



Reporting on the Nation's Health in *Health, United States*

Renee Gindi, PhD, Chief

Sheila Franco, MS, Health Statistician

**Population Health Research and Dissemination Branch
Division of Analysis and Epidemiology**

**Board of Scientific Counselors Meeting
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Motivating issue

Feedback is requested on (1) the new HUS products and (2) next steps for the program.

Outline

- What is *Health, United States*?
- New design for *Health, United States* products
- Examining health disparities with the new *Health, United States, 2020–2021: Annual Perspective*
- What's next for *Health, United States*?

Health, United States: Background

- Published by the National Center for Health Statistics since 1975
- Congressionally mandated report from the Secretary of Health and Human Services to the President and Congress
- Educate and inform policymakers and the public about key health topics
 - Health status and determinants
 - Healthcare utilization
 - Healthcare resources
 - Health expenditures and payers
- Draws from NCHS, CDC, HHS, other federal, and non-government sources

Health, United States: Redesign Process



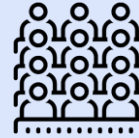
Web analytics



Web user
survey



Literature
review



Audience
research



Stakeholder
interviews

Introducing the Redesigned *Health, United States*



The *Health, United States* program provides national trends in health statistics. Explore the latest analyses from *Health, United States, 2020–2021* in the online topic pages. Links to the *Health, United States, 2019* report and materials are available on the [Annual Report](#) page.

Explore *Health, United States 2020–2021* by Topic:



[See full topic list >](#)

- New website:
 - 23 topic pages
 - Released August 2022

- Highlight program focus on
 - Trends
 - Health disparities

New: National trends and trends by selected groups

Health, United States, 2020–2021

Cancer Deaths

[Print](#)

Cancer has been one of the top two leading causes of death for more than 75 years (1,2). Deaths from cancer have decreased over the past 3 decades (Table S1ctMort 1), reflecting factors such as the decrease in cigarette smoking and increased use of cancer screening tests (3).

FEATURED CHARTS EXPLORE DATA DEFINITIONS REFERENCES

2009	2019	Trend: 2009–2019
173.5 Age-adjusted cancer deaths per 100,000 population	146.2 Age-adjusted cancer deaths per 100,000 population	

Age-adjusted cancer deaths per 100,000 population decreased from 173.5 in 2009 to 155.8 in 2016, and then decreased at a faster rate to 146.2 in 2019. A total of 599,601 people died of cancer in 2019. See [Featured Charts](#) for additional analysis.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality. See [Sources and Definitions, National Vital Statistics System \(NVSS\) and Health, United States, 2020–2021 Table S1ctMort 1](#).

[National Vital Statistics System \(NVSS\) and Health, United States, 2020–2021 Table S1ctMort 1](#)

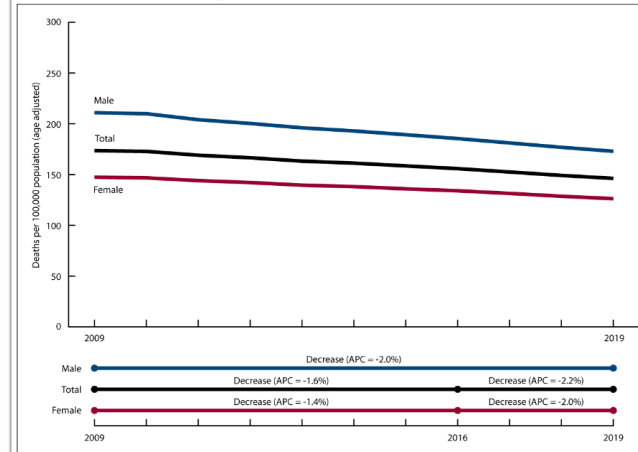
NOTES:

Featured Charts

Over the past decade, males were 1.4 times more likely to die from cancer

Over the past decade, males were 1.4 times more likely to die from cancer than females.

Figure 1. Cancer death rates, by sex: United States, 2009–2019



[View Larger](#)

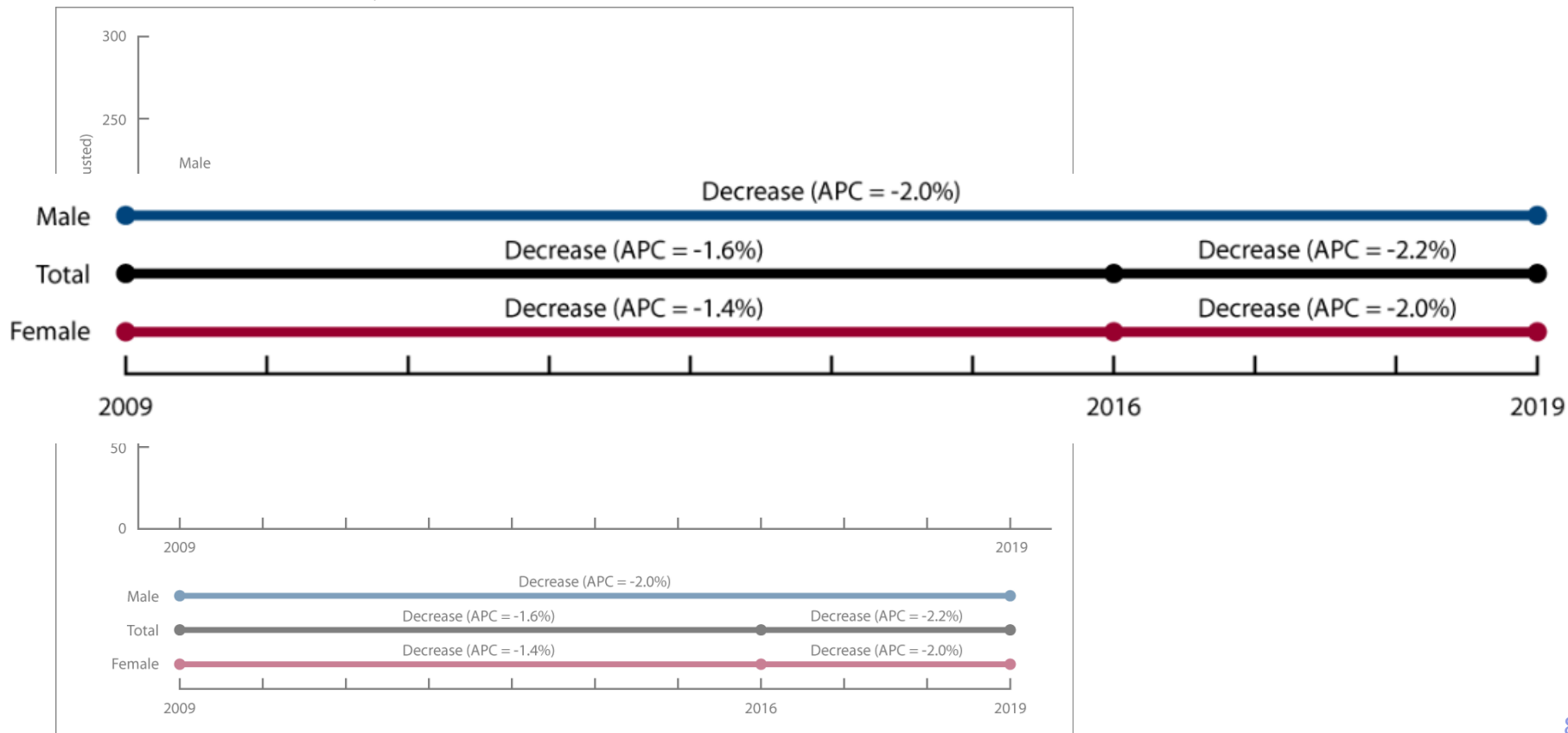
NOTE: APC is annual percent change.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality. See [Sources and Definitions, National Vital Statistics System \(NVSS\) and Health, United States, 2020–2021 Table S1ctMort 1](#).

- Among males, age-adjusted cancer deaths per 100,000 population decreased from 210.9 in 2009 to 172.9 in 2016.
- Among females, age-adjusted cancer deaths per 100,000 population decreased from 147.4 in 2009 to 134.0 in 2016.

New: Visual Trend Summary

Figure 1. Cancer death rates, by sex: United States, 2009–2019



New: Links to trend tables and definitions

Table SlctMort. Age-adjusted death rates for selected causes of death, by sex, race, and Hispanic origin: United States, selected years 1950–2019

Excel version (with more data years and standard errors when available): <https://www.cdc.gov/nchs/hus/contents2020-2021.htm#Table-SlctMort>

[Data are based on death certificates]

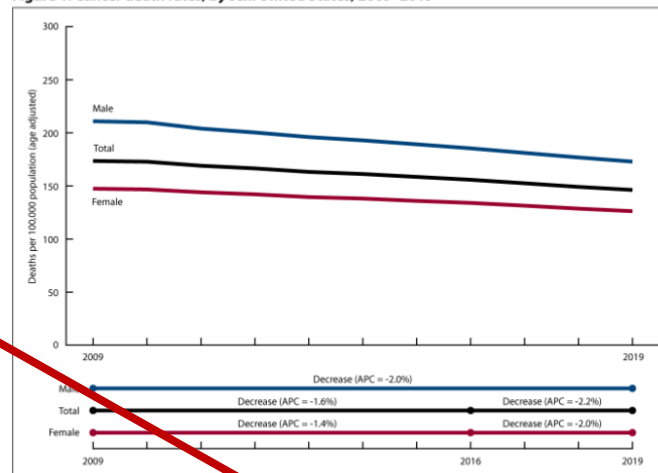
Sex and cause of death ¹	1950 ^{2,3}	1960 ^{2,3}	1970 ³	1980 ³	1990 ³	2000 ⁴	2005 ⁴	2009 ⁴	2018 ⁴	2019 ⁴
All people										
	Age-adjusted deaths per 100,000 population ⁵									
All causes.....	1,446.0	1,339.2	1,222.6	1,039.1	938.7	869.0	815.0	749.6	723.6	715.2
Diseases of heart	588.8	559.0	492.7	412.1	321.8	257.6	216.8	182.8	163.6	161.5
Ischemic heart disease.....	---	---	---	345.2	249.6	186.8	148.2	117.7	90.9	88.0
Cerebrovascular diseases.....	180.7	177.9	147.7	96.2	65.3	60.9	48.0	39.6	37.1	37.0
Malignant neoplasms.....	193.9	193.9	198.6	207.9	216.0	199.6	185.1	173.5	149.1	146.2
Trachea, bronchus, and lung.....	15.0	24.1	37.1	49.9	59.3	56.1	52.7	48.4	34.8	33.4
Colon, rectum, and anus.....	---	30.3	28.9	27.4	24.5	20.8	17.7	16.0	13.4	13.1
Chronic lower respiratory diseases ^{6,7}	---	---	---	28.3	37.2	44.2	43.9	42.7	39.7	38.2
Influenza and pneumonia ⁷	48.1	53.7	41.7	31.4	36.8	23.7	21.0	16.5	14.9	12.3
Chronic liver disease and cirrhosis.....	11.3	13.3	17.8	15.1	11.1	9.5	8.9	9.1	11.1	11.3
Diabetes mellitus ⁸	23.1	22.5	24.3	18.1	20.7	25.0	24.9	21.0	21.4	21.6
Alzheimer's disease ⁹	---	---	---	---	---	18.1	24.0	24.2	30.5	29.8
Human immunodeficiency virus (HIV) disease.....	---	---	---	---	10.2	5.2	4.2	3.0	1.5	1.4
Unintentional injuries.....	78.0	62.3	60.1	46.4	36.3	34.9	39.5	37.5	48.0	49.3
Motor vehicle-related injuries.....	24.6	23.1	27.6	22.3	18.5	15.4	15.2	11.6	11.7	11.5
Poisoning.....	2.5	1.7	2.8	1.9	2.3	4.5	8.0	10.3	19.3	20.2
Nephritis, nephrotic syndrome and nephrosis ⁴	---	---	---	9.1	9.3	13.5	14.7	15.1	12.9	12.7
Suicide ¹⁰	13.2	12.5	13.1	12.2	12.5	10.4	10.9	11.8	14.2	13.9
Homicide ¹⁰	5.1	5.0	8.8	10.4	9.4	5.9	6.1	5.5	5.9	6.0

Male

Featured Charts

Over the past decade, males were 1.4 times more likely to die from cancer than females.

Figure 1. Cancer death rates, by sex: United States, 2009–2019



[View Larger](#)

NOTE: APC is annual percent change.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality. See [Sources and Definitions, National Vital Statistics System \(NVSS\) and Health, United States, 2019](#), [Table SlctMort](#).

- From 2009 to 2019, the age-adjusted cancer death rate was higher among males than among females.
- Among males, age-adjusted cancer deaths per 100,000 population decreased from 210.9 in 2009 to 172.9 in 2019.
- Among females, age-adjusted cancer deaths per 100,000 population decreased from 147.4 in 2009 to 134.0 in 2016, and then decreased at a faster rate to 126.2 in 2019.

New: Browse *Health, United States* Tables



Health, United States – Data Finder

[Print](#)

The *Health, United States* Data Finder provides detailed trend tables and charts for recent editions of *Health, United States*. These trend tables and charts cover a number of subjects and population groups. Use the dropdown filters to select *Health, United States* data by edition year, subject, and population subgroup.

[View Suggested Citation](#)

Clear search terms Reset to default view

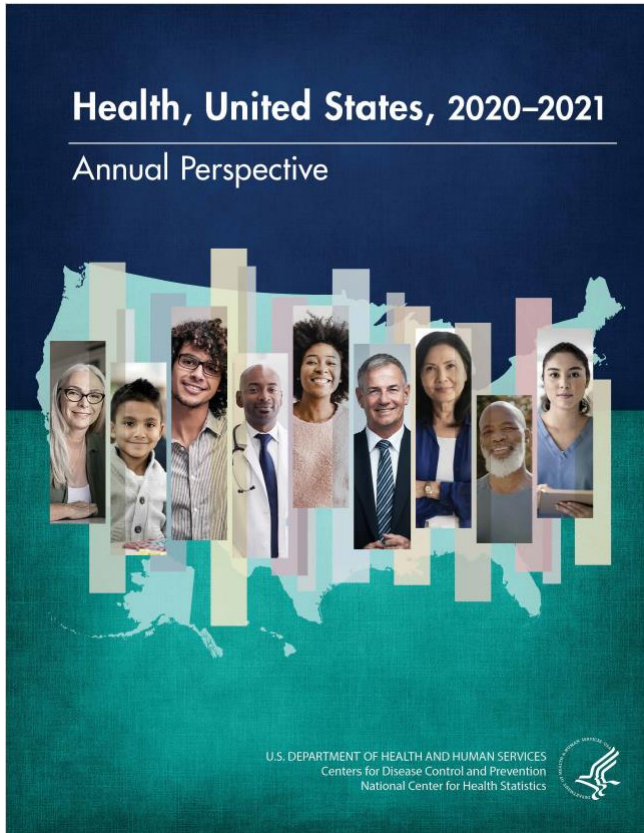
2020-2021 All Subjects Metropolitan and nonmetropolitan

Search Terms:

Edition	Table/Figure	Title	PDF	Excel	Dataset
2020-2021	Table CanHst	Respondent-reported history of cancer in adults aged 18 and over, by selected characteristics: United States, selected years 1997-2019	[PDF - 292 KB]	[XLSX - 41 KB]	
2020-2021	Table DentAd	Dental visits in the past year among adults aged 18 and over, by selected characteristics: United States, selected years 1997-2019	[PDF - 340 KB]	[XLSX - 47 KB]	
2020-2021	Table DentCh	Dental visits in the past year among children aged 2-17 years, by selected characteristics: United States, selected years 1997-2019	[PDF - 280 KB]	[XLSX - 31 KB]	

- Browse 90+ health topics and 20+ population subgroups
- Trend tables available in Excel and PDF formats

Health, United States, 2020–2021: Annual Perspective



- Integrates selected analyses from the *Health, United States* topics presented in the online topic pages
- Explores one theme across multiple health topics and data sources
- The theme of the 2020–2021 edition is **health disparities**
 - Released January 2023

Health, United States: Dissemination Activities



Adobe Campaign email went to 29,000 listserv addresses



Hill Alert email to legislative staffers



Social media blog posts and Twitter campaign



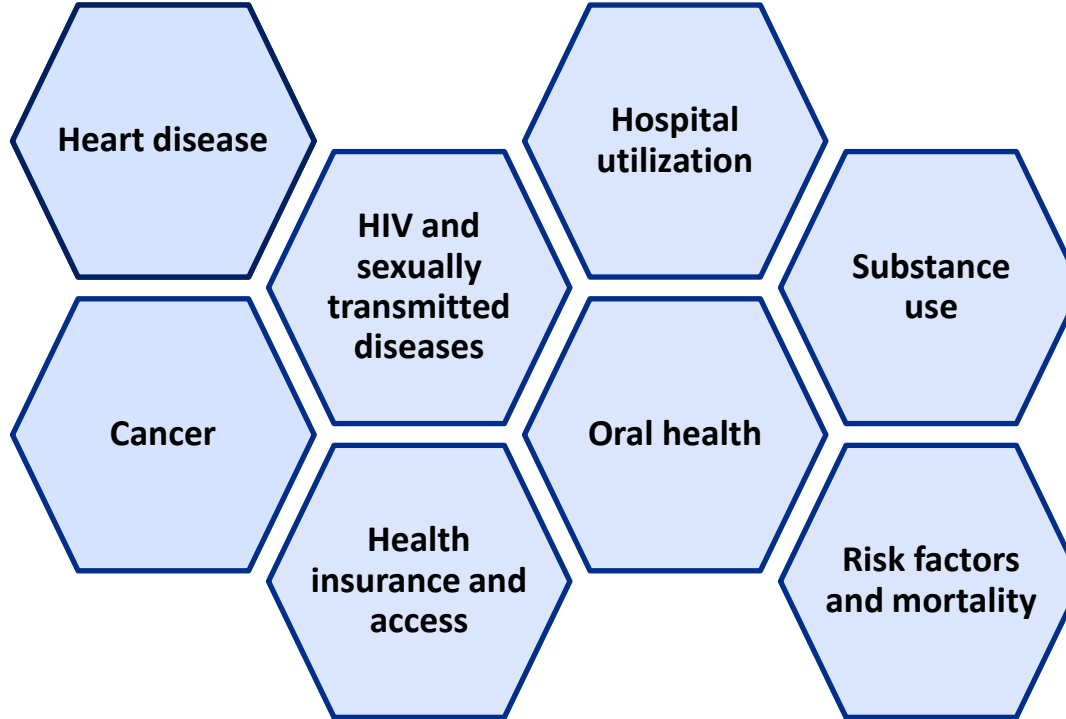
Webinar with 280 attendees



National Library of Medicine cross-posting of report on the Bookshelf

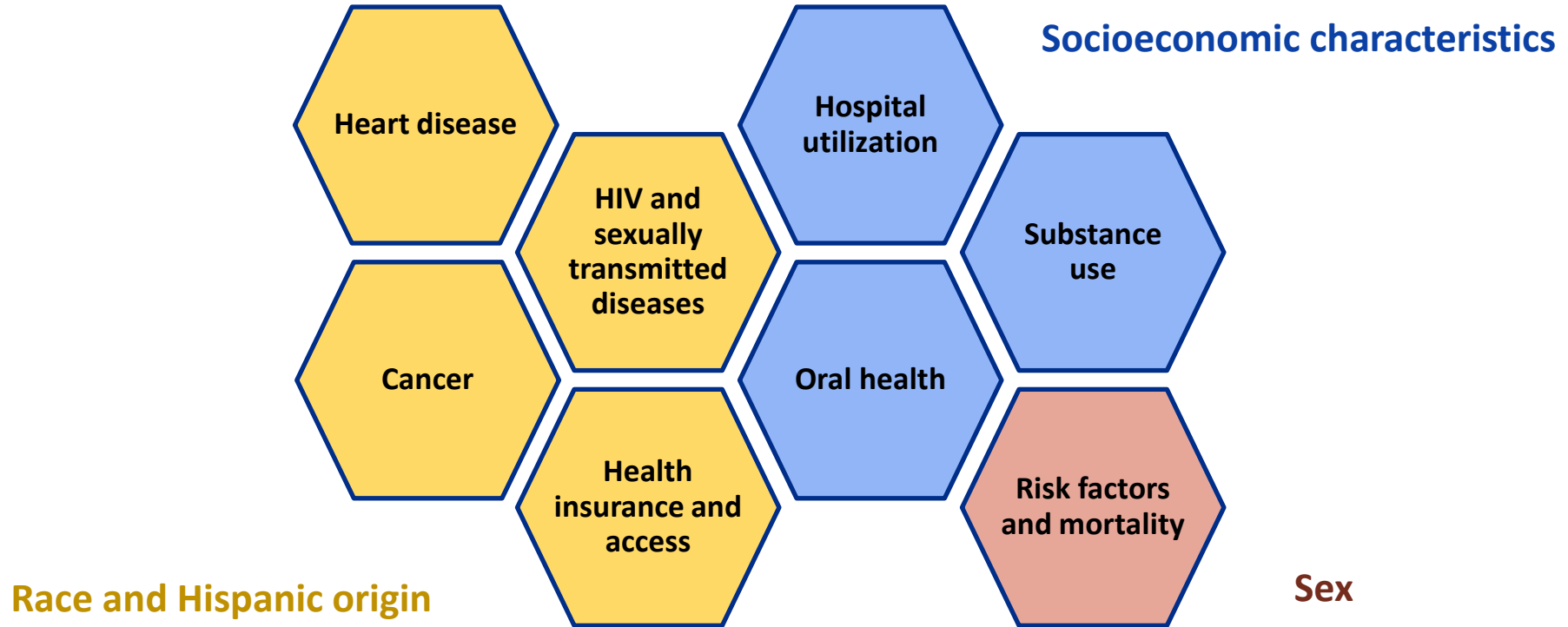
Health, United States, 2020–2021: Annual Perspective

health areas covered



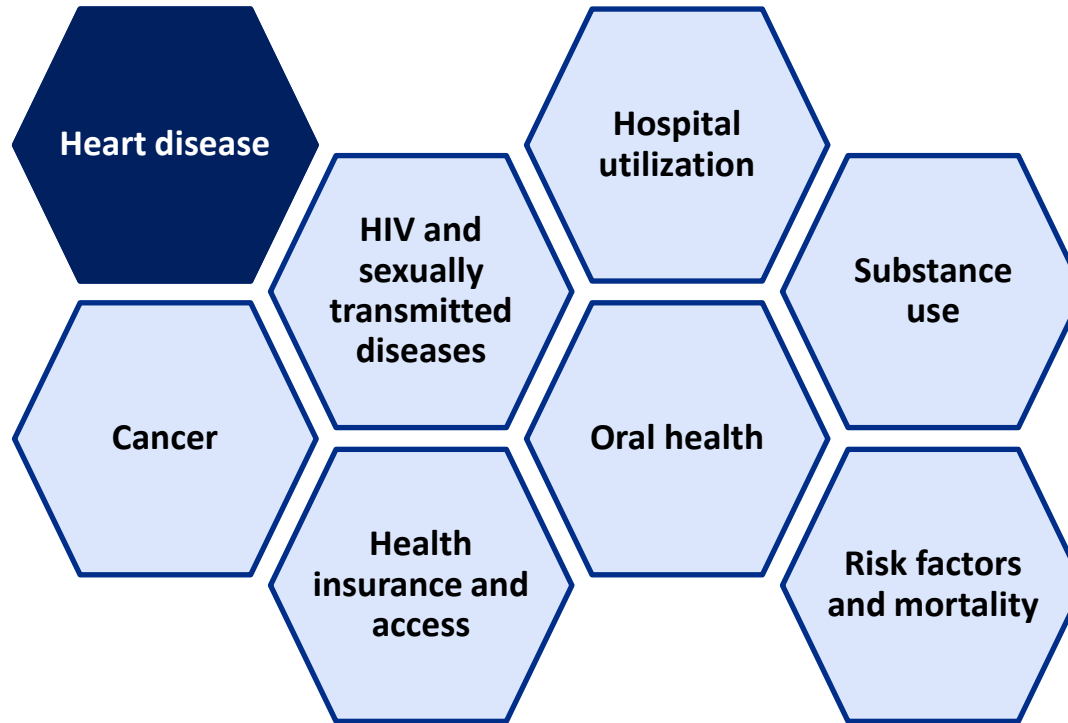
Health, United States, 2020–2021: Annual Perspective

health disparities covered

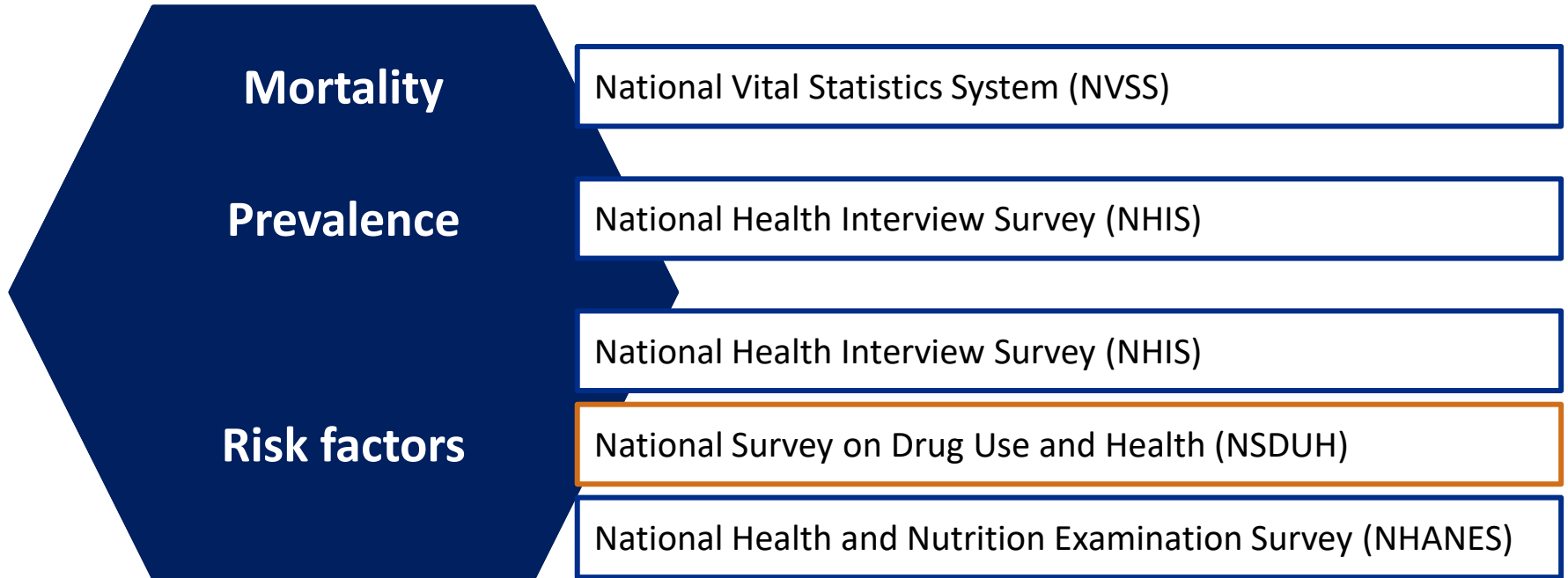


Health, United States, 2020–2021: Annual Perspective

health areas covered (2)

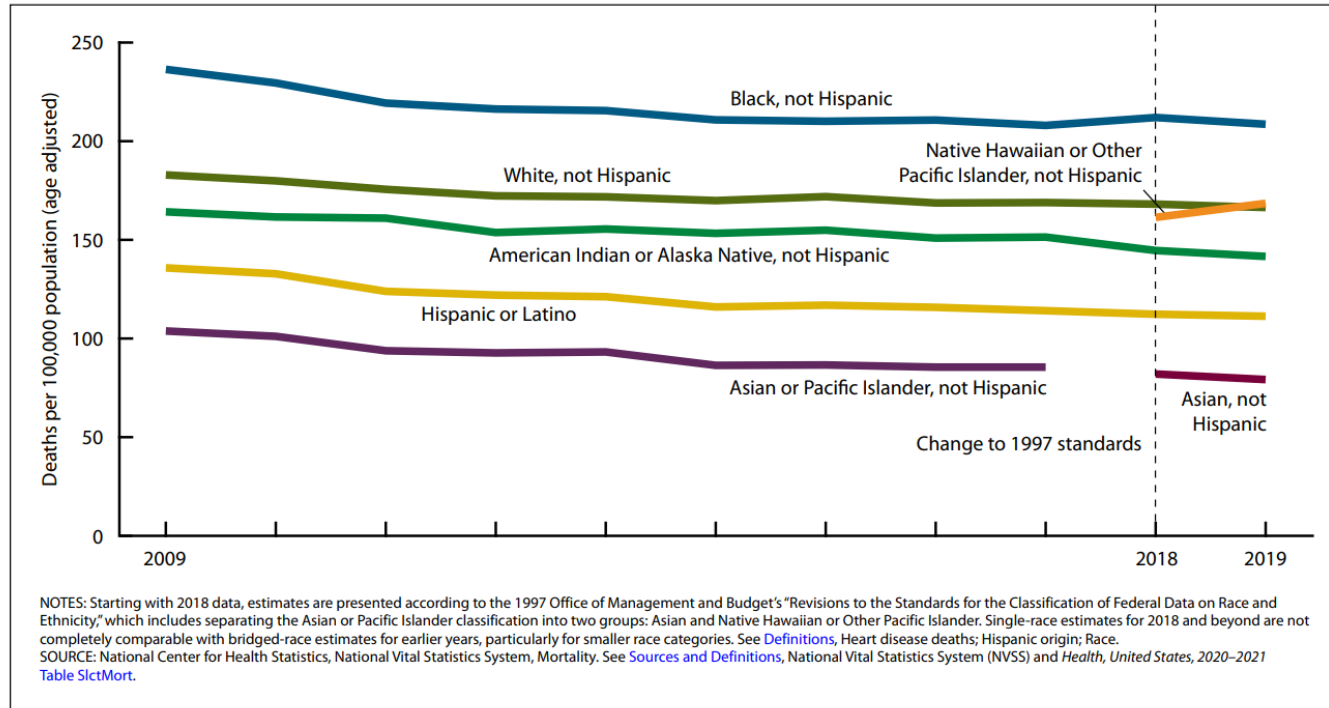


Heart Disease: Disparities by race and Hispanic origin



Non-Hispanic Black people are more likely than people in other racial and ethnic groups to die of heart disease.

Figure 1. Heart disease death rates, by race and Hispanic origin: United States, 2009–2019



Heart Disease: Findings on prevalence and risk factors by race and Hispanic origin

- Non-Hispanic Black, non-Hispanic White, and Hispanic adults had similar heart disease prevalence in 2019. ([Table HDPrev](#))
- Non-Hispanic White and non-Hispanic Black adults are more likely to be current smokers than Hispanic adults. ([Table Smok](#))
- Non-Hispanic Asian people are less likely to report binge drinking than people in other racial and ethnic groups. ([Table Subuse](#))
- Saturated fat consumption has increased over the last two decades. ([Table McrNutr](#))

Health, United States, 2020–2021: Infographics

Substance use is more common in males

HEAVY ALCOHOL USE



2x as likely
in males as females
from 2015 to 2019

SMOKING



15.5% of men
compared with 13.0%
of women in 2019

ILLICIT DRUG USE



1.5x as likely
in males as females
from 2015 to 2019

Takeaways: The redesigned *Health, United States*

- Presents trend tables and analyses in a suite of products designed to meet the needs of a variety of users
- Integrates multiple topics and data sources in the *Annual Perspective* and other *Health, United States* products to offer users more context for health trends
- Continues to focus on trend analysis, while developing innovative ways to communicate findings

Health, United States: What's next

- Updating more trend tables
- Adding more topic pages
- Publishing topic pages and trend tables throughout the year
- Developing machine-readable files will allow users to create customized visualizations

Thank you!

PHRDB Staff and Contractors	NCHS	Partners
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Contacts

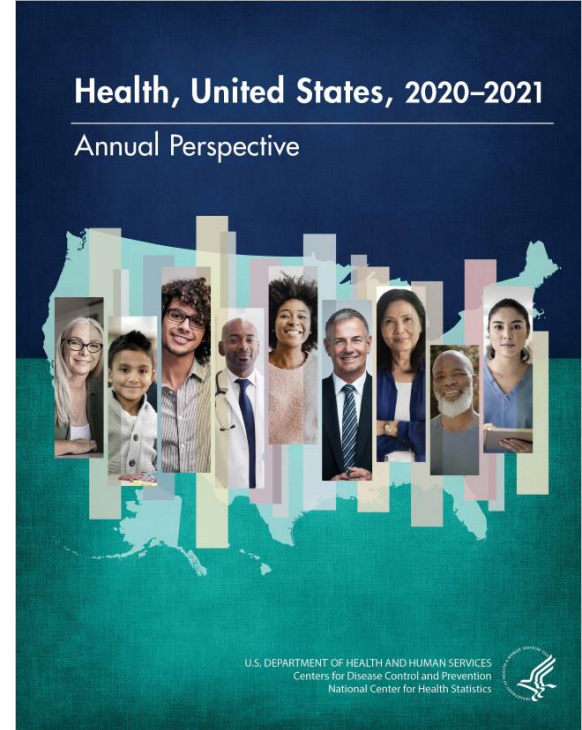
Renee Gindi

Sheila Franco

Population Health Reporting and Dissemination Branch

healthus@cdc.gov

www.cdc.gov/nchs/hus



Returning to the motivating issue

Feedback is requested on (1) the new HUS products and (2) next steps for the program.