

Census Bureau Product Updates

Arizona State Data Center

October 13, 2021

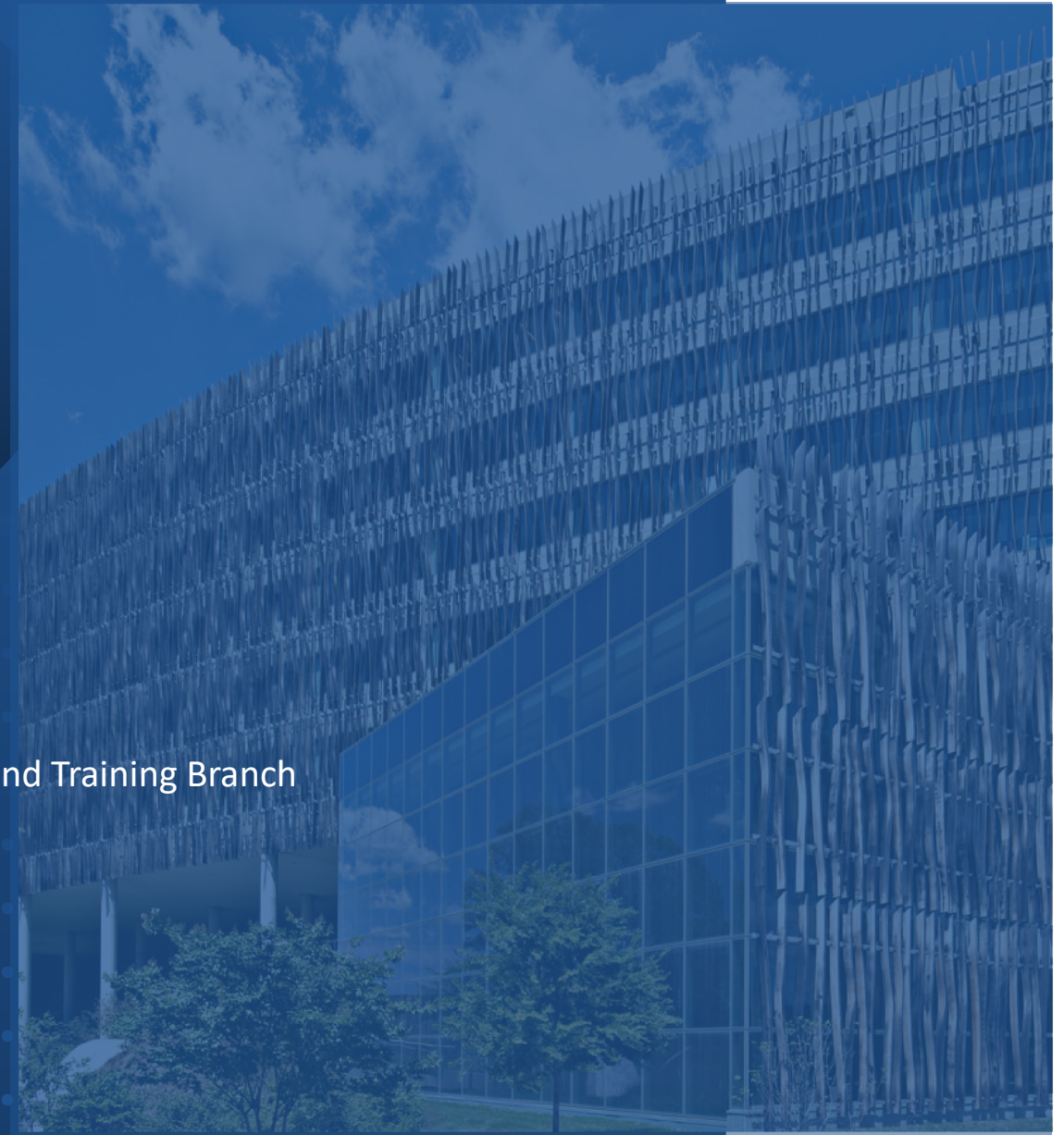
Kim Davis, Data Dissemination Specialists

Data Dissemination and Training Branch

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U.S. Census Bureau

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Agenda

1. Home Page
 - America Counts
 - Browse by Topic
 - Explore Data
 - Library
 - Information
2. Updates in Data Collection
 - COVID-19 Hub
 - American Community Survey
 - Population Estimates

1.

Home Page

2020 Census Data for Arizona Counties

	Total population (2020)	Total population (2010)	Numeric change (2010–2020)	Percent change (2010–2020)
Maricopa County, AZ	4,420,568	3,817,117	603,451	15.8
Pima County, AZ	1,043,433	980,263	63,170	6.4
Pinal County, AZ	425,264	375,770	49,494	13.2
Yavapai County, AZ	236,209	211,033	25,176	11.9
Mohave County, AZ	213,267	200,186	13,081	6.5
Yuma County, AZ	203,881	195,751	8,130	4.2
Coconino County, AZ	145,101	134,421	10,680	7.9
Cochise County, AZ	125,447	131,346	-5,899	-4.5
Navajo County, AZ	106,717	107,449	-732	-0.7
Apache County, AZ	66,021	71,518	-5,497	-7.7
Gila County, AZ	53,272	53,597	-325	-0.6
Santa Cruz County, AZ	47,669	47,420	249	0.5
Graham County, AZ	38,533	37,220	1,313	3.5
La Paz County, AZ	16,557	20,489	-3,932	-19.2
Greenlee County, AZ	9,563	8,437	1,126	13.3

America Counts

STATE PROFILE

Population and Housing

States	CBSAs	Counties
Change State: <input type="text" value="Arizona"/>		
Arizona		
Click a value below to change the map and table.		
Total Population (2020): 7,151,502	Housing Units (2020): 3,082,000	
Numeric Change in Population (2010–2020): 759,485	Housing Unit Vacancy Rate (2020): 12.2%	
Percent Change in Population (2010–2020): 11.9%	Percent Change in Housing Units (2010–2020): 8.3%	

Population

2020 Census Redistricting Data Now Available.

ARIZONA: 2020 Census



Arizona's Population More Than 7 Million in 2020, Up 11.9% Since 2010

AMERICA COUNTS STAFF | AUGUST 25, 2021

America Counts today launches a state-by-state look at the demographic changes the new 2020 Census results reveal.

Our state profiles bring you all key population characteristics of *your* state and *your* county on one page.

See how they compare to the nation overall and to neighboring counties and states. Through interactive state and county maps for the 50 states, the District of Columbia and Puerto Rico, each page provides a snapshot of change from 2010 to 2020 on five topics.

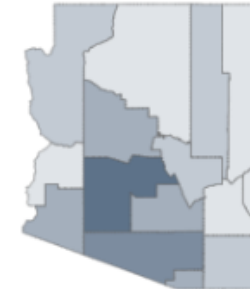
Here are some key national-level 2020 Census results to help you see how your state or county compares in each topic area:

- Population (up 7.4% to 331.4 million).
- Race and ethnicity (White alone 61.6%; Black alone 12.4%; Hispanic 18.7%; Asian alone 6%; American Indian and Alaska Native alone 1.1%; Native Hawaiian and Other Pacific Islander alone 0.2%; Some Other Race alone 8.4%; Two or More Races 10.2%).
- Diversity Index (61.1%, up from 54.9%).
- Under-18 (down 1.4%) and adult population (up 10.1%).
- Housing units (up 6.7%) and vacancies (down to 9.7%).

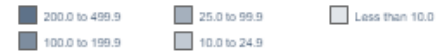


ARIZONA - WEST

Population Density in Arizona Counties: 2020



People per square mile



Browse By Topic



EMPLOYMENT

About this Topic

America Counts: Stories

Data

News

Publications

Related Sites

Surveys/Programs

Visualizations

Working Papers

< Back to Topics

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.

Read More

- Commuting (Journey to Work)
- Disability Employment Tabulation
- Employers: Private Sector
- Employers: Public Sector
- Equal Employment Opportunity Tabulation
- Industry and Occupation
- Labor Force Statistics
- Public Sector Employment and Payroll
- Work from Home

News

Stats For Stories | October 2021

National Disability Employment Awareness Month: October 2021

The 2019 American Community Survey estimated that among noninstitutionalized civilians with a disability in the U.S., 7.9M are employed and 0.9M are unemployed.

Stats For Stories | September 27, 2021

National Manufacturing Week: September 27-October 1, 2021

The new, weekly Small Business Pulse Survey gauges the pandemic's impact on manufacturing and other sectors, including information on supply chain disruption.

Stats For Stories | September 20, 2021

Minority Enterprise Development Week: September 19-25, 2021

The 2018 Annual Business Survey counted 1,048,323 minority firms with 9,432,081 employees and \$323 billion in annual payroll.

VIEW ALL NEWS

Data

QWI Explorer



U.S. CENSUS BUREAU ECONOMIC INDICATORS

Advance Report Durable Goods \$263.5 b ^o ↑
August 2021 Report
Released 8:30 AM EDT, 9/27/21 1.8%

New Residential Sales 740,000 ⁺ ↑
August 2021 Report
Released 10:00 AM EDT, 9/24/21 1.5%

New Residential Construction 1,615,000 ⁺ ↑
August 2021 Report
Released 8:30 AM EDT, 9/21/21 3.9%

Business Inventories \$2,069.5 b ⁺ ↑
July 2021 Report
Released 10:00 AM EDT, 9/16/21 0.5%

📶 <> **All Economic Indicators** >

⁺ change not statistically significant
^o significance not reported / applicable

Explore Data

United States[®] Census Bureau

Search

BROWSE BY TOPIC | **EXPLORE DATA** | LIBRARY | SURVEYS/ PROGRAMS | INFORMATION FOR... | FIND A CODE | ABOUT US

Explore Data Main	Developers	Training and Workshops
Census Academy	Experimental Data Products	Visualizations
Combining Data	Related Sites	
Data Equity Tools	Software	
Data Tools and Apps	Tables	

Combining Data – A General Overview

The Census Bureau uses data from a variety of sources.

Harnessing the Power of Administrative Data: OnTheMap for Emergency Management

New Jersey's use of a Census Bureau tool that combines state and federal data helped its Hurricane Sandy recovery efforts.

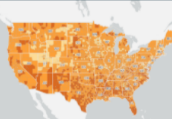



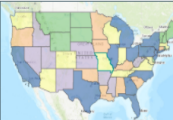

2020 Census Innovations: Streamlining the Count Using Administrative Data

Smart use of administrative data is just one of the promising innovations planned for the 2020 Census. By reusing information people have already provided, we can improve accuracy and reduce the need for census takers to knock on doors, saving time and money.

Racial Equity Data Tools

Email us if you have any questions about Census Data Equity.

The U.S. Census Bureau's publicly available data sets and tools can assist federal agencies and other entities in the equitable distribution of resources, and identifying underserved communities. The Census Bureau collects comprehensive data from a multitude of sources about the nation's economy and population, covering a range of topics, including demography, housing, socioeconomic, and businesses. Additionally, the Census Bureau data sets and tools can inform the frameworks for public dashboards to share progress and program metrics for assistance programs.

 <p>Community Resilience Estimates</p> <p>The capacity of individuals and households to absorb, endure, and recover from the health, social, and economic impacts of a disaster such as a hurricane or pandemic.</p> <p>Watch video</p> <p>Explore Data See PPT</p>	 <p>The Response Outreach Area Mapper (ROAM)</p> <p>Developed to make it easier to identify hard-to-survey areas and to provide a socioeconomic and demographic characteristic profile of these areas.</p> <p>Watch video</p> <p>Explore Data See PPT</p>	 <p>Opportunity Atlas</p> <p>A comprehensive Census tract-level dataset of children's outcomes in adulthood using data covering nearly the entire U.S. population.</p> <p>Watch video</p> <p>Explore Data See PPT</p>
		

Experimental Data Products

What are Experimental Data Products?


MAY 14, 2021

Experimental data products are innovative statistical products created using new data sources or methodologies that benefit data users in the absence of other relevant products. We are seeking feedback from data users and stakeholders on the quality and usefulness of these new products.

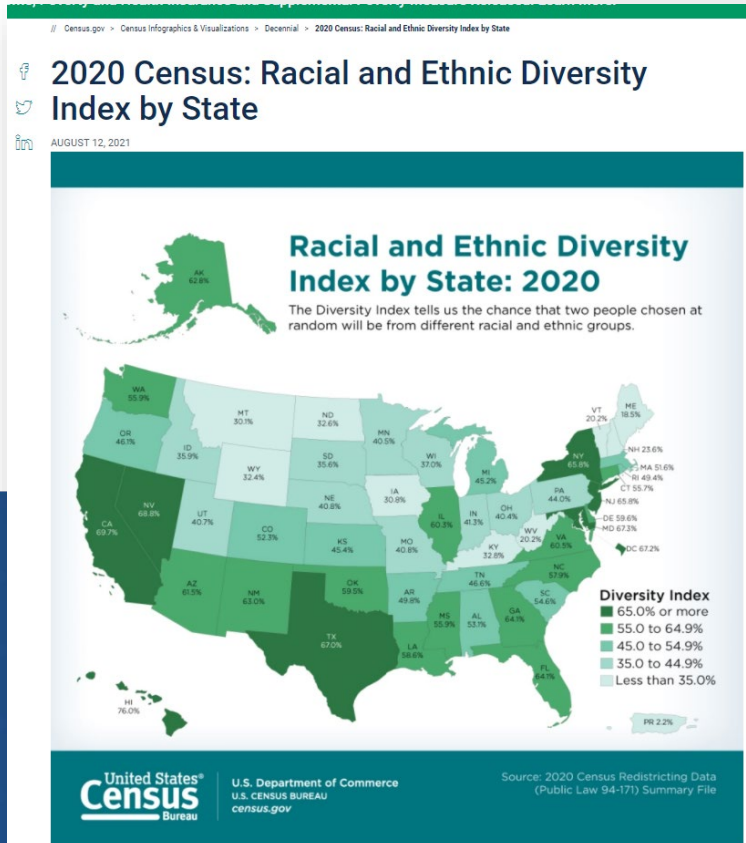
The development of experimental data is one important path towards the creation of new, regularly occurring statistical products. Experimental data products that meet our quality standards and demonstrate sufficient user demand may enter regular production if resources permit.

Census Bureau experimental data may not meet all of our quality standards. Because of this, we clearly identify experimental data products and include methodology and supporting research with their release.

New Experimental Data Products



Infographics & Visualizations



- SHARE HIGHLIGHTED DATA
- SHAREABLE VIA SOCIAL MEDIA
- DOWNLOADABLE AND PRINTABLE
- CITE SOURCE OF DATA
- UPDATE LATEST REVISION

Download or Print this Graphic:

Racial and Ethnic Diversity Index by State: 2020 [<1.0 MB]

Racial and Ethnic Diversity Index by State: 2020 [<1.0 MB]

Source and References

2020 Census Redistricting Data (Public Law 94-171) Summary File

Last Revised: August 12, 2021

Sign Up for Email Updates

To sign up for updates please enter your contact information below.

Stay Current

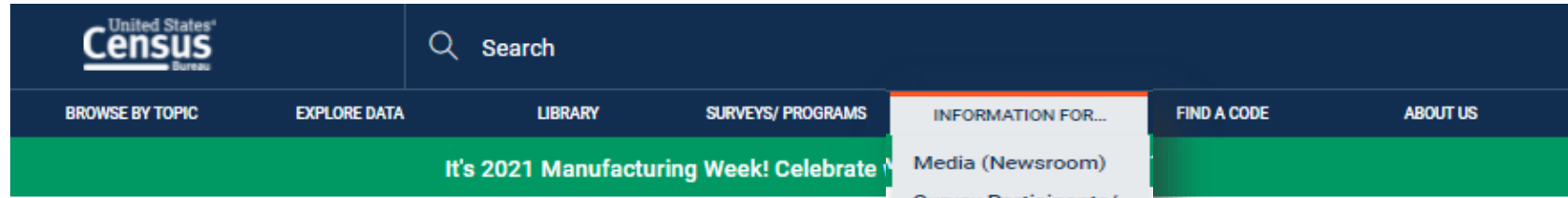
Newsroom
America Counts

Stay Connected



Is this page helpful?

Information for...

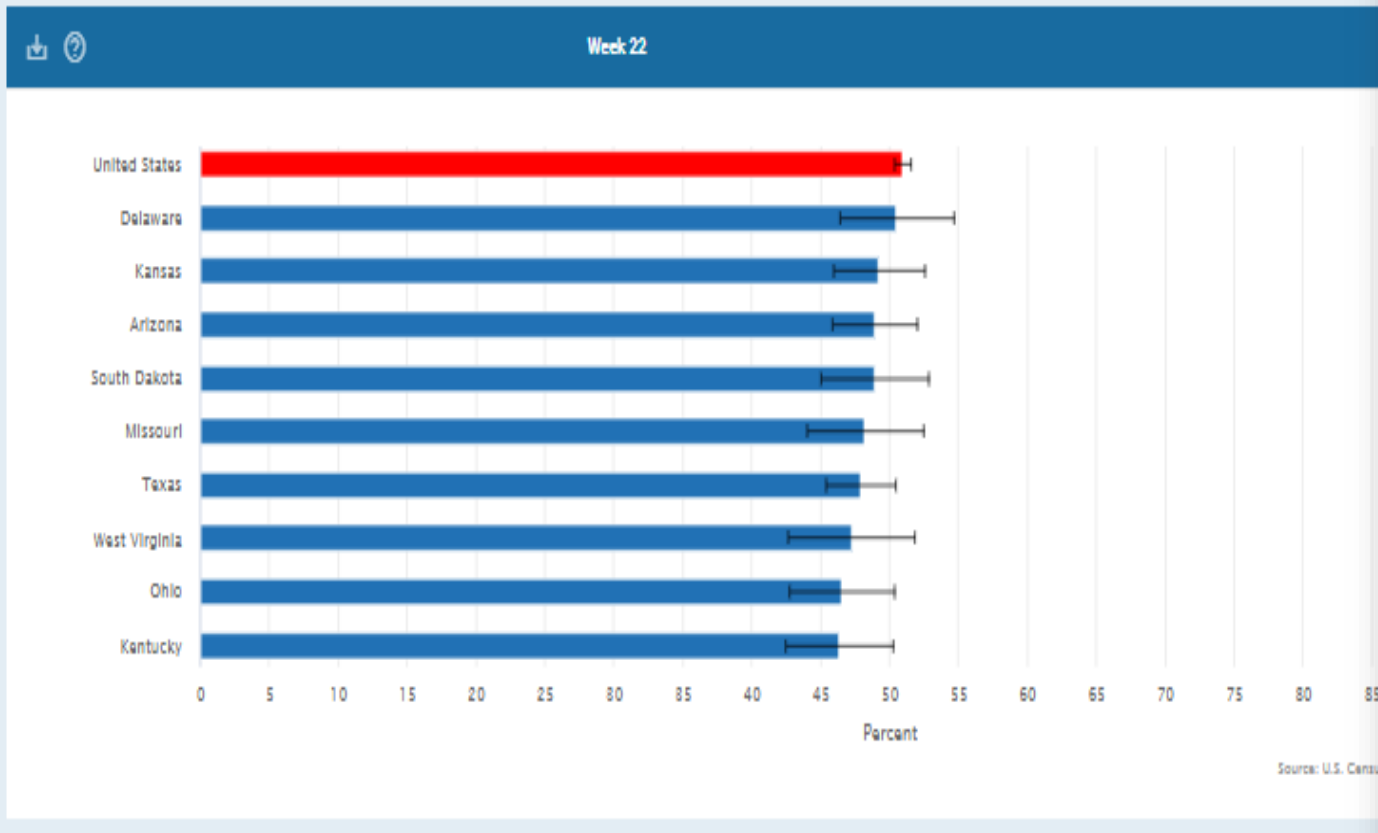


- Media (Newsroom)
- Survey Participants/ Respondents
- Partners
- Educators and Students

2.

Updates in Data Collection

Household Pulse Survey



Source: U.S. Census

received a COVID-19 vaccine (but definitely will once available)

19 Vaccination Tracker

SEPTEMBER 22, 2021

Household Pulse Survey COVID-19 Vaccination Tracker

Vaccination rate | **Vaccine hesitancy**

Use the slider to see data for the collection period ending on: 1/18/2021

Use buttons to include or exclude segments of the population based on how likely they are to get a COVID-19 vaccine once it is available.

DEFINITELY NOT | **PROBABLY NOT** | UNSURE | PROBABLY

21.6% (+/- 0.6%) of U.S. adults 18 years and older are hesitant about receiving a COVID-19 vaccine.

Percentage of Those Aged 18 and Over Who Are Hesitant About Receiving a COVID-19 Vaccine

Hover on a state to see top reasons for vaccine hesitancy in that state.

Arizona

Percent who are hesitant about receiving a COVID-19 vaccine: **23.9%** (+/-2.0%)

Top three reasons for vaccine hesitancy (among those who are hesitant about receiving a COVID-19 vaccine):

- 53.5%** (+/- 4.8%) Concerned about the side effects
- 38.0%** (+/- 5.2%) Plan to wait and see if it is safe
- 33.0%** (+/- 6.3%) Don't trust COVID-19 vaccines

National Reasons for Hesitancy

Among those who are hesitant about receiving a COVID-19 vaccine:

- 27.5% (+/- 1.0%) Don't know if it will work
- 23.4% (+/- 1.3%) Don't know if it will work
- 20.8% (+/- 1.4%) Don't believe I need a vaccine
- 20.2% (+/- 1.1%) Think other people need it more
- 14.6% (+/- 1.0%) Don't like vaccines
- 11.8% (+/- 1.0%) Other
- 7.0% (+/- 0.9%) Doctor has not recommended it
- 5.7% (+/- 0.8%) Concerned about cost

National Hesitancy Rate by Characteristic

Experimental Data

American Community Survey

- Surveys a sample of 290,000 households each month
- 1-year estimates combine monthly responses for geographies with populations of 65,000 or more
- 5-year estimates for geographies down to the “tract” or neighborhood level

COVID-19 Pandemic Impact

- Severely impacted response rates for March through September 2020 (half of collection time)
- Forced to suspend many ACS data collection operations
- Significantly impaired the quality of the resulting estimates

November 2021

- Release a series of “experimental” estimates from the 1-year data
- Apply an alternative set of weights to attempt to adjust for some of the nonresponse bias. Data from other surveys and administrative records will inform the weights
- Available in Resource Hub (not on data.census.gov)
- Limited number of data tables in limited geographies
- Research paper detailing the methodology for the experimental weights
- Caution in using the experimental estimates as a replacement for standard 2020 ACS 1-year estimates

December 2021

- Release a 2020 ACS 1-year Public Use Microdata Sample (PUMS) file containing experimental weights
- Tentatively plan to release the 2016-2020 ACS 5-year estimates still in review against Statistical Quality Standards

Population Evaluation Estimates Vintage 2020

- United States, states, and counties
 - Age
 - Sex
 - Race
 - Hispanic Origin
 - Housing Units
(Puerto Rico and its municipios by age and sex)
- Total population estimates for metropolitan and micropolitan statistical areas, cities, and towns

The Vintage 2020 estimates are based on the 2010 Census and were created without incorporation or consideration of the 2020 Census results

The vintage year (e.g., V2019) refers to the final year of the time series. The reference date for all estimates is July 1, unless otherwise specified.

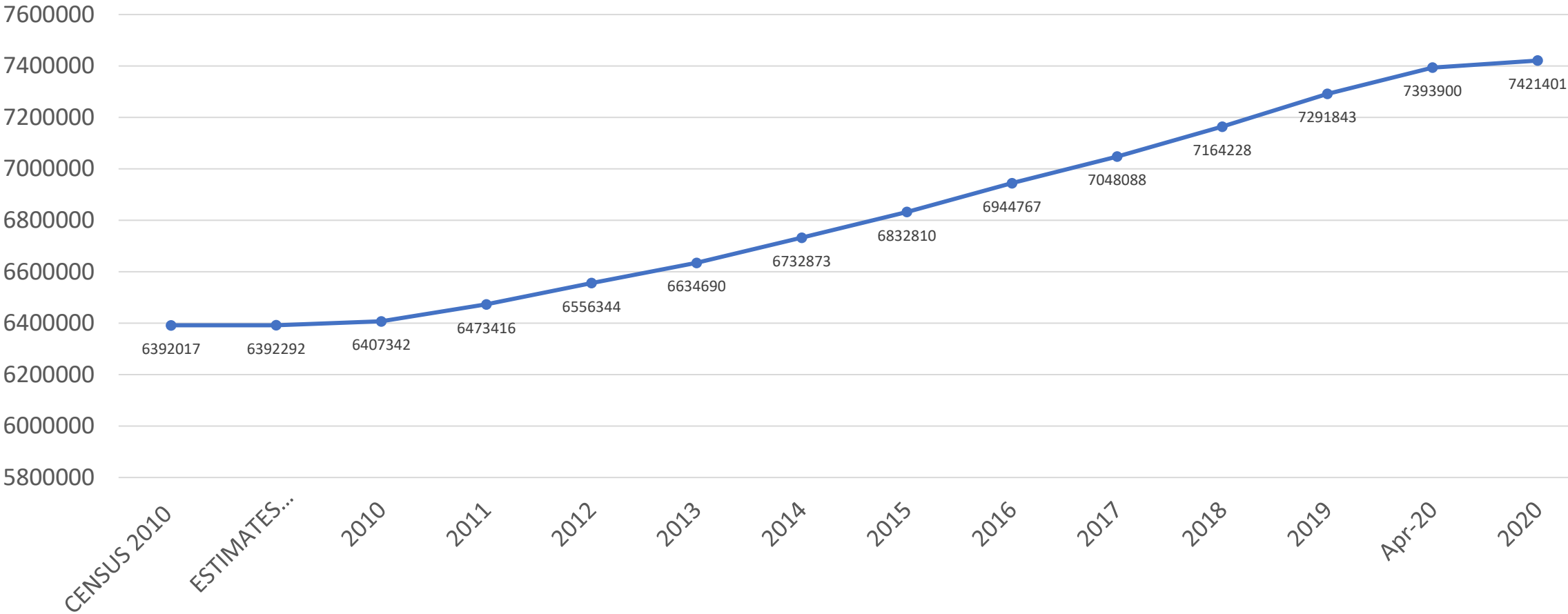
Pop Estimates may be found in the Population Estimates Page and the API.

www.census.gov/programs-surveys/popest/about/schedule.html

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

Population Estimates 2010 – 2020

Arizona Population Estimates



Population Estimates Arizona Counties 2010 – 2020

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Apache	71828	72181	72231	72333	71808	71026	71418	71538	71819	71920	71875
Cochise	131823	133124	132085	129664	127437	126594	125885	125048	126581	127248	127450
Coconino	134624	134309	136204	136788	137675	139100	140609	141300	142914	143967	142481
Gila	53565	53445	53009	53026	53074	53020	53400	53619	53833	54077	54303
Graham	37154	37129	37027	37456	38123	37888	37859	37530	38032	38890	39211
Greenlee	8342	8587	8764	8918	9356	9587	9642	9451	9424	9467	9341
La Paz	20499	20606	20524	20526	20521	20476	20670	20737	21030	21257	21480
Maricopa	3825183	3875371	3948165	4018657	4094842	4174423	4258019	4329227	4405306	4492261	4579081
Mohave	200336	202888	203484	203322	203670	204890	205899	207668	210371	213846	217206
Navajo	107693	107560	107334	107164	107741	107695	108569	109145	110490	111037	112112
Pima	981649	988500	993231	997374	1004521	1009490	1017083	1027115	1037746	1049261	1061175
Pinal	379106	378114	382371	385574	395563	405922	417312	431490	446524	461640	480828
Santa Cruz	47402	47640	47330	46902	46596	46493	46412	46578	46446	46728	46808
Yavapai	210990	211081	212065	214539	217882	221019	224828	228398	232467	236062	240226
Yuma	197148	202881	202520	202447	204064	205187	207162	209244	211245	214182	217824

Population Estimates: Median Age Arizona Counties 2010 – 2020

	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yuma
2010	32.4	39.6	30.9	47.9	31.7	34.8	54	34.7	47.7	34.7	37.7	35.6	49.4	33.7
2011	32.6	39.2	30.9	48.1	31.9	34	54.1	35	48.1	35	37.7	35.5	50.1	33
2012	32.9	39.2	30.6	48.6	32	33.7	54.8	35.3	48.6	35.4	37.8	35.6	50.8	33.2
2013	33.2	39.7	30.6	49	32	34.2	54.7	35.5	49.2	35.6	37.9	36	51.3	33.6
2014	33.6	40.3	30.7	49.2	32	33.6	54.9	35.6	49.9	35.9	37.9	36.3	51.9	33.8
2015	34.1	40.5	30.7	49.6	32.5	33.5	55.6	35.9	50.5	36.3	38.1	36.5	52.4	34
2016	34.5	40.8	31	49.7	32.7	33.6	56.2	36.1	51.2	36.6	38.3	36.6	53	34.2
2017	34.9	41.3	31.1	49.9	33.3	34.2	56.9	36.4	51.8	37.1	38.5	36.8	53.5	34.5
2018	35.2	41.1	31.1	50.4	33.3	34.3	56.9	36.7	52.4	37.5	38.8	37.3	54.1	34.7
2019	35.6	41.4	31.1	50.6	33.6	34.5	57.8	36.9	53	38.2	39.1	37.5	54.7	35.1
2020	36.2	41.8	31.8	51.1	33.8	34.7	58.8	37.2	53.5	38.6	39.4	38	55.3	35.3

Population Estimates

POPULATION AND HOUSING UNIT ESTIMATES

About this Section

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Geographies

Guidance for Data Users

Guidance for Geographies Users

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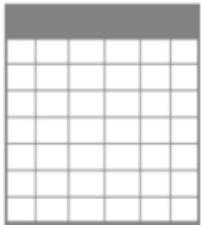
Technical Documentation

[Back to Our Surveys & Programs](#)

Population and Housing Unit Estimates

The Census Bureau's Population Estimates Program (PEP) produces estimates of the population for the United States, states, metropolitan and micropolitan statistical areas, counties, cities, towns, as well as for Puerto Rico and its municipios.

[Read More](#)



[Vintage 2019 Tables](#)



[Demographic Analysis](#)



[Release Schedule](#)



Data Dissemination and Training

- ✓ **Bring our data experts to you.**

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

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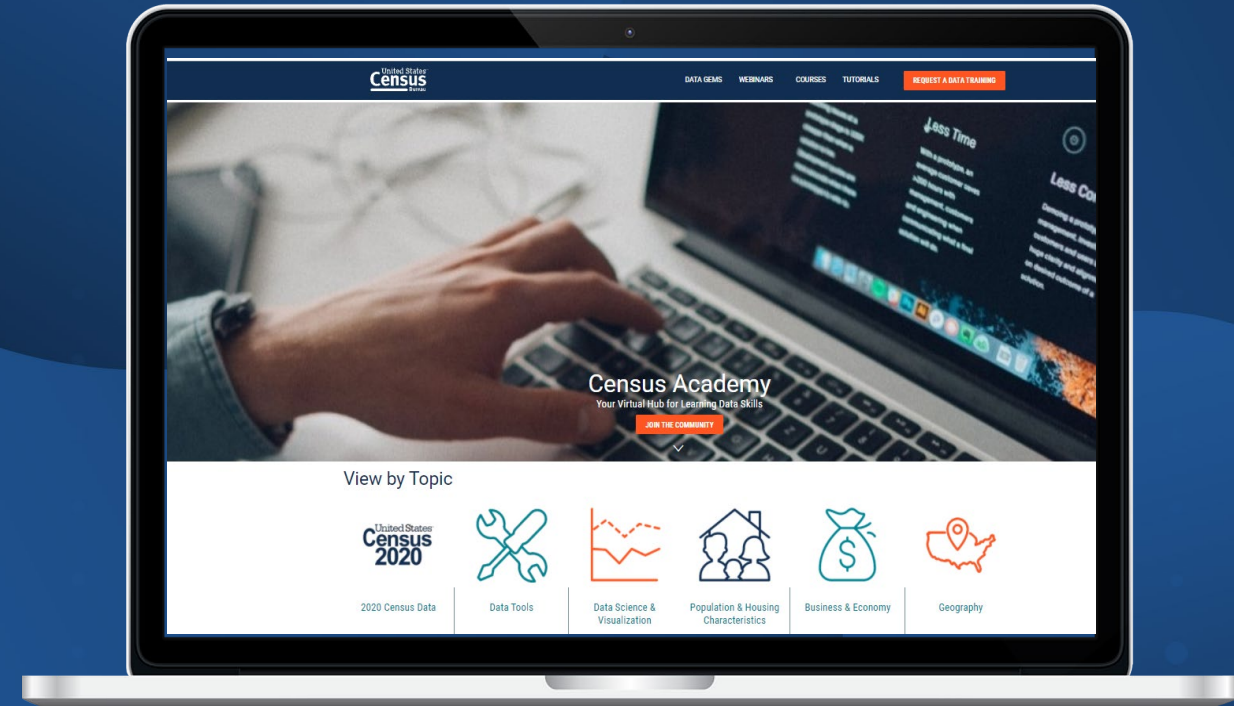
You will learn-at-your-own-pace with these video-tutorials designed for different skill levels.

- ✓ **Interact with our instructors via Webinars.**

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



Census.gov/Academy



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