



BUREAU OF BUSINESS
& ECONOMIC RESEARCH

The Art & Science of Data January 13, 2021

Access Census Data (ACS, Economic Census & Microdata) through the New Tool
[Data.Census.Gov](https://data.census.gov)

PREPARED BY UNM BUREAU OF BUSINESS AND ECONOMIC RESEARCH

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Census Bureau 101

DATA, Data, and more data!

Agenda:

- Decennial Census
 - Just a little background
 - Census 2020 data update
- More than **JUST** Decennial Census
 - Census data basics
 - Census Geographies
 - Census Products
 - Hands on Data.Census.Gov
 - Basics on the search
 - How to select All Tribal Areas within New Mexico



About the US Census Bureau



1790 First
Census count

Mandated by the U. S. Constitution to count the population every 10 years to apportion seats in the U.S. House of Representatives.

Both George Washington and Thomas Jefferson expressed skepticism over the final count, expecting a number that exceeded the 3.9 million inhabitants counted in the census.



2020 Census Update

Data not expected to be released until February.

P.L. 94-171 Redistricting Data

Products available will be:

P1-Race

P2-Race for voting age

P3 - Hispanic and Race

P4 - Hispanic and Race voting age

H1 - Occupancy Status Housing

P5 - Group Quarters Pop

This is different as it is a 1 time release will all geographies

These files are sent to Governors, legislative leadership and Redistricting Commissions if they exist. Then released publicly in data.census.gov

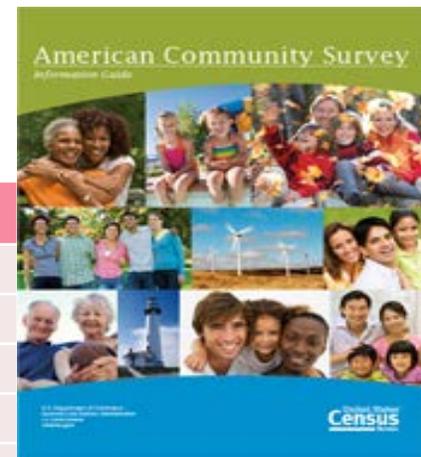


More than just the decennial census

Census Bureau Products - Programs

- Decennial Census
- American Community Survey
- Small Area Income and Poverty Estimates
- Census Population Estimates
- Economic Census
- Survey of Business Owners
- Nonemployer Statistics
- Economic Indicators
 - (Several surveys, construction, manufacturing etc.)
- Census of Governments
- Survey of Income and Program participation
- Annual Survey of Schools System Finances
- Current Population Survey



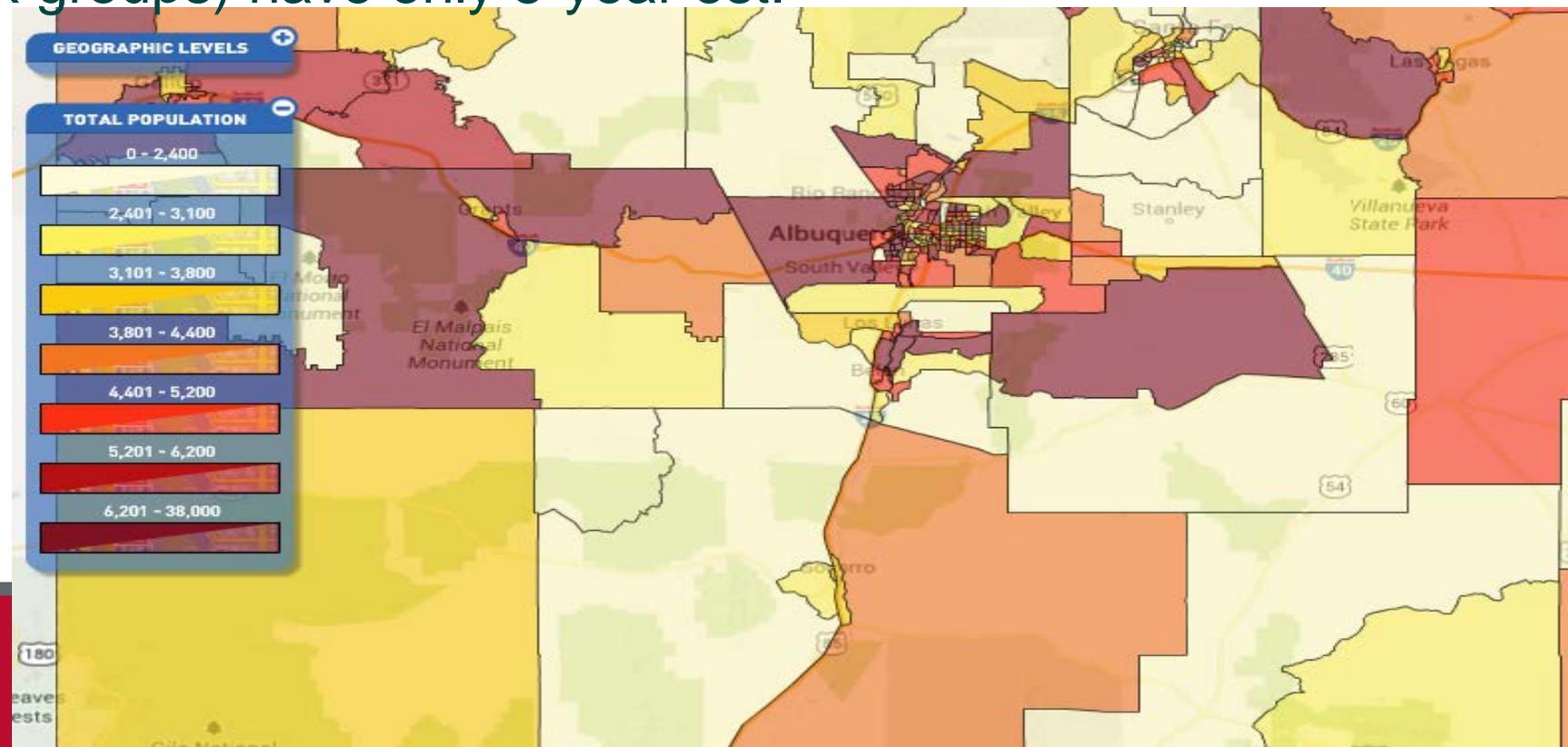


Demographic	Economic	Housing
Age Sex Race	Income	Year Built
Hispanic Origin	Food Stamp Benefit	Units in Structure
Rel. to Householder	Labor Force Status	Year Moved into Unit
	Industry	Room Bedrooms
Social	Occupation	Kitchen Facilities
Marital Status/History	Class of Worker	Plumbing Facilities
Fertility Ancestry Disability	Place of Work	House Heating Fuel
Grandparents as Caregivers	Journey to Work	Telephone Serv. Available
Place of Birth	Work Status Last Year	Farm Residence
Citizenship	Vehicles Available	Tenure (Owner/Renter)
Year of Entry	Health Ins. Coverage	Housing Value
Language Spoken at Home		Rent
Educational Attainment		Monthly Owner Costs
School Enrollment		
Residence 1 Year Ago		
Veteran Status		
Period of Military Service		
VA Service-Connected Disability		

With a decennial census you can only change questions every ten years. With ACS they can modify/add/delete questions more easily. Leads to consistency issues over time.

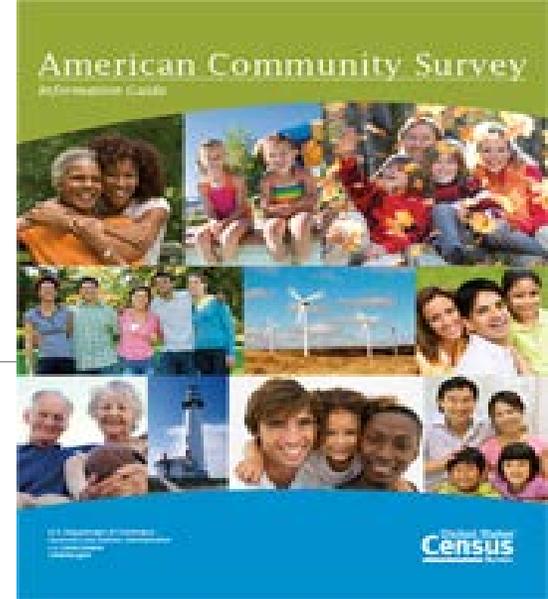
ACS Geography and Time

- Areas of 65,000 or more have 1-yr and 5-yr est.
- Areas of 20,000 or more have 5-year est.
- Most Counties in NM only have 5-year est.
- Census tracts (and block groups) have only 5-year est.



Census Products

- Data Profiles (start with these to find statistics: table ID starts with 'DP')
- Comparison profiles (across years: table ID starts with 'C')
- Selected population profile tables
(race, ethnic, ancestry, tribal groups: table ID start with 'S').
- Subject tables (also start with 'S')
- Detailed tables (2020 will see fewer tables)
- Public use microdata sample file (40% sample of ACS file, create crosstabs)



How to find more information on ACS

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

Most important is the list of tables under:

- ➔ Technical Documentation
 - ➔ Code Lists, Definitions, and Accuracy
 - ➔ Table Shells and Table List
- 2019 ACS Table List

https://www2.census.gov/programs-surveys/acs/tech_docs/table_shells/table_lists/2019_DataProductList.xlsx



Data Access

data.census.gov

Feel free to do Hands on with me.

Tutorials are available at census.gov/academy

The rest of the slide show is to provide some simple assistance for you when if you want to review stuff.



Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.

 Find Tables, Maps, and more ...

SEARCH

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



The screenshot shows a laptop displaying the Census data interface. The main heading is "ACS DEMOGRAPHIC AND HOUSING ESTIMATES". Below this, there is a table with columns for "NAME", "AGE GROUP", "SEX", and "PERCENTAGE OF POP". The table contains several rows of data, including "Total Population", "White", "Black", "Hispanic or Latino", "Asian", "Native Hawaiian or Other Pacific Islander", and "Two or more races".

NAME	AGE GROUP	SEX	PERCENTAGE OF POP
Total Population	18-24	Male	12.5%
White	25-34	Female	15.2%
Black	35-44	Male	8.7%
Hispanic or Latino	45-54	Female	10.1%
Asian	55-64	Male	3.4%
Native Hawaiian or Other Pacific Islander	65-74	Female	0.2%
Two or more races	75-84	Male	1.8%

Tables

Check out our new table display which allows you to dynamically add geographies, topics, or any applicable filters. You can reorder, pin, and hide columns all with simple drag and drop functionality. Tab through different tables to make sure you found the right one, customize it, and then download multiple vintages of it quickly. If you don't see a functionality you need, find a bug, or have a comment, drop us a line at [census@bureau.gov](#).

Simple search “New Mexico Population”

The screenshot shows the United States Census Bureau search interface. At the top, the search bar contains 'new mexico population' and a 'SEARCH' button. Below the search bar, there are navigation tabs for 'ALL', 'TABLES', 'MAPS', and 'PAGES'. The 'ALL' tab is selected. The search results show 'About 4,768 results | Filter'. A prominent result box displays '2,096,829 Total Population in New Mexico' with a source link to the American Community Survey. To the right, a 'New Mexico Profile' card provides additional statistics. Below these, a 'Tables' section lists several data tables, including 'ACS DEMOGRAPHIC AND HOUSING ESTIMATES', 'TOTAL POPULATION', and 'AGE AND SEX'. A 'Related Searches' section on the right side of the results area lists various topics like 'New Mexico Business and Economy' and 'New Mexico Education'.

United States Census Bureau

new mexico population

SEARCH

ALL TABLES MAPS PAGES

About 4,768 results | Filter

EXPLORE DATA

2,096,829 Total Population in New Mexico

Source 2019 American Community Survey 1-Year Estimates
https://www.census.gov/programs-surveys/acs/

EXPLORE DATA

New Mexico Profile

New Mexico has a total area of 121,269.4 square miles, including 291.7 square miles of water, making it the 5th-largest state by area.

Tables

ACS DEMOGRAPHIC AND HOUSING ESTIMATES
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010 Table: DP05

TOTAL POPULATION
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010 Table: B01003

TOTAL POPULATION
Survey/Program: Decennial Census
Years: 2010 Table: P1

AGE AND SEX
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010 Table: S0101

Related Searches

- New Mexico Business and Economy
- New Mexico Education
- New Mexico Employment
- New Mexico Families and Living Arrangements
- New Mexico Government
- New Mexico Health
- New Mexico Housing
- New Mexico Income and Poverty
- New Mexico Populations and People
- New Mexico Race and Ethnicity

Note: Tables, Maps Pages.
On the side is the Profile

Click on “TABLES”
at the top right



Table lists – 2,125 for NM



× SEARCH

[ALL](#)
[TABLES](#)
[MAPS](#)
[PAGES](#)

CUSTOMIZE TABLE

2125 Results

[FILTER](#) | [DOWNLOAD](#)

ACS DEMOGRAPHIC AND HOUSING ESTIMATES
 Survey/Program: American Community Survey
 Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
 Table: DP05

TOTAL POPULATION
 Survey/Program: American Community Survey
 Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
 Table: B01003

TOTAL POPULATION
 Survey/Program: Decennial Census
 Years: 2010
 Table: P1

AGE AND SEX
 Survey/Program: American Community Survey
 Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
 Table: S0101

POPULATION BY SEX
 Survey/Program: American Community Survey
 Years: 2019,2018,2017,2016,2015,2014

Columns

Cell/Column Notes

	New Mexico		
Label	Estimate	Margin of Error	Percent
<div style="font-size: 18px;">▼</div> SEX AND AGE			
<div style="font-size: 18px;">▼</div> Total population	2,096,829	*****	2,096,829
Male	1,036,708	±3,586	49.4%
Female	1,060,121	±3,586	50.6%
Sex ratio (males per 100 females)	97.8	±0.7	(X)
Under 5 years	116,978	±1,500	5.6%
5 to 9 years	130,751	±6,064	6.2%
10 to 14 years	146,207	±5,678	7.0%
15 to 19 years	139,186	±3,826	6.6%
20 to 24 years	137,719	±3,834	6.6%
25 to 34 years	278,627	±4,322	13.3%
35 to 44 years	261,847	±4,320	12.5%
45 to 54 years	235,075	±3,383	11.2%
55 to 59 years	132,366	±4,303	6.3%
60 to 64 years	140,343	±4,528	6.7%
65 to 74 years	224,011	±2,463	10.7%
75 to 84 years	113,221	±3,199	5.4%



Send Feedback ×

cedsci.feedback@census.gov

Note the options on the tool

United States Census Bureau

new mexico population

SEARCH

ALL TABLES MAPS PAGES

2125 Results FILTER DOWNLOAD

ACS DEMOGRAPHIC AND HOUSING ESTIMATES
Survey/Program: American Community Survey
TableID: DP05

Product: 2019: ACS 1-Year Estimates Data Profiles

CUSTOMIZE TABLE

ACS DEMOGRAPHIC AND HOUSING ESTIMATES
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: DP05

TOTAL POPULATION
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Years: 2010
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AGE AND SEX
Survey/Program: American Community Survey
Years: 2019,2018,2017,2016,2015,2014,2013,2012,2011,2010
Table: S0101

POPULATION BY SEX
Survey/Program: American Community Survey
Years: 2016,2015,2014

Send Feedback
cedsci.feedback@census.gov

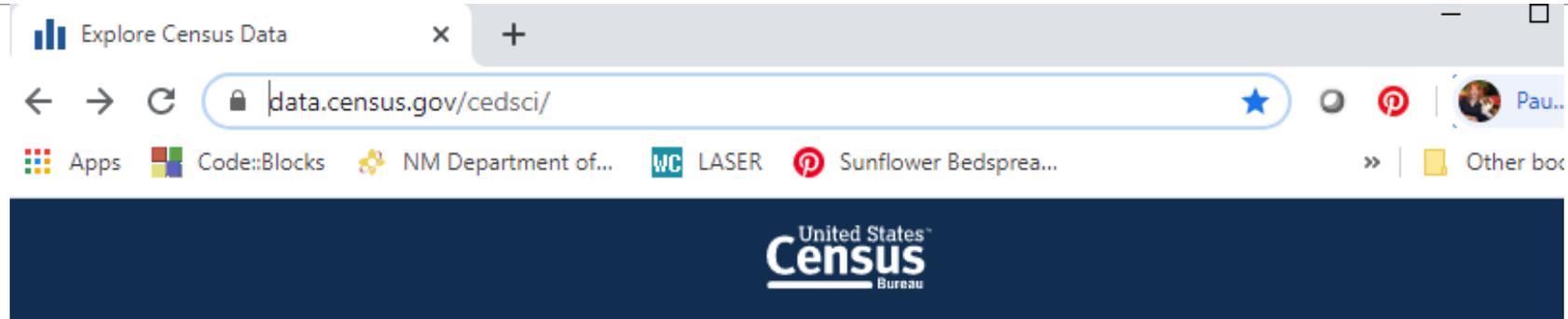
New Mexico

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Columns Cell/Column Notes



How to select all American Indian Areas with in NM

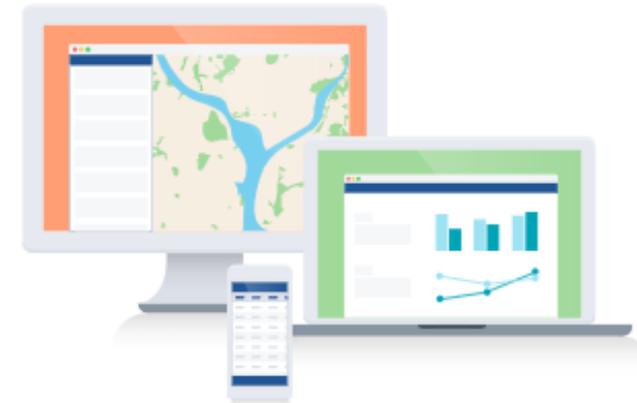


Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.

🔍 I'm looking for ...

[Advanced Search](#)



Step 2: Geography

United States
Census
Bureau

Search

// Search / Advanced Search

Advanced Search

Table ID (e.g., DP05)

Narrow search with filters

FIND A FILTER

e.g. 336111 - Automobile Manufacturing

BROWSE FILTERS

- Topics
- Geography**
- Years
- Surveys
- Codes

CLEAR FILTERS **SEARCH**

Send Feedback 
cedsci.feedback@census.gov

MORE



Step 3: Next slide on the “Show Summary Levels”

FIND A FILTER

e.g. 336111 - Automobile Manufacturing

BROWSE FILTERS

Topics

Geography

Years

Surveys

Codes

GEOGRAPHY

Show Summary Levels

Nation

Region

Division

State

County



Step 4:

Scroll down and select “280- American Indian Area/Alaska Native Area/Hawaiian Home Land within State.”

FIND A FILTER

e.g. 336111 - Automobile Manufacturing

BROWSE FILTERS

Topics

Geography

Years

Surveys

Codes

GEOGRAPHY

Show Summary Levels

278 - American Indian Area/Alaska Native Area/Hawaiian Home Land-AIA (Trust Land Only)/HHL-State (or part)-County (or part)-County Subdivision (or part)-Place/Remainder (or part)

280 - American Indian Area/Alaska Native Area/Hawaiian Home Land within State

281 - State American Indian



Step 5:

In the next column Select New Mexico

The screenshot displays a three-column interface for filtering data. The first column, titled "BROWSE FILTERS", contains a vertical list of filter categories: "Topics", "Geography" (highlighted with a grey background and an orange vertical bar on the left), "Years", "Surveys", and "Codes". The second column, titled "GEOGRAPHY", features a toggle switch labeled "Show Summary Levels" which is currently turned on. Below the toggle is a scrollable list of geographic categories: "278 - American Indian Area/Alaska Native Area/Hawaiian Home Land-AIA (Trust Land Only)/HHL-State (or part)-County (or part)-County Subdivision (or part)-Place/Remainder (or part)", "280 - American Indian Area/Alaska Native Area/Hawaiian Home Land within State" (highlighted with a grey background and an orange vertical bar on the left), and "281 - State-American Indian Area/Alaska Native Area/Hawaiian...". The third column shows a search bar with a magnifying glass icon and a search result titled "280 - AMERICAN INDIAN AREA...". Below the search bar is a scrollable list of states: "MISSOURI", "Montana", "Nebraska", "Nevada", "New Hampshire", "New Jersey", "New Mexico" (highlighted with a grey background and an orange vertical bar on the left), "New York", "North Carolina", and "North Dakota".



Step 6:

In the last column check “All AIA/ANA/HHL in New Mexico.”

FIND A FILTER

e.g. 336111 - Automobile Manufacturing



BROWSE FILTERS

Topics

Geography

Years

Surveys

Codes

GEOGRAPHY

Show Summary Levels

278 - American Indian Area/Alaska Native Area/Hawaiian Home Land-AIA (Trust Land Only)/HHL-State (or part)-County (or part)-County Subdivision (or part)-Place/Remainder (or part)

280 - American Indian Area/Alaska Native Area/Hawaiian Home Land within State

281 - State-American Indian Area/Alaska Native Area/Hawaiian Home Land-Tribal Subdivision/Remainder (or part)

282 - State-American Indian Area/Alaska Native Area/Hawaiian Home Land-County (or part)

280 - AMERICAN INDIAN AREA...

MISSOURI

Montana

Nebraska

Nevada

New Hampshire

New Jersey

New Mexico

New York

North Carolina

North Dakota

Ohio

Oklahoma

Oregon

Pennsylvania

NEW MEXICO

All AIA/ANA/HHL in New Mexico

Acoma Pueblo and Off-Reservation Trust Land, NM; New Mexico

Cochiti Pueblo, NM; New Mexico

Fort Sill Apache Indian Reservation, NM; New Mexico

Isleta Pueblo, NM; New Mexico

Jemez Pueblo, NM; New Mexico

Jicarilla Apache Nation Reservation and Off-Reservation Trust Land, NM; New Mexico

Jicarilla Apache Reservation, NM; New Mexico

Laguna Pueblo and Off-Reservation Trust Land, NM; New Mexico



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Thank You!

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