

# HIW home

**HEALTH INDICATORS WAREHOUSE**

Search for Indicators  **SEARCH!**

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## Health Indicators by Topic

Each indicator in the HIW is associated with one or more topic areas, such as disease, condition, age group or socio-demographic characteristics.

- Chronic Disease and Conditions
- Demographics
- Disabilities
- Geography
- Health Behaviors
- Health Care
- Health Care Resources
- Health Outcomes
- Health Risk Factors
- Infectious Disease
- Injuries
- Injury and Violence
- Maternal and Infant Health
- Mental Health and Substance Abuse
- Occupational Health and Safety
- Oral Health
- Physical Environment
- Population
- Prevention Through Healthcare
- Public Health Infrastructure
- Social Determinants of Health
- Women's Health

## Health Indicators by Topic

Filter by Age, Geography and Much More

## Web Services API

Build Your Own Solution Using Our API

## Getting Started

Helpful Resources for Using the HIW Site

### What's New

**30 SEP** **September 2014 HIW release (v. 2.2)**  
On September 30, 2014, we released a data update of 67 indicators from the following data sources: Mortality, Sexually Transmitted Diseases Surveillance System, Dartmouth Atlas of Health Care, the Area Health Resources File and Health, United States. [\(more\)](#)

**15 JUL** **July 2014 HIW release (v. 2.1)**  
On July 16, 2014, we released a data update of all of the indicators from the CMS Community Indicators Initiative. This update increases the geographic detail available for these indicators to include county-level estimates in addition to state and hospital referral region. Modifications were made to the HIW interface to allow viewing of all geographic levels of CMS data. [\(more\)](#) [\(more\)](#)

[View all >](#)

### Of Interest

**County Health Rankings**  
The annual County Health Rankings measure vital health factors, including high school graduation rates, obesity, smoking, unemployment, access to healthy foods, the quality of air and water, income, and teen births in nearly every county in America. [Learn More >](#)

1 2 3 4 5 6

### For Developers

The HIW provides access to the underlying data through the use of an Application Programming Interface (API) which is designed to present information to systems with disparate architectures and technologies.

#### Entity Relationship Diagrams

- HIW Indicator ERD
- HIW Metadata ERD

[More information for developers >](#)

### Helpful Resources

The HIW contains several resources to help you better understand the indicators.

- Health Indicators Warehouse User's Guide (PDF)
- Health Indicators Warehouse Indicator Report (PDF) (Excel)
- Data source descriptions
- Glossary of terms
- About the Initiatives
- Frequently Asked Questions

# Select topic: Health Outcomes


The screenshot shows the Health Indicators Warehouse website. At the top left is the logo and name 'HEALTH INDICATORS WAREHOUSE'. To the right is a search bar with the text 'Search for Indicators' and a 'SEARCH!' button. Below the search bar is a navigation menu with links for 'HOME', 'INDICATORS', 'RESOURCES', 'ABOUT', and 'FOR DEVELOPERS'. The main content area is titled 'Health Indicators by Topic' and contains a list of topics. The 'Health Outcomes' topic is circled in red. Other topics include Chronic Diseases and Conditions, Demographics, Disabilities, Geography, Health Behaviors, Health Care, Health Care Coverage, Health Insurance, Infectious Diseases, Injuries, Injury and Violence, Maternal and Infant Health, Mental Health and Substance Abuse, Occupational Health and Safety, Oral Health, Physical Environment, Population, Prevention through Healthcare, Public Health Infrastructure, Social Determinants of Health, and Women's Health. To the right of the main content area are sections for 'Web Services API' and 'Getting Started'. Below the main content area are sections for 'What's New' (with entries for September 2014 and July 2014 releases) and 'Of Interest' (with a link to 'County Health Rankings'). On the right side of the page are sections for 'For Developers' and 'Helpful Resources'.

# Select indicator: Cancer deaths, total

The screenshot shows the Health Indicators Warehouse interface. At the top, there is a search bar with the text 'Search for Indicators' and a 'SEARCH!' button. Below the search bar is a navigation menu with tabs for 'HOME', 'INDICATORS', 'RESOURCES', 'ABOUT', and 'FOR DEVELOPERS'. The 'INDICATORS' tab is selected. Below the navigation menu is a section titled 'Find Indicators' with the instruction 'Use the filters below to narrow the list of resulting indicators.' There are two filter panels. The left panel is titled 'Health Care Resources' and has a dropdown menu with 'Health Outcomes' selected. The right panel is titled 'Morbidity' and has a dropdown menu with 'Mortality' selected. Below the filter panels is a table of indicators. The table has two columns: 'Indicator Title' and 'ID'. The row for 'Cancer deaths, total (per 100,000)' is highlighted in blue and circled in red. The table also includes a pagination control at the top right showing 'First', 'Prev', '1', 'Next', and 'Last'.

Indicator Title	ID
Activity limitations: adults 45+ years with COPD (percent)	RD-9
Activity limitations: persons with asthma (percent)	RD-4
Alcohol-attributable deaths (average annual number)	SA-20
Alcohol-impaired driving deaths (per 100,000,000 vehicle miles traveled)	SA-17
Alzheimer's disease deaths (per 100,000)	
Asthma deaths: adults 35-64 years (per 1,000,000)	RD-1.2
Asthma deaths: older adults (per 1,000,000)	RD-1.3
Asthma deaths: persons 45 years (per 1,000,000)	RD-1.1
Breast cancer deaths (per 100,000)	C-3
<b>Cancer deaths, total (per 100,000)</b>	<b>C-1</b>
Cancer prevalence: adults (percent)	
Cardiovascular death: hemodialysis patients (per 1,000 patient years at risk)	CVD-14.3
Cardiovascular death: kidney transplant patients (per 1,000 patient years at risk)	CVD-14.5
Child maltreatment deaths (per 100,000)	IVP-37
Chronic kidney disease deaths: adults (per 100)	CVD-7
Chronic lower respiratory disease (CLRD) deaths (per 100,000)	
Cirrhosis deaths (per 100,000)	SA-11
Colorectal cancer deaths (per 100,000)	
Colorectal cancer deaths, including unspecified sites (per 100,000)	C-5

# Indicator overview



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## Cancer deaths, total (per 100,000)

Overall cancer death rate

Overview Data Download [Data Source and Additional Information](#)

### Numerator

Number of deaths due to cancer (ICD-10 codes C00-C97).

### Denominator

Number of persons

### Methodology

Deaths due to cancer (ICD-10 codes C00-C97).

**FOR SINGLE DATA YEARS:** Death rates are calculated based on the resident population of the United States for the data year involved. For census years (e.g. 2010), population counts enumerated as of April 1 are used. For all other years, population estimates as of July 1 are used. Postcensal population estimates are used in rate calculations for years after a census year and match the data year vintage (e.g. July 1, 2011 resident population estimates from Vintage 2011 are used as the denominator for 2011 rates). Inter-censal population estimates are used in rate calculations for the years between censuses (e.g. 1991-1999, 2001-2009). Race-specific population estimates for 1991 and later use bridged-race categories.

**FOR MULTIPLE DATA YEARS:** Death rates are calculated based on the sum of the resident populations for each of the data years involved (e.g. the denominator of a rate for 2005-2010 combined is the sum of the population estimates for 2005, 2006, and 2010). For census years (e.g. 2010), population counts enumerated as of April 1 are used. For all other years, population estimates as of July 1 are used. Postcensal population estimates are used in rate calculations for years after a census year and match the data year vintage (e.g. July 1, 2011 resident population estimates from Vintage 2011 are used as the denominator for 2011 rates). Inter-censal population estimates are used in rate calculations for the years between censuses (e.g. 1991-1999, 2001-2009). Race-specific population estimates for 1991 and later use bridged-race categories.

This indicator uses Age-Adjustment Groups:

- Total: 1, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85+
- Sex: 1, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85+
- Race/Ethnicity: 1, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85+
- Country of Birth: 5, 5-17, 18-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75+
- Geographic Location: 1, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85+
- Marital Status: 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85+

### Trend Issues

Mortality data by marital status were not available for 80% of Georgia's records in 2005 and 94% of Georgia's records in 2009. Therefore, 2005 and 2009 data by marital status should be interpreted with caution.

### Related Keywords

- Healthy People 2020
- death
- mortality
- Population Estimates
- Health, United States
- National Vital Statistics ...
- cancer
- neoplasia

### Indicator Information

**Data Source**  
NVSS-M (CDC/NCHS)  
Population Estimates (Census)

**Initiative**  
HP2020  
HUS

**Geographic Levels**  
National, State and County

**Date Years**  
2011, 2009-2011, 2007-2011, 2005-2011, 2010, 2008-2010, 2006-2010, 2004-2010, 2009, 2007-2009, 2005-2009, 2003-2009, 2008, 2006-2008, 2004-2008, 2002-2008, 2007

**Dimensions**  
Total, Age, Sex, Race/Ethnicity, Marital Status, Country of Birth, Geography

### Categories

This indicator can be found in the following categories on the Indicator Selection page:

- Cancer
- Mortality Rates by Cause

# Indicator data table

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## Cancer deaths, total (per 100,000)

Overall cancer death rate

Overview **Data** Download [Data Source and Additional Information](#)

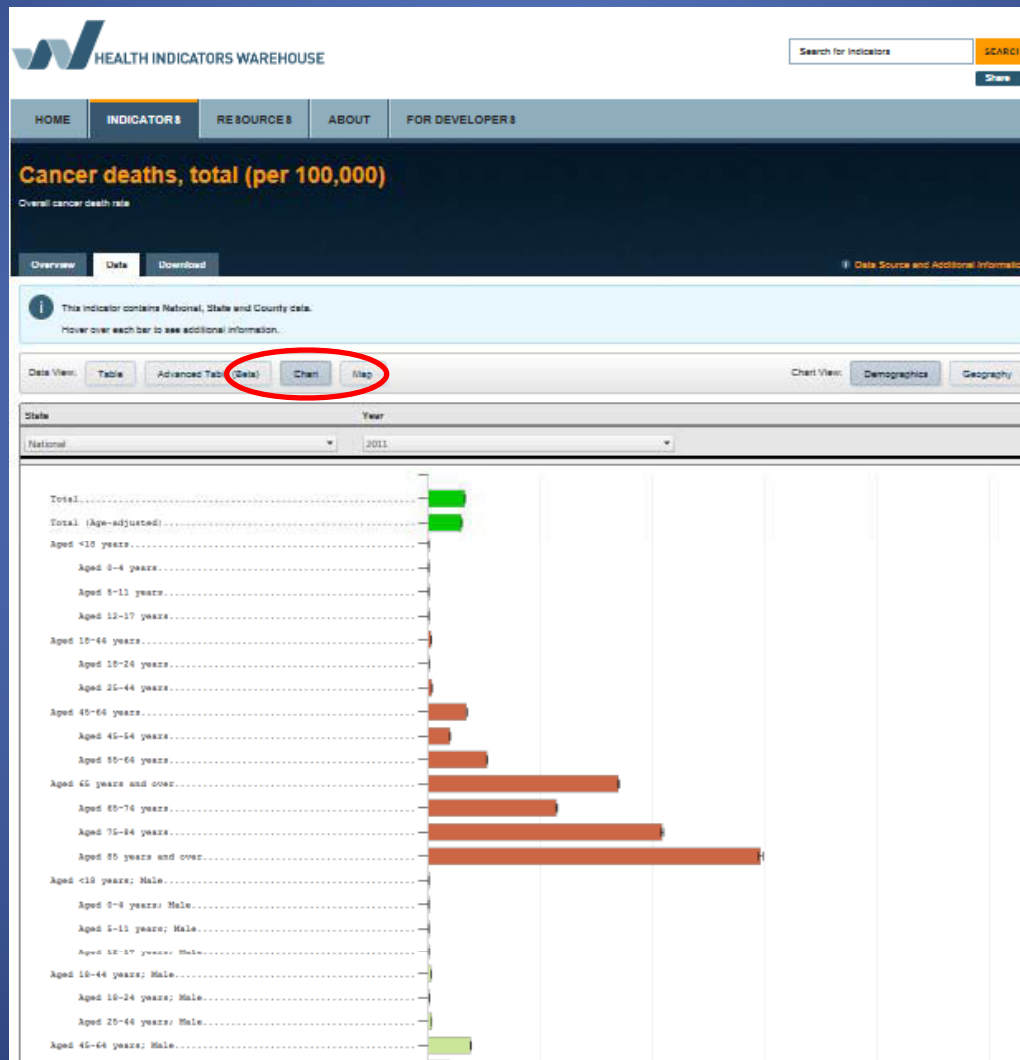
This indicator contains National, State and County data.

Data View:

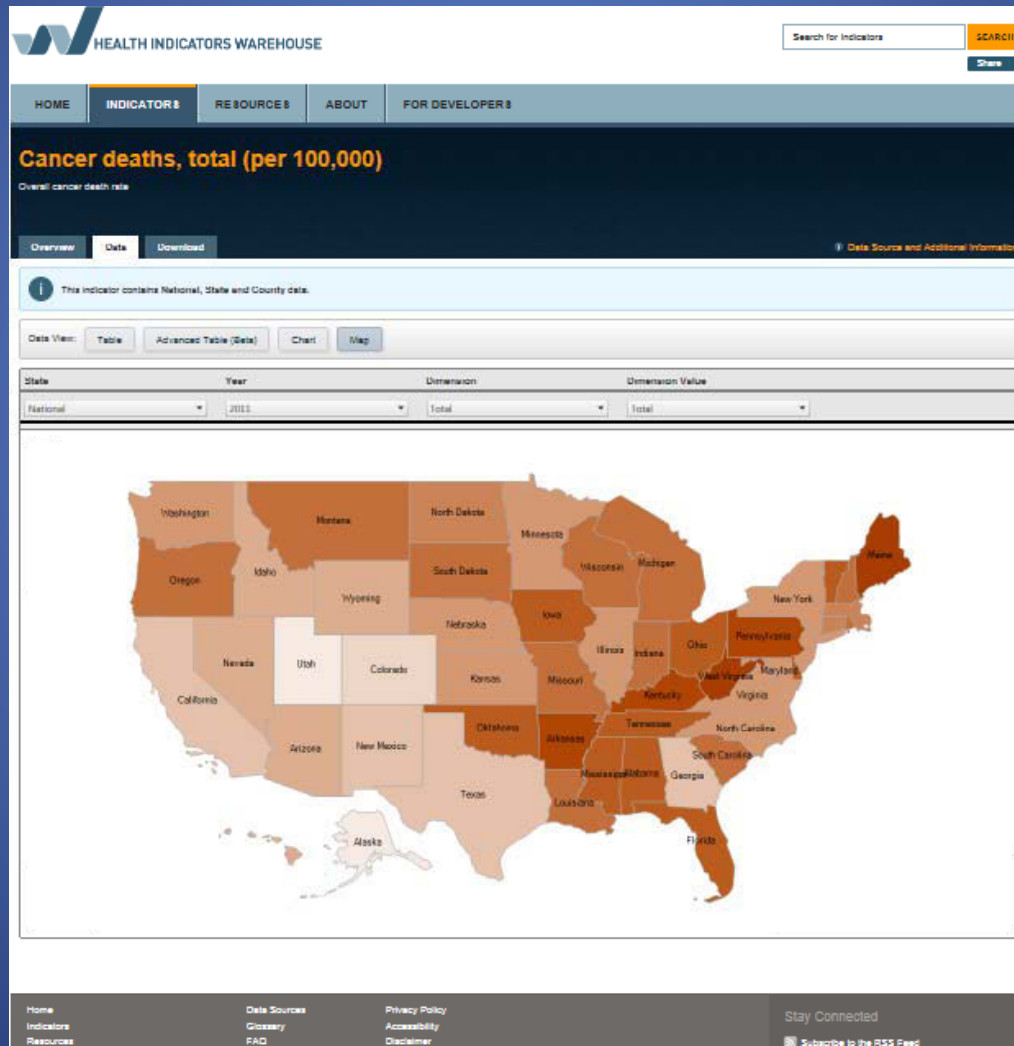
State: National

	2011	2009-2011	2007-2011	2005-2011	2010	2009-2010
<b>By Total</b>						
Total	155.1 (154.6 - 155.6)	155.4 (155.1 - 155.7)	155.5 (155.6 - 156.0)	156.5 (156.4 - 156.7)	156.2 (155.7 - 156.8)	155.7 (155.4 - 156.0)
Total (Age-adjusted)	114.4 (105.5 - 124.4)	111.7 (111.5 - 112.0)	114.1 (113.9 - 114.3)	116.6 (116.5 - 116.8)	114.9 (112.3 - 117.2)	114.4 (114.0 - 114.8)
<b>By Age</b>						
Aged <15 years	2.2 (2.1 - 2.3)	2.2 (2.2 - 2.3)	2.3 (2.2 - 2.3)	2.3 (2.3 - 2.4)	2.2 (2.1 - 2.3)	2.3 (2.2 - 2.3)
Aged 0-4 years	2.1 (1.9 - 2.3)	2.1 (2.0 - 2.3)	2.1 (2.0 - 2.2)	2.2 (2.1 - 2.2)	2.0 (1.8 - 2.2)	2.1 (2.0 - 2.3)
Aged 5-11 years	2.1 (1.9 - 2.3)	2.2 (2.1 - 2.3)	2.2 (2.1 - 2.3)	2.2 (2.2 - 2.3)	2.1 (2.0 - 2.3)	2.2 (2.1 - 2.3)
Aged 12-17 years	2.5 (2.3 - 2.7)	2.4 (2.3 - 2.5)	2.5 (2.4 - 2.6)	2.5 (2.5 - 2.6)	2.4 (2.3 - 2.6)	2.5 (2.4 - 2.6)
Aged 18-44 years	14.5 (14.3 - 14.7)	14.9 (14.8 - 15.1)	15.3 (15.2 - 15.4)	15.5 (15.7 - 15.9)	14.8 (14.6 - 15.0)	15.3 (15.1 - 15.4)
Aged 15-24 years	4.0 (3.8 - 4.3)	4.1 (4.0 - 4.3)	4.2 (4.1 - 4.3)	4.2 (4.2 - 4.3)	4.2 (4.0 - 4.4)	4.2 (4.1 - 4.3)
Aged 25-44 years	15.5 (15.2 - 15.8)	19.0 (18.8 - 19.1)	19.4 (19.2 - 19.5)	20.0 (19.9 - 20.1)	15.5 (15.5 - 19.1)	19.4 (19.2 - 19.8)
Aged 45-64 years	125.1 (124.1 - 126.0)	125.7 (125.2 - 126.3)	126.5 (126.1 - 126.9)	126.3 (127.2 - 126.7)	126.0 (125.0 - 127.0)	126.2 (125.7 - 126.8)
Aged 45-54 years	109.3 (108.4 - 110.3)	111.2 (110.7 - 111.8)	112.2 (111.8 - 112.7)	112.7 (113.3 - 114.1)	111.6 (110.6 - 112.6)	112.6 (112.0 - 113.1)
Aged 55-64 years	295.5 (294.0 - 297.3)	299.1 (298.1 - 300.2)	302.5 (301.7 - 303.3)	307.3 (306.6 - 308.0)	300.1 (298.4 - 301.9)	302.2 (301.1 - 303.3)
Aged 65 years and over	99.3 (98.2 - 99.3)	97.9 (97.5 - 97.6)	99.8 (99.2 - 99.9)	1,009.2 (1,008.0 - 1,010.4)	95.1 (95.0 - 95.1)	99.9 (99.2 - 99.7)
Aged 65-74 years	647.6 (644.3 - 650.9)	660.4 (656.4 - 662.4)	672.6 (672.2 - 673.3)	667.3 (665.9 - 668.8)	666.1 (662.7 - 669.5)	674.0 (672.0 - 676.0)

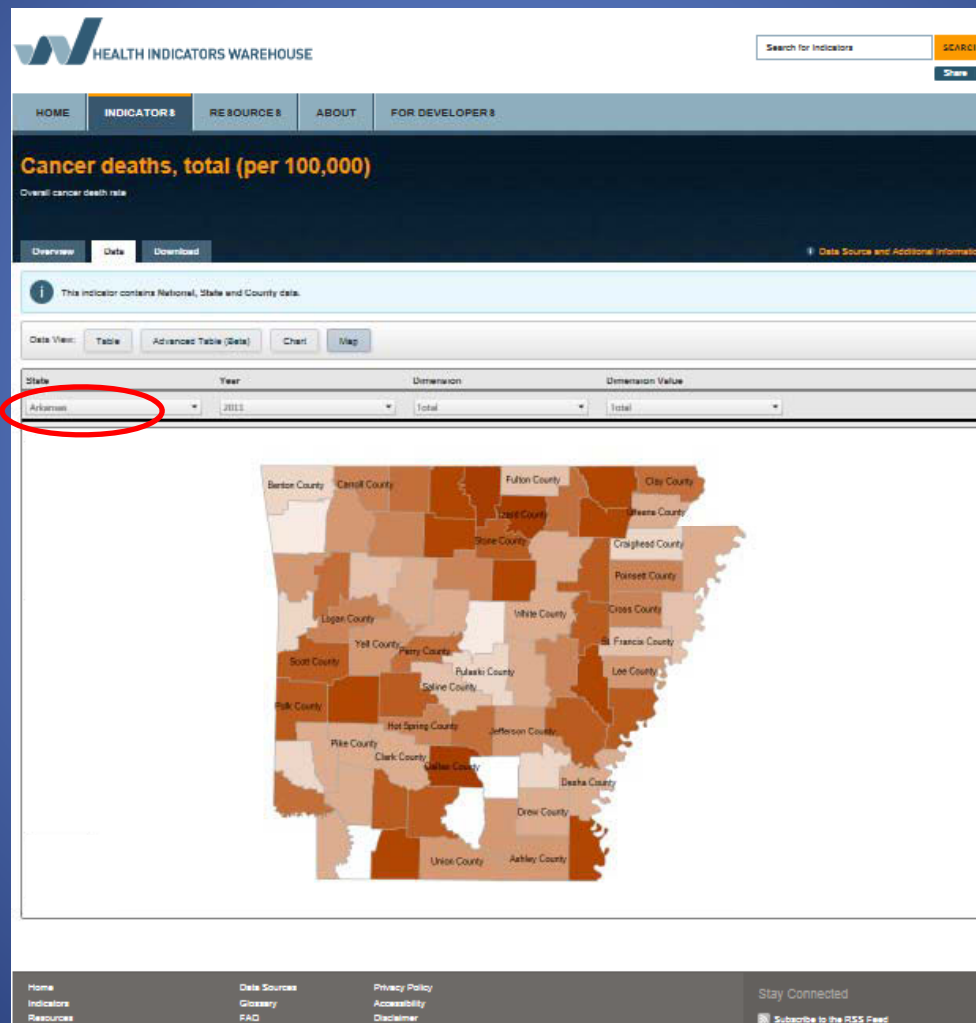
# Indicator data chart



# Indicator data map, states



# Indicator data map, counties





# Advanced table (Pulaski Co., AK)

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## Cancer deaths, total (per 100,000)

Overall cancer death rate

Overview **Data** Download Data Source and Additional Information

This indicator contains National, State and County data.

Data View: Table **Advanced Table (Data)** Chart Map

Drag a column header and drop it here to group by that column: Restore Defaults

Dimension	Dimension Value	State	County	2006-2010	2008-2010	2010	2005-2011	2007-2011	2009-2011	2011
Race/Ethnicity		Arkansas	Pulaski							
Race/Ethnicity	White (Age-adjusted)	Arkansas	Pulaski	191.8 (184.6 - 199.0)	186.4 (179.3 - 193.6)		188.3 (182.3 - 194.3)	185.4 (178.4 - 192.5)	181.3 (172.2 - 190.1)	
Race/Ethnicity	Black or African American (Age-adjusted)	Arkansas	Pulaski	231.8 (216.4 - 247.2)	225.1 (203.8 - 244.4)		234.0 (220.9 - 247.0)	223.9 (207.3 - 239.8)	216.9 (199.3 - 235.5)	
Race/Ethnicity	American Indian or Alaska Native (Age-adjusted)	Arkansas	Pulaski	DSU	DSU		DSU	DSU	DSU	
Race/Ethnicity	Asian or Pacific Islander (Age-adjusted)	Arkansas	Pulaski	113.5 (89.3 - 173.3)	DSU		107.6 (99.8 - 158.8)	DSU	DSU	
Race/Ethnicity	Hispanic or Latino (Age-adjusted)	Arkansas	Pulaski	102.0 (68.8 - 145.6)	DSU		100.4 (71.4 - 157.2)	90.2 (59.4 - 131.2)	DSU	
Race/Ethnicity	Not Hispanic or Latino (Age-adjusted)	Arkansas	Pulaski	201.7 (195.2 - 208.2)	198.2 (189.9 - 206.4)		199.4 (194.0 - 204.8)	195.2 (188.8 - 201.5)	191.3 (183.3 - 199.4)	
Race/Ethnicity	White, non-Hispanic (Age-adjusted)	Arkansas	Pulaski	191.1 (185.9 - 200.4)	190.2 (180.9 - 193.5)		189.7 (183.0 - 195.8)	187.1 (180.0 - 194.3)	182.9 (173.8 - 191.9)	
Race/Ethnicity	Black or African American, non-Hispanic (Age-adjusted)	Arkansas	Pulaski	232.9 (217.5 - 248.4)	226.0 (206.6 - 245.4)		235.1 (222.0 - 248.2)	223.0 (208.0 - 237.8)	217.7 (199.0 - 236.4)	

Page size: 200 Page 1 of 1 Items 1 to 8 of 8

DSU Data statistically unreliable.  
 <blank> Estimate was not calculated for this year or population group.  
 --- Data not collected, analyzed, or applicable for a particular population group.  
 (I - I) Confidence interval. 95% interval unless otherwise noted in indicator overview.  
 SE Standard error. Provided when confidence interval is not available.