CPS and ACS data

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STATE HEALTH ACCESS DATA ASSISTANCE CENTER

Health Insurance Coverage in the United States: 2022

- Release date 9/12/2023
- National estimates based on Current Population Survey (CPS ASEC)
- Uninsured, Private Coverage, Public Coverage
- Age, race, employment status, along with a selection of social and economic characteristics

ACS brief with sub-national estimates released 9/14/2023

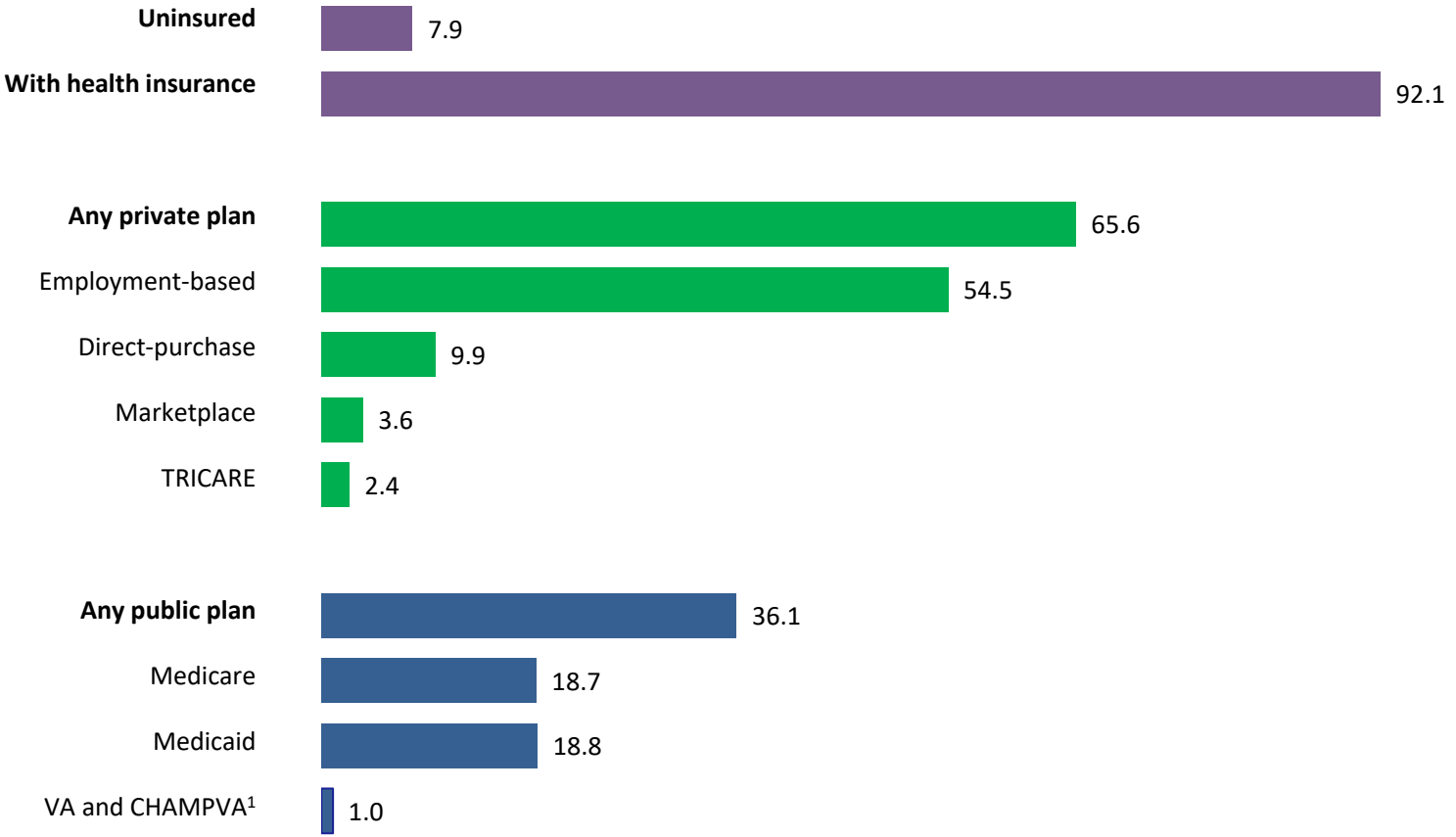
All comparative statements in this report have undergone statistical testing, and, unless otherwise noted, all comparisons are statistically significant at the 10 percent significance level.
The U.S. Census Bureau reviewed this data product for unauthorized disclosure of confidential information and approved the disclosure avoidance practices applied to this release. CBDRB-FY23-0432. CBDRB-FY23-SEHSD003-059. CBDRB-FY23-SEHSD003-060. CBDRB-FY23-SEHSD009-0005.
Note: Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <www2.census.gov/programs-surveys/cps/techdocs/cpsmar23.pdf>.
Source: U.S. Census Bureau, Current Population Survey, 2023 Annual Social and Economic Supplement (CPS ASEC).

Highlights

- The percentage of people without health insurance coverage for the entire calendar year was 7.9 percent, or 25.9 million people.
- Between 2021 and 2022, the uninsured rate decreased by 0.4 percentage points, and the number of uninsured decreased by about 1.3 million people.

Note: Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <www2.census.gov/programs-surveys/cps/techdocs/cpsmar23.pdf>.
Source: U.S. Census Bureau, Current Population Survey, 2022 and 2023 Annual Social and Economic Supplements (CPS ASEC).

Percentage of People by Type of Health Insurance Coverage: 2022



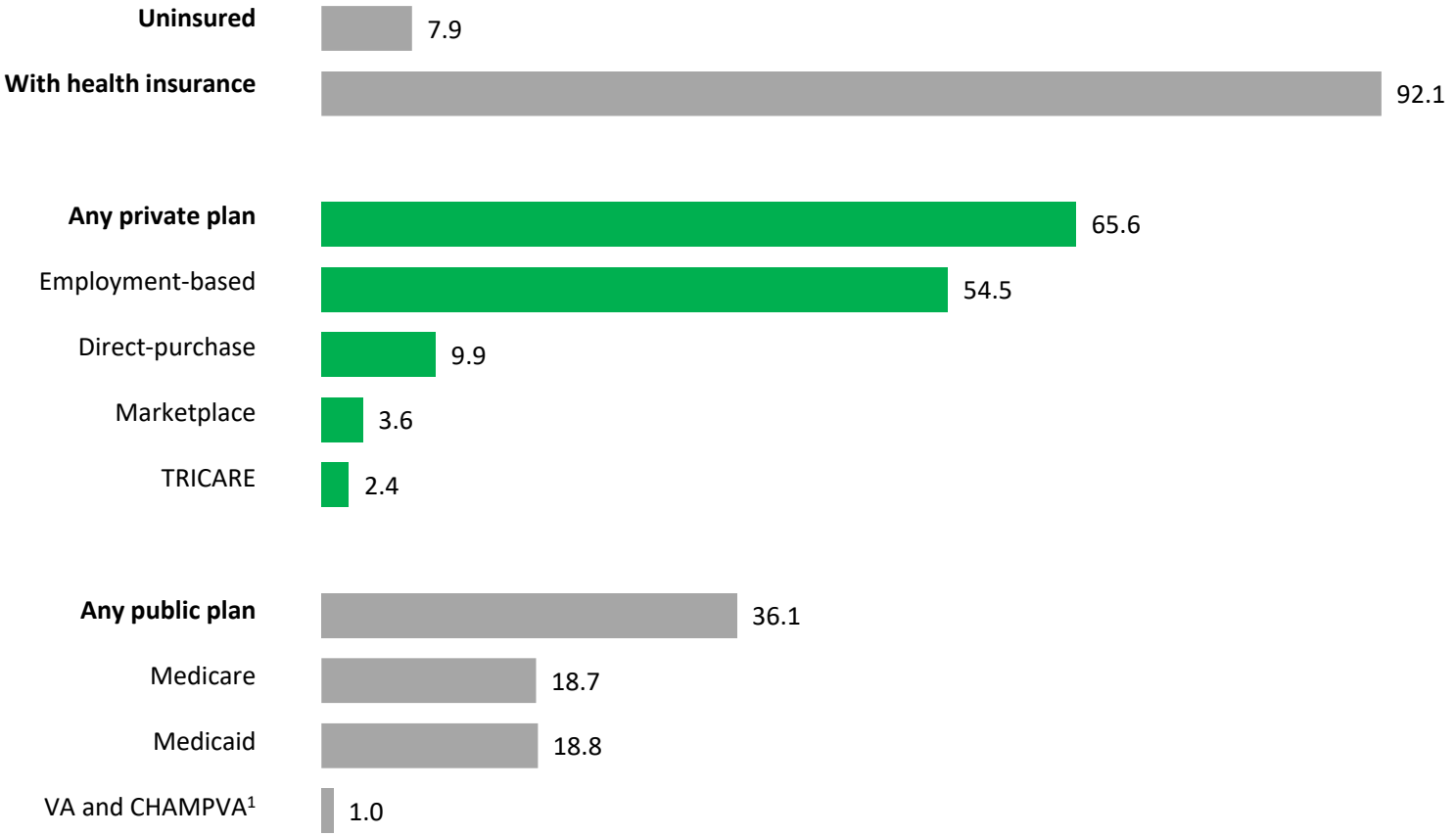
[1] Includes CHAMPVA (Civilian Health Medical Program of the Department of Veterans Affairs), as well as care provided by the Department of Veterans Affairs and the military.

Notes: Population as of March of the following year. The estimates by type of coverage are not mutually exclusive; people can be covered by more than one type of health insurance during the year. Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <www2.census.gov/programs-surveys/cps/techdocs/cpsmar23.pdf>.

Source: U.S. Census Bureau, Current Population Survey, 2023 Annual Social and Economic Supplement (CPS ASEC).

United States Census Bureau

Percentage of People by Type of Health Insurance Coverage: 2022



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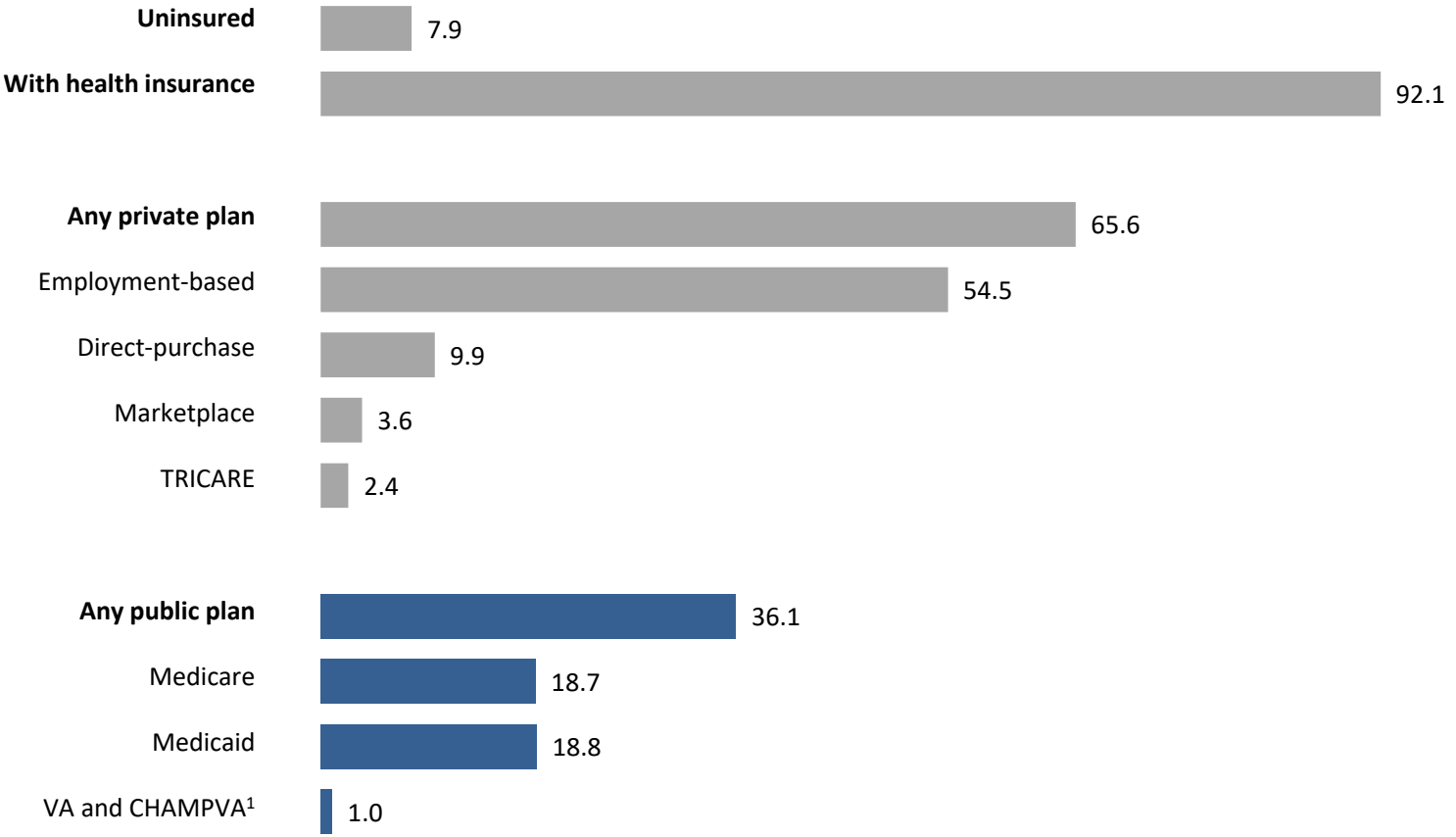
Notes: Population as of March of the following year. The estimates by type of coverage are not mutually exclusive; people can be covered by more than one type of health insurance during the year. Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <www2.census.gov/programs-surveys/cps/techdocs/cpsmar23.pdf>.

Source: U.S. Census Bureau, Current Population Survey, 2023 Annual Social and Economic Supplement (CPS ASEC).

United States Census Bureau

Percentage of People by Type of Health Insurance Coverage: 2022



[1] Includes CHAMPVA (Civilian Health Medical Program of the Department of Veterans Affairs), as well as care provided by the Department of Veterans Affairs and the military.

Notes: Population as of March of the following year. The estimates by type of coverage are not mutually exclusive; people can be covered by more than one type of health insurance during the year. Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <www2.census.gov/programs-surveys/cps/techdocs/cpsmar23.pdf>.

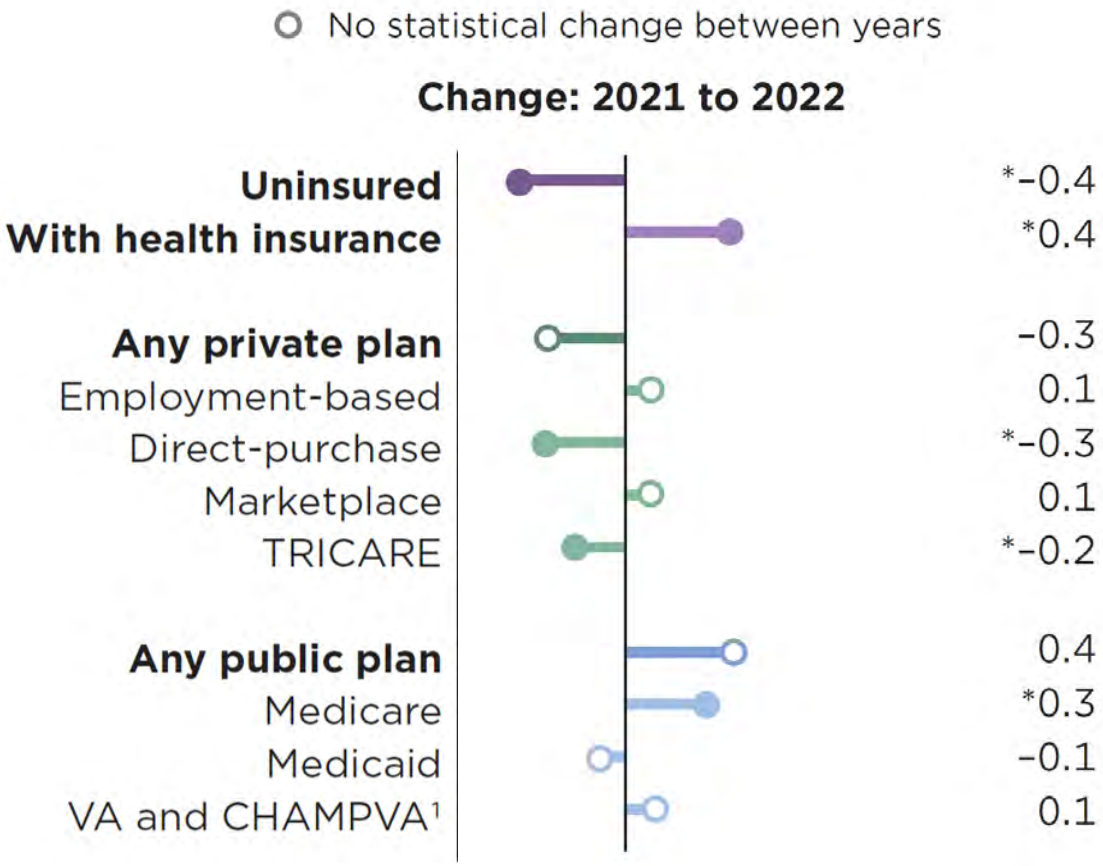
Source: U.S. Census Bureau, Current Population Survey, 2023 Annual Social and Economic Supplement (CPS ASEC).

United States Census Bureau

Changes in the rate of health insurance coverage reflect:

- Economic trends
- Demographic shifts
- Policy changes, such as the Affordable Care Act (ACA)

Change in Percentage of People by Type of Health Insurance Coverage: 2021 to 2022



*Denotes a statistically significant change between 2021 and 2022 at the 90 percent confidence level.

[1] Includes CHAMPVA (Civilian Health Medical Program of the Department of Veterans Affairs), as well as care provided by the Department of Veterans Affairs and the military.

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Source: U.S. Census Bureau, Current Population Survey, 2022 and 2023 Annual Social and Economic Supplements (CPS ASEC).

United States Census Bureau

America Counts Story: Improvements in Coverage

Health Insurance Coverage of U.S. Workers Increased in 2022

// Census.gov / America Counts: Stories / Health Insurance Coverage of U.S. Workers Increased in 2022

Health Insurance Rates for Working-Age Adults Higher by Race, Hispanic Origin, Region

United States Census Bureau

Percentage of Adults 19 to 64 Years with Health Insurance Coverage by Race and Hispanic Origin: 2021 and 2022

*Denotes a statistically significant difference at the 90 percent confidence level.
Note: Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <https://www2.census.gov/programs-surveys/cps/techdocs/cpsmar23.pdf>.
Source: U.S. Census Bureau, Current Population Survey 2022 and 2023 Annual Social and Economic Supplement (CPS ASEC).

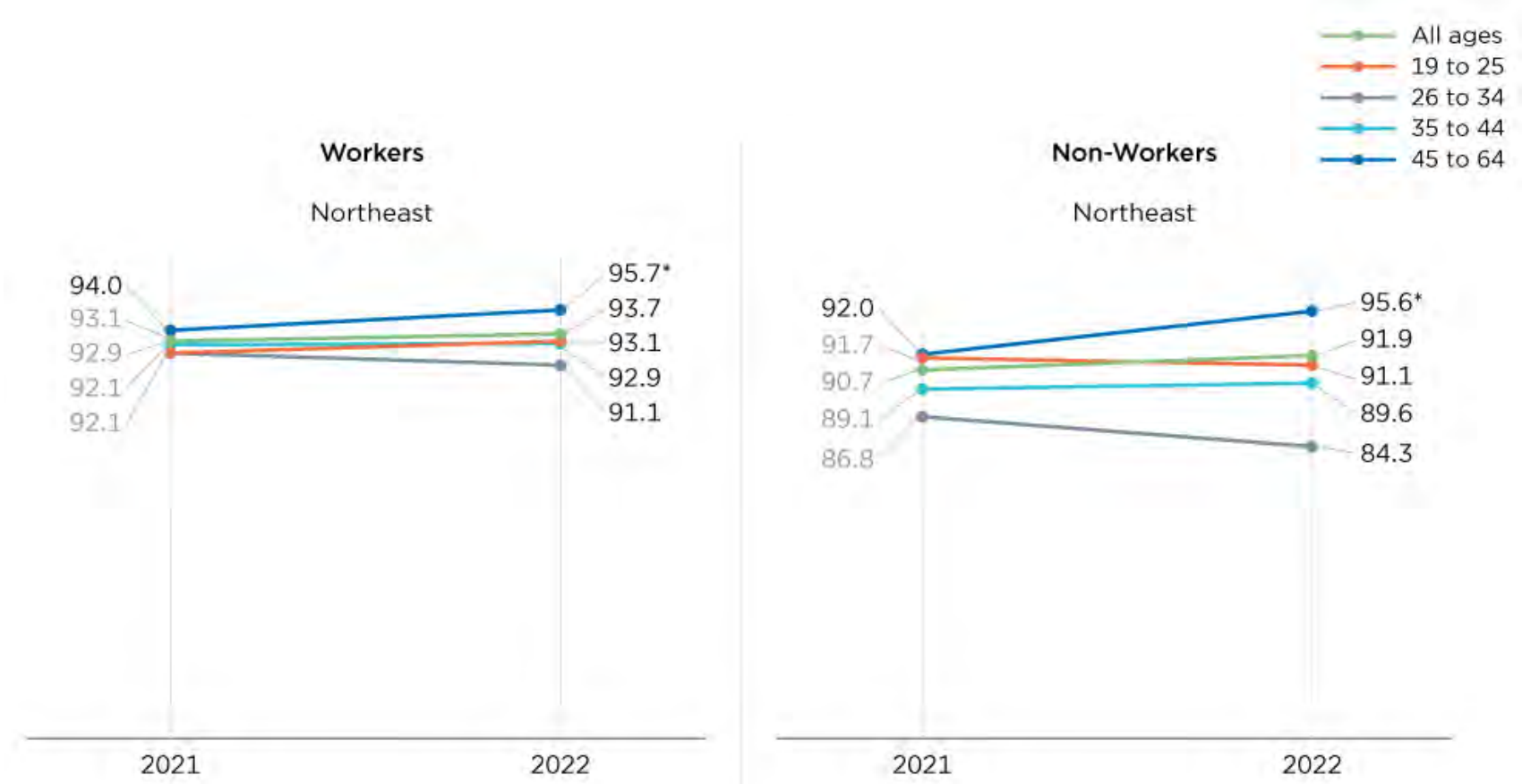
Denotes direction of statistically significant differences at the 90 percent confidence level between 2021 and 2022.

Percentage of Adults 19 to 64 Years with Health Insurance Coverage by Region: 2021 and 2022

*Denotes a statistically significant difference at the 90 percent confidence level.
Note: Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <https://www2.census.gov/programs-surveys/cps/techdocs/cpsmar23.pdf>.
Source: U.S. Census Bureau, Current Population Survey 2022 and 2023 Annual Social and Economic Supplement (CPS ASEC).

⇩⇧ Denotes direction of statistically significant differences at the 90 percent confidence level between 2021 and 2022.

Percentage of Adults 19 to 64 Years with Health Insurance Coverage by Age and Work Status-Northeast Region: 2021 and 2022



*Denotes a statistically significant difference at the 90 percent confidence level.
Note: Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <https://www2.census.gov/programs-surveys/cps/techdocs/cpsmar23.pdf>.
Source: U.S. Census Bureau, Current Population Survey 2022 and 2023 Annual Social and Economic Supplement (CPS ASEC).

Working Paper: Health Insurance Coverage 2013 to 2022

// Census.gov / Census Working Papers / Estimates of Health Insurance Coverage, 2013 to 2022

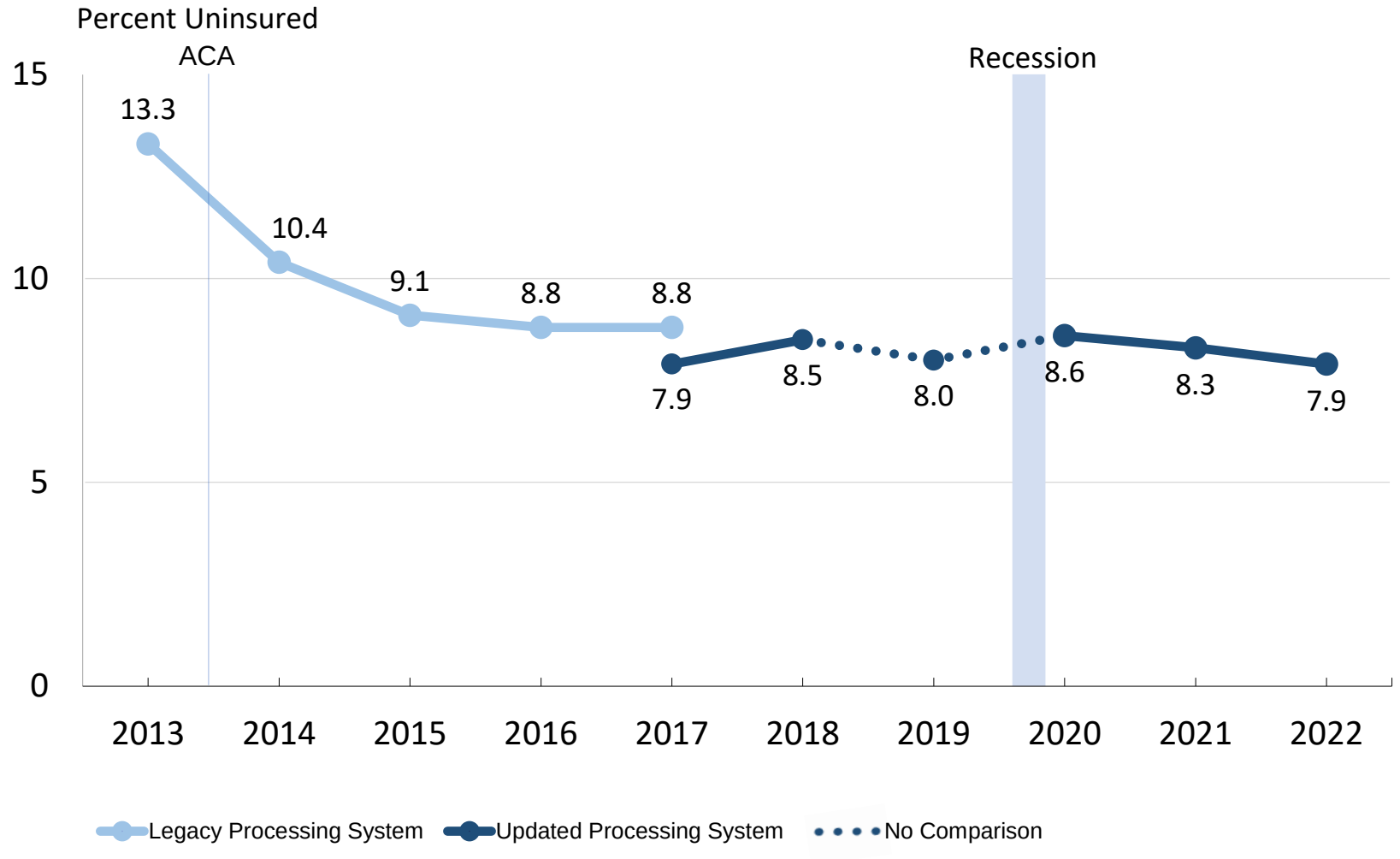
Estimates of Health Insurance Coverage, 2013 to 2022

September 12, 2023

Written by: Rachel A. Lindstrom, Katherine Keisler-Starkey, and Lisa N. Bunch

Working Paper Number SEHSD-WP2023-27

Working Paper: Health Insurance Coverage 2013 to 2022



Notes: Beginning in 2020, population controls were based on the 2020 Census. ACA marks when provisions of the Affordable Care Act went into effect. People are considered uninsured if they did not hold insurance for the entire calendar year. Population as of March of the following year.
Source: U.S. Census Bureau, Current Population Survey, 2018 Annual Social and Economic Supplement Bridge File and 2014 to 2023 Annual Social and Economic Supplements (CPS ASEC).

Working Paper: Health Insurance Coverage 2013 to 2022

Comparison Guidance for Calendar Year Estimates of CPS ASEC Health Insurance

	2013 to 2015	2016	2017	2018	2020	2021 and beyond
Pre-2013	No	No	No	No	No	No
2013 to 2015	Yes	Yes[1]	Yes[1]	No	No	No
2016	Yes[1]	Yes	Yes[2]	Yes[3]	Yes[3]	Yes[3]
2017	Yes[1]	Yes[2]	Yes	Yes[3]	Yes[3]	Yes[3]
2018	No	Yes[3]	Yes[3]	Yes	Yes	Yes
2019	No	Use Caution[4]	Use Caution[4]	Use Caution[4]	Use Caution[4]	Use Caution[4]
2020	No	Yes[3]	Yes[3]	Yes	Yes	Yes
2021 and beyond	No	Yes[3]	Yes[3]	Yes	Yes	Yes

[1] Calendar year estimates from 2013 to 2015 can be compared to calendar year estimates from 2016 and 2017 using the original production files.

[2] Calendar year estimates from 2016 and 2017 can be compared to each other using either the 2017 CPS ASEC Research File in conjunction with the 2018 CPS ASEC Bridge File, or by using both the 2017 and 2018 CPS ASEC Production Files. Calendar years 2016 and 2017 can be compared to 2018, 2020, and beyond using the 2017 CPS ASEC Research File and 2018 CPS ASEC Bridge File, respectively.

[3] CPS ASEC Files for calendar years 2018, 2020, and beyond can be compared to each other. They can also be compared to estimates from 2016 using the 2017 CPS ASEC Research File and 2017 using the 2018 CPS ASEC Bridge File.

[4]The Census Bureau recommends users consider the impact of the pandemic on 2020 CPS ASEC data collection when interpreting changes in health insurance coverage between calendar year 2019 and other years. For more information refer to <https://www.census.gov/content/dam/Census/library/working-papers/2020/demo/sehsd-wp2020-13.pdf >.

Note: All years refer to calendar years.

United States Census Bureau

CPS ASEC Summary

- The percentage of people without health insurance coverage for the entire calendar year was 7.9 percent, or 25.9 million people.
- Between 2021 and 2022, the uninsured rate decreased 0.4 percentage points, and the number of uninsured decreased by about 1.3 million people.
- The rate of Medicare coverage increased between 2021 and 2022, driven by an increase in the population over age 65.
- The increase in the insured rate occurred across many sociodemographic groups.

2022 1-Year ACS Public Use Microdata (PUMS) Release

// Census.gov / News & Updates / American Community Survey Data Releases / 2022 Data Release / 2022 Data Release Schedule

2022 Data Release Schedule

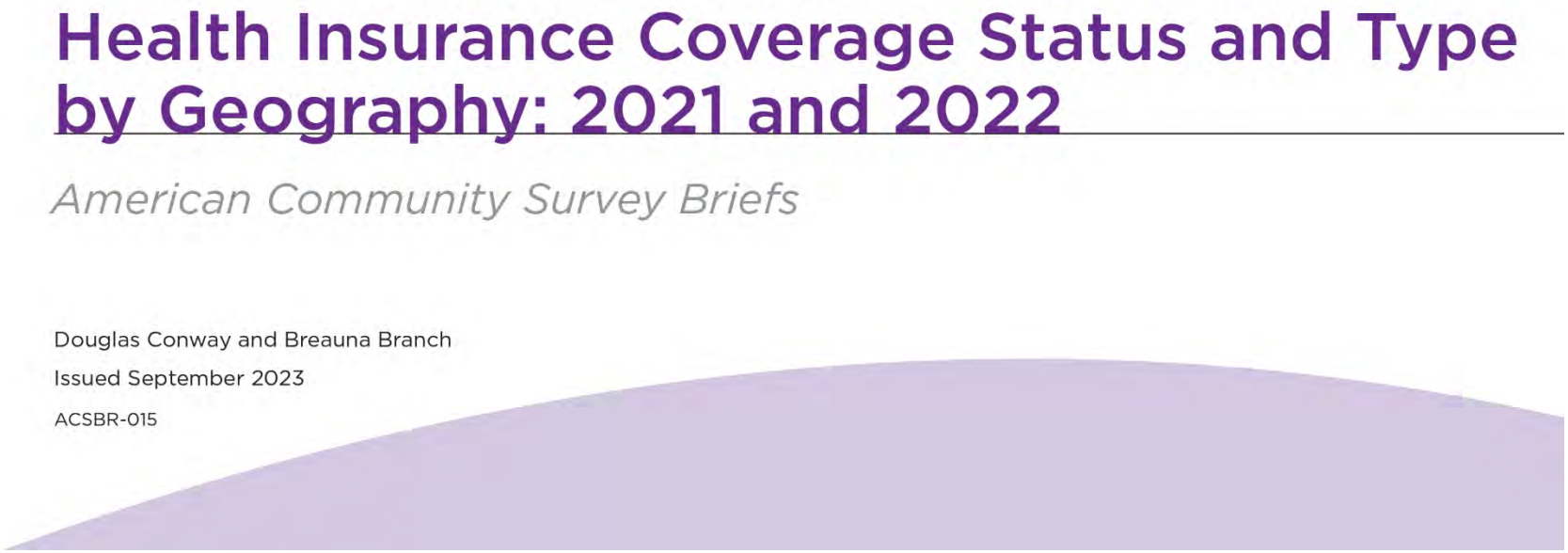
Planned Release	Data Products[1]	Lowest Level Geography[2]
October 19, 2023	1-Year Public Use Microdata Sample (PUMS) Files	Public Use Microdata Area (PUMA)
	1-Year Supplemental Estimates Release: • Supplemental Tables	Places, County Subdivisions (where available) Geographies of 20,000+ population

1 For information on the types of data products available, see the ACS Data Tables and Tools. This year, ACS data products will be released on the Census Bureau's new data dissemination platform at data.census.gov. American FactFinder will not host any of the 2018 ACS data releases. Geographic Comparison Tables and Ranking Tables will not be supported on data.census.gov for the 2018 ACS release, and the Census Bureau is in the process of determining whether the new platform will support these types of tables in the future.

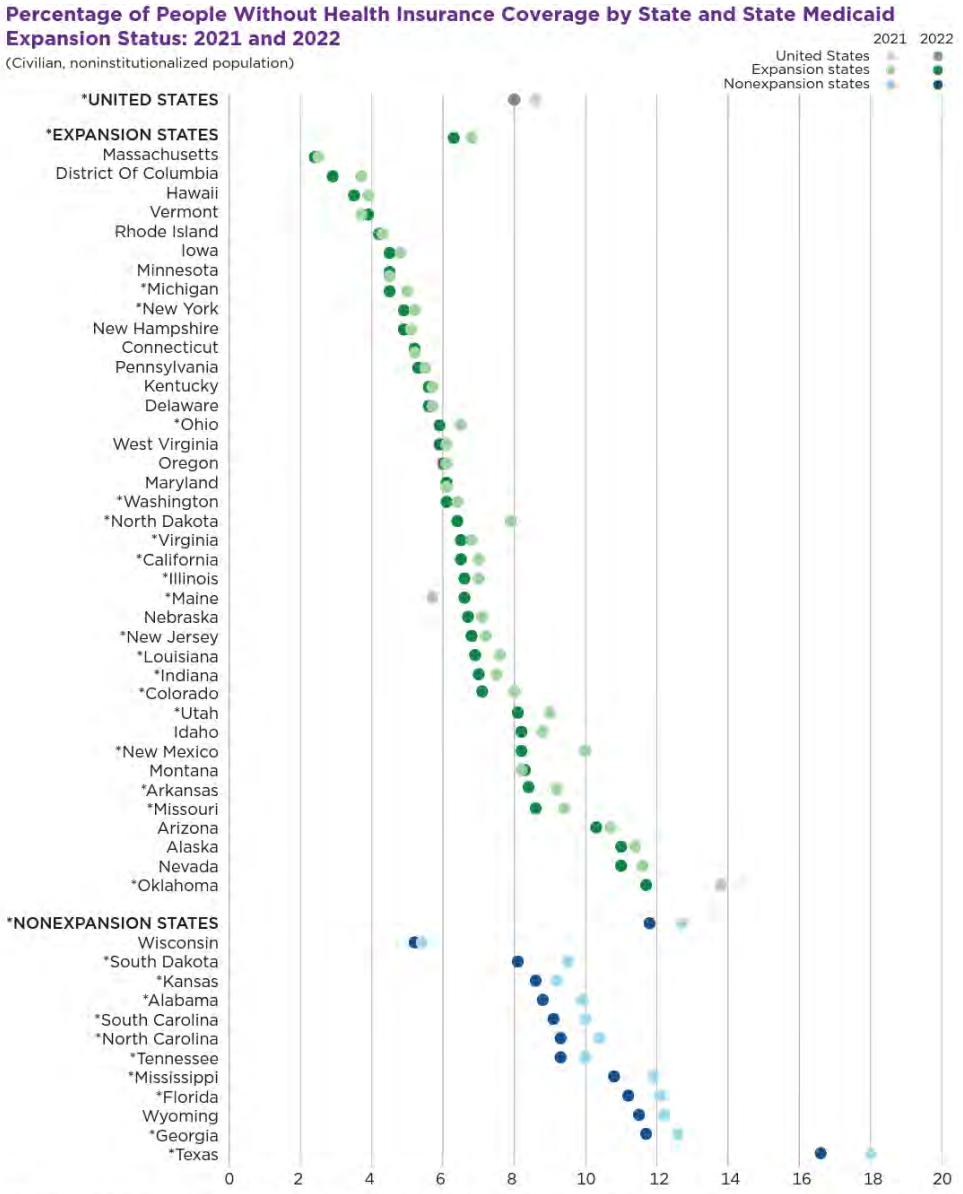
2 The lowest level of geography refers to the Census geographic hierarchy. For more information on census geography, see the Geography Program Glossary.

ACS Brief: By Geography

<https://www.census.gov/library/publications/2023/acs/acsbr-015.html>



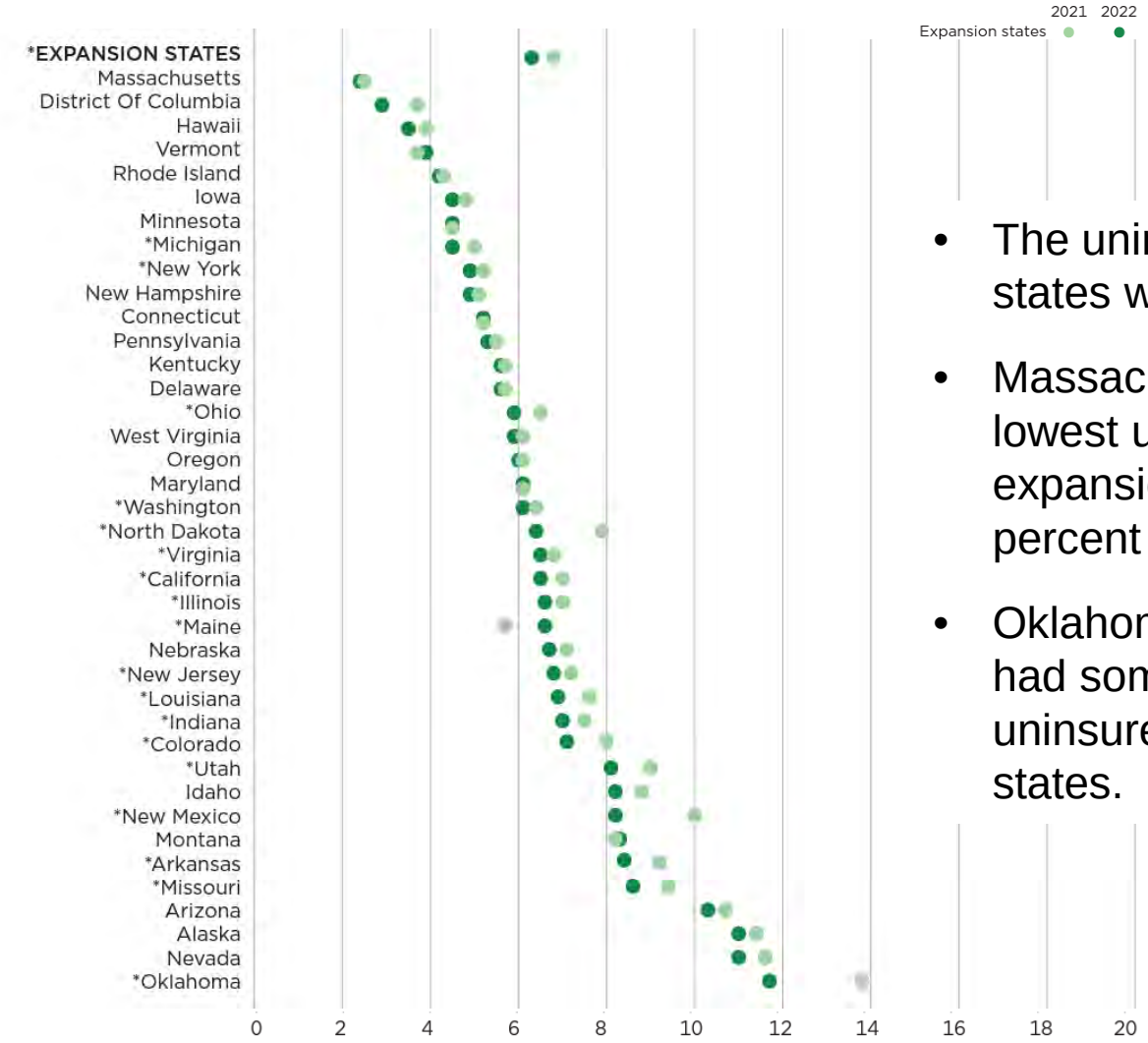
ACS Brief: By Geography



* Denotes a statistically significant change between 2021 and 2022 at the 90 percent confidence level.
Note: State Medicaid expansion status in 2022 is used to estimate change between 2021 and 2022. For information on expansion status, refer to Appendix Table A-1. For information on confidentiality protection, sampling error, nonsampling error, and definitions in the American Community Survey, refer to <https://www2.census.gov/programs-surveys/acs/tech_docs/accuracy/ACS_Accuracy_of_Data_2022.pdf>.
Source: U.S. Census Bureau, 2021 and 2022 American Community Survey, 1-year estimates.

United States Census Bureau

ACS Brief: Uninsured Rate Expansion States

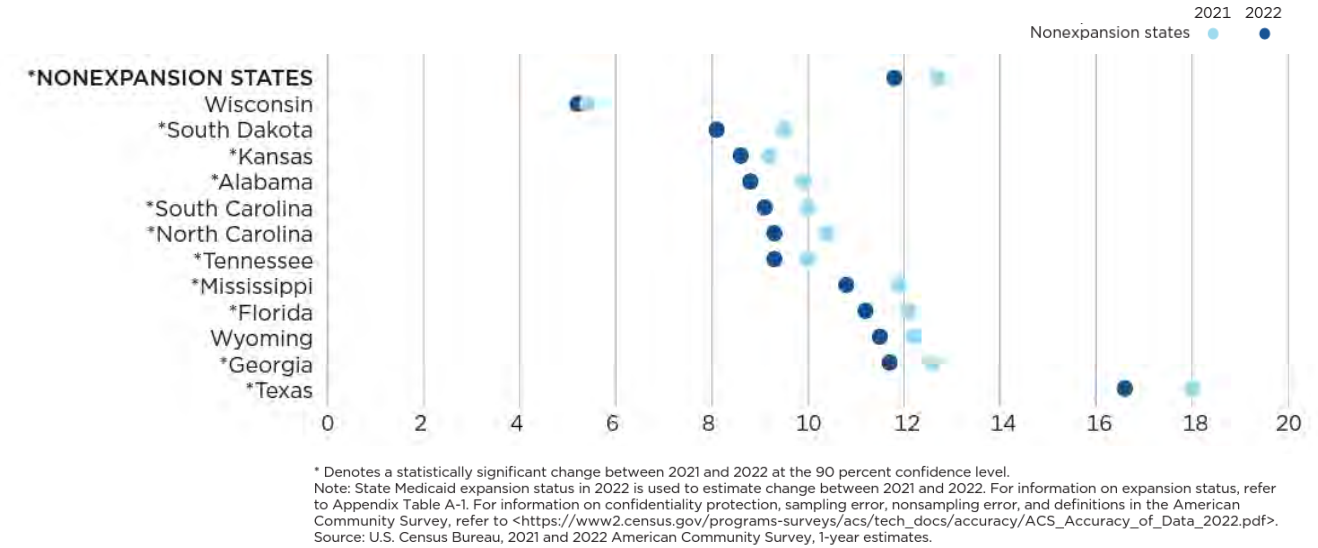


- The uninsured rate for expansion states was 6.3 percent.
- Massachusetts had one of the lowest uninsured rate of all expansion states with 2.4 percent uninsured.
- Oklahoma, Nevada, and Alaska had some of the highest uninsured rates of all expansion states.

* Denotes a statistically significant change between 2021 and 2022 at the 90 percent confidence level.
Note: State Medicaid expansion status in 2022 is used to estimate change between 2021 and 2022. For information on expansion status, refer to Appendix Table A-1. For information on confidentiality protection, sampling error, nonsampling error, and definitions in the American Community Survey, refer to <https://www2.census.gov/programs-surveys/acs/tech_docs/accuracy/ACS_Accuracy_of_Data_2022.pdf>.
Source: U.S. Census Bureau, 2021 and 2022 American Community Survey, 1-year estimates.

United States Census Bureau

ACS Brief: Uninsured Rate Nonexpansion States



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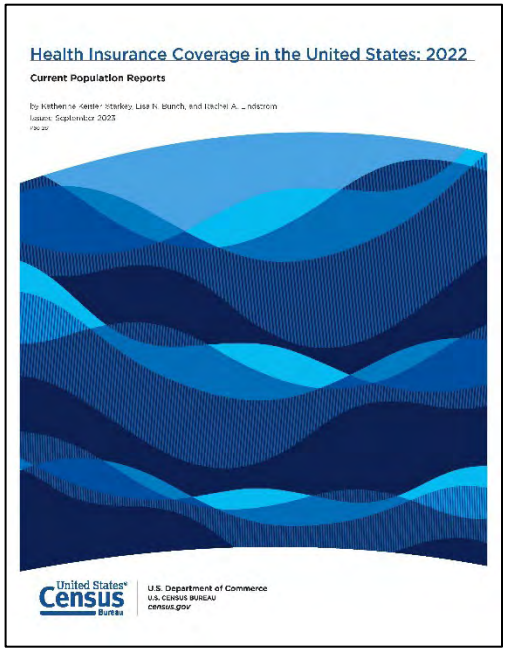
Note: State Medicaid expansion status in 2022 is used to estimate change between 2021 and 2022. For information on expansion status, refer to Appendix Table A-1. For information on confidentiality protection, sampling error, nonsampling error, and definitions in the American Community Survey, refer to <https://www2.census.gov/programs-surveys/acs/tech_docs/accuracy/ACS_Accuracy_of_Data_2022.pdf>.
Source: U.S. Census Bureau, 2021 and 2022 American Community Survey, 1-year estimates.

- The uninsured rate for nonexpansion states was 11.8 percent.
- Wisconsin had the lowest uninsured rate of all nonexpansion states with 5.2 percent uninsured.
- Texas had the highest uninsured rate of all nonexpansion states with 16.6 percent uninsured.

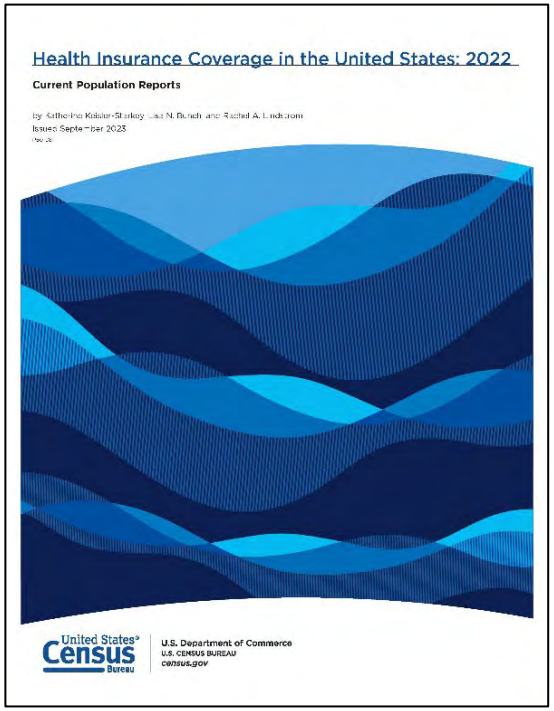
Summary of Findings and More



- In the CPS ASEC, the uninsured rate decreased by 0.4 percentage points, driven by an increase in Medicare coverage.
- In the ACS, the uninsured rate among states ranged from 2.4 percent in Massachusetts to 16.6 percent in Texas.
- Between 2021 and 2022, both Oklahoma and New Mexico's uninsured rate declined by about 2 percentage points.

- In the CPS ASEC the uninsured rate for all of 2022 was 7.9 percent.
- In the ACS the uninsured rate at the time of interview was 8.0 percent.

For more information:

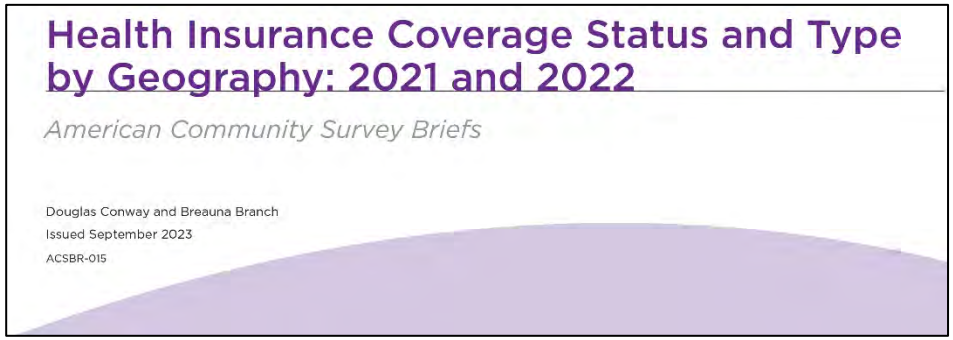


<www.census.gov/library/publications/2023/demo/p60-281.html>

<https://www.census.gov/library/publications/2023/acs/acsbr-015.html>

<https://www.census.gov/library/stories.html>

<https://www.census.gov/library/working-papers/series/sehsd-wp.html>



America Counts: Stories Behind the Numbers

We feature stories on various topics such as families, housing, employment, business, education, the economy, emergency management, and population.

Social, Economic, and Housing Statistics Division Working Papers

United States Census Bureau

Accessing Estimates

- Supplemental release materials
- Tables on data.census.gov
- Microdata

Accessing Estimates

- **Supplemental release materials**
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Accessing Estimates: Supplemental Release Materials on the Updated census.gov Website

Health Insurance Library: <https://www.census.gov/topics/health/health-insurance/library.html>

- CPS detailed and historical tables
- ACS detailed and historical tables
- Interactive data visualizations
- Publications and working papers

Accessing Estimates: Additional Tables

Health insurance website: detailed and historical CPS tables

Detail: <www.census.gov/data/tables/time-series/demo/income-poverty/cps-hi/hi.html>

Historical: <www.census.gov/library/publications/2023/demo/p60-281.html>

Table H-01. Health Insurance Coverage Status and Type of Coverage by Selected Characteristics for All People: 2022

Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <https://www2.census.gov/programs-surveys/cps/techdocs/cpsmar23.pdf>.

Source: U.S. Census Bureau, Current Population Survey, 2023 Annual Social and Economic Supplement (CPS ASEC).

(Numbers in thousands, margins of error in thousands or percentage points as appropriate. People as of March of the following year)

All Persons

Characteristic	Total	Any health insurance				Private total				Employment-based			
		Number	Margin of error[1] (±)	Percent	Margin of error[1] (±)	Number	Margin of error[1] (±)	Percent	Margin of error[1] (±)	Number	Margin of error[1] (±)	Percent	
Total	330,000	304,000	746	92.1	0.2	216,500	1,399	65.6	0.4	179,800	1,369	54.5	
Family Status													
In families	264,900	245,600	1,205	92.7	0.3	177,500	1,482	67.0	0.5	149,300	1,431	56.4	
Householder	84,350	78,620	517	93.2	0.2	59,020	550	70.0	0.5	48,600	508	57.6	
Related children under 18	70,610	67,020	344	94.9	0.4	43,770	527	62.0	0.7	38,960	537	55.2	
Related children under 6	21,350	20,280	164	95.0	0.5	12,840	244	60.1	1.1	11,490	252	53.8	
In unrelated subfamilies	917	797	124	86.9	4.5	520	96	56.7	6.2	461	93	50.2	
Unrelated individuals	64,150	57,630	939	89.8	0.4	38,560	781	60.1	0.7	30,030	684	46.8	
Race[3] and Hispanic Origin													
White	248,700	229,200	650	92.1	0.2	166,900	1,166	67.1	0.5	137,000	1,126	55.1	
White, not Hispanic	193,100	183,600	494	95.1	0.2	139,700	1,031	72.3	0.5	114,500	1,009	59.3	
Black	44,540	40,820	259	91.7	0.6	25,230	474	56.6	1.1	21,760	475	48.9	
Asian	21,550	20,270	298	94.1	0.6	15,560	343	72.2	1.3	13,350	353	62.0	
Hispanic (any race)	63,790	52,840	410	82.8	0.6	31,510	539	49.4	0.8	26,180	493	41.0	
Age													

United States Census Bureau

Accessing Estimates: Additional Tables

Health insurance website: detailed and historical ACS tables

Detail: <www.census.gov/data/tables/time-series/demo/health-insurance/acs-hi.html>

Historical: <www.census.gov/library/publications/2023/demo/p60-281.html>

Table HI05_ACS. Health Insurance Coverage Status and Type of Coverage by State and Age for All Persons: 2022

Information on confidentiality protection, sampling error, nonsampling error, and definitions is available at <https://www2.census.gov/programs-surveys/acs/tech_docs/accuracy/ACS_Accuracy

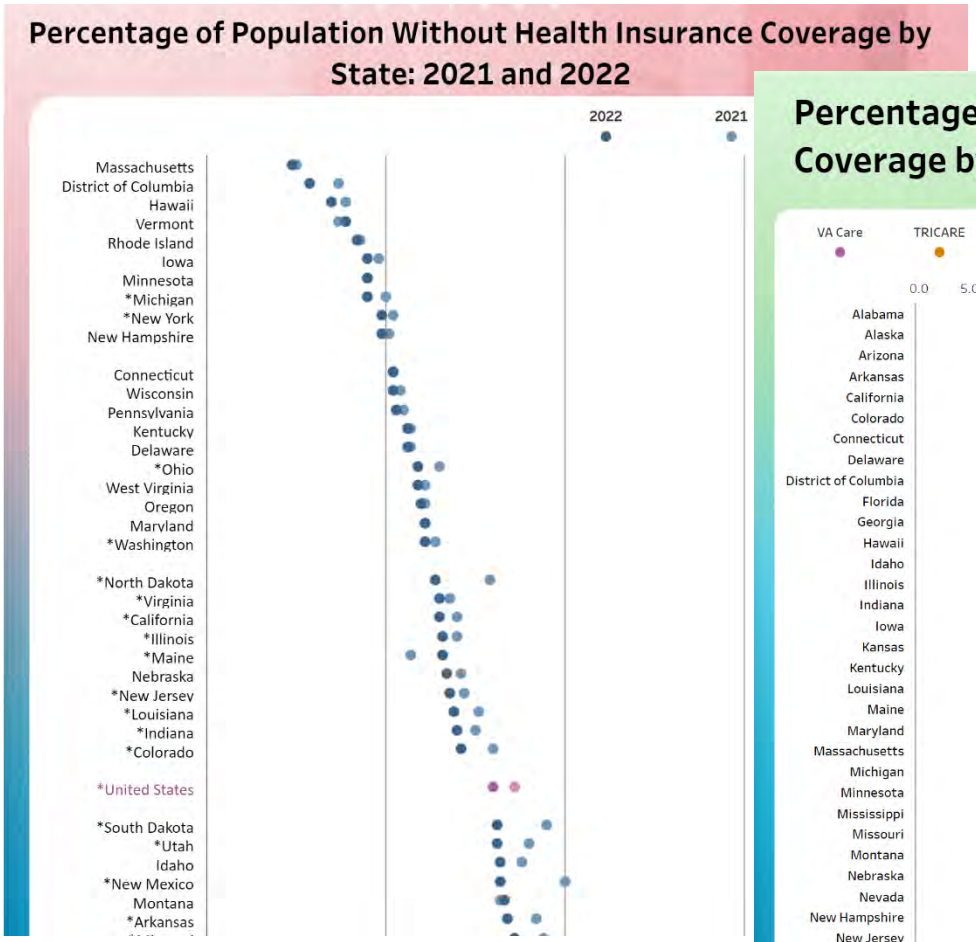
Source: U.S. Census Bureau, 2022 American Community Survey (ACS).

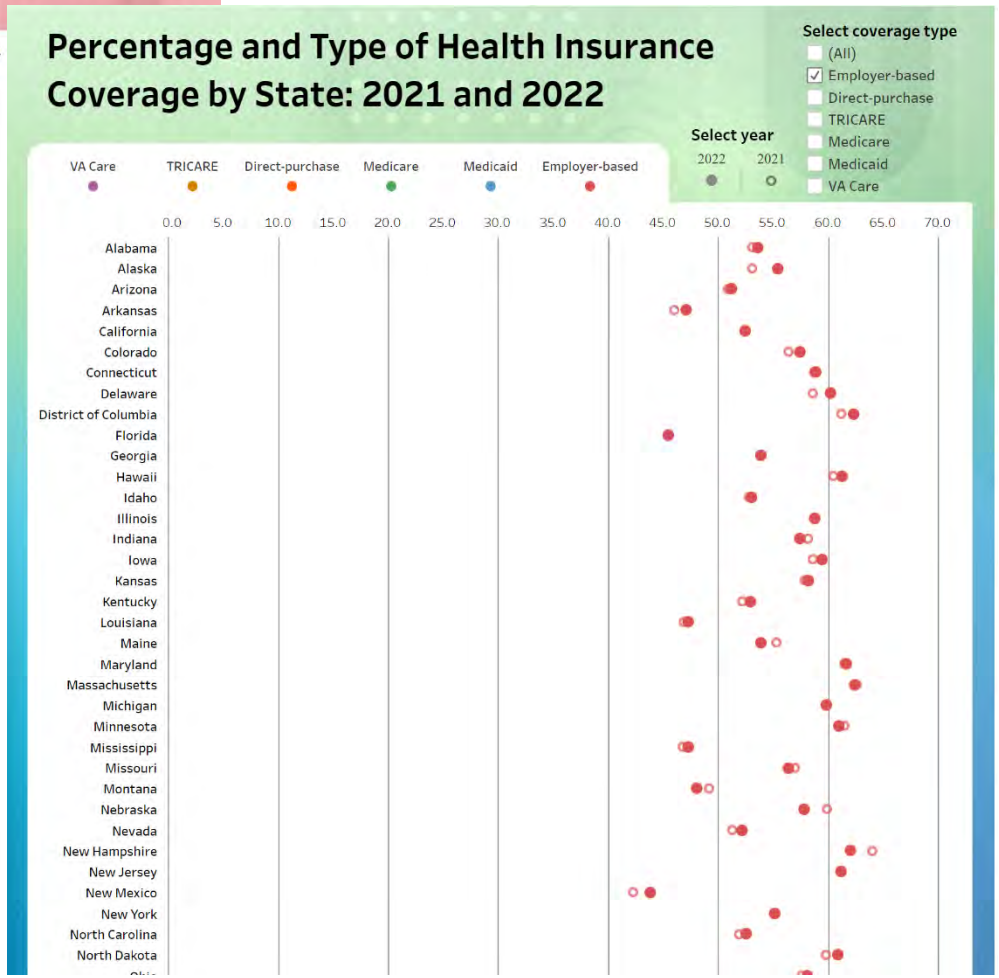
(Numbers in thousands. Civilian noninstitutionalized population. Margins of error calculated using replicate weights)

Nation/State	Characteristic	Total		Number	Margin of error	Percent	Margin of error	Number	Margin of error	Percent
		Number	Margin of error							
United States	All people	328,300	17	301,900	177	92.0	0.1	220,700	456	67.2
	Under 65 years	271,900	29	246,000	164	90.5	0.1	189,700	399	69.8
	Under 19 years	76,740	53	72,810	69	94.9	0.1	46,520	156	60.6
	19 - 64 years	195,100	52	173,200	167	88.7	0.1	143,200	269	73.4
	65 years and over	56,420	24	55,960	30	99.2	Z	30,930	91	54.8
Alabama	All people	4,989	2	4,551	17	91.2	0.3	3,342	25	67.0
	Under 65 years	4,099	4	3,665	17	89.4	0.4	2,824	23	68.9
	Under 19 years	1,183	6	1,145	8	96.9	0.4	655	12	55.4
	19 - 64 years	2,916	7	2,520	17	86.4	0.5	2,169	19	74.4
	65 years and over	890	3	886	3	99.6	0.1	517	8	58.1
	All people	702	3	625	6	89.0	0.8	466	8	66.4

Accessing Estimates: Interactive Graphics

Interactive graphics: <https://www.census.gov/library/visualizations/interactive.html>





America Counts Story: Coverage in States

Uninsured Rates Decreased in Over Half of U.S. States in 2022

// Census.gov / America Counts: Stories / Uninsured Rates Decreased in Over Half of U.S. States in 2022

Changes in Types of Health Insurance Coverage Contributed to Declines in Uninsured Rates From 2021 to 2022

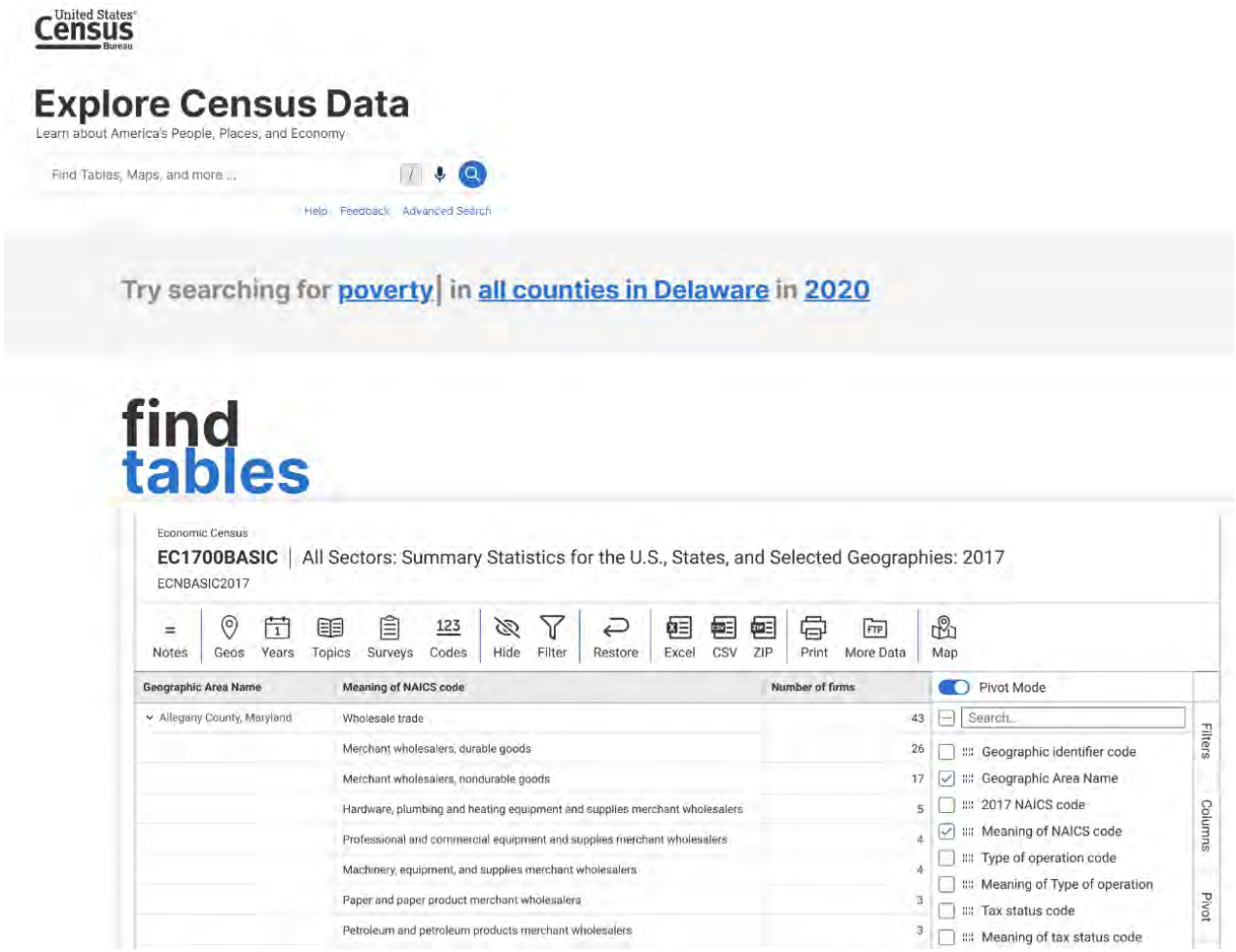
September 14, 2023

Written by: Caitlin Carter

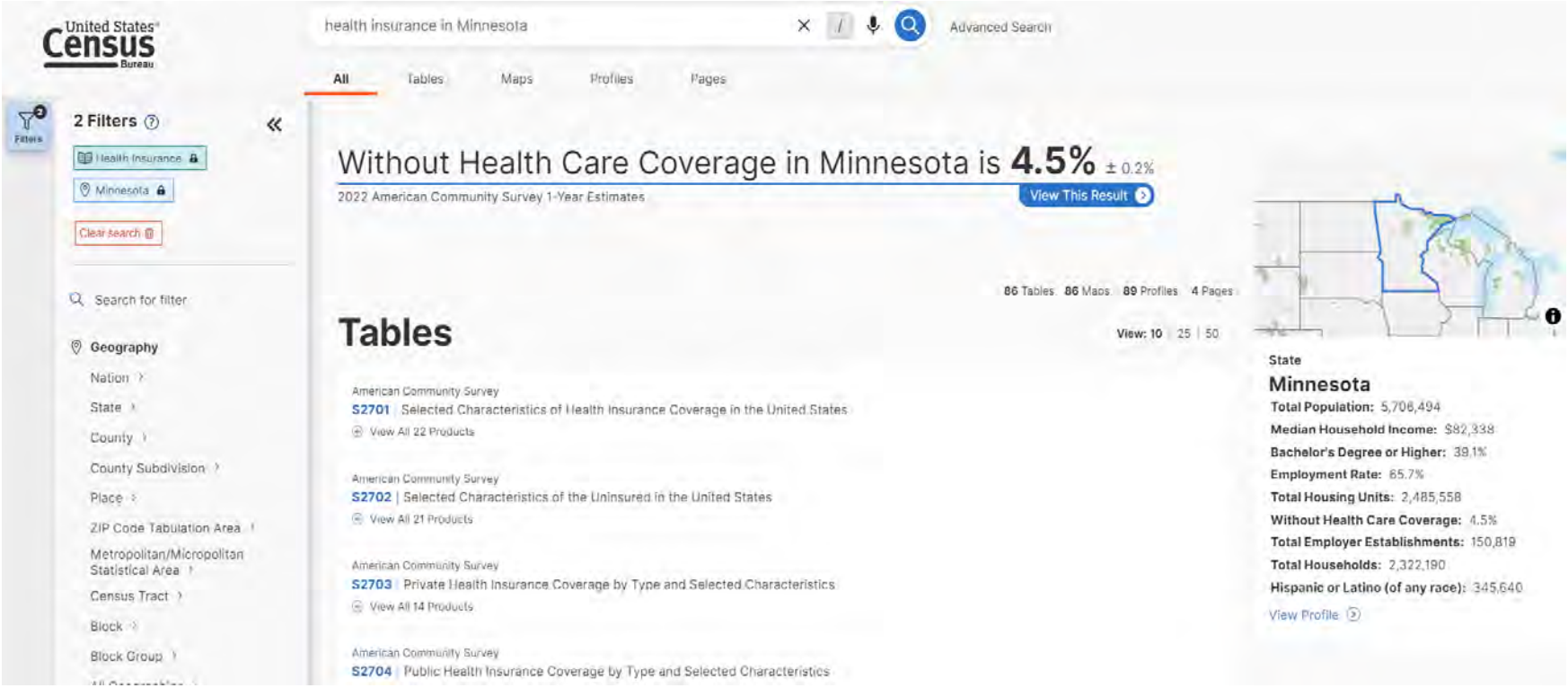
Accessing Estimates

- Supplemental release materials
- **Tables on data.census.gov**
- Microdata

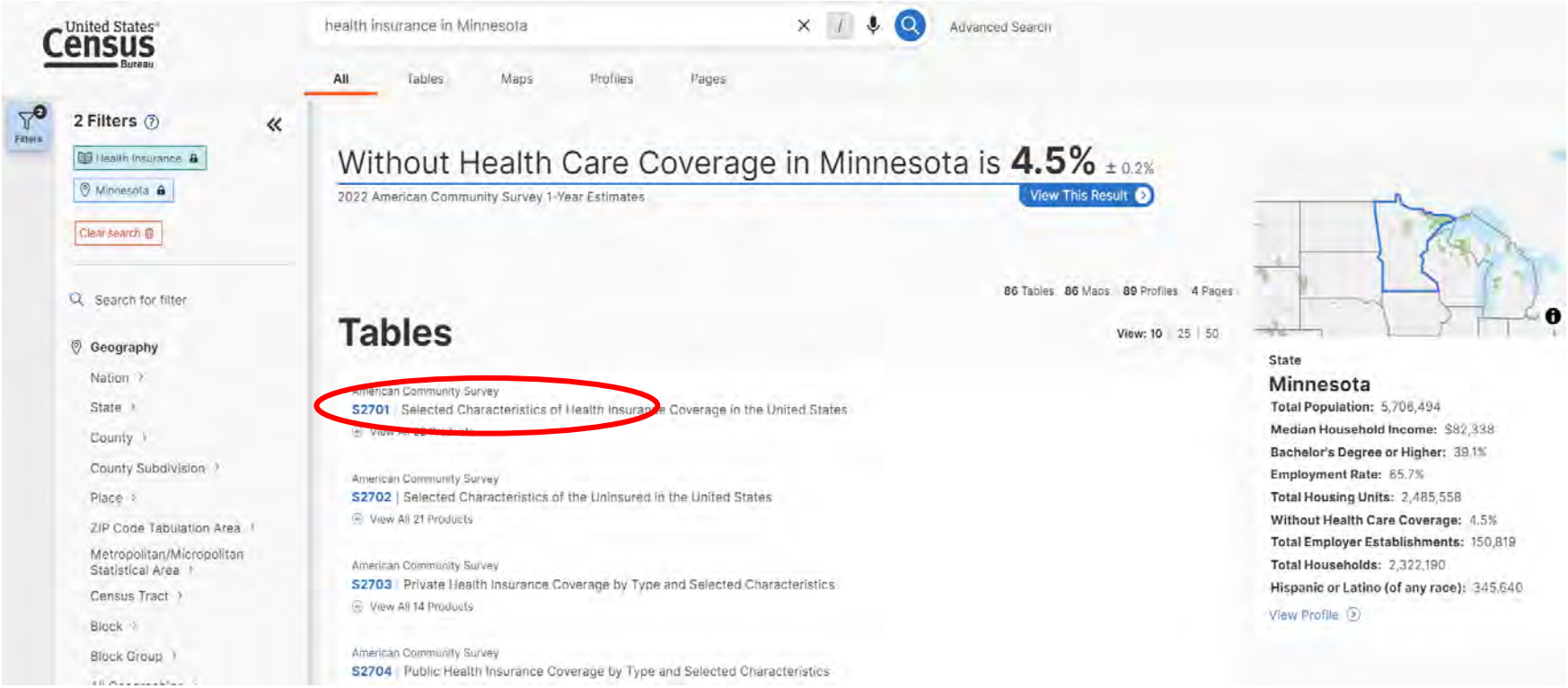
Accessing Estimates: data.census.gov



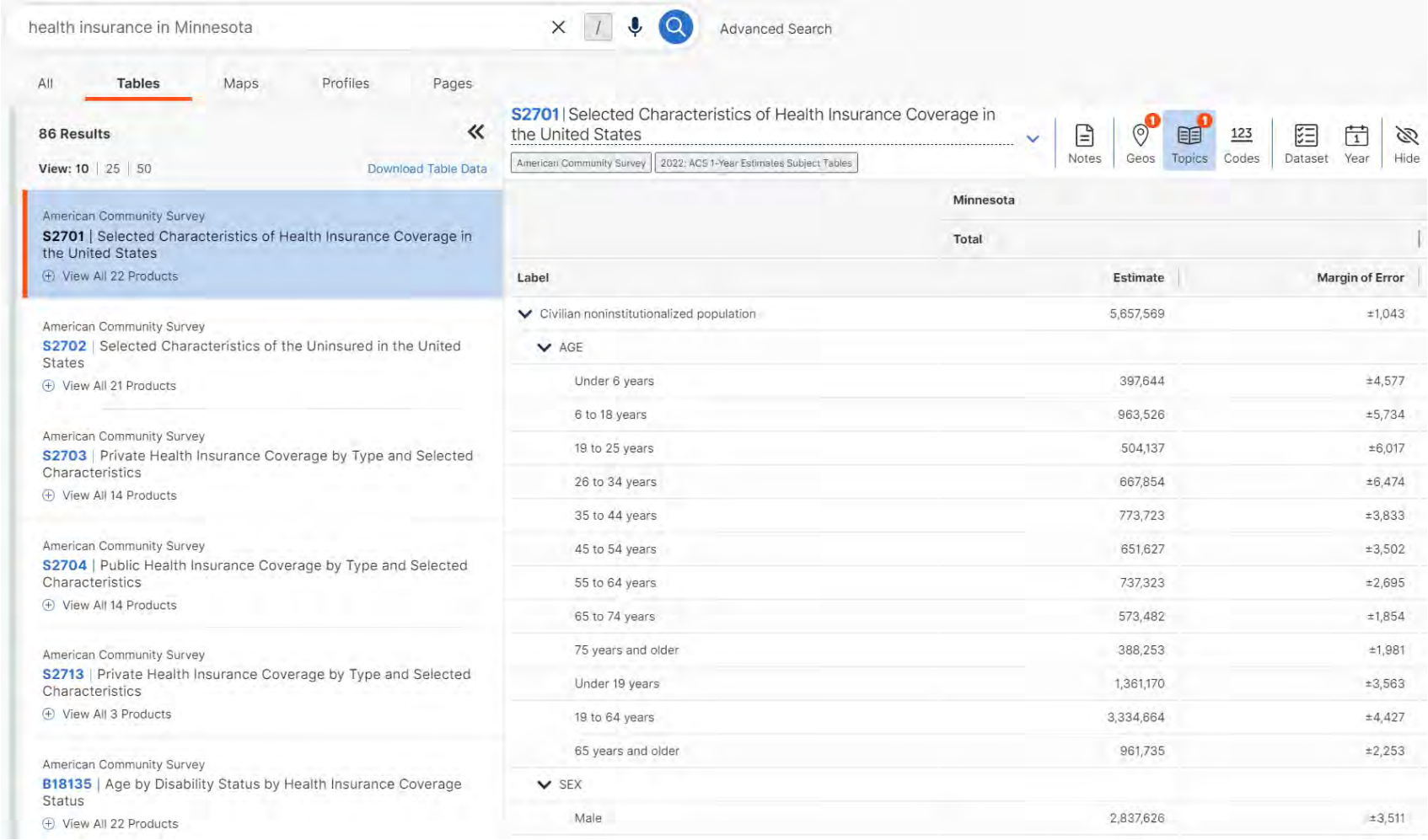
ACS data on data.census.gov



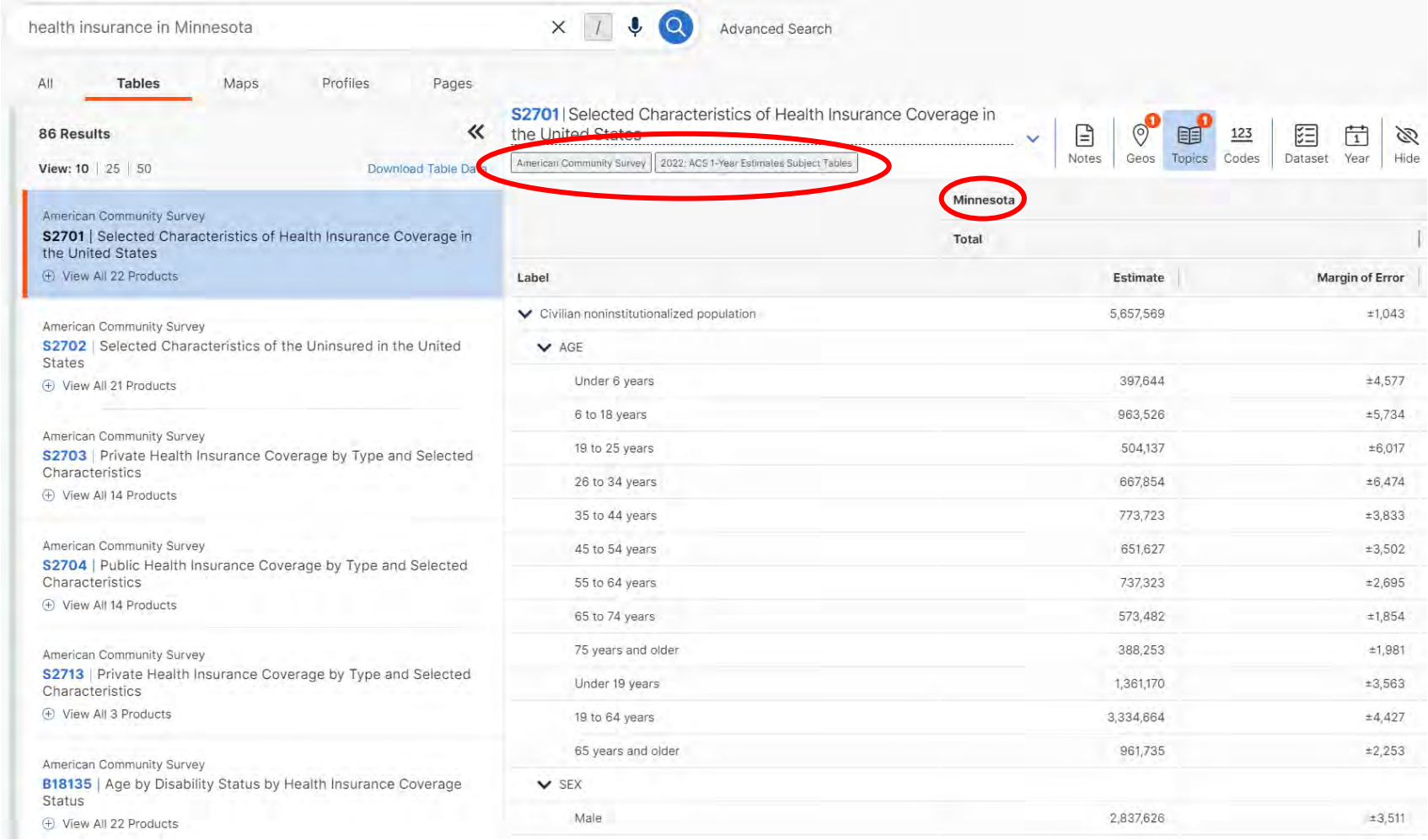
ACS data on data.census.gov



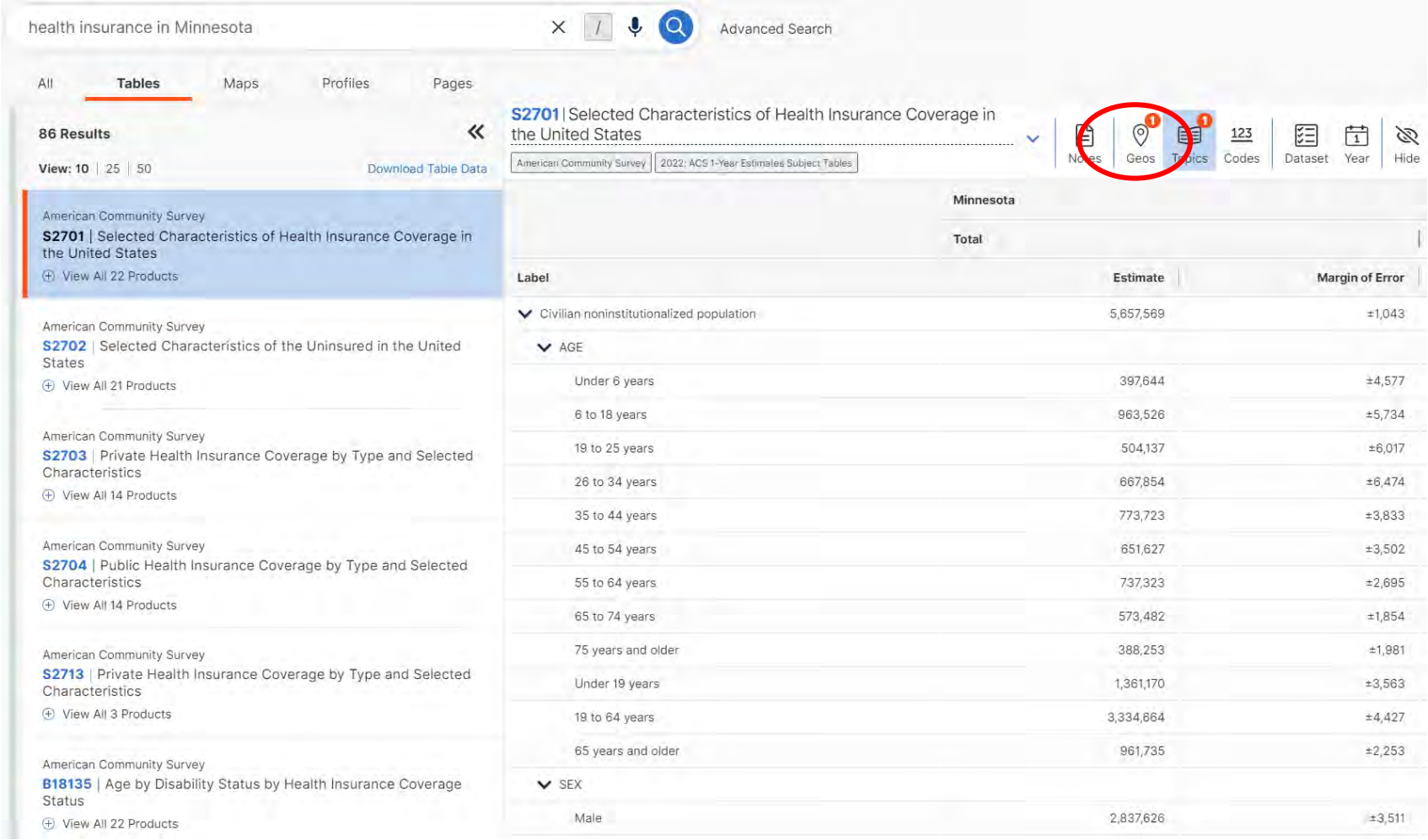
ACS data on data.census.gov



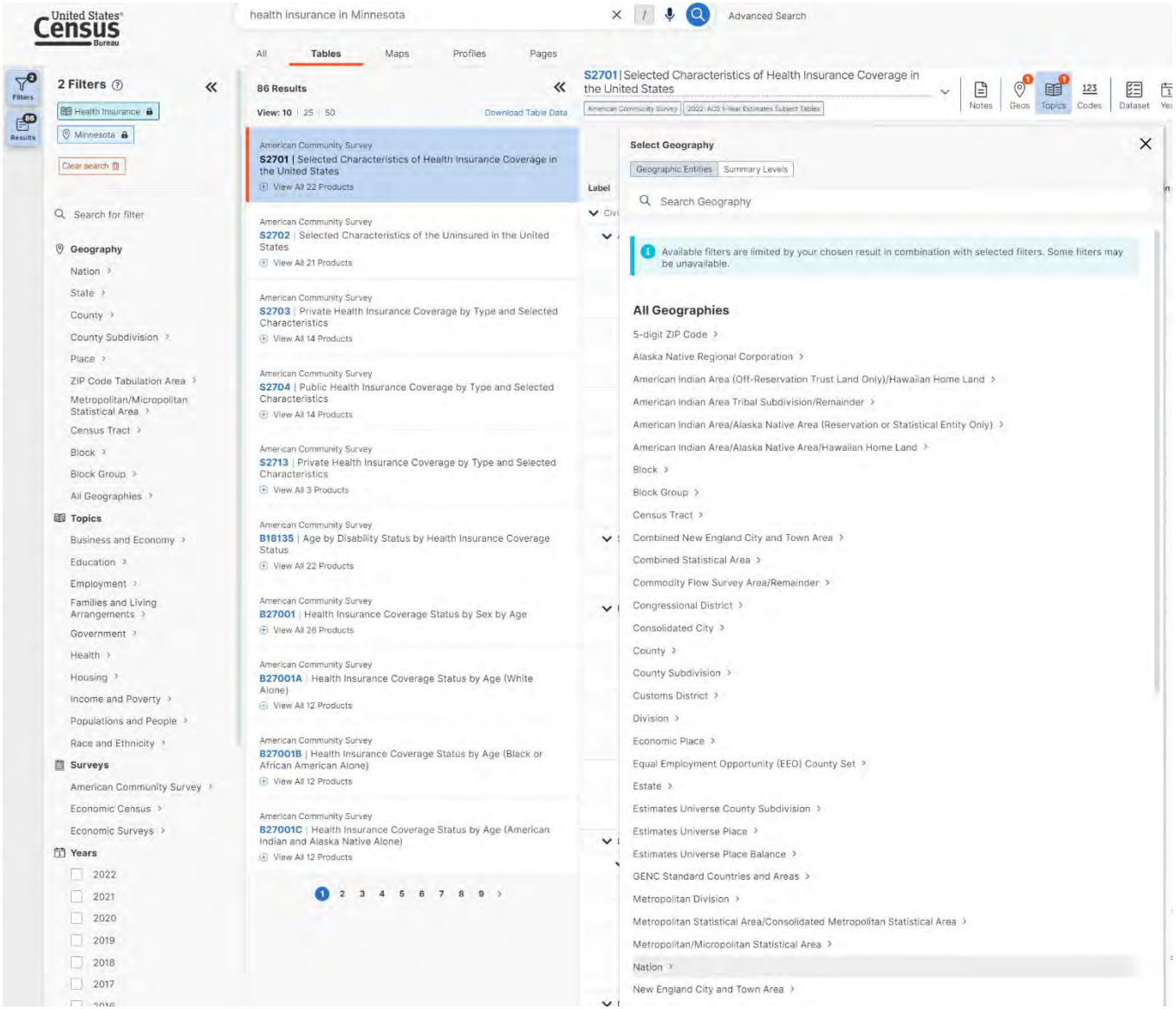
ACS data on data.census.gov



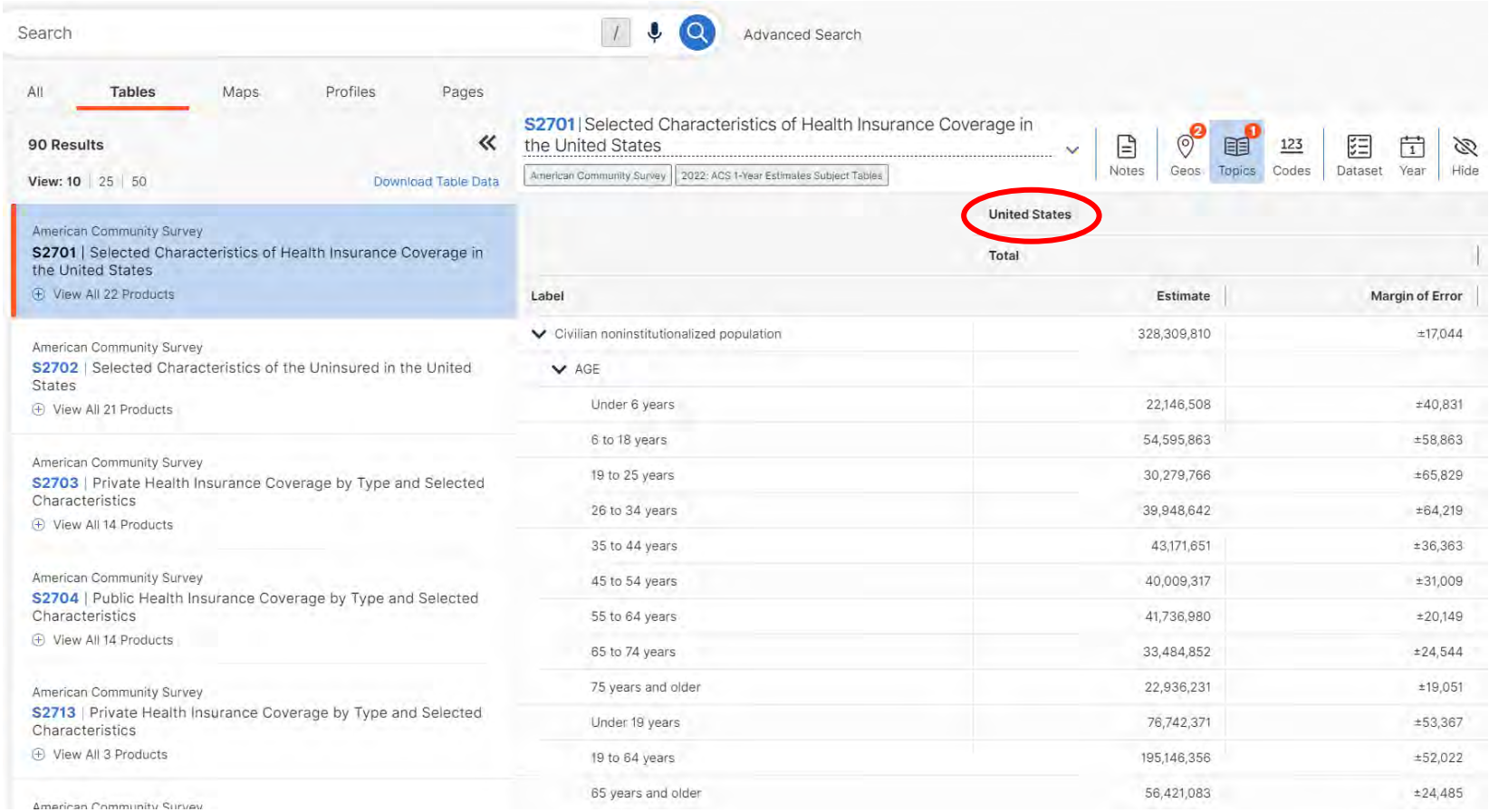
ACS data on data.census.gov



ACS data on data.census.gov



ACS data on data.census.gov



ACS Data in data.census.gov

Data Product	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
1-year Detailed Tables	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓
1-year Subject Tables	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓
1-year Selected Population Profiles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓
1-year Data Profiles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓
1-year Comparison Profiles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	✓	✓
Supplemental Estimates	–	–	–	–	✓	✓	✓	✓	✓	✓	–	✓	
5-Year Detailed Tables	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

✓: Available now

Blank cell: Coming soon

For more information, refer to table online

United States Census Bureau

Data.census.gov Webinars, Tutorials, and Feedback

Go here for info on data.census.gov:
https://census.gov/data/what-is-data-census-gov.html

Census Academy:
https://census.gov/data/academy/webinars/upcoming.html

- **Webinars:** Exploring Census Data Webinar Series https://www.census.gov/data/academy/webinars/series/exploring-census-data.html

- **Data Gems**: A series of short "How-To" videos census.gov/data/academy/data-gems.html

Feedback: Email comments to cedsci.feedback@census.gov

Accessing Estimates

- Supplemental release materials
- Tables on data.census.gov
- **Microdata**

CPS ASEC Public-Use Data

Public-use CPS ASEC available online (released 9/12/23)

- <https://www.census.gov/data/datasets/time-series/demo/cps/cps-asec.html>
- Public-use dictionary also posted
- Available in ASCII, SAS, and CSV formats

ACS Public-Use Data Release

Public-use Microdata Sample (PUMS) available **October 19th**

- 1% public use microdata sample (1% of population)
- The smallest identifiable geographic unit is the Public Use Microdata Area (PUMA) containing at least 100,000 persons
  - PUMAs are generally groups of counties or parts of counties, but there are exceptions
  - PUMAs do not cross state boundaries

Planned Release	Data Products[1]	Lowest Level Geography[2]
October 19, 2023	1-Year Public Use Microdata Sample (PUMS) Files	Public Use Microdata Area (PUMA)
	1-Year Supplemental Estimates Release: • Supplemental Tables	Places, County Subdivisions (where available) Geographies of 20,000+ population

2022 5-Year ACS Release

// Census.gov / News & Updates / American Community Survey Data Releases / 2022 Data Release / 2022 Data Release Schedule

2022 Data Release Schedule

Planned Release	Data Products[1]	Lowest Level Geography[2]
December 7, 2023	5-Year Data Release:[3] • Data Profiles • Detailed Tables • Summary File • Comparison Profiles • Subject Tables • Narrative Profiles (on ACS website)	**Data Product** / **Lowest Level of Geography** Data Profiles / Census Tracts Detailed Tables / Block Groups Summary File / Block Groups Comparison Profiles / Places/County Subdivisions Subject Tables / Census Tracts Narrative Profiles / Census Tracts
January 25, 2024	5-Year Public Use Microdata Sample (PUMS) Files	Public Use Microdata Area (PUMA)
	5-Year Variance Replicate Estimates	Block Group

1 For information on the types of data products available, see the ACS Data Tables and Tools. This year, ACS data products will be released on the Census Bureau's new data dissemination platform at data.census.gov. American FactFinder will not host any of the 2018 ACS data releases. Geographic Comparison Tables and Ranking Tables will not be supported on data.census.gov for the 2018 ACS release, and the Census Bureau is in the process of determining whether the new platform will support these types of tables in the future.

2 The lowest level of geography refers to the Census geographic hierarchy. For more information on census geography, see the Geography Program Glossary.

3 Media embargos will be available 48 hours before the public releases of the ACS 1-year estimates in September and the ACS 5-year estimates in December. To learn more about the embargos and what will be new with upcoming releases, tune into the pre-release webinars. Please check the ACS Events page for updates.