

Health, United States, 2018: Annual report, year-round resource

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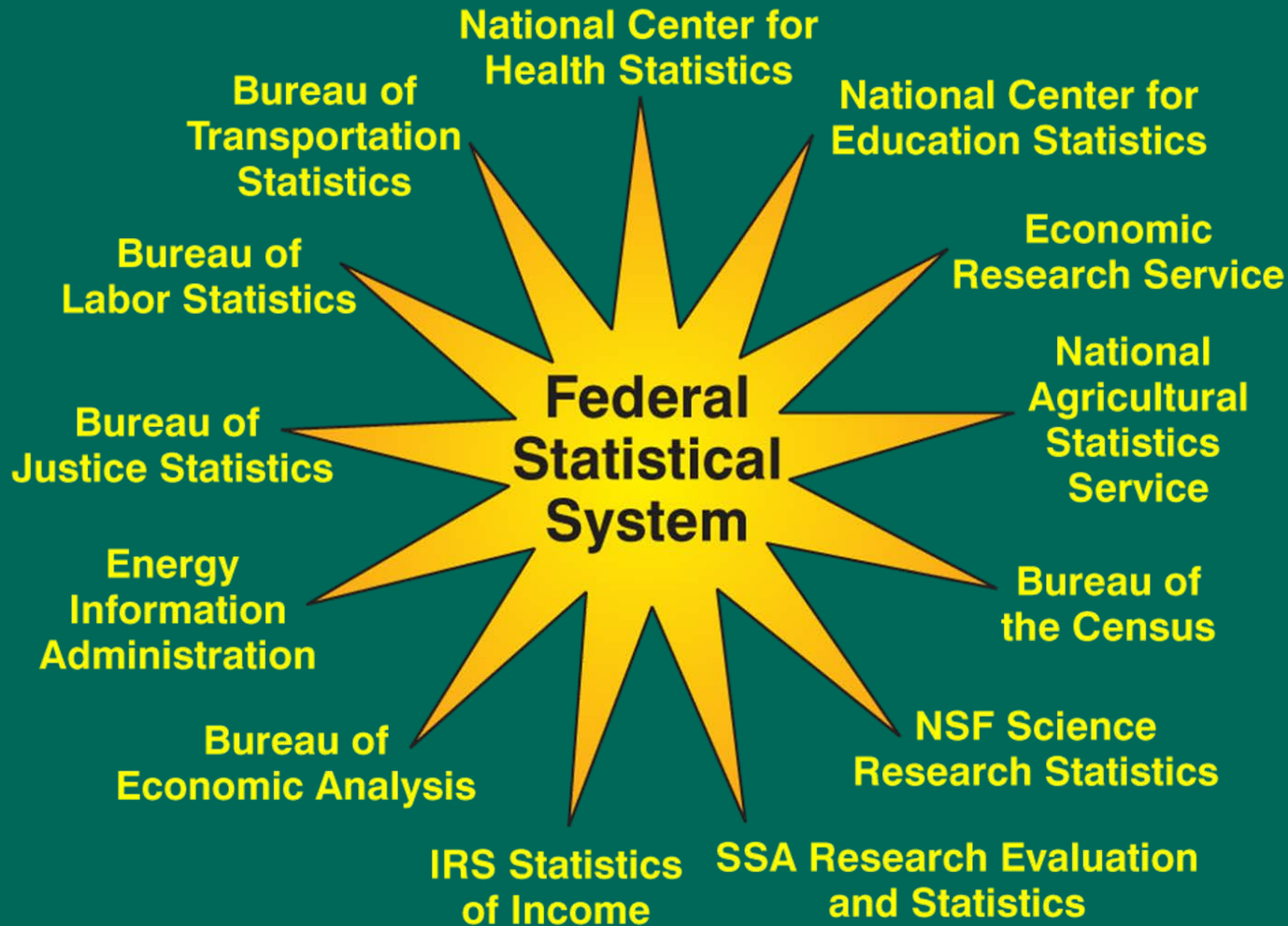
Chief, Population Health Research and Dissemination Branch
Division of Analysis and Epidemiology

NCHS Webinar
Hyattsville MD
November 14, 2019



Outline

- What is *Health, United States*?
- What are some themes from the *Health, United States, 2018* annual report?
- How can *Health, United States* be a resource throughout the year?
- How can you provide feedback on *Health, United States*?



National Center for Health Statistics

- Part of the federal statistical system of 13 principal statistical agencies
- NCHS is the nation's principal health statistics agency
 - Provides accurate, timely, and relevant information to help identify and address health issues

NCHS Data Collection Programs



In addition to its major data collection programs, NCHS fulfills its mission by conducting targeted surveys and through its Data Linkage Program

Health, United States: Report mandate

A Congressionally mandated report from the Secretary of Health and Human Services to the President and Congress

Published by the National Center for Health Statistics since 1975

Covers 4 major subject areas:

- Health Status and Determinants
- Health Care Utilization
- Health Care Resources
- Health Care Expenditures and Payers

Health, United States: Report goals

Educate and inform the public and policymakers on key health topics

- Bring together health information from multiple data sources
- Focus on trends over time
- Examine health disparities between population subgroups

Health, United States, 2018: Annual report and products

Chartbook on the Health of Americans

- Figures and analytic text, usually between 2007 and 2017
- Highlights, usually 2017 data or simple comparisons

Supplementary trend tables

- Longer term trends among more detailed population groups

Appendices

- Details and descriptions of data sources and methodology

Social media-friendly visuals

- Shareable images to communicate highlights

Health, United States, 2018: Annual report themes

Data from 10 charts and tables illustrating the following trends:

- Decreases in life expectancy and changing mortality rates
- Changes in health care access and utilization among adults and children
- Continuing disparities between demographic and geographic groups

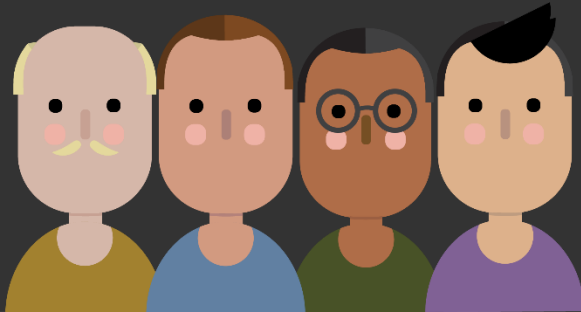
Health, United States, 2018: Life expectancy and mortality

- Life expectancy
- Drug overdose death rates
- Suicide rates
- Heart disease death rates

Male life expectancy

#HealthUS

Life expectancy at birth for males **decreased each year** since 2014.



Life expectancy at birth (years) for males

76.5
2014

76.3
2015

76.2
2016

76.1
2017

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Life expectancy at birth in the U.S., after increasing or remaining the same in every year between 1994 and 2014, has declined in two of the past three years. Significant decreases in life expectancy have been observed each year since 2015 among men, while remaining stable among women.

From 2007 to 2017, the death rate for drug overdose increased 82%, from 11.9 to 21.7 deaths per 100,000.

Figure 4. Drug overdose death rates among persons aged 15 years and over, by sex and age: United States, 2007–2017

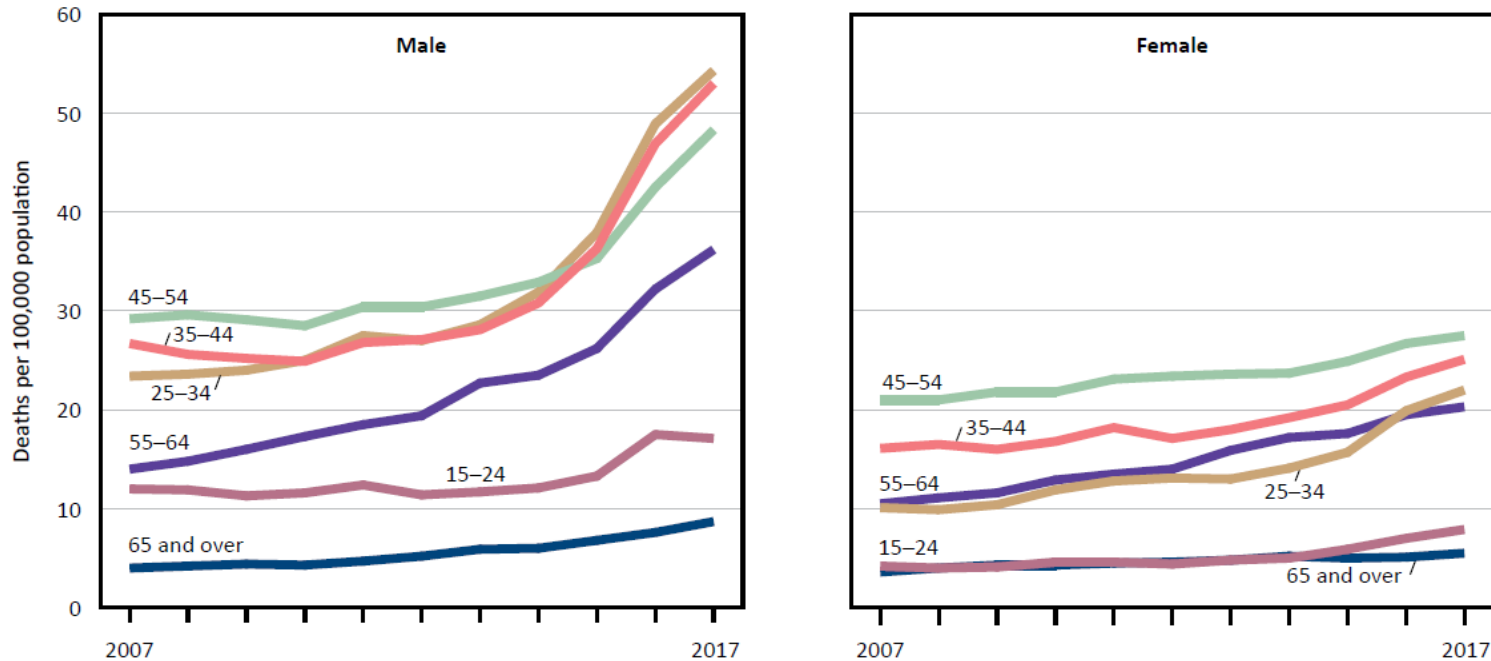


Table 9. Death rates for suicide, by sex, race, Hispanic origin, and age: United States, selected years 1950–2017

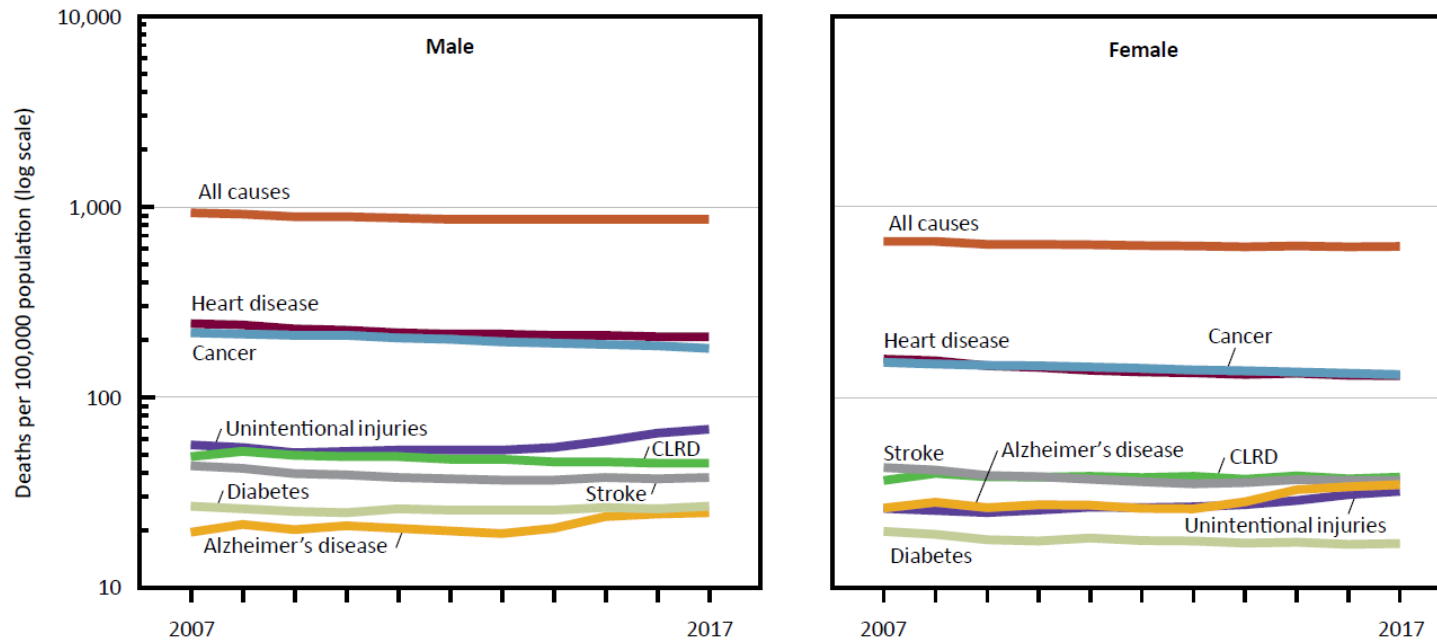
Excel version (with more data years and standard errors when available): https://www.cdc.gov/nchs/hus/contents2018.htm#Table_009.

[Data are based on death certificates]

Sex, race, Hispanic origin, and age	1950 ^{1,2}	1960 ^{1,2}	1970 ²	1980 ²	1990 ²	2000 ³	2010 ³	2016 ³	2017 ³
All persons	Deaths per 100,000 resident population								
All ages, age-adjusted ⁴	13.2	12.5	13.1	12.2	12.5	10.4	12.1	13.5	14.0
All ages, crude	11.4	10.6	11.6	11.9	12.4	10.4	12.4	13.9	14.5
10–14 years	0.3	0.5	0.6	0.8	1.5	1.5	1.3	2.1	2.5
15–24 years	4.5	5.2	8.8	12.3	13.2	10.2	10.5	13.2	14.5
15–19 years	2.7	3.6	5.9	8.5	11.1	8.0	7.5	10.0	11.8
20–24 years	6.2	7.1	12.2	16.1	15.1	12.5	13.6	16.1	17.0
25–44 years	11.6	12.2	15.4	15.6	15.2	13.4	15.0	16.9	17.7
25–34 years	9.1	10.0	14.1	16.0	15.2	12.0	14.0	16.5	17.5
35–44 years	14.3	14.2	16.9	15.4	15.3	14.5	16.0	17.4	17.9
45–64 years	23.5	22.0	20.6	15.9	15.3	13.5	18.6	19.2	19.6
45–54 years	20.9	20.7	20.0	15.9	14.8	14.4	19.6	19.7	20.2
55–64 years	26.8	23.7	21.4	15.9	16.0	12.1	17.5	18.7	19.0
65 years and over	30.0	24.5	20.8	17.6	20.5	15.2	14.9	16.7	16.8
65–74 years	29.6	23.0	20.8	16.9	17.9	12.5	13.7	15.4	15.6
75–84 years	31.1	27.9	21.2	19.1	24.9	17.6	15.7	18.2	18.0
85 years and over	28.8	26.0	19.0	19.2	22.2	19.6	17.6	19.0	20.1

Mortality rates from the two leading causes of death in the United States, heart disease and cancer, have declined since 2007, though the rate of decrease slowed for heart disease from 2011 to 2017.

Figure 3. Age-adjusted death rates for selected causes of death for all ages, by sex: United States, 2007–2017

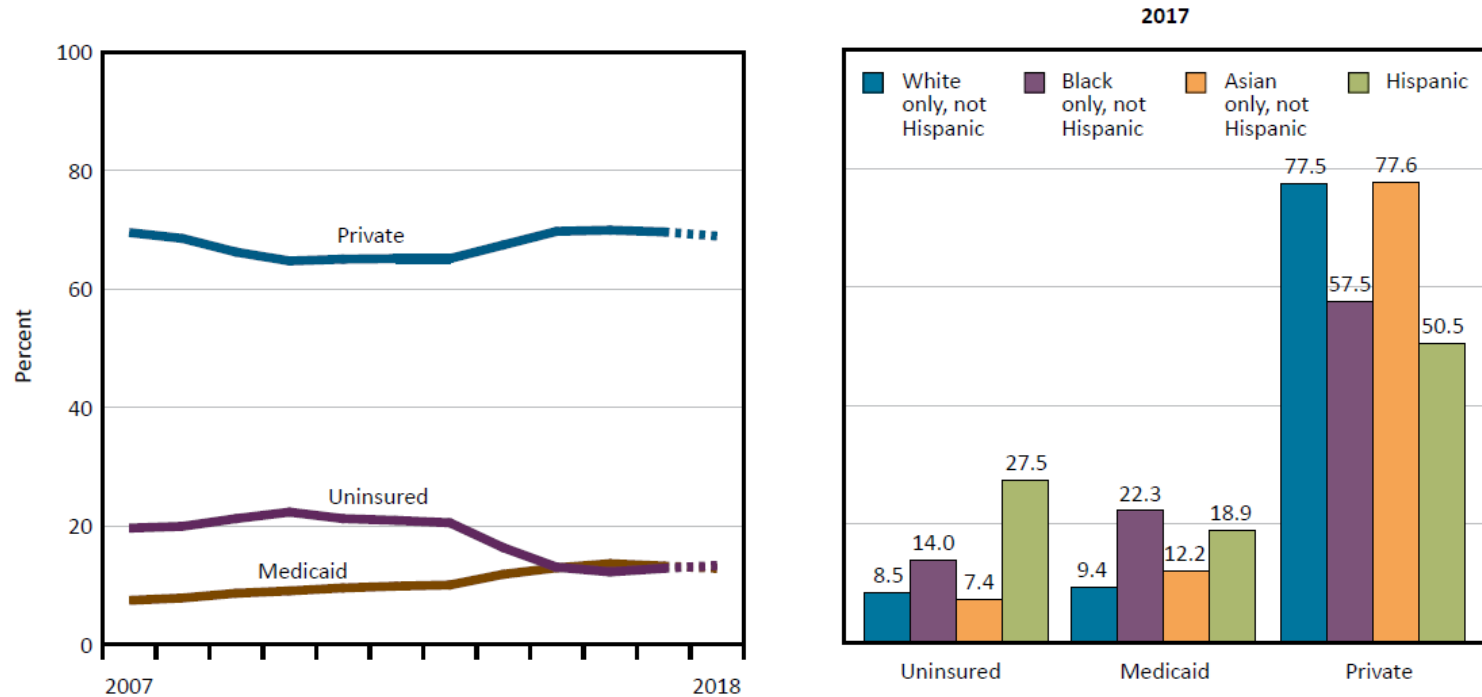


Health, United States, 2018: Access and Utilization

- Insurance status among adults and children
- Delay or nonreceipt of prescription drugs due to cost
- Prescription drug use
- Vaccination

The percentage of adults aged 18–64 who were uninsured was 13.3% in 2018, 6.3 percentage points lower than in 2007 (19.6%)

Figure 20. Health insurance coverage among adults aged 18–64, by type of coverage and race and Hispanic origin: United States, 2007–2018 (preliminary data)



In 2017, the percentage of adults aged 18–64 years who delayed or did not get needed prescription drugs due to cost differed by insurance coverage status:

- Private: 3.8%
- Medicaid: 9.4%
- Uninsured: 16.8%

Prescription drug use

In 2015–2016, **1 in 8 people (12.5%)** used five or more prescription drugs in the past 30 days.

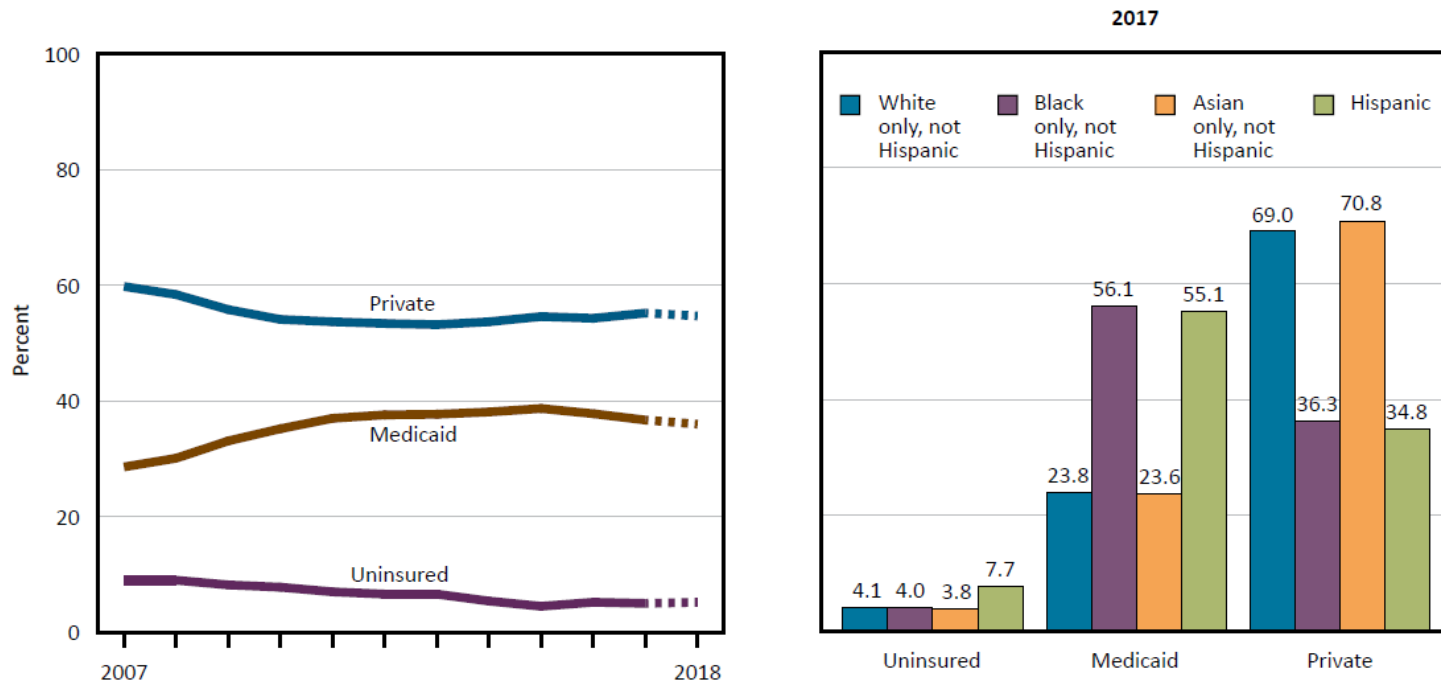
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From 2007 to 2018, the percentage of children under 18 years with no health insurance decreased 3.8 percentage points to 5.2%.

Figure 19. Health insurance coverage among children under age 18 years, by type of coverage and race and Hispanic origin: United States, 2007–2018 (preliminary data)



Childhood vaccinations

Did you know?

Coverage for the combined 7-vaccine series among children aged 19–35 months **varied by insurance status** in 2017.

PRIVATE
INSURANCE

76.0%

completed the
vaccine series

MEDICAID

66.5%

completed the
vaccine series

UNINSURED

48.5%

completed the
vaccine series

Combined 7-vaccine series: Includes varying doses of vaccines for diphtheria, tetanus, pertussis; poliovirus; measles; *Haemophilus influenzae* type b; hepatitis B; chickenpox; and pneumococcal disease.

#HealthUS

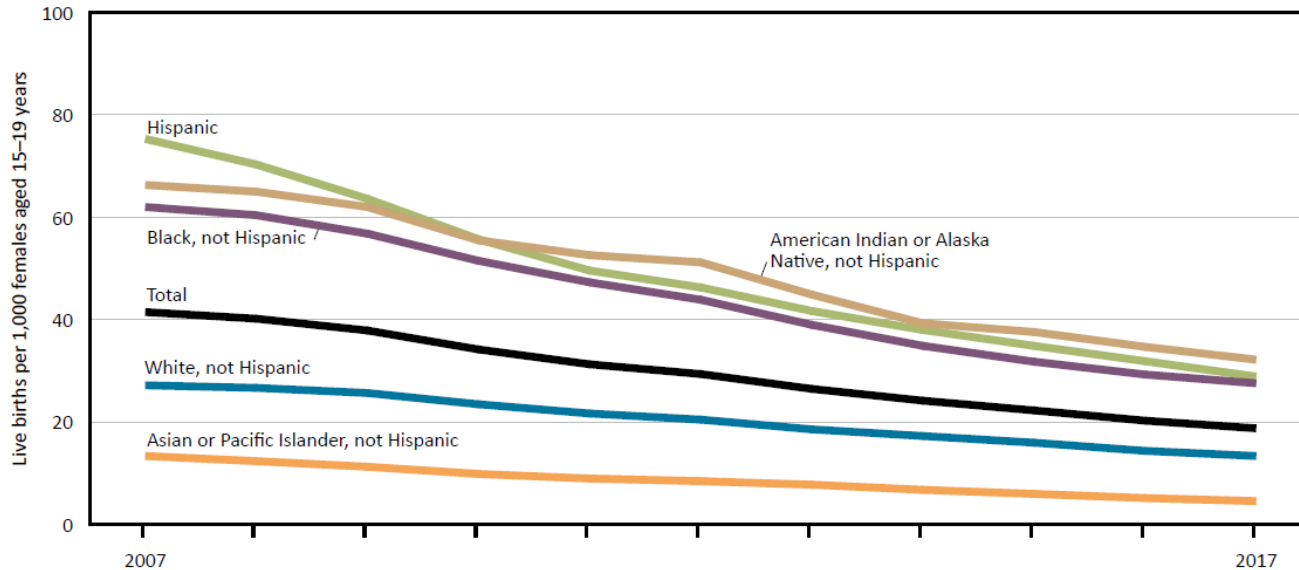
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Health, United States, 2018: Continuing Disparities

- Teen births among females aged 15–19 years
- Vaccination coverage among children aged 19–35 months

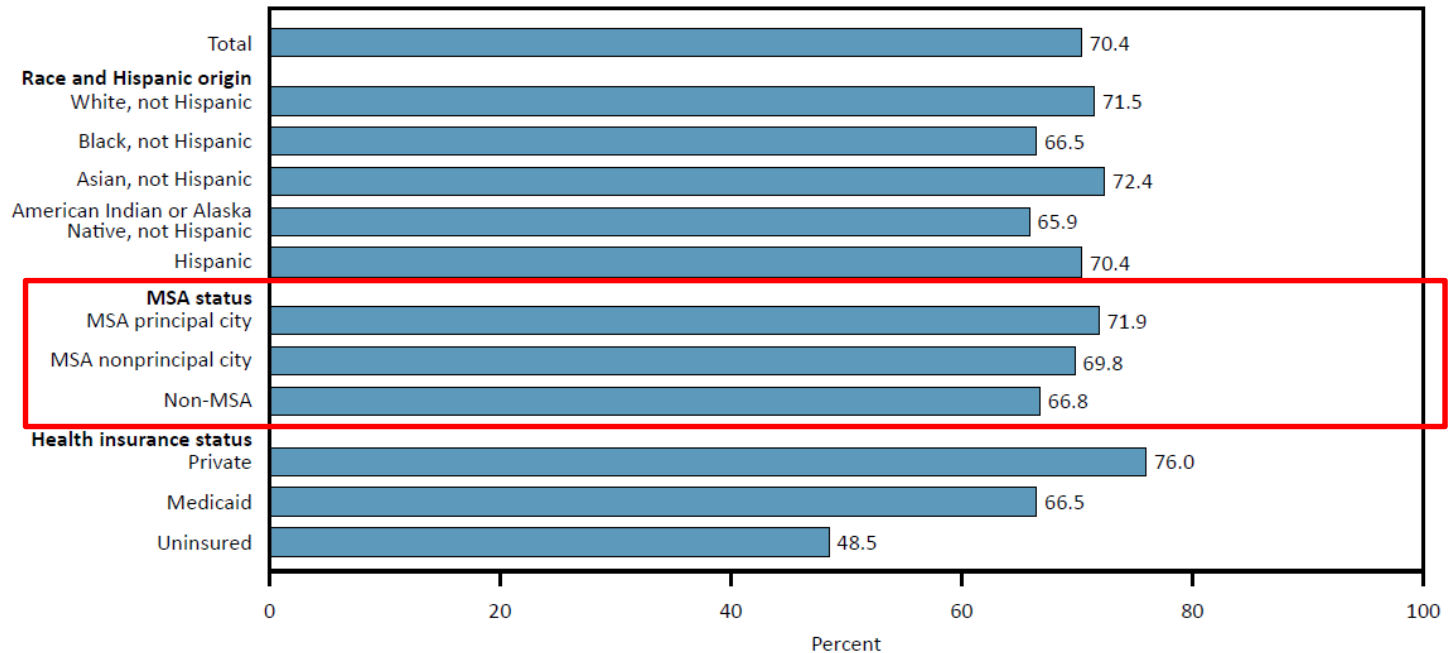
The birth rate among teenagers aged 15–19 years fell by more than one-half, from 41.5 in 2007 to 18.8 live births per 1,000 teens in 2017—a record low for the United States. Throughout that period, disparities by race and Hispanic origin persisted.

Figure 5. Teen births among females aged 15–19 years, by race and Hispanic origin: United States, 2007–2017

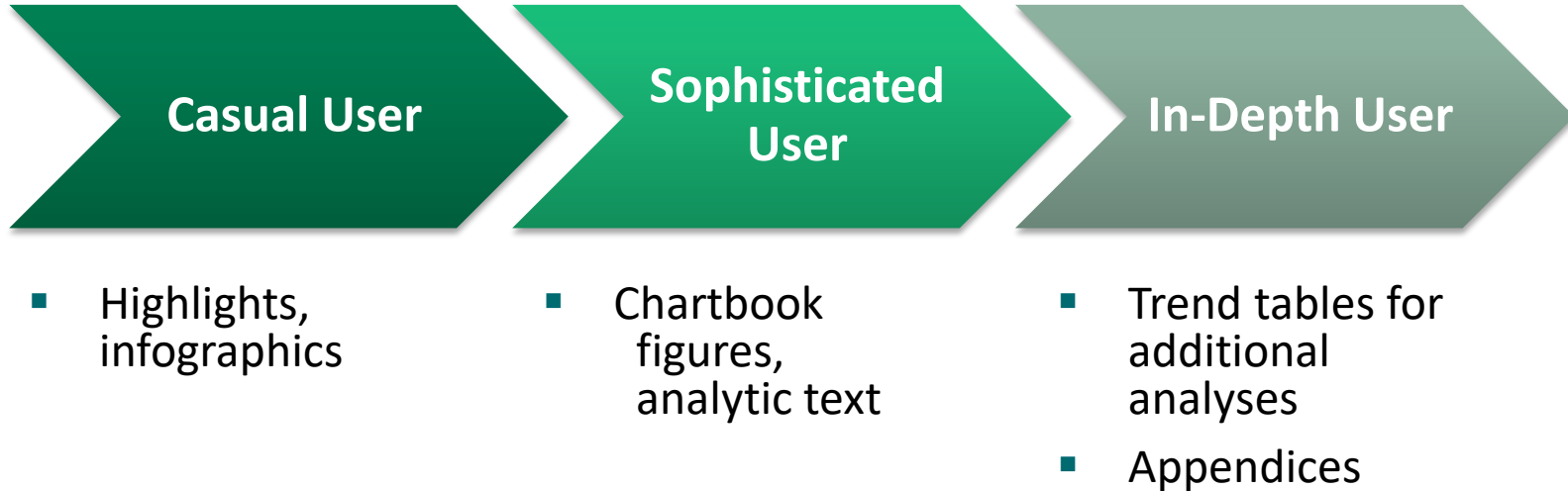


Children living outside of metropolitan statistical areas (MSAs) (66.8%) were less likely to have received the combined vaccination series than those living in MSA principal cities (71.9%).

Figure 13. Vaccination coverage for combined series among children aged 19–35 months, by selected characteristics: United States, 2017



Health, United States: A year-round resource



Health, United States Example: Functional Limitation

- **Washington Group Short Question Set on Functioning:**
 - An international standard for assessing disability in censuses and surveys
 - Short set assesses **vision, hearing, mobility, upper-body functioning, communication, and cognition**
 - Composite, or domain-specific, limitation can be calculated, along with a continuum of difficulty levels
- Questions on functional limitation have been asked of Sample Adults on the NHIS since 2010

In-Depth Users: Appendix

Functional limitation—Functional limitation is based on six questions asked of persons aged 18 and over in the National Health Interview Survey (NHIS):

- Do you have difficulty seeing, even when wearing glasses?
- Do you have difficulty hearing, even when using your hearing aid(s)?
- Do you have difficulty walking or climbing steps?
- Using your usual language, do you have difficulty communicating, for example, understanding or being understood?
- Do you have difficulty remembering or concentrating?
- Do you have difficulty with self-care, such as washing all over or dressing?

Casual Users: Highlights

Functional Limitation

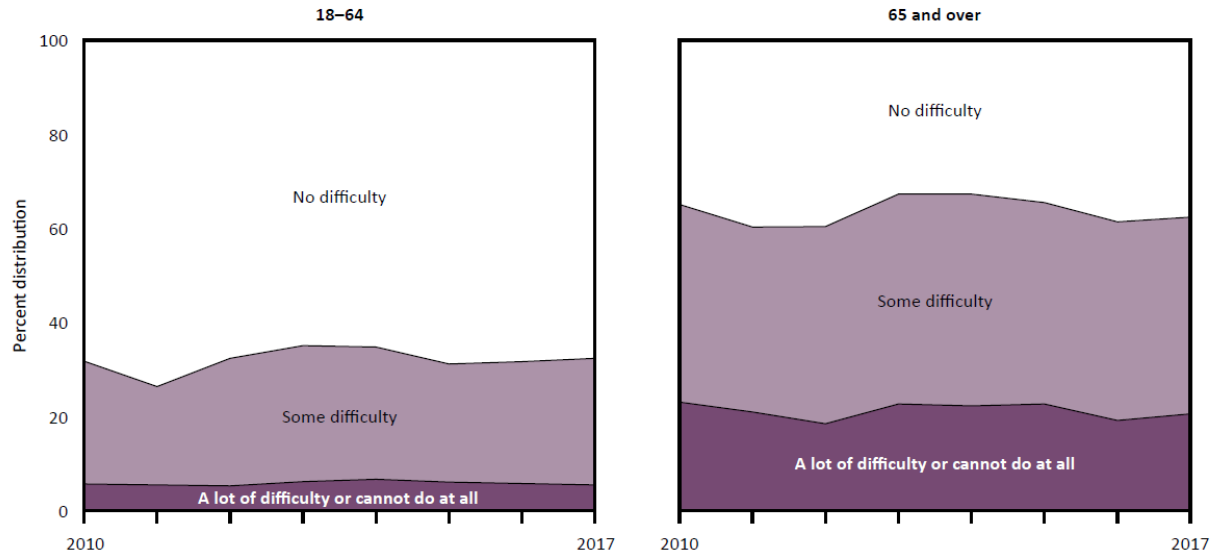
- In 2017, the percentage of adults aged 18–64 who reported having difficulty in functioning was 33.7%, with 27.8% reporting “some difficulty” and another 5.9% reporting “a lot of difficulty” or “cannot do at all.”

Sophisticated Users: Chartbook

Health Status and Determinants

Functional Limitation

Figure 12. Functional limitation among adults aged 18 and over, by age and level of difficulty: United States, 2010–2017



In-Depth Users: Trend Tables

Health, United States, 2018 – Data Finder

The 47 trend tables featured here are available as online-only supplements to *Health, United States, 2018* and contain the most recent data available at the time of publication. Historical trend tables that are not in the 2018 edition are available on the [Health, United States, 2017 Data Finder](#).

Filter Data By Reset to default order Clear data filters

Table / Figure: Subjects: Population Subgroups:

All Tables / Figures All subjects All population subgroups

Table / Figure	Title	PDF	Excel	PPT	Subjects	Population Subgroups
Table 001	Crude birth rates, fertility rates, and birth rates, by age, race, and Hispanic origin of mother: United States, selected years 1950–2017	[PDF - 172 KB]	[XLSX - 56 KB]		Births	Adults, American Indian or Alaska Native, Asian or Pacific Islander, Black or African American, Children and adolescents, Hispanic or Latino, White, Women
Table 002	Infant, neonatal, postneonatal, fetal, and perinatal mortality rates, by detailed race and Hispanic origin of	[PDF - 88 KB]	[XLSX - 23 KB]		Deaths, Infant mortality	American Indian or Alaska Native, Asian or Pacific Islander, Black or African American, Children and adolescents,

Data Finder as Electronic Index

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Filter Data By Reset to default order Clear data filters

Table / Figure: Subjects: Population Subgroups:

All Tables / Figures Functional limitation All population subgroups

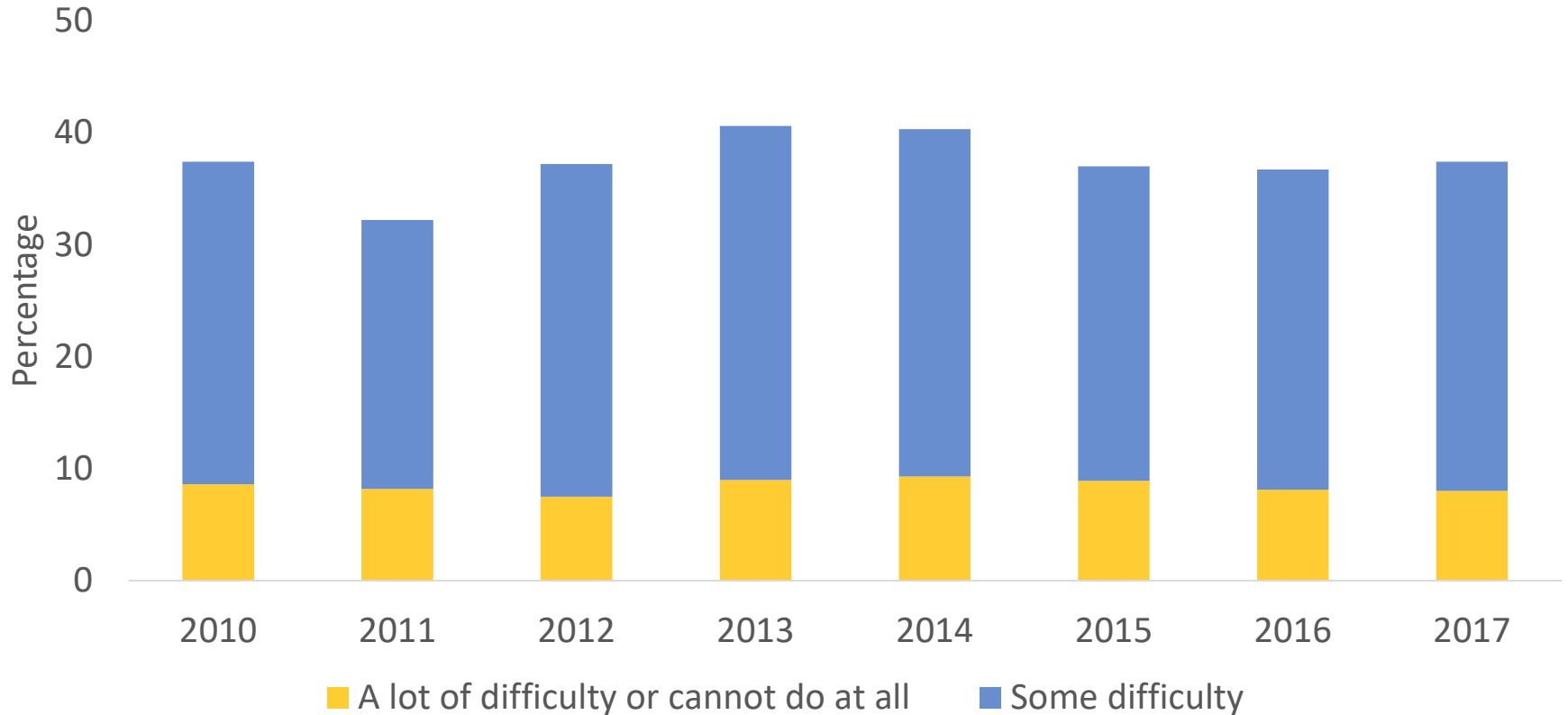
Table / Figure	Title	PDF	Excel	PPT	Subjects	Population Subgroups
Table 015	Functional limitation among adults aged 18 and over, by selected characteristics: United States, selected years 2010–2017	[PDF – 149 KB]	[XLSX – 34 KB]		Functional limitation	Adults, American Indian or Alaska Native, Asian or Pacific Islander, Black or African American, Hispanic or Latino, Men, Metropolitan and nonmetropolitan, Older persons, Poverty status, White, Women
Figure 012	Functional limitation among adults aged 18 and over, by age and level of difficulty:	[PDF –]	[XLSX – 17 KB]		Functional limitation	Adults, Older persons

In-Depth Users: Trend Tables in Excel

	A	H	I	J	K	L	M	N	O	P	Q
1	Table 15. Functional limitation among aged years 2010–2017										
2	<i>Excel version (with more data years and standard errors)</i>										
3	[Data are based on household interviews of a sample of]										
4											
5	Characteristic	2013	SE	2014	SE	2015	SE	2016	SE	2017	SE
6	Level of difficulty ^{1/, 2/}										
7	A lot of difficulty or cannot do at all	21.9	---	23.1	---	21.1	---	20.2	---	20.7	---
8	Some difficulty	74.5	---	74.1	---	65.2	---	69.8	---	73.3	---
9	No difficulty	133.7	---	135.3	---	136.7	---	146.3	---	145.4	---
10											
11	Total, age-adjusted ^{2/, 3/}	9.0	0.3	9.3	0.3	8.9	0.3	8.1	0.3	8.0	0.3
12	Total, crude ^{3/}	9.5	0.3	9.9	0.3	9.5	0.3	8.6	0.3	8.7	0.3
13	Sex ^{2/}										
14	Male	8.7	0.5	8.7	0.4	8.4	0.5	7.6	0.4	7.3	0.4
15	Female	10.2	0.4	11.0	0.4	10.5	0.4	9.5	0.4	9.9	0.4
16	Race ^{2/, 4/}										
17	White only	9.5	0.4	9.8	0.4	9.5	0.4	8.8	0.3	8.7	0.3
18	Black or African American only	10.9	0.8	11.7	0.9	9.5	0.8	8.9	0.9	9.5	0.8

In-Depth Users: Trend Tables in Excel

Functional limitation among adults aged 18 and over, 2010—2017



Takeaways

- *Health, United States* is an **annual report** on the nation's health providing key content and context
 - Life expectancy
 - Access and Utilization
 - Disparities
- *Health, United States* is a **year-round resource** for quickly researching health topics
 - Casual, sophisticated, and in-depth users

Q & A

Home Health, United States

Report Description

Getting Started

At-a-Glance Table

Data Finder

Appendixes

Spotlight Infographics

Frequently Asked Questions

Electronic Mailing List

Previous Reports

Suggested Citation



Health, United States

Health, United States is an annual report on trends in health statistics.

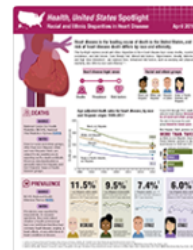
Health, United States, 2018



[Health, United States, 2018](#) 
[PDF – 10 MB]

- [At-a-Glance Table](#)
- [Highlights](#) 
- [Chartbook](#) 
- [Trend Tables](#)
- [Appendixes](#)

Spotlight Infographic



[Spotlight on Racial and Ethnic Disparities in Heart Disease \(Posted 4/23/19\)](#)

- Heart disease deaths
- Heart disease prevalence
- Heart disease risk factors

[Click for more infographics](#)

Data Finder

The Data Finder gives you *Health, United States, 2018* trend tables and figures on a subject and/or population subgroup of interest.

Popular Searches

- [Leading causes of death](#)

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Health, United States: Tell us what you think!

To improve accessibility and utility of *Health, United States*:

- Who are you (profession/organization)?
- What kinds of health data are you looking for?
- How do you like to receive and consume health data?
- How do you use *Health, United States*?



<https://www.surveymonkey.com/r/HealthUSfeedback>

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