Introduction to data.census.gov

February 28, 2023

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Data on data.census.gov

General Data Availability:

- Decennial Census: 2000-present
- Population Estimates Program: Limited tables starting with one from the 2019 vintage
- American Community Survey (ACS): 2010-2021
- Econ Census and Selected Surveys: 2012present

ask.census.gov/prweb/PRServletCustom?pyActi vity=pyMobileSnapStart&ArticleID=KCP-5489

	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
ACS 1-Year Detailed Tables		1	1	1	1	1	×	1	1	1	1		1	
ACS 1-Year Data Profiles		1	1	1	1	1	1	~	1	1	1		1	
ACS 1-Year Comparison Profiles		1	1	1	1	~	1	1	1	1	1		1	
ACS 1-Year Subject Tables		1	1	1	1	1	1	~	1	1	1		1	
ACS 1-Year Selected Population Profiles		1	1	1	~	~	~	~	1	1	~		~	
ACS 5-Year American Indian and Alaska Native Tables		~					~							
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ACS 5-Year Comparison Profiles							1	~	1	1	1	~	1	
ACS 5-Year Subject Tables		1	1	1	1	1	1	1	1	1	1	1	1	
ACS 5-Year Equal Employment Opportunity										~				
ACS Supplemental Estimates						~	1	~	1	~	~		~	
Community Resilience Estimates											1			
Decennial Summary File 1 (SF1), Summary File 2 (SF2)	~	1												
Decennial Summary File 3 (SF3), Summary File 4 (SF4)	~													
Decennial Summary File 2 (SF2), Summary File 3 (SF3), File 4 (SF4) Demographic Profile	~													
Decennial National Redistricting Data		1												
Decennial Redistricting Data (PL 94-171)	~	1										1		
Decennial American Indian and Alaska Native Demographic Profile	~													
Decennial American Samoa, Guam, Northern Mariana Island, and U.S. Virgin Islands Demographic Profile												~		
Decennial American Samoa, Guam, Northern Mariana Island, and U.S. Virgin Islands Summary File	~	~												
Decennial Year of Entry: Guam, American Samoa, and Northern Mariana Islands		~												
Decennial 110 th Congressional District Summary File	~													



Objectives

In this session we will:

- Use the Single Search to find data tables
- Use the Advanced Search to find data tables
- Learn how to use the Mapping functionality within data.census.gov



Outline

- Live Demo
 - Single Search
 - Advanced Search
 - Mapping
- data.census.gov Resources
- Questions



Two Ways to Search

Single Search Bar: Search keywords

- Topic
- Geography
- Year
- Table IDs
- Codes

Explore Census Data

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Find Tables, Maps, and more			1 4 Q
	Help	Feedback	Advanced Search

Advanced Search Filters:

- A guided approach
- More precise than single search
- Includes all available search options





Demo

- Using the Single Search:
 - Geographic Profile for Washington, D.C.
 - Finding the median income in Nebraska
- Using the Advanced Search:
 - Finding ACS Economic Data for all counties in Maryland
 - Finding CB2000CBP for NAICS 44-45 Retail Trade for all states
- Mapping Tables



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	Search	/ 🎙 🔇 Advance	/ 🌵 🝳 Advanced Search				
Bureau	All Tables Maps	Pages	Microdata Help FAQ Feedback				
State District of Columbia has a land area of 61.1 squa 2.2 square miles. It is the 51st largest state by and bordered by Maryland and Virginia.	Columbia are miles and a water area of rea. District of Columbia is	McLean DISTRIC COLUI	ESS Bowie CT.OR WIBIA Clinton				
// United States / District of Columbia			Display Sources				
Populations and People Total Population 689,545 P1 2020 Decennial Census		Income and Poverty Median Household Income \$90,088 S1901 2021 American Community Survey 1-Year Estimate	ates				
Education Bachelor's Degree or Higher 63.0% S1501 2021 American Community Survey 1-Y	Year Estimates	Employment Employment Rate 64.2% DP03 2021 American Community Survey 1-Year Estimation	ates				
United States®							

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An official website of the United States government Here's how ye	ou know ~			
United States® Search			1 4 Q	Advanced Search
Bureau	Tables Maps Pag	jes		Microdata Help FAQ Feedback
3698 Results View: 10 25 50 Download Table Data	Economic Surveys CB2000CBP All Sectors 2020: ECNSVY Business Patterns Co	s: County Business Patt punty Business Patterns 🗸	erns, including ZIP	Code Business Patterns, by Legal Form
Economic Surveys CB2000CBP All Sectors: County Business Patterns, including ZIP Code Business Patterns, by	Notes Geos Years Topics S	L23 X V Surveys Codes Hide Filter	Restore Excel CSV	Image: Share Fine ooo ZIP Share Print More Data More Tools
Class for the U.S., States, and Selected	Geographic Area Name	2017 NAICS code	Meaning of NAICS code	Meaning of Legal form of organ
2020: ECNSVY Business Patterns County Business Patterns	District of Columbia	00	Total for all sectors	All establishments
	District of Columbia	00	Total for all sectors	All establishments
ecennial Census	District of Columbia	00	Total for all sectors	All establishments
View All 7 Products	District of Columbia	00	Total for all sectors	All establishments
	District of Columbia	00	Total for all sectors	All establishments
Population Estimates	District of Columbia	00	Total for all sectors	All establishments
Population: April 1, 2010 to July 1, 2019	District of Columbia	00	Total for all sectors	All establishments
019: PEP Population Estimates	District of Columbia	00	Total for all sectors	All establishments
American Community Survey	District of Columbia	00	Total for all sectors	All establishments
DP05 ACS DEMOGRAPHIC AND HOUSING ESTIMATES				1 to 200 of 696

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 Type keywords in the single search bar: median income nebraska

Press enter

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Help Feedback Advanced Search



View All Results Page





View All Results Page

- Typical table layout
- Table ribbon with multiple functions and options

	(Census		income nebra	aska			×	X / I Advanced Search				
2	2	Bureau	All	Tables	Maps	Pages					Microd	ata F	
ı e	Filters Results	American Community Survey S1901 INCOME IN THE PAST 12 2021: ACS 1-Year Estimates Subject Tables	MONTH	IS (IN 2021	INFLATION-A	DJUSTEI	D DOLLARS)						
ıd		Notes Geos Years Topics Surveys C	123 🔊	k Kanspose	+ <u>/</u> Margin of Error	Q Restore	Excel CSV ZIP	Print Map	*				
			N	ebraska									
		Househol		ouseholds					Families		Marri		
		Label			Estima	te		Margin of Error		Estimate	Margin of Error		
		✔ Total		785,982				±4,212		495,142	±7,251		
		Less than \$10,000		5.2%				±0.5		2.6%	±0.3		
		\$10,000 to \$14,999		3.8% 7.5% 8.2%				±0.3		1.5%	±0.3		
		\$15,000 to \$24,999						±0.5		3.9%	±0.4		
		\$25,000 to \$34,999						±0.5		5.2%	±0.4		
	\$35,000 to \$49,999				12.5	%		±0.6		10.1%	±0.6		
		\$50,000 to \$74,999			18.0	%		±0.6		17.3%	±0.8		
	Ť	\$75,000 to \$99,999			14.1	%		±0.6		16.9%	±0.8		



Demo

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Help Feedback Advanced Search

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Try searching for poverty in Georgia in

 Click on the Advanced
 Search button located directly under the Single Search bar



	🗱 An official website of the United States government Here's how you know 🛩									
	Census Bureau	Search	Tables	Maps	Pages	/ 🎙 🝳	Advanced Search Microdata	Help FAQ	Feedback	
Use the filter	Advanced Search Q Table ID (e.g., DP05) O Filters ③									
select filters to narrow your search	 Q Search for filter 123 Codes > ② Geography > ③ Surveys > ④ Topics > ☆ Years > 				Ple	No filter selected ease select a filter to narrow your search.				
	Ť								SEARCH	















Clear all filters	All Tables Maps Pages Economic Census EC1700BASIC All Sectors: Summary Statistics Geographies: 2017 2017: ECN Core Statistics Summary Statistics for the U American Community Survey S2503 FINANCIAL CHARACTERISTICS The View All 20 Products Image: Construction of the Const	 Scroll tables table 	 Scroll down the list of tables and click on an ACS table to view 					
123 Codes > [©] Geography > [□] Surveys > [□] Topics > [↓] Years >	American Community Survey S2506 FINANCIAL CHARACTERISTICS FO View All 20 Products American Community Survey S2507 FINANCIAL CHARACTERISTICS FO View All 20 Products American Community Survey	American Community Survey S2503 FINANCIAL CHARACTERISTICS 2021: ACS 1-Year Estimates Subject Tables ~ Notes Geos Years Topics Surveys Codes Hide T	Search All Tables Maps Pages Advanced Search All Tables Maps Pages Microdata Help RISTICS 123 No Hide Transpose Margin of Error Restore Exc CSV ZIP Share Print Map					
	B25087 MORTGAGE STATUS AND SELEC			Occupied housing units	Percent occupied housing units		Owner-	
		Label		Estimate	Margin of Error	Estimate	Margin of Error	
*	American Community Survey	Occupied housing units		28,535	±1,358	28,535	±1,358	
	B25088 MEDIAN SELECTED MONTHLY O	✓ HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2021 IN INCOME IN THE PAST 12 MONTHS (IN 2021 IN	FLATION-ADJUSTED DOLLARS)					
		\$5,000 to \$9,000		1,575	=591	2.0%	+1.9	
		\$10,000 to \$1,999		1 711	±755	6.0%	±2.6	
		\$15,000 to \$19,999		1,612	±722	5.6%	±2.5	
		\$20,000 to \$24,999		1,326	±763	4.6%	±2.6	
		\$25,000 to \$34,999		2,273	±711	8.0%	±2.6	
		\$35,000 to \$49,999		5,222	±1,058	18.3%	±3.6	
		\$50,000 to \$74,999		5,295	±1,164	18.6%	±4.1	
		\$75,000 to \$99,999		3,069	±789	10.8%	±2.7	
		\$100,000 to \$149,999		3,501	±735	12.3%	±2.7	
United States®		\$150,000 or more		2,128	±635	7.5%	±2.2	

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Click on Advanced
 Search

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Help Feedback

Advanced Search



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- Geography
- State
- Check box for all states





- Surveys ٠
- Economic ٠ Surveys
- Business ٠ Patterns
- County ٠ **Business** Patterns
- Click the ٠ Search button

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28

Customize Table: Filter Column Categories

Alabama

Alabama

Alabama

Alabama

Filter Meaning of Employment size of establishments code to show data only for All Establishments:

- Click the **three bars** in the column header
- Click the Filter icon
- Click the check box next to (Select All) twice to deselect all options, and then mark the check box for All Establishments
- Click the **Apply** button

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Establishments with 50 to 99 employees

Establishments with 100 to 249 employees

Establishments with 250 to 499 employees

All establishments

All establishments

All establishments

All establishments

C-corporations and other corporate leg..

APPLY

417

292

84

7.167

Establishments with 1,000 to 1,499 emplo

Establishments with 1,500 to 2,499 emplo

Establishments with 10 to 19 employees

RESET

Customize Table: Filter Column Values

Filter Number of Establishments to 15 or more:

- Click the **three bars** in the column header
- Click the filter icon
- Change the drop-down menu to Greater than or equals
- Type a Value: 15
- Click outside of the filter options to return to the table view





Customize Table: Sort a Column

- Click a column header to sort the data in ascending or descending order
- View number a sorted list of number of rental car companies across each county in California

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Filters	Economic Surveys CB2000CBP All Sector 2020: ECNSVY Business Patterns	Drs: County Busin County Business Patterr	ness Patterns, in	cluding ZIP C	ode Business Pat	terns, by Legal Form of Orgar	nization and Employment Size Class	for the U.S., States, and Select		
	Notes Geos Years Topics	Surveys Codes	ℝ ↓ Aide Filter Restore	Excel CSV	ZIP Print More Data	Bu ≈ Map		7		
	Geographic Area Name	2017 NAICS code	Meaning of N	AICS code	Meaning of Legal for	m of organization code	\downarrow N mber of establishments	Jeaning of Employment size of establishme		
	California 44-45 Retail trade		:	All establishments		105,548	All establishments			
	Texas	44-45	Retail trade	:	All establishments		80,932	All establishments		
	Florida	44-45	Retail trade	:	All establishments		74,226	All establishments		
	New York	44-45	Retail trade	:	All establishments		73,794	All establishments		
	Pennsylvania	44-45	Retail trade	:	All establishments		41,045	All establishments		
	California	44-45	Retail trade	:	C-corporations and o	ther corporate legal forms of organization	40,942	All establishments		
	California 44-45 Retail trade		S-corporations		40,544	All establishments				
	Texas	44-45	Retail trade	:	C-corporations and o	ther corporate legal forms of organization	37,116	All establishments		
	Illinois	44-45	Retail trade	:	All establishments		36,418	All establishments		



Customize Table: Pin a Column

Pin the first column with the geography names so it stays in view as you scroll to the right:

- Click the three bars in the column header
- Hover over Pin
 column
- Select Pin Left





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• Click Map on ribbon

(United States®	Se	earch				/ ↓ 🝳	Image:				
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Filters	Economic Surveys CB2000CBP All Sector 2020: ECNSVY Business Patterns CB2000CBP All Sector 2020: ECNSVY Business Patterns Geos Years Topics	ors: County B s County Business Pa (123 Surveys Codes	usiness atterns V Hide	Pattorns, inc V Q Filter Restore	Eluding ZIP C	Code	Business Patterns, by Legal Form of Organi	zation and Er	nployment Size Class	; for the U.S., States, and Sele	ct	
	Geographic Area Name	2017 NAICS code)	Meaning of NA	ICS code	N	Aeaning of Legal form of organization code	\downarrow	Number of establishments	Meaning of Employment size of establis	hme	
	California	44-45	:	Retail trade	:	,	Il establishments		105,548	All establishments		
	Texas	44-45	:	Retail trade	:	: A	\II establishments		80,932	All establishments		
	Florida	44-45	:	Retail trade	:	. A	\II establishments		74,226	All establishments		
	New York	44-45	:	Retail trade	:	. A	\II establishments		73,794	All establishments		
	Pennsylvania	44-45	:	Retail trade	:	. A	\II establishments		41,045	All establishments		
	California	44-45	:	Retail trade	:		C-corporations and other corporate legal forms of organization		40,942	All establishments		
	California	44-45	:	Retail trade	:	s	S-corporations		40,544	All establishments		
	Texas	44-45	:	Retail trade	:		C-corporations and other corporate legal forms of organization		37,116	All establishments		
	Illinois	44-45	:	Retail trade	:	. A	Il establishments		36,418	All establishments		



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Default map / I Q ٠ Search Advanced Search from the data All Maps Tables Pages Micro table Economic Surveys Number of employees in 56 Geos in 2020 Color coded and ٠ CBP2020 a legend is in 3 0 **1** ß \Diamond ピ \square Ē Å. (\times) (i) ~ the bottom left Select Clear Geos Year Colors Identify Table Variable(s) Layer Basemap Boundaries Classes Notes · _ _ WA ND MT MN ME WI SD VT OR MI ID WY MA IA NE PA OH IN Number of employees NV UT WV DC DE Geos: CO in 2020 KS 56 MO KY VA 11,210,907-15,710,859 1 **C**A 5,574,418-11,210,906 3 TN OK 2,959,865-5,574,417 9 NC AR 1,275,947-2,959,864 18 NM AZ 7,335-1,275,946 25 SC MS AL GA Styles LA State Ť United States® CB2000CBP | 2020 ECNSVY Business Pattern



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Customize with Census ٠ Search Advanced Search the ribbon Bureau All Maps Pages Tables 7**0** Economic Surveys ilters Number of employees in 56 Geos in 2020 =0 CBP2020 esults \$ ピ 3 0 1 \Diamond Ē Ġ. (\times) í ~ Select Clear Geos Colors Boundaries Classes Identify Table Variable(s) Layer Year Basemap Notes ND MT ME SD VT. OR MI (ID NH WY MA Number of employees IA Geos: CTRI NE in 2020 56 PA 4,328-6,929 2 2,848-4,327 2 NV UT CO 2,026-2,847 4 WV KS 1,402-2,025 9 KY VA 932-1,401 10 581-931 7 12 OK 312-580 AR 10-311 8 NM AZ No Data 2 SC MS AL Styles LA State Ϋ́ **United States**[®] CB2000CBP | 2020 ECNSVY E

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- Live Demo
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 - Mapping
- data.census.gov Resources
- Questions
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data.census.gov Resources

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How to Create a Map from Scratch

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How to Create a Map from a Table

Explanation of Mapping Button:

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- Developer Newsletter

Select your state: *

District of Columbia \sim

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Upcoming Webinars: Data.census.gov Newsletter – 2021 ACS 1-Year Pre-September 2022 × 10 Census 0 10 38 da 42 -C (D 18 1

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Upcoming Workshops

Get hands-on practice with data.census.gov by joining one of our upcoming workshops.

New Workshop Making the Most of Mapping in

Release Webinar: 9/8 at 2:00pm Learn how to access data and online resources from the 2021 American **Community Survey** (ACS) set to be publicly released on September 15. The webinar will also provide tips for comparing ACS geographies and

statistics over time. Details

Data.census.gov **News and Updates:** September 2022 9/28 at 2:00pm In this webinar we will

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