New Coverage Data from the ACS & CPS on the New Census Bureau Data Site

Tuesday October 1st, 2019 • 12:00pm CT

Kathleen Call – State Health Access Data Assistance Center
Edward Berchick – United States Census Bureau
Laryssa Mykyta – United States Census Bureau

Technical Items

- For those dialing in: Phones are automatically muted

- Submit questions using the chat window at any time during the webinar

- Problems:
  - Call Readytalk's help line: (800) 843-9166
  - Ask for help using the chat feature

- Download the slides at: www.shadac.org/2019DataReleaseWebinar
  - Webinar recording will be posted on SHADAC's website
  - E-mail notice will be sent to participants

Presenters

Kathleen Call
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CPS and ACS

Current Population Survey (CPS)

- 2018 estimates released September 10, 2019

American Community Survey (ACS)

- 2018 estimates released September 10 and 26, 2019, and October 17, 2019

Design Differences

	CPS	ACS
Method	Survey of civilian non-institutionalized population	Survey of U.S. population (including group quarters)
Annual housing units interviewed	About 60,000	About 2.15 million
Geography	Nation, states	Nation, states, sub-state
Mode	Phone and in-person	Mail, phone, in-person, and internet
Uninsurance: Measure	Uninsured all year Point-in-time (beginning in 2013)	Point-in-time
Uninsurance: Years available	1987 to 2018 February - April 2018	2008 to 2018

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Guidance on When to Use Each Source

	CPS	ACS
Trends	✓ 1987 to 2012 2013 to 2017 2017 forward	✓ 2008 forward
State estimates	✓	✓

Sub-state estimates	N/A	✓
		1-yr for pop > 65,000
		5-yr for all geographic areas including:
		  All counties
		  Zip-code tabulation areas

Small sub-populations	N/A	✓

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CPS and ACS estimates

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Health Insurance Coverage

- Estimates come from two surveys: the Current Population Survey (CPS ASEC) and the American Community Survey (ACS)

- CPS ASEC estimates reflect updated processing system
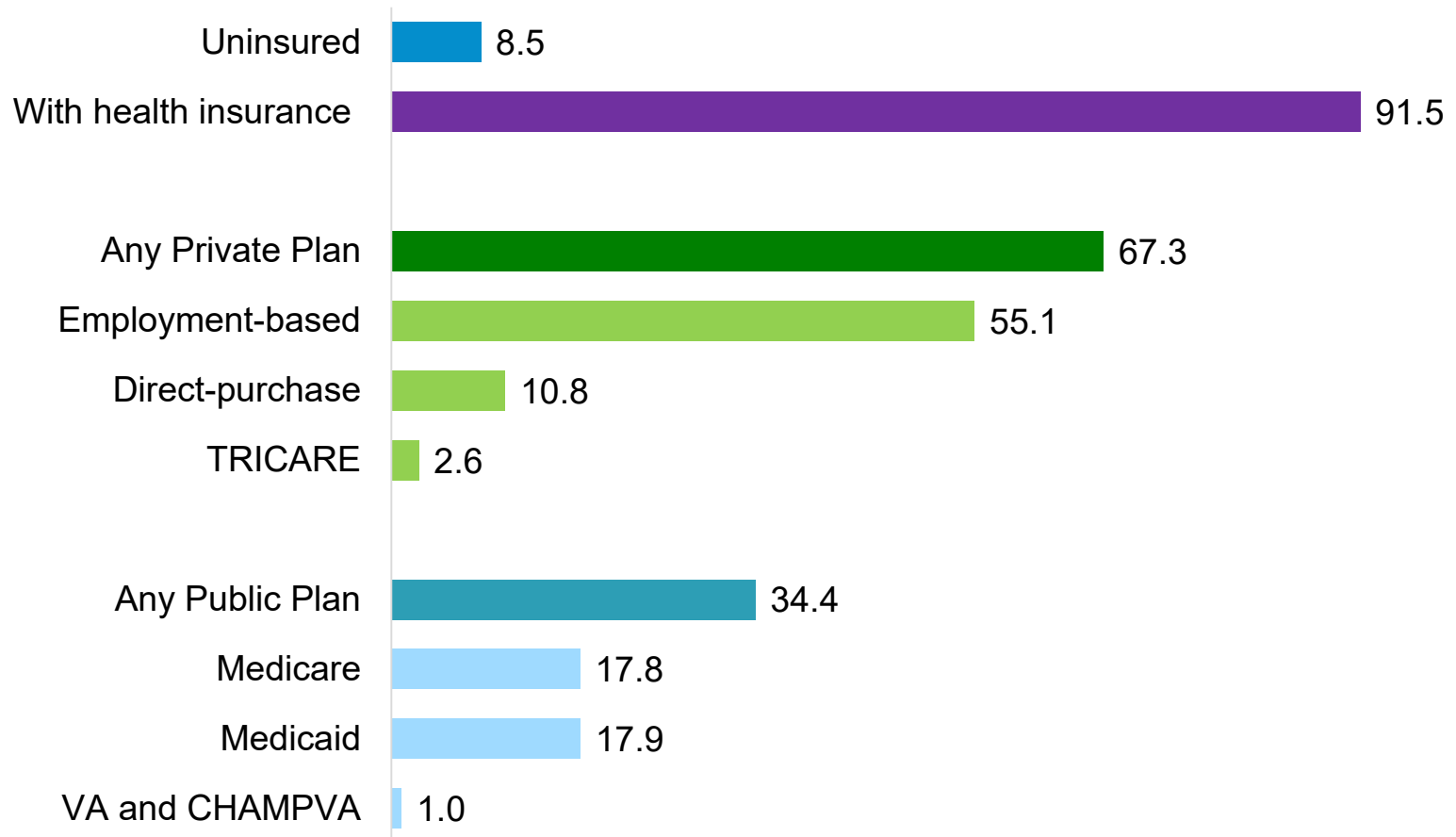
Updated CPS ASEC Processing System

- Universe no longer includes infants born after the calendar-year reference period

- More detail on types of plans (e.g., marketplace, including subsidy status)

- Uses subannual information to improve edits and consistency

- New imputation process that groups people into health insurance units (HIUs) and imputes health insurance for the entire HIU

- Changes the categorization of TRICARE from public coverage to private coverage

Highlights

Health Insurance Coverage in the United States: 2018

Current Population Reports

By Edward R. Berchick, Jessica C. Barnett, and Rachel D. Upton
Issued September 2019
P60-267

United States Census Bureau

U.S. Department of Commerce
U.S. CENSUS BUREAU
census.gov

- The percentage of people without health insurance coverage for the entire calendar year was 8.5 percent, or 27.5 million people.

- Between 2017 and 2018, the uninsured rate increased 0.5 percentage points, and the number of uninsured increased by 1.9 million people.
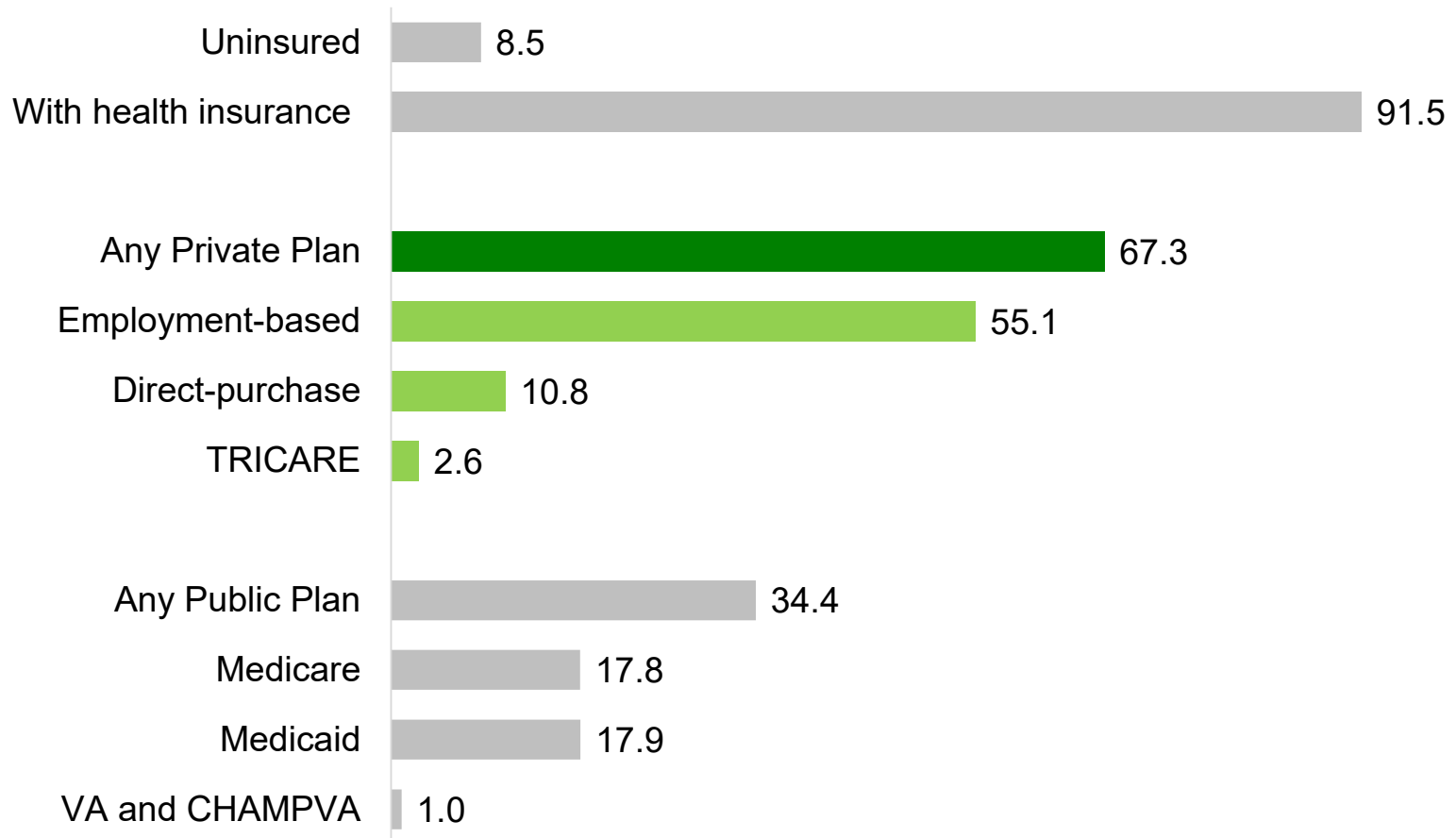
United States Census Bureau

Percentage of People by Type of Health Insurance Coverage: 2018

Uninsured — 8.5

With health insurance — 91.5

Any Private Plan — 67.3

Employment-based — 55.1

Direct-purchase — 10.8

TRICARE — 2.6

Any Public Plan — 34.4

Medicare — 17.8

Medicaid — 17.9

VA and CHAMPVA — 1.0

*Includes CHAMPVA (Civilian Health and Medical Program of the Department of Veterans Affairs), as well as care provided by the Department of Veterans Affairs and the military.
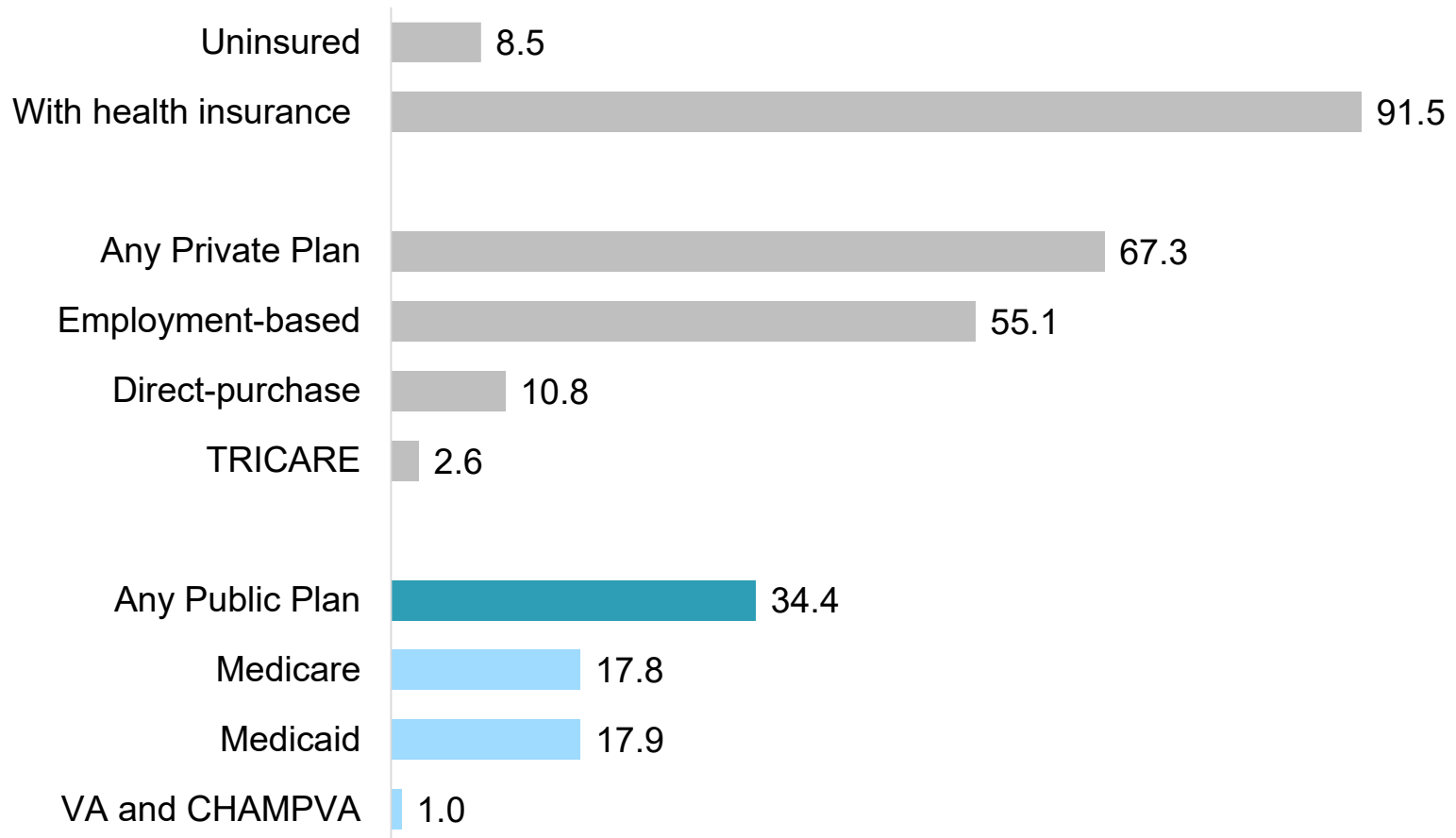Source: U.S. Census Bureau, Current Population Survey, 2019 Annual Social and Economic Supplement.

United States Census Bureau

Percentage of People by Type of Health Insurance Coverage: 2018

Uninsured	8.5
With health insurance	91.5
Any Private Plan	67.3
Employment-based	55.1
Direct-purchase	10.8
TRICARE	2.6
Any Public Plan	34.4
Medicare	17.8
Medicaid	17.9
VA and CHAMPVA	1.0

*Includes CHAMPVA (Civilian Health and Medical Program of the Department of Veterans Affairs), as well as care provided by the Department of Veterans Affairs and the military.
Source: U.S. Census Bureau, Current Population Survey, 2019 Annual Social and Economic Supplement.
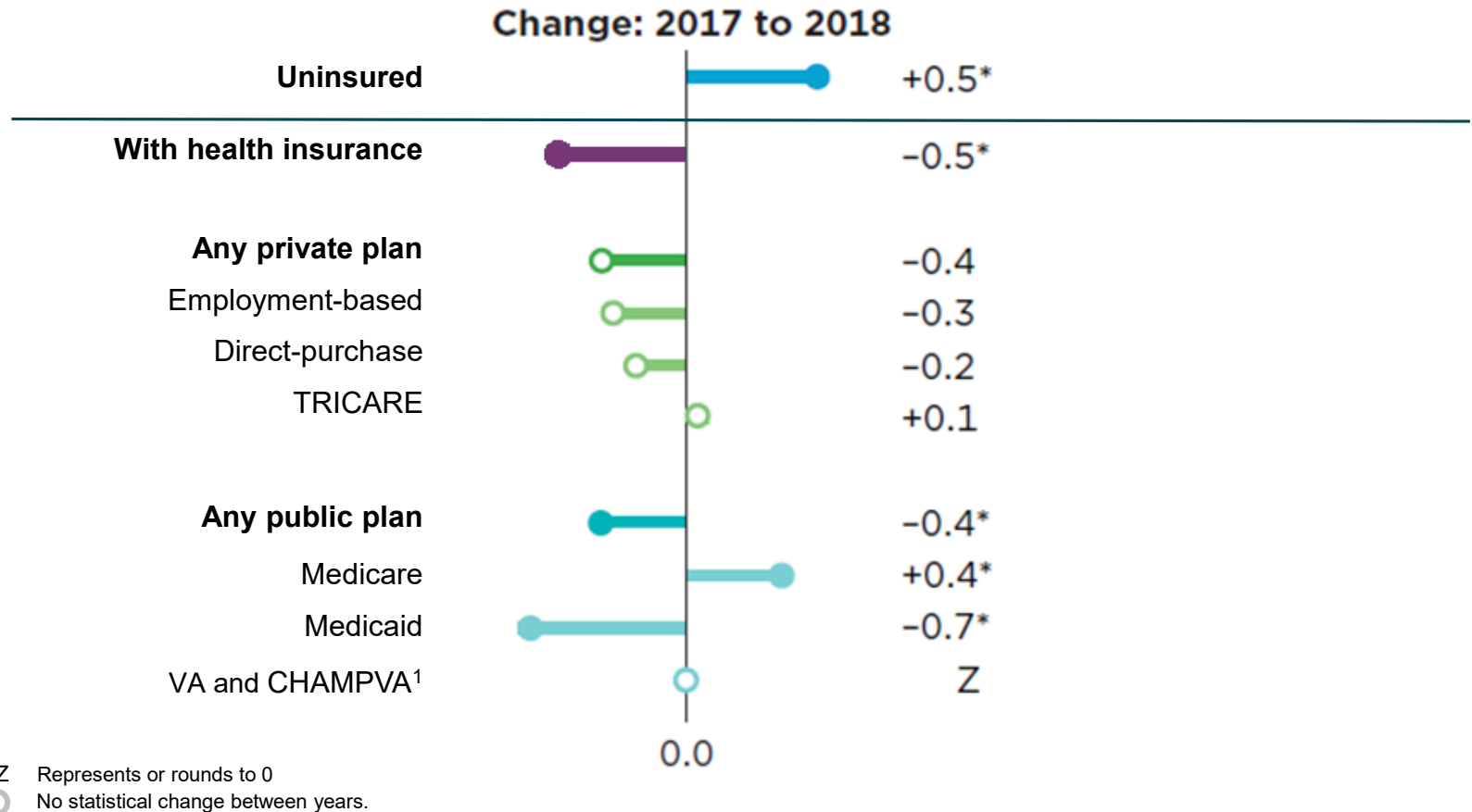
United States Census Bureau

Percentage of People by Type of Health Insurance Coverage: 2018

Category	Value
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Employment-based	55.1
Direct-purchase	10.8
TRICARE	2.6
Any Public Plan	34.4
Medicare	17.8
Medicaid	17.9
VA and CHAMPVA	1.0

Direct-purchase breakdown: 3.3 | 7.5

Marketplace coverage
(30.8% of direct-purchase coverage)

*Includes CHAMPVA (Civilian Health and Medical Program of the Department of Veterans Affairs), as well as care provided by the Department of Veterans Affairs and the military.
Source: U.S. Census Bureau, Current Population Survey, 2019 Annual Social and Economic Supplement.

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Percentage of People by Type of Health Insurance Coverage: 2018

Category	Value
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With health insurance	91.5
Any Private Plan	67.3
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Direct-purchase	10.8
TRICARE	2.6
Any Public Plan	34.4
Medicare	17.8
Medicaid	17.9
VA and CHAMPVA	1.0

*Includes CHAMPVA (Civilian Health and Medical Program of the Department of Veterans Affairs), as well as care provided by the Department of Veterans Affairs and the military.
Source: U.S. Census Bureau, Current Population Survey, 2019 Annual Social and Economic Supplement.

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)

*Includes CHAMPVA (Civilian Health and Medical Program of the Department of Veterans Affairs), as well as care provided by the Department of Veterans Affairs and the military.
Source: U.S. Census Bureau, Current Population Survey, 2019 Annual Social and Economic Supplement.

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Change in Percentage of People by Type of Health Insurance Coverage: 2017 to 2018

Change: 2017 to 2018

Uninsured	+0.5*
With health insurance	−0.5*
Any private plan	−0.4
Employment-based	−0.3
Direct-purchase	−0.2
TRICARE	+0.1
Any public plan	−0.4*
Medicare	+0.4*
Medicaid	−0.7*
VA and CHAMPVA[1]	Z

0.0

Z   Represents or rounds to 0
◯   No statistical change between years.

*Denotes a statistically significant change between 2017 and 2018 at the 90 percent confidence level.
[1]Includes CHAMPVA (Civilian Health and Medical Program of the Department of Veterans Affairs), as well as care provided by the Department of Veterans Affairs and the military.
Source: U.S. Census Bureau, Current Population Survey, 2018 Annual Social and Economic Supplement Bridge File and 2019 Annual Social and Economic Supplement.

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American Community Survey: 2008-2018

Uninsured Rate: 2008 to 2018
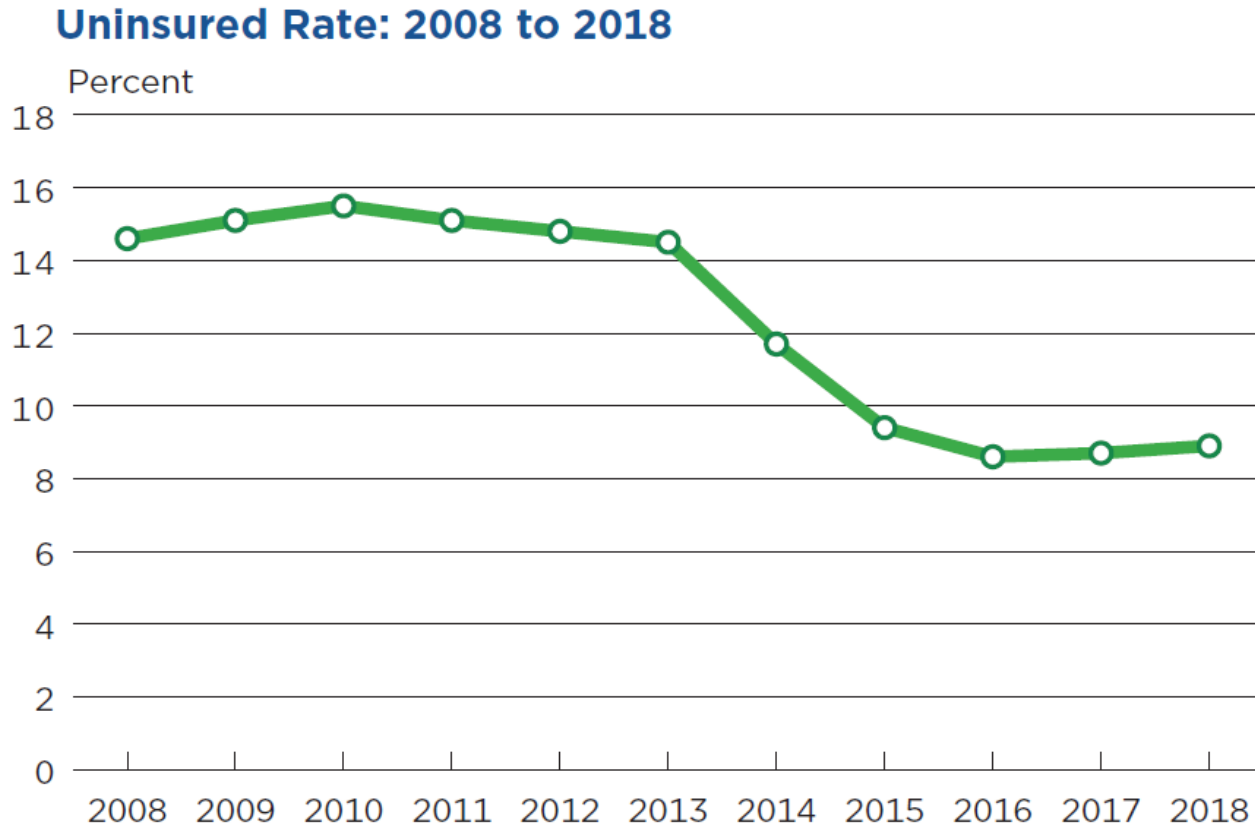
Note: Estimates reflect the population as of July of the calendar year. For information on confidentiality protection, sampling error, nonsampling error, and definitions in the American Community Survey, see <https://www2.census.gov/programs-surveys/acs/tech_docs/accuracy/ACS_Accuracy_of_Data_2018.pdf>.

Source: U.S. Census Bureau, 2008 to 2018 American Community Surveys, 1-Year Estimates.

Percentage of People Uninsured by Age: 2017 and 2018
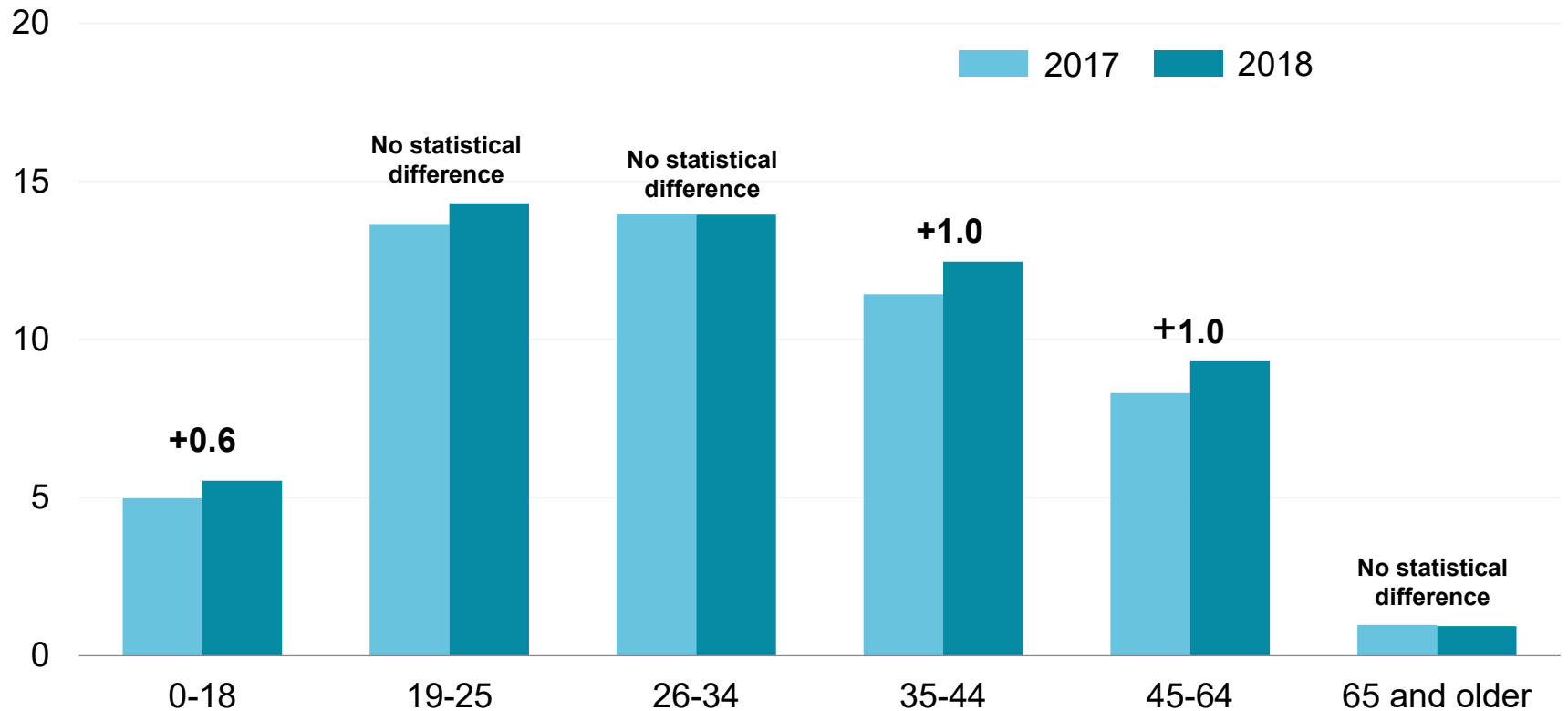
Legend: 2017, 2018

- 0-18: +0.6
- 19-25: No statistical difference
- 26-34: No statistical difference
- 35-44: +1.0
- 45-64: +1.0
- 65 and older: No statistical difference

Source: U.S. Census Bureau, Current Population Survey, 2018 Annual Social and Economic Supplement Bridge File and 2019 Annual Social and Economic Supplement.

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Percentage of Children Under the Age of 19 Without Health Insurance Coverage by Selected Characteristics: 2017 to 2018
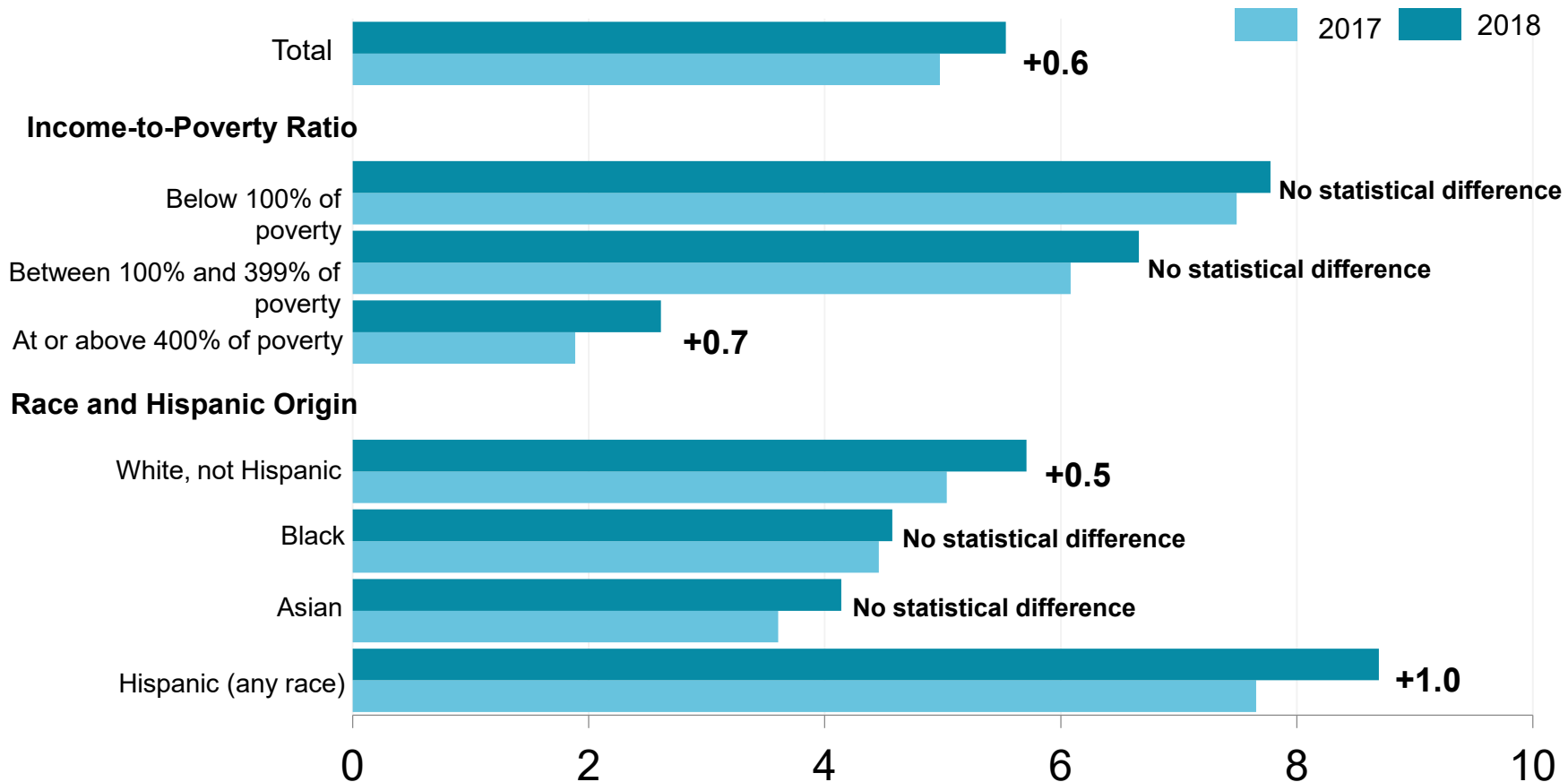
*Denotes a statistically significant change between 2017 and 2018 at the 90 percent confidence level.
Source: U.S. Census Bureau, Current Population Survey, 2018 Annual Social and Economic Supplement Bridge File and 2019 Annual Social and Economic Supplement.

America Counts Story: Children's Coverage

Health

Uninsured Rate for Children Up to 5.5 Percent in 2018

Children's Public Health Insurance Coverage Lower Than in 2017

EDWARD R. BERCHICK AND LARYSSA MYKYTA | SEPTEMBER 10, 2019

About 4.3 million children did not have any health insurance coverage in 2018, an increase of 425,000 (or 0.6 percentage points) from the previous year, according to the U.S. Census Bureau's annual Health Insurance Coverage in the United States: 2018 report released today.

America Counts Story: Children's Coverage

Percentage of Children Under Age 19 Uninsured: 2017 and 2018
(Numbers in percents)
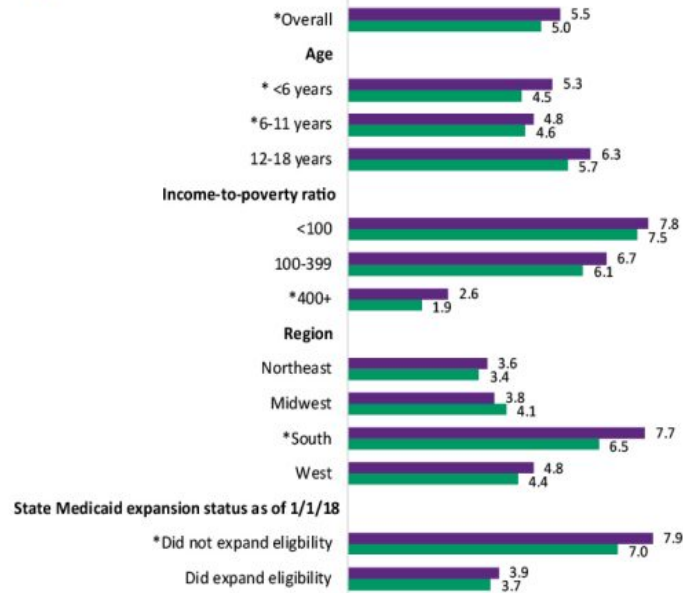
■ 2018
■ 2017

	2018	2017
*Overall	5.5	5.0
Age		
* <6 years	5.3	4.5
*6-11 years	4.8	4.6
12-18 years	6.3	5.7
Income-to-poverty ratio		
<100	7.8	7.5
100-399	6.7	6.1
*400+	2.6	1.9
Region		
Northeast	3.6	3.4
Midwest	3.8	4.1
*South	7.7	6.5
West	4.8	4.4
State Medicaid expansion status as of 1/1/18		
*Did not expand eligibility	7.9	7.0
Did expand eligibility	3.9	3.7

* Indicates a statistical difference between 2017 and 2017 estimates at the 90% confidence level.
Source: U.S. Census Bureau, 2018 Current Population Survey Annual Social and Economic Supplement (CPS ASEC) Bridge File and 2019 CPS ASEC.
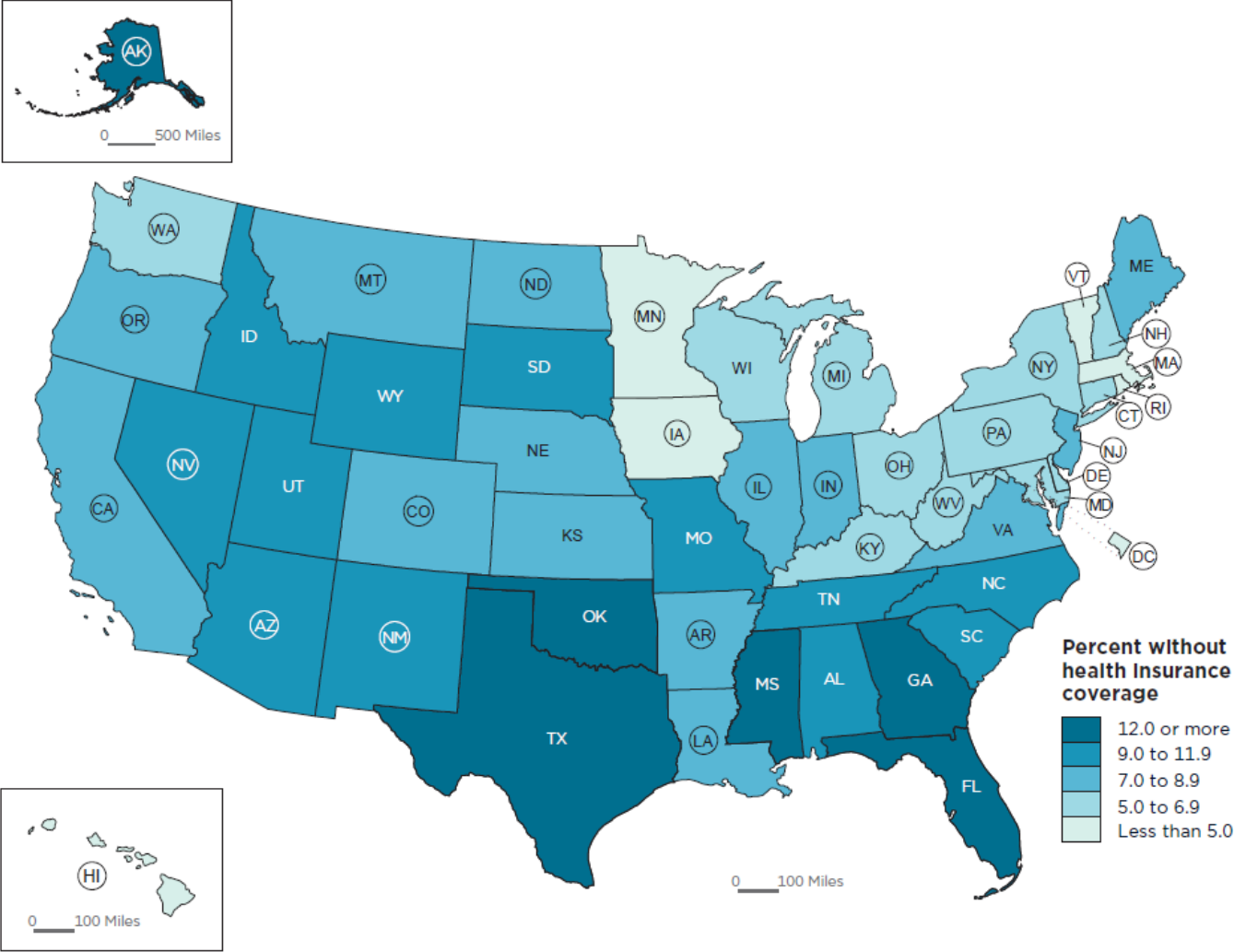
Percentage of Children Under Age 19 With Medicaid or CHIP: 2017 and 2018
(Numbers in percents)
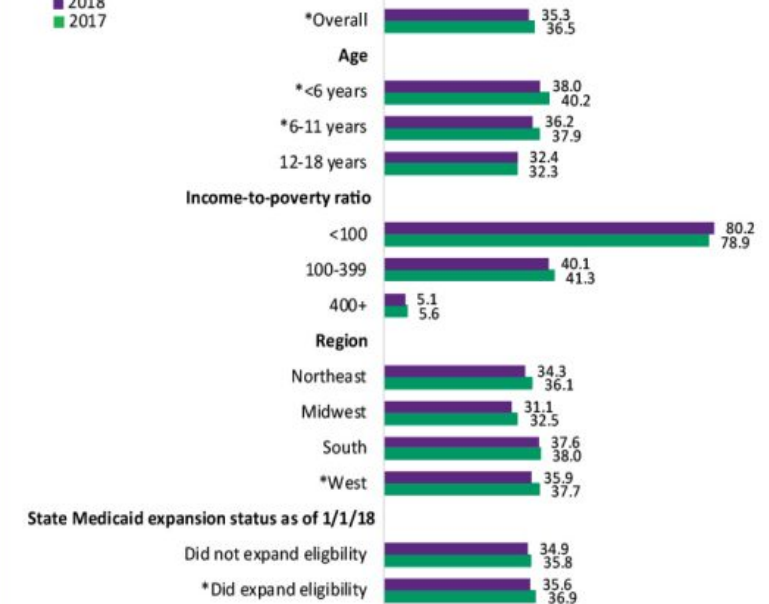
■ 2018
■ 2017

	2018	2017
*Overall	35.3	36.5
Age		
* <6 years	38.0	40.2
*6-11 years	36.2	37.9
12-18 years	32.4	32.3
Income-to-poverty ratio		
<100	80.2	78.9
100-399	40.1	41.3
400+	5.1	5.6
Region		
Northeast	34.3	36.1
Midwest	31.1	32.5
South	37.6	38.0
*West	35.9	37.7
State Medicaid expansion status as of 1/1/18		
Did not expand eligibility	34.9	35.8
*Did expand eligibility	35.6	36.9

* Indicates a statistical difference between 2017 and 2017 estimates at the 90% confidence level.
Source: U.S. Census Bureau, 2018 Current Population Survey Annual Social and Economic Supplement (CPS ASEC) Bridge File and 2019 CPS ASEC.

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Subannual Health Insurance Coverage: 2018

Full-year coverage   Part-year coverage

|		
Any health plan	96.4	3.6
Any private plan	95.2	4.8
Any public plan	94.2	5.8
Medicaid	91.2	8.8
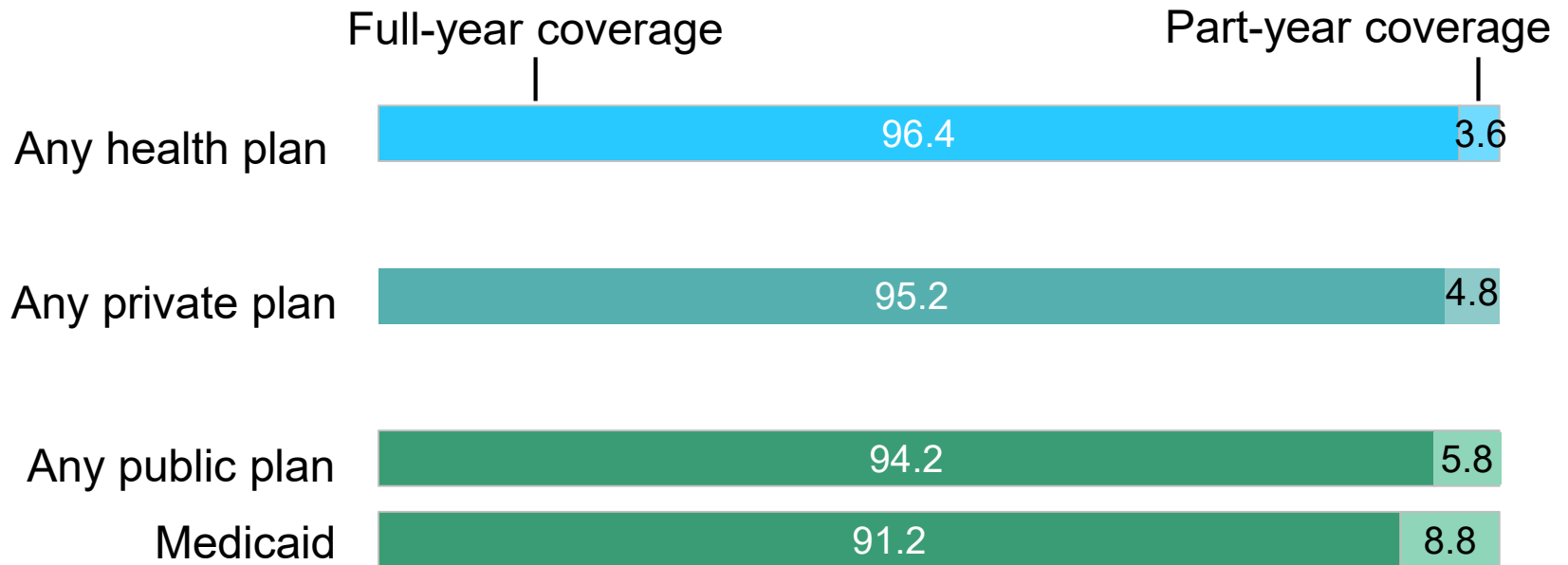
Percent of population as of March 2019.
Source: U.S. Census Bureau, Current Population Survey, 2019 Annual Social and Economic Supplement.

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Uninsured Rate by State: 2018

Percent without health Insurance coverage

- 12.0 or more
- 9.0 to 11.9
- 7.0 to 8.9
- 5.0 to 6.9
- Less than 5.0

○ : A state with a circle around its abbreviation expanded Medicaid eligibility on or before January 1, 2018.
Source: U.S. Census Bureau, 2018 American Community Survey, 1-Year Estimates

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Change in Uninsured Rate by State: 2017 to 2018
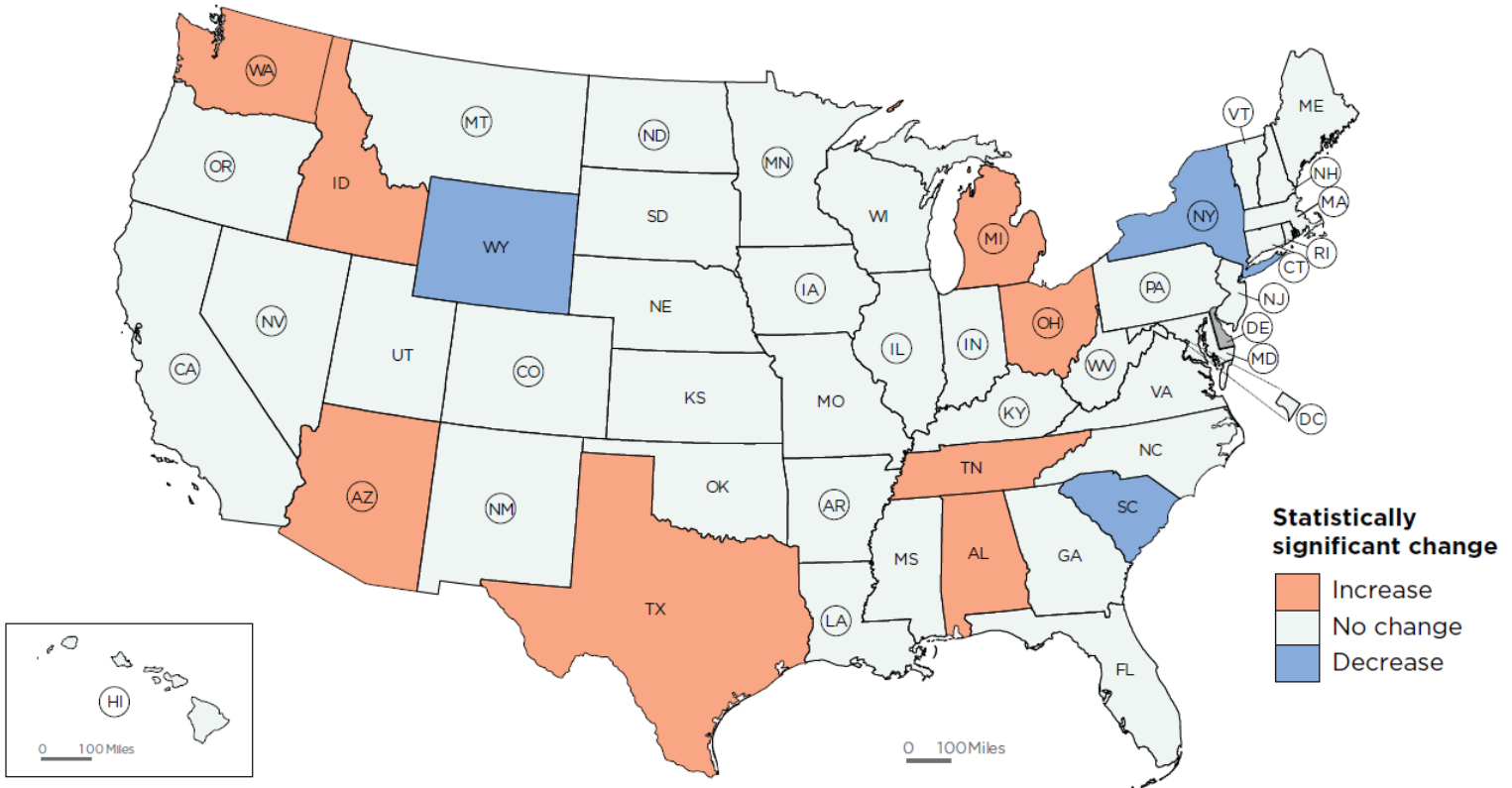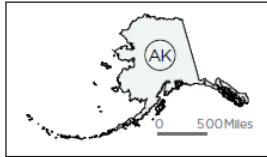
Statistically significant change

- Increase
- No change
- Decrease

○ : A state with a circle around its abbreviation expanded Medicaid eligibility on or before January 1, 2018.
Source: U.S. Census Bureau, 2017 and 2018 American Community Survey, 1-Year Estimates

After the release of the 2017 data products, the Census Bureau identified issues with data collection in Delaware. As a result, comparisons between 2017 and 2018 for Delaware are not made in this map. For more information, see
www.census.gov/programs-survey/acs/technical-documentation/errata/120.html

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Summary

- The percentage of people without health insurance coverage for the entire calendar year was 8.5 percent, or 27.5 million people.

- Between 2017 and 2018, the uninsured rate increased 0.5 percentage points, and the number of uninsured increased by 1.9 million people.

- The uninsured rate decreased in 3 states and increased in 8 states between 2017 and 2018.

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For more information:

www.census.gov/library/publications/2019/demo/p60-267.html

2018 1-Year ACS Release

Updated September 18, 2019

Planned Release	Data Products[1]	Lowest Level Geography[2]
September 26, 2019	**1-Year Data Release:**[3] • Data Profiles • Detailed Tables • Summary File • Comparison Profiles	Places, County Subdivisions (where available)[4] Geographies of 65,000+ population
October 17, 2019	• Selected Population Profiles • Subject Tables	
November 14, 2019	1-Year Public Use Microdata Sample (PUMS) File	Public Use Microdata Area (PUMA)

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.

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ACS Brief

Health Insurance Coverage by Type
of Coverage and State: 2018

American Community Survey Briefs

By Douglas Conway

Issued September 2019
ACSBR/18-03

United States **Census** Bureau

Updated CPS ASEC Processing System

- Universe no longer includes infants born after the calendar-year reference period

- More detail on types of plans (e.g., marketplace, incl. subsidy status)

- Uses subannual information to improve edits and consistency

- New imputation process that groups people into health insurance units (HIUs) and imputes health insurance for the entire HIU

- Changes the categorization of TRICARE from public coverage to private coverage

Improvements to the CPS ASEC

- Two-Stage Process:
  - Redesign of questionnaire (released in 2014; starting with 2014 CPS ASEC)
    - To ensure timely release, missing and incomplete data were handled through the traditional processing system
  - Redesign of processing procedure (released in 2019; starting with 2017 CPS ASEC Research File)

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Redesign of Processing System

Legacy System

- Instrument output mapped into old variables – loss of information about types of coverage

- No information about subannual coverage

- Missing data was imputed for each individual one type at a time, leading to potential over-estimates of multiple coverage

Updated System

- Instrument output used with full detail on types of plans that did not previously exist, including those purchased through a marketplace (healthcare.gov)

- Uses subannual information to improve edits and consistency between types of coverage held concurrently

- New imputation process groups people into health insurance units and fills missing data based on the characteristics of that unit

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Redesign of Processing System (Continued…)

Legacy System

- Contains calendar-year coverage information for all persons

- Measures any military coverage as public insurance

Updated System

- Excludes calendar-year coverage information for infants born after the calendar year ended

- Contains three measures of military coverage (TRICARE, VA, CHAMPVA) and defines TRICARE as private insurance and VA and CHAMPVA as public insurance

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Changes to (Un)insured Rate

Bar chart comparing 2017 CPS ASEC Research File and 2017 CPS ASEC Production File:
- Any coverage: 92.1 (Research File), 91.2 (Production File)
- Uninsured: 7.9 (Research File), 8.8 (Production File)

■ 2017 CPS ASEC Research File   ■ 2017 CPS ASEC Production File

United States Census Bureau
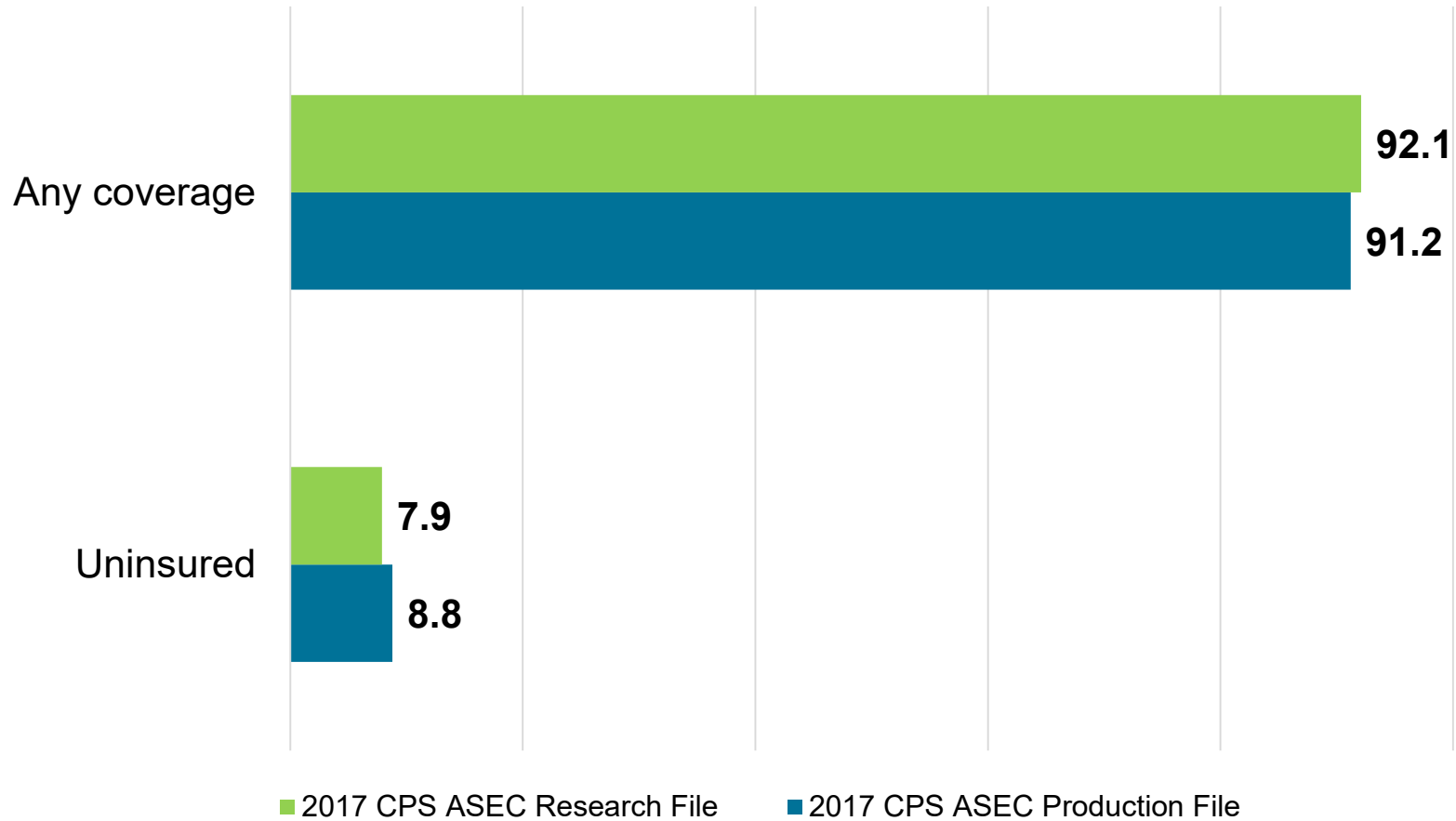
Changes to Most Coverage Types

Employer-based
- 2017 CPS ASEC Research File: 55.1
- 2017 CPS ASEC Production File: 55.7

Direct Purchase
- 2017 CPS ASEC Research File: 11.8
- 2017 CPS ASEC Production File: 16.2

Medicare
- 2017 CPS ASEC Research File: 16.9
- 2017 CPS ASEC Production File: 16.7

Medicaid
- 2017 CPS ASEC Research File: 18.9
- 2017 CPS ASEC Production File: 19.4

Military
- 2017 CPS ASEC Research File: 3.4
- 2017 CPS ASEC Production File: 4.6

■ 2017 CPS ASEC Research File   ■ 2017 CPS ASEC Production File

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Time Series

Figure A1.

Measuring Health Insurance Coverage With the Current Population Survey Annual Social and Economic Supplement (CPS ASEC): A History of Improvement

Percent without insurance
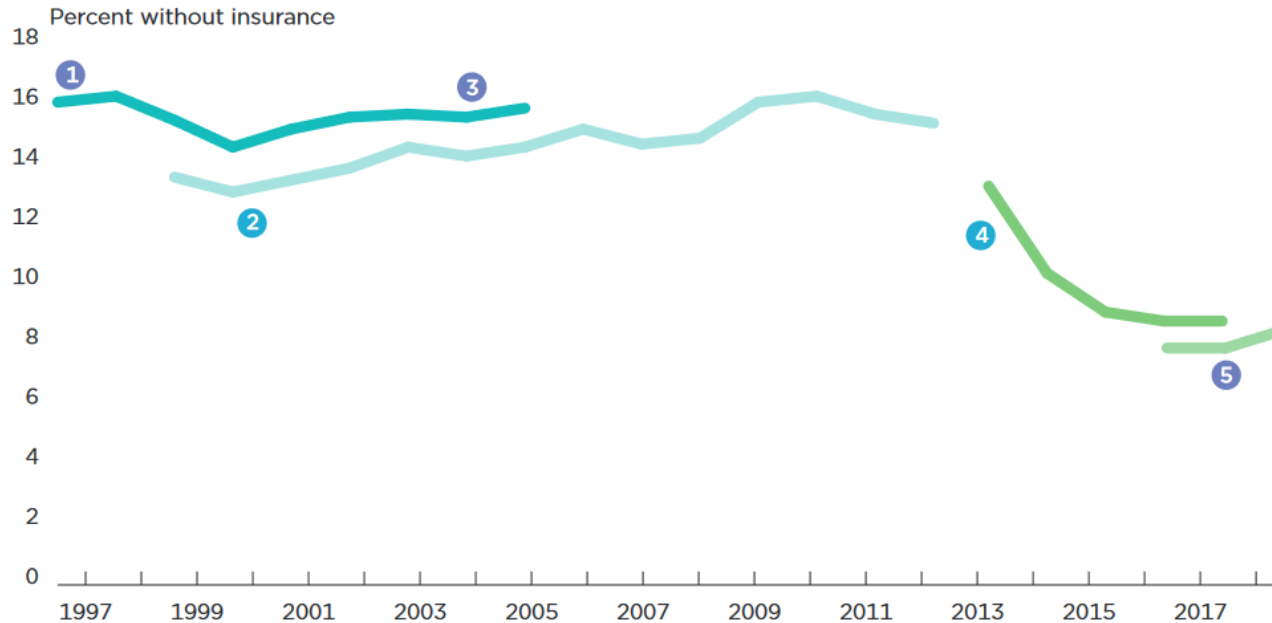
Changes in processing steps

1. People with no coverage other than access to Indian Health Service now considered uninsured. Overall estimates of health insurance coverage change only negligibly; however, the increase in the number of people covered by Medicaid may be partially due to this change.

3. These estimates from the 2005 CPS ASEC were revised based on improvements to the algorithm that assigned coverage to dependents, and there was an adjustment to the weights.

5. Updated processing system implemented to take full advantage of the 2014 CPS ASEC instrument redesign.

Change to survey instrument

2. Follow-up verification question added.

4. Health insurance questions were redesigned to address underreport of coverage. Estimates of overall coverage and coverage types are not comparable with later years.

Note: CPS measures prior-year coverage, e.g., 1997 statistics come from the 1998 CPS. For more information on the history of improvement to CPS ASEC health insurance content, see <www.census.gov/content/dam/Census/newsroom/press-kits/2015 /measuring_health_insurance.pdf>.
Source: U.S. Census Bureau, 2017 CPS ASEC Research File, 2018 CPS ASEC Bridge File, 2019 CPS ASEC, Table HI-1. Health Insurance Coverage Status and Type of Coverage by Sex, Race, and Hispanic Origin: 1987 to 2005, <https://www2.census.gov/programs -surveys/demo/tables/health-insurance/time-series/original/orghihistt1.txt>. Health Insurance Historical Tables—HIB Series, <www.census.gov/data/tables/time-series/demo/health-insurance/historical-series/hib.html>.

Explanations for Differences

- Many factors contribute to these changes. Two of the largest are:

  - Improvements to the imputation procedure (particularly for households in which no one reports health insurance coverage)

  - Refinements to how we construct estimates of annual coverage (i.e. by building up from the monthly level)

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Definitions of Private and Public Coverage

- Differ across files because new processing system allows TRICARE to be disentangled from other types of military coverage
  - With the legacy processing system:
    - Private: employer-sponsored, direct-purchase
    - Public: Medicare, Medicaid, military (incl. TRICARE, VA, CHAMPVA)
  - With the updated processing system:
    - Private: employer-sponsored, direct-purchase, TRICARE
    - Public: Medicare, Medicaid, military (incl. VA, CHAMPVA)

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New Health Insurance Measures

- Marketplace coverage
  - Whether direct-purchase coverage was obtained through the marketplace
  - If so, whether the premium was subsidized

- Subannual coverage

- Military coverage
  - Separate TRICARE from other types of military coverage

- Type of coverage at the time of interview

Key Takeaways

- Differences in the interpretation of some variables
  - Especially definition of private and public coverage

- New information is available on health insurance subannual estimates and marketplace coverage

- Estimates of percent insured are higher when using updated processing system

- Estimates of multiple coverage are lower when using updated processing system

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Data Files

Year	Legacy Processing System	Updated Processing System
2016	2017 CPS ASEC	2017 CPS ASEC Research File
2017	2018 CPS ASEC	2018 CPS ASEC Bridge File
2018*		2019 CPS ASEC

* For calendar year 2018 moving forward, the updated processing system will be used for processing production files.

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Current Coverage: February-April 2019

2019 Type of Coverage

Category	Value
Uninsured	9.1
With health insurance	90.9
Any private plan	66.1
Employment-based	54.0
Direct-purchase	10.2
TRICARE	2.6
Any public plan	34.0
Medicare	18.0
Medicaid	17.3
VA and CHAMPVA[1]	1.0

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

United States **Census** Bureau

Current Coverage: February-April 2018 & February April 2019

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Uninsured	9.1
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Direct-purchase	10.2
TRICARE	2.6
Any public plan	34.0
Medicare	18.0
Medicaid	17.3
VA and CHAMPVA[1]	1.0

Change: 2018 to 2019

Category	Change
Uninsured	+0.4*
With health insurance	−0.4*
Any private plan	−0.4
Employment-based	−0.4
Direct-purchase	−0.2
TRICARE	+0.1
Any public plan	−0.3
Medicare	+0.4*
Medicaid	−0.7*
VA and CHAMPVA	Z

Z Represents or rounds to 0
◯ No statistical change between years

*Denotes a statistically significant change between 2018 and 2019 at the 90 percent confidence level.
[1]Includes CHAMPVA (Civilian Health and Medical Program of the Department of Veterans Affairs), as well as care provided by the Department of Veterans Affairs and the military.
Source: U.S. Census Bureau, Current Population Survey, 2018 Annual Social and Economic Supplement Bridge File and 2019 Annual Social and Economic Supplement.

Current Coverage, Calendar-Year Coverage: Two Measures, Two Concepts

Percentage of People Uninsured by Duration of Uninsured Status and Year

Uninsured at the Time of Interview
- 2017: 8.6%
- 2018: 8.7%
- 2019: 9.1%

Uninsured at Full Calendar Year
- 2016: 7.9%
- 2017: 7.9%
- 2018: 8.5%
- 2019: **
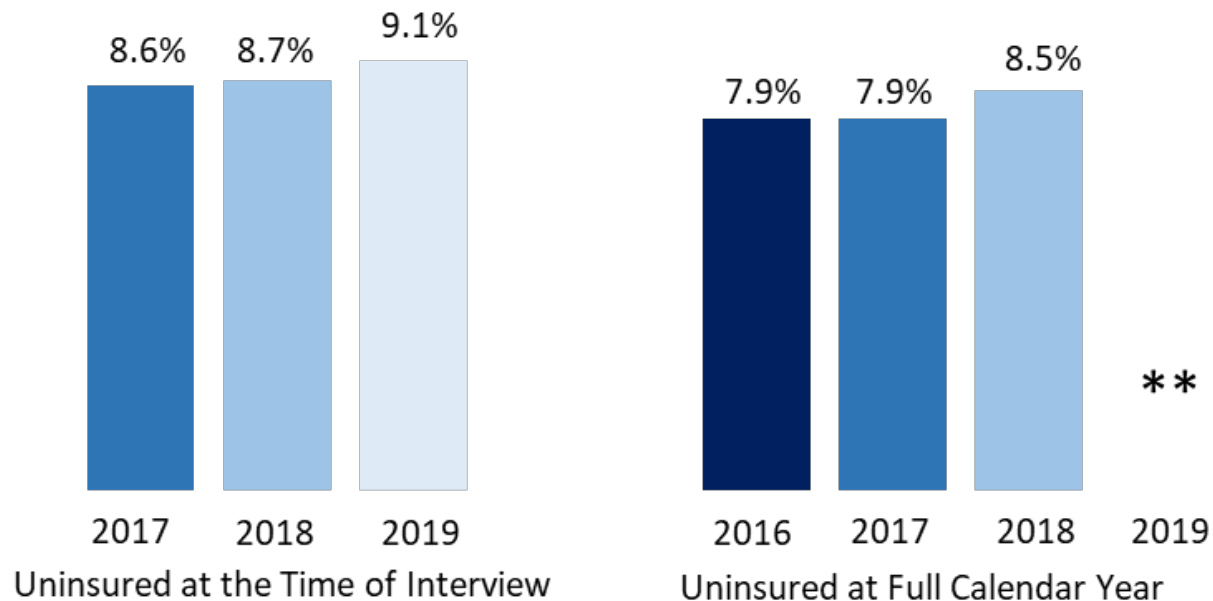
**Annual 2019 estimate will be available in September 2020

Percent of population as of March of calendar year.
Sources: U.S. Census Bureau, Current Population Survey, 2017 Annual Social and Economic Supplement Research File, 2018 Annual Social and Economic Supplement Bridge File, and 2019 Annual Social and Economic Supplement.

United States Census Bureau

Accessing Estimates

Health Insurance website

Tables on data.census.gov

Microdata

Accessing Estimates

Health Insurance website

Tables on data.census.gov

Microdata

Accessing Estimates: Health Insurance Website

- CPS detailed tables

- ACS detailed and historical tables

- Maps, interactive graphics, and more

- Publications and working papers

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Accessing Estimates: Additional Tables
Health insurance website: detailed CPS tables

	A	B	C	D	E	F	G	H	I	J	K	L	M
2	Table H-01 Type of Health Insurance Coverage by Selected Characteristics: 2018												
3	(Numbers in thousands, confidence intervals [C.I.] in thousands or percentage points as appropriate. People as of March of the following year. For information on confidentiality protection, sampling error, nonsam...												
4	All Persons												
5													
6				Any health insurance				Private Total				Employment-base	
7													
8		Total	Number	90 Percent C.I. [1] (±)	Percent	90 Percent C.I. [1] (±)	Number	90 Percent C.I. [1] (±)	Percent	90 Percent C.I. [1] (±)	Number	90 Percent C.I. [1] (±)	Perce
9	Total	323,668	296,206	641	91.5	0.2	217,780	1,222	67.3	0.4	178,350	1,283	
10	Family Status												
11	In families	261,336	240,796	1,017	92.1	0.2	179,546	1,235	68.7	0.4	149,196	1,221	
12	Householder	83,508	77,131	475	92.4	0.3	60,097	462	72.0	0.4	48,546	442	
13	Related children under 18	71,750	67,976	297	94.7	0.3	44,514	522	62.0	0.7	39,142	546	
14	Related children under 6	22,720	21,536	145	94.8	0.5	13,555	225	59.7	1.0	11,924	237	
15	In unrelated subfamilies	1,069	929	114	86.9	3.4	534	81	50.0	5.1	478	78	
16	Unrelated individuals	61,264	54,482	789	88.9	0.4	37,700	623	61.5	0.6	28,677	538	
17	Race[2] and Hispanic Origin												
18	White	247,472	227,127	527	91.8	0.2	171,563	993	69.3	0.4	139,718	1,005	
19	White, not Hispanic	194,679	184,107	413	94.6	0.2	145,560	812	74.8	0.4	117,976	854	
20	Black	42,758	38,618	212	90.3	0.5	23,705	466	55.4	1.1	20,147	496	
21	Asian	19,770	18,422	235	93.2	0.6	14,456	309	73.1	1.3	11,715	310	
22	Hispanic (any race)	59,925	49,236	352	82.2	0.6	29,749	571	49.6	1.0	24,934	506	
23	Age												
24	Under age 65	270,881	243,910	671	90.0	0.2	190,109	1,173	70.2	0.4	164,501	1,254	
25	Under age 19[3]	77,333	73,052	284	94.5	0.3	47,817	541	61.8	0.7	41,980	557	
26	Under 3 years[4]	10,963	10,263	113	93.6	0.7	6,382	136	58.2	1.2	5,612	142	

Accessing Estimates: Additional Tables
Health insurance website: detailed CPS tables

- Three new tables:
    - H01: Health Insurance Coverage Status and Type of Coverage by Selected Characteristics: 2018
    - H02: Health Insurance Current Coverage Status and Type of Coverage by Selected Characteristics: 2019
    - H03: Subannual Estimates of Coverage by Selected Characteristics: 2018

- All tables show coverage by selected social, demographic, and economic characteristics

Accessing Estimates: Additional Tables
Health insurance website: detailed and historical ACS tables

Table HI05. Health Insurance Coverage Status and Type of Coverage by State and Age for All People: 2018

For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <www2.census.gov/programs-surveys/acs/tech_docs/accuracy/ACS_Accuracy_of_Data_2018.pdf>.

Nation/State	Characteristic	Total		Number	Margin of Error	Percent	Margin of Error	Number	Margin of Error	Percent	Margin of Error	Employment-based		
		Number	Margin of Error									Number	Margin of Error	Percent
United States	All persons	322,249	15	293,684	178	91.1	0.1	217,623	404	67.5	0.1	177,740	354	55
	Under 65 years	271,112	29	242,948	162	89.6	0.1	187,436	354	69.1	0.1	161,423	314	59
	Under 19 years	77,817	56	73,762	60	94.8	0.1	46,654	140	60.0	0.2	40,648	120	52
	19 - 64 years	193,295	45	169,186	169	87.5	0.1	140,783	243	72.8	0.1	120,775	227	62
	65 years and over	51,137	22	50,736	29	99.2	Z	30,186	82	59.0	0.1	16,317	76	31
Alabama	All persons	4,810	2	4,329	15	90.0	0.3	3,202	26	66.6	0.5	2,578	30	53
	Under 65 years	3,998	4	3,519	15	88.0	0.4	2,705	23	67.7	0.6	2,314	27	57
	Under 19 years	1,163	5	1,122	7	96.5	0.5	649	14	55.8	1.2	567	15	48
	19 - 64 years	2,835	6	2,397	14	84.5	0.4	2,055	17	72.5	0.5	1,747	19	61
	65 years and over	812	4	810	4	99.7	0.1	497	9	61.2	1.1	264	9	32
Alaska	All persons	713	1	623	6	87.4	0.9	460	10	64.5	1.4	381	11	53
	Under 65 years	627	2	537	6	85.7	1.0	408	9	65.1	1.5	341	11	54
	Under 19 years	193	1	174	3	90.6	1.3	118	4	61.5	2.3	94	5	49
	19 - 64 years	434	2	363	5	83.6	1.2	290	6	66.7	1.5	247	7	56
	65 years and over	86	2	86	2	99.3	0.3	52	2	60.4	2.3	40	3	46
Arizona	All persons	7,065	2	6,315	24	89.4	0.3	4,421	36	62.6	0.5	3,560	37	50
	Under 65 years	5,818	3	5,077	24	87.3	0.4	3,739	34	64.3	0.6	3,235	36	55
	Under 19 years	1,746	6	1,599	10	91.6	0.5	987	16	56.6	1.0	864	18	49
	19 - 64 years	4,072	6	3,478	18	85.4	0.4	2,751	22	67.6	0.5	2,370	23	58

Accessing Estimates: Interactive Graphics

2018 Uninsured Rate in the United States
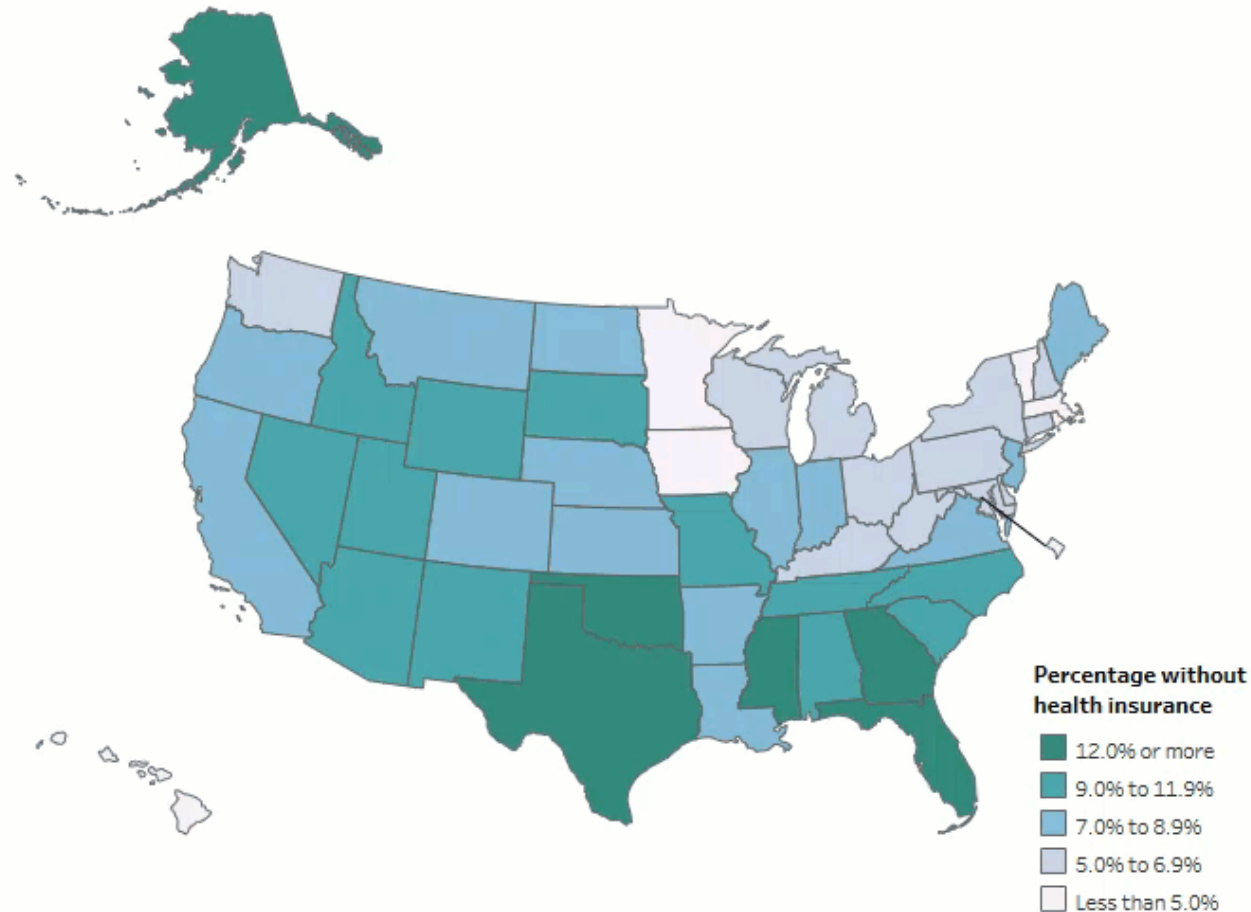
Percentage without health insurance
- 12.0% or more
- 9.0% to 11.9%
- 7.0% to 8.9%
- 5.0% to 6.9%
- Less than 5.0%

U.S. percentage is 8.9

Accessing Estimates: Interactive Graphics
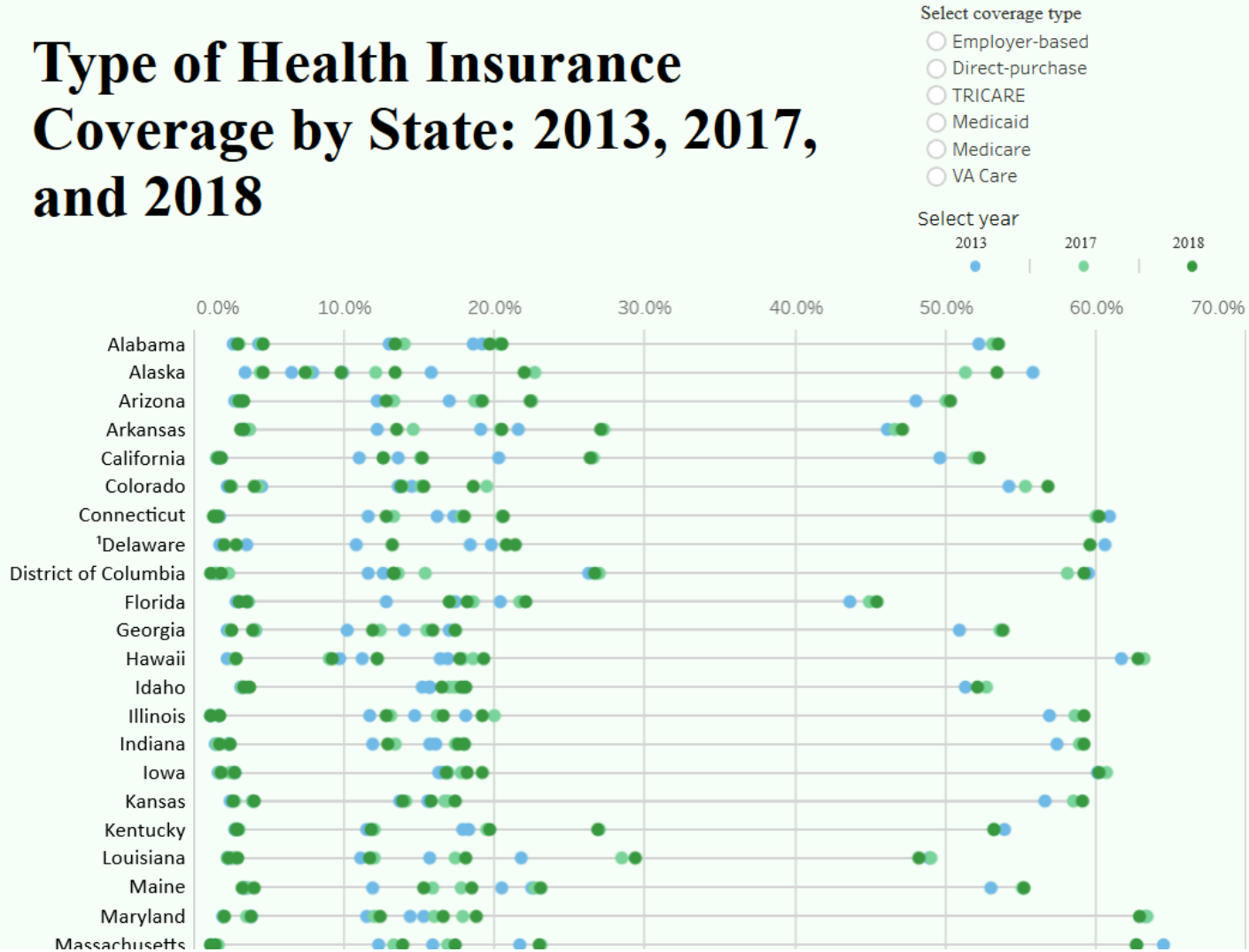
Accessing Estimates

Health Insurance website

Tables on data.census.gov

Microdata

Accessing Estimates: data.census.gov

ACS Data in data.census.gov

Data Product	2010	2011	2012	2013	2014	2015	2016	2017	2018
Detailed Tables	✓	✓	✓	✓	✓	✓	✓	✓	✓
Subject Tables	✓	✓	✓	✓	✓	✓	✓	✓	
Supplemental Tables	–	–	–	–	✓	✓	✓	✓	
Selected Population Profiles							✓	✓	
Data Profiles	✓	✓	✓	✓	✓	✓	✓	✓	✓
Comparison Profiles	✓	✓	✓	✓	✓	✓	✓	✓	✓
Selected Population Tables (5-Year)		–	–	–	–		–	–	
American Indian Alaska Native Tables (5-Year)		–	–	–	–		–	–	

✓: Available now

Blank cell: Coming soon

United States
Census
Bureau

Timeline

Major data releases:
- **2018 ACS 1-Year (Sept)**
- **2017 Economic Census (Sept)**
- **2018 ACS 5-Year (Dec)**

| Summer 2019 | Fall 2019 | Spring 2020 |

First data releases exclusively on new platform (Nonemployer, Public Sector)

End of new data releases on American FactFinder (June)

After data is migrated to data.census.gov, American FactFinder is to be shut down.

United States Census Bureau

Highlights from latest data.census.gov release

Search experience
- Featured statistics on select topics
- Curated tables for relevancy

Faceted filters
- Quicker scrolling experience

Geography filters in advanced search
- Dual paths to select geography
  - Summary Level Codes
  - Step by step experience
- Search by filter panel
- Geographic component toggle
- Incompatible geographic levels grayed out

Tables
- Download link on table results page
- Download multiple tables at one time
- Margins of error (MOE) displayed by default
- View more data and labels
- Links to FTP site added

Mapping
- Defaults to geography level selected
- Pseudo geographies
- Download the table from the map view

Improvements to econ tables/searches:
- Product and service codes
- View large econ tables

United States™ **Census** Bureau

Data.census.gov Webinars, Tutorials, and Feedback

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:** Recorded and upcoming webinars on data.census.gov census.gov/data/academy/webinars/2019/new-updates-data-census-site.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

NEW Data Gem:
How to Navigate data.census.gov

www.census.gov/data/academy/data-gems/2019/navigate-data-census-gov.html

2018 1-Year ACS Release

Updated September 18, 2019		
Planned Release	**Data Products[1]**	**Lowest Level Geography[2]**
September 26, 2019	**1-Year Data Release:[3]** • Data Profiles • Detailed Tables • Summary File • Comparison Profiles	Places, County Subdivisions (where available)[4] Geographies of 65,000+ population
October 17, 2019	• Selected Population Profiles • Subject Tables	
November 14, 2019	1-Year Public Use Microdata Sample (PUMS) File	Public Use Microdata Area (PUMA)

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.

Accessing Estimates

Health Insurance website

Tables on data.census.gov

Microdata

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CPS ASEC Public-Use Data

Public-use CPS ASEC available online (released 9/10/19)

- https://thedataweb.rm.census.gov/ftp/cps_ftp.html?#cpsmarch

- Public-use dictionary also posted

- Available in ASCII, SAS, and CSV formats

- ESI Offer/Takeup, Current Coverage, and Supplemental Poverty variables are now on the main file

United States Census Bureau

ACS Public-Use Data Release

- Public-use Microdata Sample (PUMS) available **November 14**
  - 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

United States Census Bureau

Upcoming ACS Data Releases: 5-Year

Date	Release	Data Product	Lowest Level of Geography
December 19, 2019	**5-Year Data Release:**[3] • Data Profiles • Detailed Tables • Summary File	Data Profiles Detailed Tables Summary File	Census Tracts Block Groups Block Groups
January 16, 2020	• Comparison Profiles • Subject Tables • Narrative Profiles (on ACS Website)	Comparison Profiles Subject Tables Narrative Profiles	Places/County Subdivisions Census Tracts Census Tracts
January 30, 2020	5-Year Public Use Microdata Sample (PUMS) File		Public Use Microdata Area (PUMA)
	5-Year Variance Replicate Estimates		Block Group
February 6, 2020	**1-Year Supplemental Estimates Release:** • Supplemental Tables		Places, County Subdivisions (where available) Geographies of 20,000+ population

United States Census Bureau

SHADAC Resources

Visit StateHealthCompare.SHADAC.org

ACCESS State-level estimates related to the Culture of Health and heath care

DOWNLOAD customized reports and select data as an excel file

GENERATE detailed graphics, trend lines, maps, bar charts, and data tables.

SUBSCRIBE to SHADAC's e-newsletter to stay updated on the latest resources

FOLLOW us on Twitter *@shadac*

SHADAC's State Health Compare

- 45+ State-level measures of:
  - Health Insurance Coverage
  - Cost of Care
  - Health Behaviors
  - Outcomes
  - Access to Care
  - Utilization of Care
  - Quality of Care
  - Public Health
  - Social and Economic Factors

Health Insurance Coverage
Coverage Type
Workers in Establishments that Offer Coverage

Cost of Care - Dollars
People with High Medical Care Cost Burden
Average Annual ESI Premium
Average Annual ESI Deductible
Employee Contributions to Premiums
High-Deductible Health Plans
Costs of Potentially Preventable Hospitalizations
Medicaid Expenses as Percent of State Budget

Cost of Care - Behavior Changes
Adults Who Forgo Needed Medical Care
Made Changes to Medical Drugs
Trouble Paying Medical Bills

Health Behaviors
Adult Binge Drinking
Adult Obesity
Adult Smoking
High School Obesity
High School Smoking
High School Physical Activity
Sales of Opioid Painkillers
Opioid-Related and Other Drug Poisoning Deaths

Outcomes
Chronic Disease Prevalence
Activities Limited due to Health Difficulty
Cancer Incidence
Health Status
Premature Death
Adult Unhealthy Days

Access to Care
Adults with No Personal Doctor
No Trouble Finding Doctor
Told that Provider Accepts Insurance
Had Usual Source of Medical Care

Utilization of Care
Had General Doctor or Provider Visit
Had Emergency Department Visit
Spent the Night in a Hospital

Quality of Care
Adult Cancer Screenings
Adult Potentially Preventable Hospitalizations
Child Potentially Preventable Hospitalizations
Child Vaccinations

Public Health
Weight Assessment in Schools
School Nutrition Standards Stronger than USDA
Schools Required to Provide Physical Activity
Smoke Free Campuses
Cigarette Tax Rates
Public Health Funding

Social and Economic Factors
Children Considered to be Poor
Unemployment Rate
Income Inequality
Unaffordable Rents

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16 Data Sources, including:

- American Community Survey (ACS)

- Current Population Survey (CPS)

- CDC WONDER Database

- U.S. Drug Enforcement Agency's Automated Reports and Consolidated Ordering System (ARCOS)

- Behavioral Risk Factor Surveillance System (BRFSS)

- National Health Interview Survey (NHIS)

- Other sources

SHADAC's State Health Compare

🔍 Access Policy-relevant breakdowns available for most measures
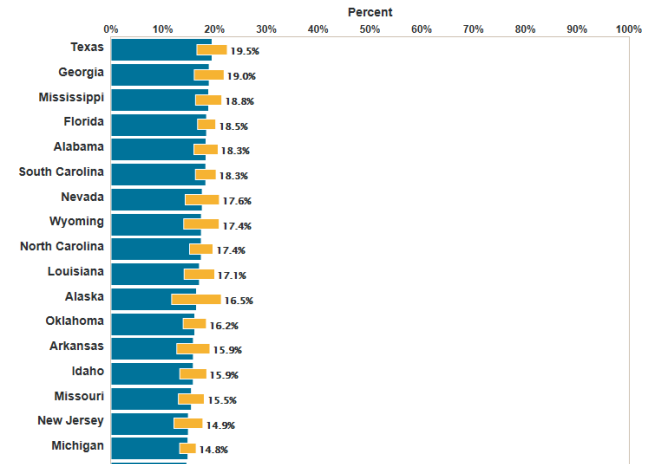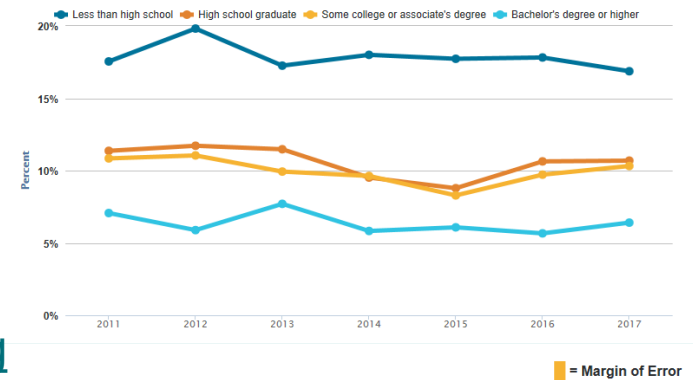
📊 Generate tables, maps, bar charts, trends, and state rankings

✳ Margins of error in addition to point estimates allows for significance testing

⬇ Data can be downloaded in spreadsheet format

Percent of adults who could not get medical care when needed due to cost

State:	Education:	Timeframe	Data Type:
Minnesota	All Selected	2011 to 2017	Percent

Legend: Less than high school · High school graduate · Some college or associate's degree · Bachelor's degree or higher

= Margin of Error

State	Percent
Texas	19.5%
Georgia	19.0%
Mississippi	18.8%
Florida	18.5%
Alabama	18.3%
South Carolina	18.3%
Nevada	17.6%
Wyoming	17.4%
North Carolina	17.4%
Louisiana	17.1%
Alaska	16.5%
Oklahoma	16.2%
Arkansas	15.9%
Idaho	15.9%
Missouri	15.5%
New Jersey	14.9%
Michigan	14.8%

Hest, Robert. "Significance Testing Using State Health Compare." May 2017. SHADAC. Available at: www.shadac.org/publications/significance-testing-using-state-health-compare

Virtual Tour

statehealthcompare.shadac.org/

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Changes in Uninsurance from 2017 to 2018 blogs, Infographic and Maps

- National Uninsurance Increased alongside Eight States; Three States Saw Decreases (Infographic)

- Understanding the New CPS Processing System and New 2018 Health Insurance Coverage Estimates

- Public Coverage Changes Split Evenly Among States, Private Coverage Changes Experience Greater Variability than in 2017

2018 ACS: Public Coverage Changes Split Evenly Among States, Private Coverage Changes Experience Greater Variability than in 2017

Private Coverage Rates by State, All Ages, 2017-2018: As Many States (Four) Saw Increases as Saw Decreases (Four)

- Four states (Colorado, New Hampshire, Vermont, and Wyoming) experienced significant increases in private coverage rates in 2018, echoing a similar trend in 2017, when private coverage increased significantly in just three states. Vermont saw the largest increase in private coverage from 2017 to 2018, growing by 3.4 percentage points, from 66.5% to 59.1%.
- Private coverage decreased significantly also in just four states from 2017 to 2018 (Iowa, Louisiana, Texas, and Virginia), a decrease from 2017, when ten states experienced significant decreases in private coverage. Louisiana saw the largest 2018 decrease in private coverage, with its rate falling 1.2 percentage points, from 60.3% to 59.1%.
- 42 states (including D.C.) experienced no significant change in rates of private coverage from 2017 to 2018.[1]

September 10, 2019
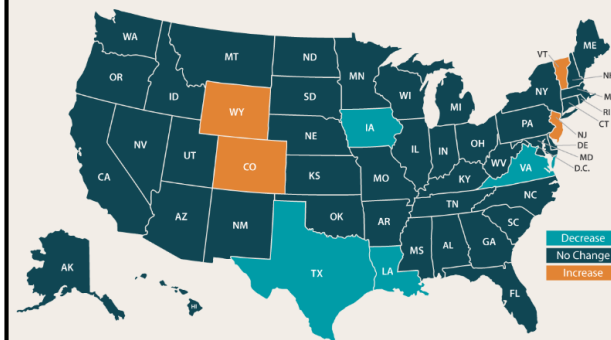
UNINSURED RATE INCREASED
NATIONALLY AND IN EIGHT STATES IN 2018

ESTIMATES FROM THE AMERICAN COMMUNITY SURVEY (ACS)

New data from the ACS show that the nation's uninsured rate increased significantly in 2018, rising from 8.7 percent in 2017 to 8.9 percent in 2018. Uninsurance also rose significantly in eight states in 2018, while falling significantly in three. Of these eleven states that saw significant changes in uninsured rates from 2017 to 2018, Idaho saw the largest increase from 10.1 percent to 11.1 percent, and Wyoming saw the largest decrease from 12.3 percent to 10.5 percent.

NATIONAL UNINSURED RATE OVER TIME, 2014-2018
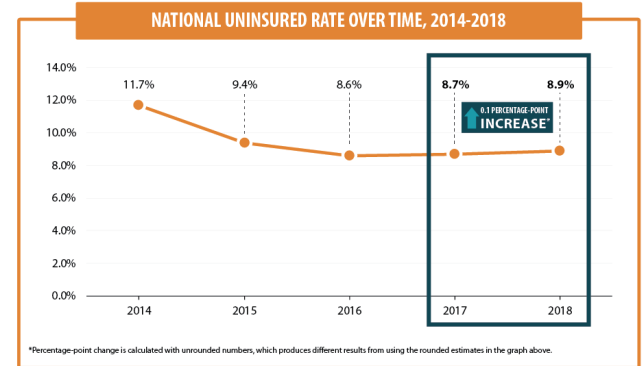
*Percentage-point change is calculated with unrounded numbers, which produces different results from using the rounded estimates in the graph above.

CHANGES IN STATE UNINSURED RATES, 2017-2018

PERCENTAGE-POINT CHANGES IN STATE UNINSURED RATES, 2017-2018
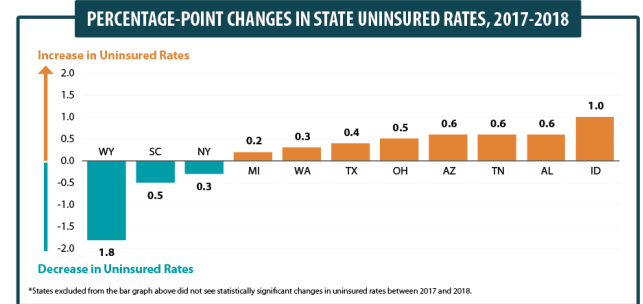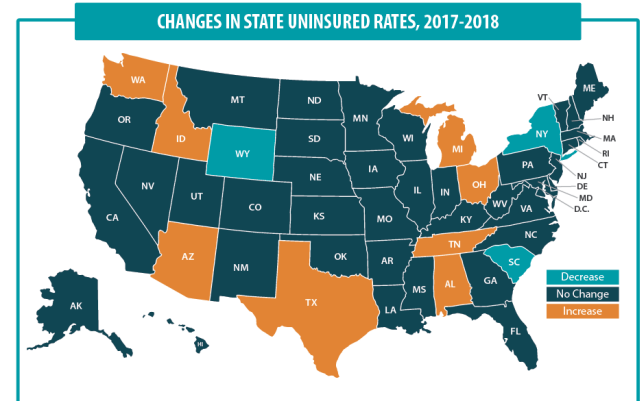
*States excluded from the bar graph above did not see statistically significant changes in uninsured rates between 2017 and 2018.

Note: All year-over-year changes are statistically significant at the 90 percent confidence level.

Source: American Community Survey estimates. Barnett, J.C., Berchick, E.D., & Upton, R.D. (2019, September 10). *Health Insurance Coverage in the United States: 2018* [Report 60-267]. Retrieved from https://www.census.gov/library/publications/2019/demo/p60-267.html

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Comparing Federal Government Surveys
Forthcoming

# 2018 ACS Tables: State & County Estimates
Forthcoming

2017 ACS Tables: State & County Uninsured Rates, with Comparison Year 2016

September 2018:

The map on this page links to tables containing state and county uninsurance estimates for 2017. These estimates come from the 2017 American Community Survey (ACS) via the U.S. Census Bureau's American FactFinder (AFF) tool and were released on September 13, 2018.

Click on a state to see state and county uninsurance rates by characteristics (for example, age, race/ethnicity, and poverty level) for 2017 and comparison year 2016. *Due to sample size constraints, single-year ACS estimates are available at the county level only for counties with a population greater than 65,000.*
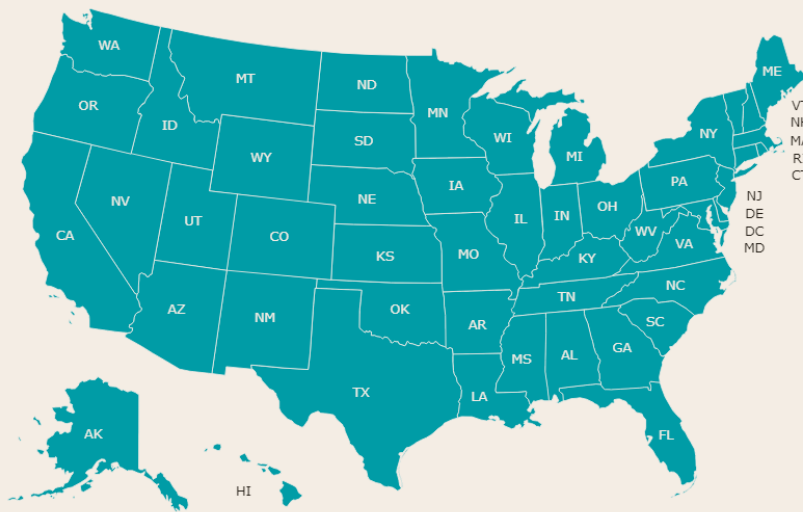
Uninsurance Rates for Minnesota in 2016 and 2017

Subject	2016 Population	2016 % Uninsured	2017 Population	2017 % Uninsured
Total civilian noninstitutionalized population				
United States	318,175,867	8.6	320,775,014	8.7*
Minnesota	5,462,438	4.1	5,519,199	4.4*
Age				
Under 19 years	(no data)	(no data)	1,372,988	3.4
19 to 64 years	(no data)	(no data)	3,317,065	5.8
19 to 25 years	499,225	6.4	490,213	6.4
65 years and older	800,451	0.2	829,146	0.3
Race/Ethnicity				
White alone	4,552,519	3.2	4,564,911	3.5*
Black or African American alone	323,107	7.2	354,269	6.4
American Indian and Alaska Native alone	60,807	16.7	58,623	17.0
Asian alone	258,067	3.5	272,411	4.1
Native Hawaiian and Other Pacific Islander alone	1,398	8.6	1,976	20.2
Some other race alone	111,329	24.2	110,248	23.8
Two or more races	155,211	5.4	156,761	7.0*
Hispanic or Latino (of any race)	285,726	17.6	293,945	17.3
White alone, not Hispanic or Latino	4,401,935	2.8	4,411,286	3.2*
Citizenship Status				
Native born	5,012,161	3.4	5,036,725	3.7*
Naturalized	228,194	4.5	252,865	5.1
Not a citizen	222,083	20.1	229,609	18.4
Education (26 years and older)				
Less than high school graduate	(no data)	(no data)	247,560	13.3
High school graduate (includes equivalency)	(no data)	(no data)	901,616	6.3
Some college or associate's degree	(no data)	(no data)	1,180,986	4.3
Bachelor's degree or higher	(no data)	(no data)	1,325,836	1.8
Work Experience (19-64 years)				
Worked full-time, year round in the past 12 months	(no data)	(no data)	1,955,644	4.3
Worked less than full-time, year round in the past 12 months	(no data)	(no data)	931,925	8.1
Did not work	(no data)	(no data)	429,496	7.6
Household Income				
Under $25,000	610,921	7.4	555,904	7.0
$25,000 to $49,999	942,596	6.9	915,758	7.6
$50,000 to $74,999	966,730	4.7	953,498	5.2
$75,000 to $99,999	836,767	3.6	837,448	4.0
$100,000 and over	2,028,035	1.8	2,179,728	2.1*
Poverty Status				
Below 138 percent of the poverty threshold	831,753	8.6	793,416	8.3
138 to 399 percent of the poverty threshold	(no data)	(no data)	2,113,268	6.2
At or above 400 percent of the poverty threshold	1,603,161	4.9	2,541,663	1.7*

Source: U.S. Census Bureau 2016 and 2017 American Community Surveys, downloaded from American FactFinder Tables S2701, September 13, 2018. Civilian noninstitutionalized population. * Statistically different at the 90% confidence level, calculations by SHADAC. N indicates cells where the number of sample cases is too small. (no data) indicates categories that have changed from 2016 to 2017.

MN Population Center Releases (IPUMS)

- Micro-data is currently available through 2017

- 2018 CPS and ACS data will be available about 2 weeks after the public use files are released from the Census Bureau

- SHADAC Health Insurance Unit (HIU) and Federal Poverty Guidelines (FPG) variables for CPS and ACS will be available through IPUMS soon

http://www.ipums.org

Question & Answer

Kathleen Call
SHADAC

Robert Hest
SHADAC

Laryssa Mykyta
U.S. Census Bureau

Edward Berchick
U.S. Census Bureau

*Please submit question using the chat box
or Tweet questions to @SHADAC.*

Contact Information

Please email shadac@umn.edu
with any follow-up questions.

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www.shadac.org

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