplemental Tables (K20)
- Experimental Estimates (XK)
- Data Profiles (DP)
- Narrative Profile (NP)
- Comparison Profiles (CP)
- Selected Population Profile (S0201)

Decoding Table Identifiers

B 05 003 A

First digit
Identify Table Type
B = Base
DP = Data Profile
S = Subject

Next 2 digits
Identify Subject
of Table

Next 3 digits
Uniquely
Identify
Topic within
Subject area

Race Iteration
Selected Tables Only:
A = White Alone
B = Black/African American Alone
C = AIAN Alone
D = Asian Alone
E = Native Hawaiian & Other Pacific Islander Alone
F = Some Other Race Alone
G = Two or More Races
H = White Alone, Not Hispanic
I = Hispanic or Latino

Demo for finding Tables:
<https://www.census.gov/data/tables.html>

data.census.gov

data.census.gov

Explore Census Data

Learn about America's People, Places, and Economy

Type topic and/or geography here

[Help](#) [Feedback](#) [Advanced Search](#)

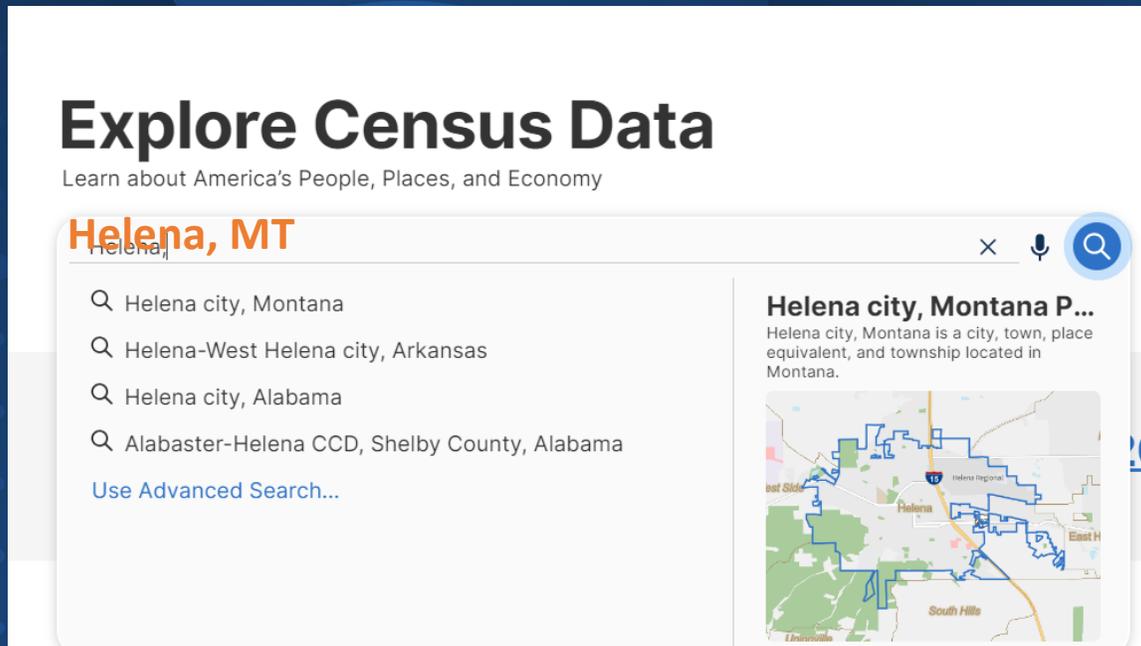
Try searching for commute in al in 201

The screenshot shows the data.census.gov website interface. At the top, there is a navigation bar with the United States Census Bureau logo (circled in orange), a search bar, and a link to "Advanced Search". Below the navigation bar, there are tabs for "All", "Tables", "Maps", "Profiles", and "Pages". A sidebar on the left contains a "0 Filters" section with a search box for filters, and two main categories: "Geography" and "Topics". The "Geography" category lists various levels of geographic hierarchy: Nation, State, County, County Subdivision, Place, ZIP Code Tabulation Area, Metropolitan/Micropolitan Statistical Area, Census Tract, Block, Block Group, and All Geographies. The "Topics" category lists: Business and Economy, Education, Employment, and Families and Living Arrangements. The main content area on the right is currently blank, with the text "Advanced Search" overlaid in the center.

Case Study 1:

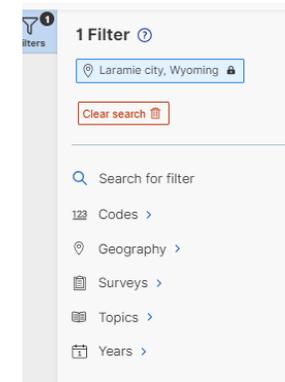
What is the population of Helena, MT?

1. Type the geographic area in the global search field:

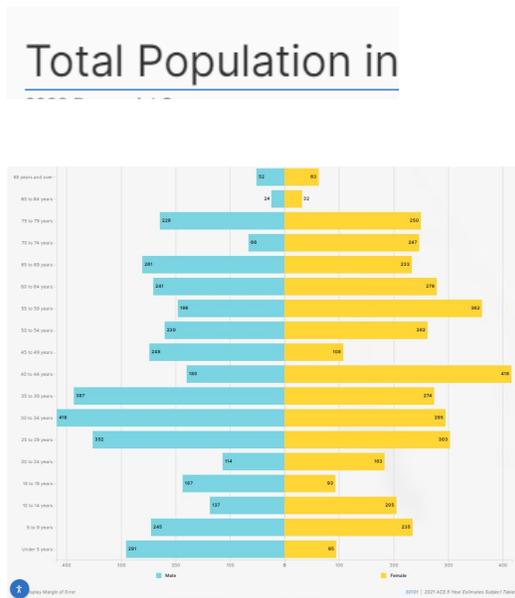


Geographic Profile

Select from the drop down or hit enter, type your place
data.census.gov returns options:



- Identifies in the Filters 1 item:
Helena, MT
- A list of tables about this geographic area, with an option to select the first table sharing 2020 Census Total Population.



- Facts, with options to [View Profile](#) or select related Searches, and scrolling down shares graphs, tables and closeup of map area.

data.census.gov

Data Profile – most frequently requested data for the four subject areas:

DP02 - Social Characteristics — includes Education, Marital Status, Relationships, Language Spoken, Grandparents...

DP03 - Economic Characteristics — includes Income, Employment, Occupation, Commuting to Work...

DP04 - Housing Characteristics — includes Occupancy and Structure, Housing Value and Costs, Utilities...

DP05 - Demographic Characteristics — includes Sex and Age, Race, Hispanic Origin, Housing Units...

Case Study 2:

I want to know the general characteristics, such as employment for Montana?

1. Type in the global search field: **DP or DP03**
2. Select geography from the Filter menu on left, select geography type: **State**
3. To narrow search, select from list that opens to the right, selecting: **Montana**

Helpful hints:

When making a geography selection, select the lowest level of geography you want to search for data.

i.e.: County, within state of Montana

Multiple like geographies in a single search.

Subject Table – provides details (sub-details) about topics.

Helpful hints:

- *Users can cross tabulate data by selecting multiple topics. i.e.: veterans, disability, education.*
- *However, may experience no results if too many topics are listed for cross-tabulations due to privacy disclosure/ compromise identity.*

Case Study 3:

For all counties in Montana, how many veterans are disabled and what is the education level of the veterans?

1. Using Filter Menu, make selections for 1 geography type, with multiple geographies.
 1. Select **Counties**
 2. within **Montana**
 3. From the filtered list, select **All Counties within Montana**
2. Using Topics in Menu Filter,
 1. Select **Population and People**
 2. From the sub-topic list **Veterans**

THANK YOU!

Measuring America—People, Places, and Economy

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www.census.gov



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