



**MSL Learn Webinar Series**  
Montana Census Data Demonstration and Tour  
March 5, 2024

# How We Gather



- Rename with Name and Library or Town
- Share Questions in Chat
- Raise Hand to Speak

# Today's Hosts

**Dave Ritts**

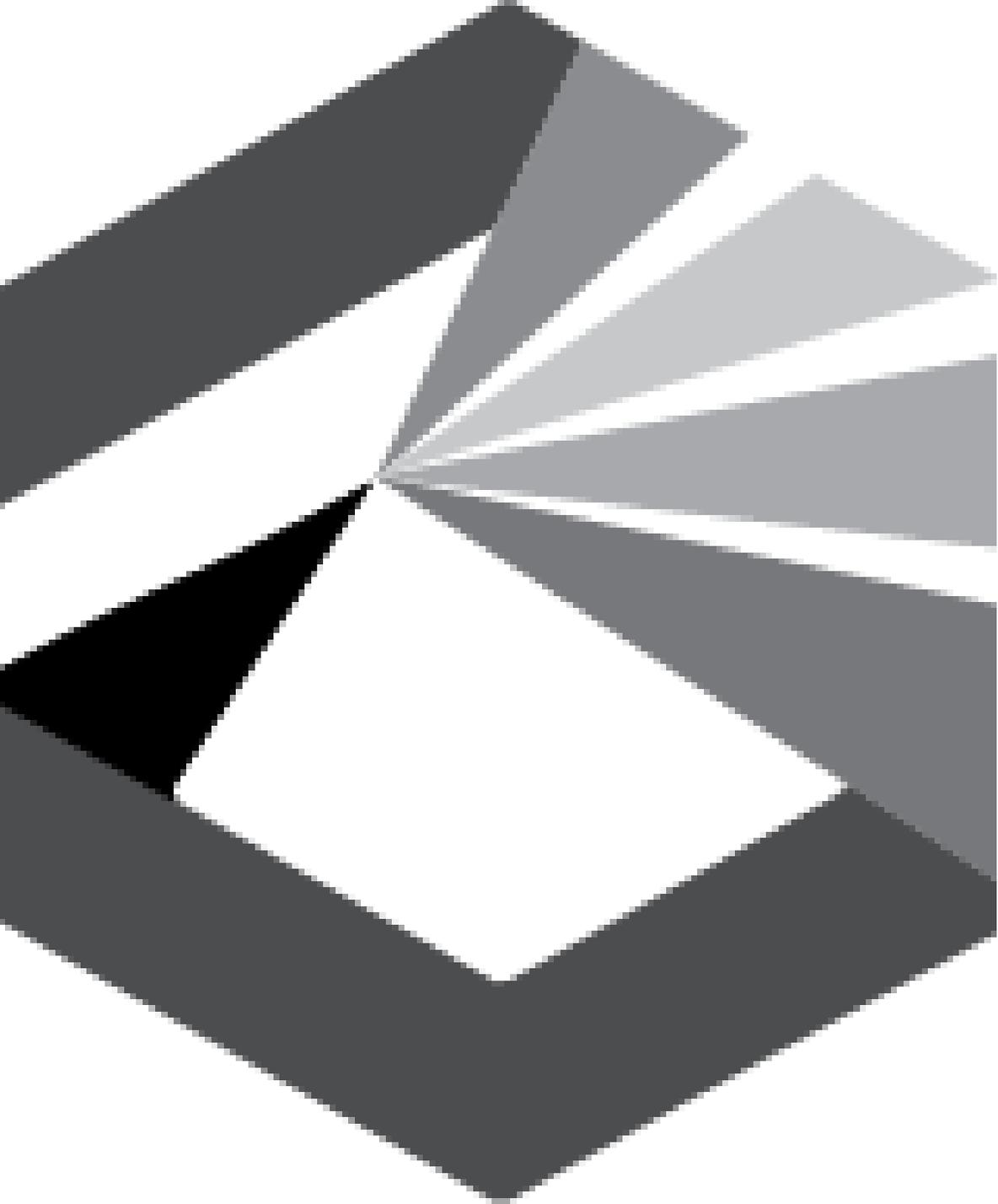


Montana Department of Commerce -  
GIS Analyst

**Colet Bartow**



MSL Continuing  
Education Coordinator  
(Colet rhymes with Olay)



## Today's Agenda

Purpose

Demonstration

Resources

# Census & Economic Information Center

CEIC.MT.GOV



# Census & Economic Information Center

- Montana Department of Commerce
- Provide **Economic** and **Demographic** analysis, data, maps and expert assistance to meet the needs of the people in the State of Montana
- **State Data Center** liaison to U.S. Census Bureau for monitoring geographic boundaries and outreach.

# Federal Surveys & Programs

## U.S. Census Bureau

- Decennial Census
- American Community Survey (ACS)
  
- Population & Housing Estimates Program
- Current Population Survey (CPS)
- Small Area Income and Poverty
- Many more...

## Bureau of Labor Statistics (BLS)

- Consumer Price Index (CPI)
- Quarterly Census of Employment & Wages (QCEW)

## Bureau of Economic Analysis (BEA)

- Gross Domestic Product (GDP)
- Personal Income

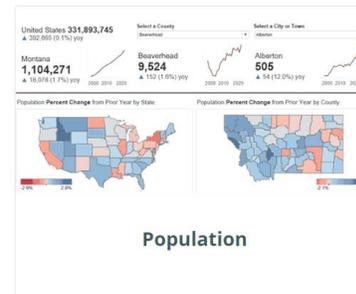
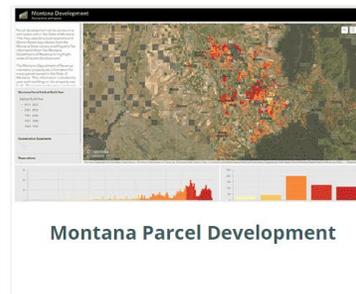
# CEIC.MT.GOV



## WELCOME TO THE CENSUS AND ECONOMIC INFORMATION CENTER

The Census and Economic Information Center (CEIC) is located within the Montana Department of Commerce, is part of the Research and Information Services Bureau (RIS) and is the official State Data Center (SDC) for the state.

We are regularly updating the site with new data and tools — check back often! If you don't see what you need, please use the [Contact Page](#) to submit a request. We will be happy to help.

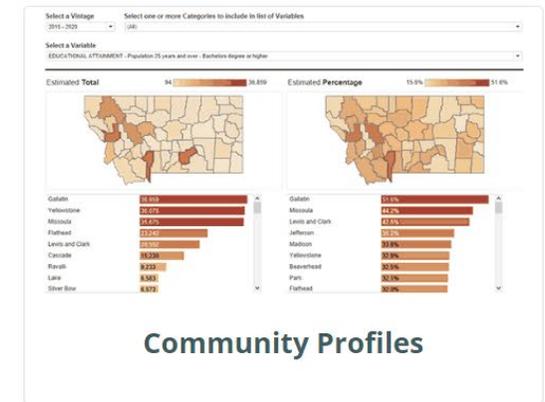
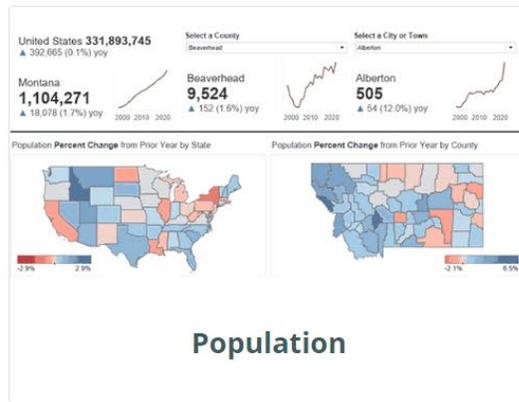


The Census and Economic Information Center provides current, easily accessible, and thorough economic and demographic analysis, data, maps, and expert assistance to meet the needs and requests of the people in the State of Montana. CEIC was established by legislation in 1981 [Montana Code Annotated §90-1-109](#).

# People & Housing

## PEOPLE AND HOUSING

Here you will find information on people and housing in Montana. Contents include dashboards, population projections, downloadable data sets, maps and links to partners.



# Population

## Population U.S. Census Bureau - Population Estimates Program

2022  
current year

United States **333,287,557**  
▲ 1,256,003 (0.4%) yoy

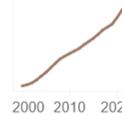
Select a County

Beaverhead

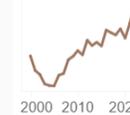
Select a City or Town

Alberton town

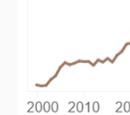
Montana  
**1,122,867**  
▲ 16,640 (1.5%) yoy



Beaverhead  
**9,719**  
▲ 187 (2.0%) yoy



Alberton town  
**524**  
▲ 19 (3.8%) yoy



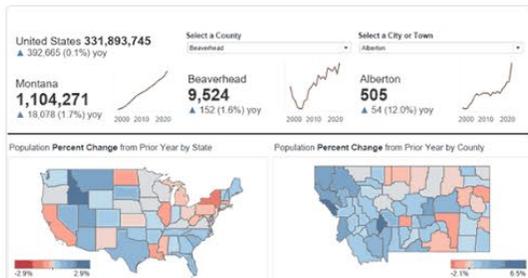
1	California	39,029,342
2	Texas	30,029,572
3	Florida	22,244,823
4	New York	19,677,151
5	Pennsylvania	12,972,008

1	Yellowstone	169,852
2	Gallatin	124,857
3	Missoula	121,041
4	Flathead	111,814
5	Cascade	84,864

1	Billings	119,960
2	Missoula	76,955
3	Great Falls	60,382
4	Bozeman	56,123
5	Butte-Silver Bow	35,416

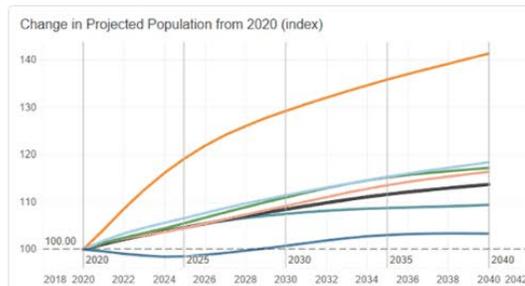
Data Source: Population total and intercensal tables, Population and Housing Unit Estimates Program, U.S. Census Bureau. Year over year (yoy) represents numeric and percent difference between current year and prior year population.

[Click here for mobile view](#)



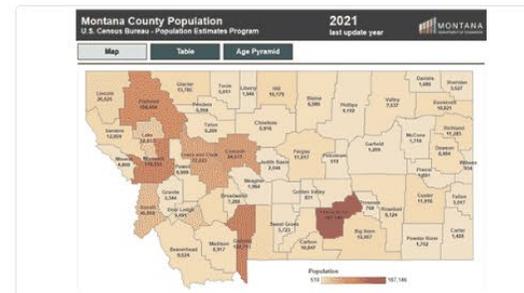
### Montana Population

Population for State, County and Place



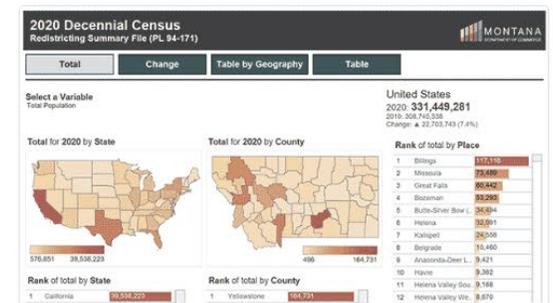
### Montana Population Projection

Montana Population Projections (REMI) by County, Age and Race



### Montana County Population

County Population by Age and Race



### Montana 2020 Census Population and Housing Units

Population by Race, Hispanic Origin, 18 years and older and Group Quarters



# Housing

## HOUSING RESOURCES

**Montana Housing Situation Report**  
Population Analysis

**+18,596** ▲ 1.3%  
Population since 2021

**+15,123** ▲ 5.4%  
Households since 2021

**+7,251** ▲ 1.6%  
Housing Units since 2021

**-7,872**  
Housing Unit Deficit since 2021

**9,587**  
Available Housing Units in 2022

**-1,775** ▼ -18.6%  
Available Housing Units since 2021

**Why is Montana's population growing?**  
Statistical Adjustments: 62K  
Natural Change: 13,995  
Net Migration: 21,007  
Population Change: 35,002

**Montana Housing Situation Report**  
Housing Inventory and Affordability Analysis

**Housing Trend**  
American Community Survey (ACS) 5-Year Data Profile

2017-2021  
Vintage

Housing Trend | Housing Cost Trend | Housing Rank | Table by Geography | Table by Variable

Select Geography Level: State | Select Geography Name: Montana | 2016 | 2021

**Total Housing Units**  
Total housing units: 491,439

**Median House Value (\$)**  
Median House Value (\$): 189,700

**Housing Units by Occupancy Status**  
Occupied: 84.6%  
Vacant: 15.4%

**Percentage of Housing Units by House Value**  
Less than \$50,000: 18.1%  
\$50,000 to \$99,999: 6.8%  
\$100,000 to \$149,999: 12.4%  
\$150,000 to \$199,999: 17.7%

**Montana Housing Characteristics**  
American Community Survey 5-Year Data Profiles

**Montana Development**  
Montana

Map of Earliest Build Year by Parcel

Montana Development Pattern

**Montana Structures per Square Mile**

Map of built structures per square mile

Montana Structure Density

# Community Profiles

Select a Variable: EDUCATIONAL ATTACHMENT - Population 25 years and over - Bachelor's degree or higher

Estimated Total: 118,168 | Estimated Percentage: 24.8%

California: 1,200,561 | District of Columbia: 10.8%

Texas: 1,007,450 | Massachusetts: 10.6%

New York: 1,000,440 | Colorado: 9.9%

Florida: 1,018,420 | Vermont: 8.8%

Illinois: 1,281,410 | Maryland: 10.8%

Pennsylvania: 1,200,380 | New Jersey: 10.8%

New Jersey: 1,200,380 | Virginia: 10.2%

North Carolina: 1,200,380 | Connecticut: 10.8%

Ohio: 1,200,380 | New Hampshire: 10.8%

**ACS 1-Year Data Profile Viewer**  
American Community Survey, U.S. Census Bureau  
Social Economic, Housing and Demographic Characteristics for **Nation and States**

Select a Variable: EDUCATIONAL ATTACHMENT - Population 25 years and over - Bachelor's degree or higher

Estimated Total: 94 | Estimated Percentage: 15.6%

Golden: 10,012 | Missoula: 11.4%

Yellowstone: 10,074 | Lewis and Clark: 11.2%

Missoula: 10,074 | Jefferson: 10.7%

Flathead: 10,074 | Madison: 10.8%

Lincoln and Clark: 10,074 | Yellowstone: 10.8%

Cascade: 10,074 | Beaverhead: 10.3%

East: 10,074 | Park: 10.3%

Lake: 10,074 | Flathead: 10.8%

Silver Bow: 10,074

**ACS 5-Year Data Profile Viewer**  
American Community Survey, U.S. Census Bureau  
Social Economic, Housing and Demographic Characteristics for **Counties, Cities, Reservations, State Legislative Districts, School Districts, and Census Tracts**

## Montana

Montana has a total area of 145,550 square miles and a water area of 1,615.4 square miles. It is the 10th largest state by area. Major cities include Billings, Great Falls, Helena, Missoula, and Butte.

- Population and Housing: 1,084,225
- Income and Poverty: \$53,348
- Education: 84.8%
- Health: 88.9%
- Insurance and Unemployment: 14.8%

**Montana Community Profiles**  
U.S. Census Bureau Profiles by state, county, reservation, city, town, congressional district and zip code tabulation area

All Topics | Montana | United States

Population Estimates, July 1 2021, (V2021): 1,194,271

**PEOPLE**

Population Estimates, July 1 2021, (V2021): 1,194,271

Population estimates base, April 1, 2020, (V2021): 1,084,225

Population, percent change - April 1, 2020 (estimates base) to July 1, 2021, (V2021): 1.0%

Population, Census, April 1, 2020: 1,084,225

Population, Census, April 1, 2010: 988,415

**Age and Sex**

Persons under 5 years, percent: 5.3%

Persons under 18 years, percent: 21.3%

Persons 65 years and over, percent: 19.6%

Female persons, percent: 49.4%

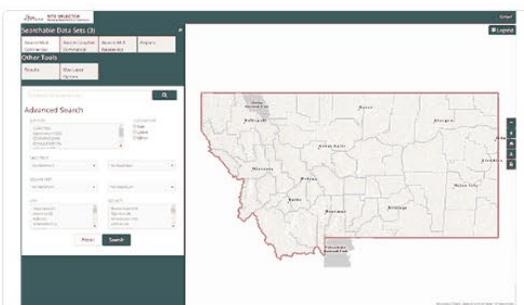
**Race and Hispanic Origin**

White alone, percent: 83.7%

Black or African American alone, percent: 0.6%

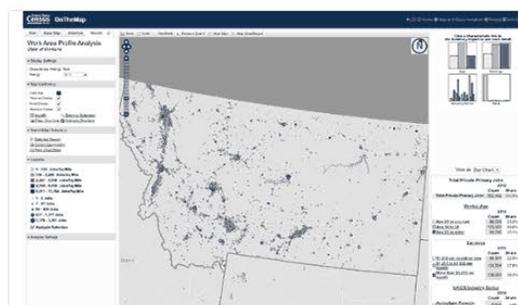
**Quick Facts**  
U.S. Census Bureau

# Community Profiles



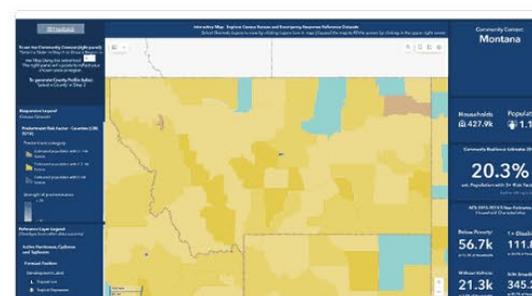
## Montana Site Selector

Community Profile Reports (ESRI, U.S. Census) and Real Estate (MLS)



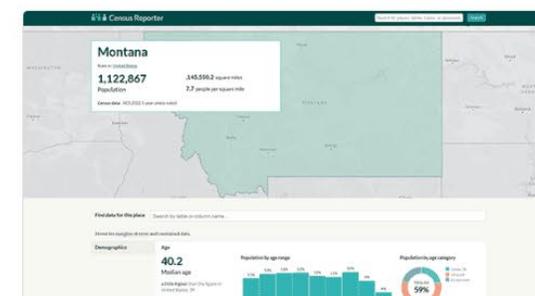
## U.S. Census - On The Map

LEHD, U.S. Census Bureau - Employment and Jobs



## U.S. Census - Community Explorer

U.S. Census Bureau - Emergency Response



## Census Reporter

CensusReporter.org - Public resource for Community Profiles

# Other Data Resources

## DATA RESOURCES

Explore links to internal and external data resources of demographic, economic and social characteristics for the State of Montana.

## PRIMARY DATA RESOURCES



**CENSUS & ECONOMIC INFORMATION CENTER - GIS RESOURCES**

Census & Economic Information Center  
Montana Department of Commerce

The Census and Economic Information Center (CEIC) within the Montana Department of Commerce provides economic and demographic maps, data, analysis and assistance to meet needs and requests of the citizens of Montana. Please use the search features below to find GIS data products made available by CEIC.

Search by keyword

Explore by Category

- Montana Department of Commerce
- American Community Survey
- Decennial Census
- All Open Data

Regions and locations defined by divisions in the Montana Department of Commerce

ACS Demographics by Type geography

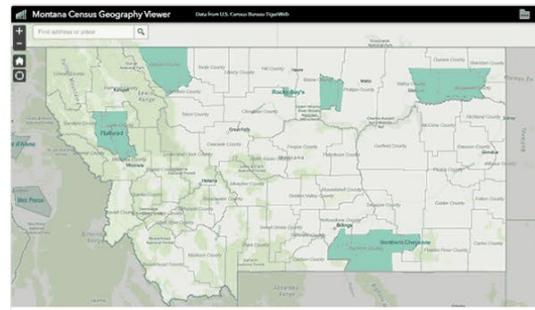
Decennial Census Demographics by Type geography

All CEIC Open Data

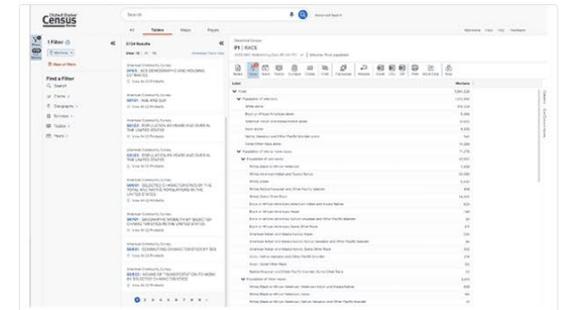
**Open GIS Data**  
Montana Department of Commerce



**2020 Census Blocks for Montana**  
GIS Format Census Blocks  
Montana State Library



**Montana Census Geography Viewer**  
Montana Department of Commerce



**Census Data**  
Decennial Census, ACS, Population Estimates  
U.S. Census Bureau

# Data.Census.Gov

data.census.gov/table?q=DP02&g=9500000US3006320\_9700000US3001860,3012420

United States Bureau

DP02

Advanced Search

United States Bureau

All **Tables** Maps Profiles Pages

Apps Help FAQ Feedback

Filters: DP02 | Selected Social Characteristics in the United States

Notes Geos Topics Codes Dataset Year Hide Transpose Margin of Error Restore Excel CSV ZIP Cite Share Print Map

Choteau Elementary School District, Montana | Alberton K-12 Schools, Montana

Label	Estimate	Margin of Error	Percent	Percent Margin of Error	Estimate	Margin of Error	Percent
<b>EDUCATIONAL ATTAINMENT</b>							
Population 25 years and over	1,929	±150	1,929	(X)	1,419	±174	1,419
Less than 9th grade	57	±49	3.0%	±2.5	15	±14	1.1%
9th to 12th grade, no diploma	84	±36	4.4%	±1.9	42	±23	3.0%
High school graduate (includes equivalency)	752	±136	39.0%	±6.2	344	±77	24.2%
Some college, no degree	482	±109	25.0%	±5.0	444	±126	31.3%
Associate's degree	74	±33	3.8%	±1.8	159	±55	11.2%
Bachelor's degree	359	±90	18.6%	±4.5	294	±66	20.7%
Graduate or professional degree	121	±73	6.3%	±3.9	121	±40	8.5%
High school graduate or higher	1,788	±142	92.7%	±3.0	1,362	±171	96.0%
Bachelor's degree or higher	480	±117	24.9%	±6.2	415	±79	29.2%
<b>VETERAN STATUS</b>							
Civilian population 18 years and over	2,102	±173	2,102	(X)	1,564	±191	1,564
Civilian veterans	147	±48	7.0%	±2.4	134	±46	8.6%
<b>DISABILITY STATUS OF THE CIVILIAN NONINSTITUTIONALIZED POPULATION</b>							
Total Civilian Noninstitutionalized Population	2,610	±276	2,610	(X)	1,988	±256	1,988
With a disability	430	±85	16.5%	±3.1	295	±69	14.8%
Under 18 years	597	±151	597	(X)	424	±127	424
With a disability	65	±39	10.9%	±6.3	30	±25	7.1%
18 to 64 years	1,373	±173	1,373	(X)	1,145	±178	1,145
With a disability	172	±54	12.5%	±3.6	134	±46	11.7%
65 years and over	640	±80	640	(X)	419	±74	419
With a disability	193	±82	30.2%	±10.5	131	±40	31.3%

# Links from Live Webinar Chat

- [Census and Economic Information Center](#)
- [People and Housing](#)
- [MT County Population](#)
- [Recording from US Census Data Webinar in January](#)
- [Montana Parcel Development](#)
- [Community Profiles](#)
- [Data Resources](#)

# Questions? ceic.mt.gov

Dave Ritts – [Dave.Ritts@mt.gov](mailto:Dave.Ritts@mt.gov) - 841-2030

Make data request via Contact page  
[ceic.mt.gov/contact](http://ceic.mt.gov/contact)





## Information and News Sources

- [MSL Website](#)
- [MSL Newsletters](#)
- [MSL Help Desk](#)
- [ASPeN Events Calendar](#)
- [MSL Learn](#)
- [MSL YouTube Channel](#)
- [Email/call any MSL staff member](#)

# MSL YouTube Channel

- Look for the MSL Learn Webinar Series Playlist
- Access new recordings
- Subscribe!

**Montana State Library**  
@montanastatelibrary 157 subscribers 131 videos  
The Montana State Library helps all organizations, communities, and Mont... >  
msl.mt.gov

HOME VIDEOS PLAYLISTS COMMUNITY CHANNELS ABOUT

### MSL Meetings

State Library Commission Meeting	2023 Public Library Standards Task Force Meeting	MT Land Information Advisory Council	Network Advisory Council Meeting:
October 11, 2023, at 9:30 a.m. Ace Stillwater Civic Center, Columbus, MT and Zoom	August 22, 2023 at 9:00 a.m. Zoom	June 23, 2023	February 1, 2023   9:30 am
55 videos	2 videos	14 videos	25 videos
<b>MSL Commission Meetings</b> Public · Playlist Updated 5 days ago <a href="#">View full playlist</a>	<b>2023 Public Library Standards Task Force</b> Public · Playlist <a href="#">View full playlist</a>	<b>Montana Geospatial Information Advisory Council</b> Public · Playlist <a href="#">View full playlist</a>	<b>Network Advisory Council (NAC)</b> Public · Playlist <a href="#">View full playlist</a>

### Learn with MSL

MSL Learn Webinar Series	Tiny Tech Trainings	Montana Shared Catalog	2023-24 MLN Virtual Programming Series	Webside Chats
Hosted by Pam Healey	Tiny Tech Training https://www.mt.gov/mtlib			
20 videos	10 videos	4 videos	2 videos	
<b>MSL Learn Webinar Series</b> Public · Playlist Updated 7 days ago <a href="#">View full playlist</a>	<b>Tiny Tech Trainings</b> Public · Playlist <a href="#">View full playlist</a>	<b>Montana Shared Catalog</b> Public · Playlist <a href="#">View full playlist</a>	<b>2023-24 MLN Virtual Programming Series</b> Public · Playlist Updated 4 days ago <a href="#">View full playlist</a>	<b>Webside Chats</b> Public · Playlist Updated 3 days ago <a href="#">View full playlist</a>

# MSL Evaluation Survey



# Up Next – Check the ASPeN Calendar



March 12

Partners: Sharing Groups, Collections, Processes, Possibilities



March 19

OCLC: How to update your library's information in WorldCat



March 20

Webside Chat



March 22

Learning about Libraries and the Montana Legislature

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