

Georgia Annual Health Status Measures 2019

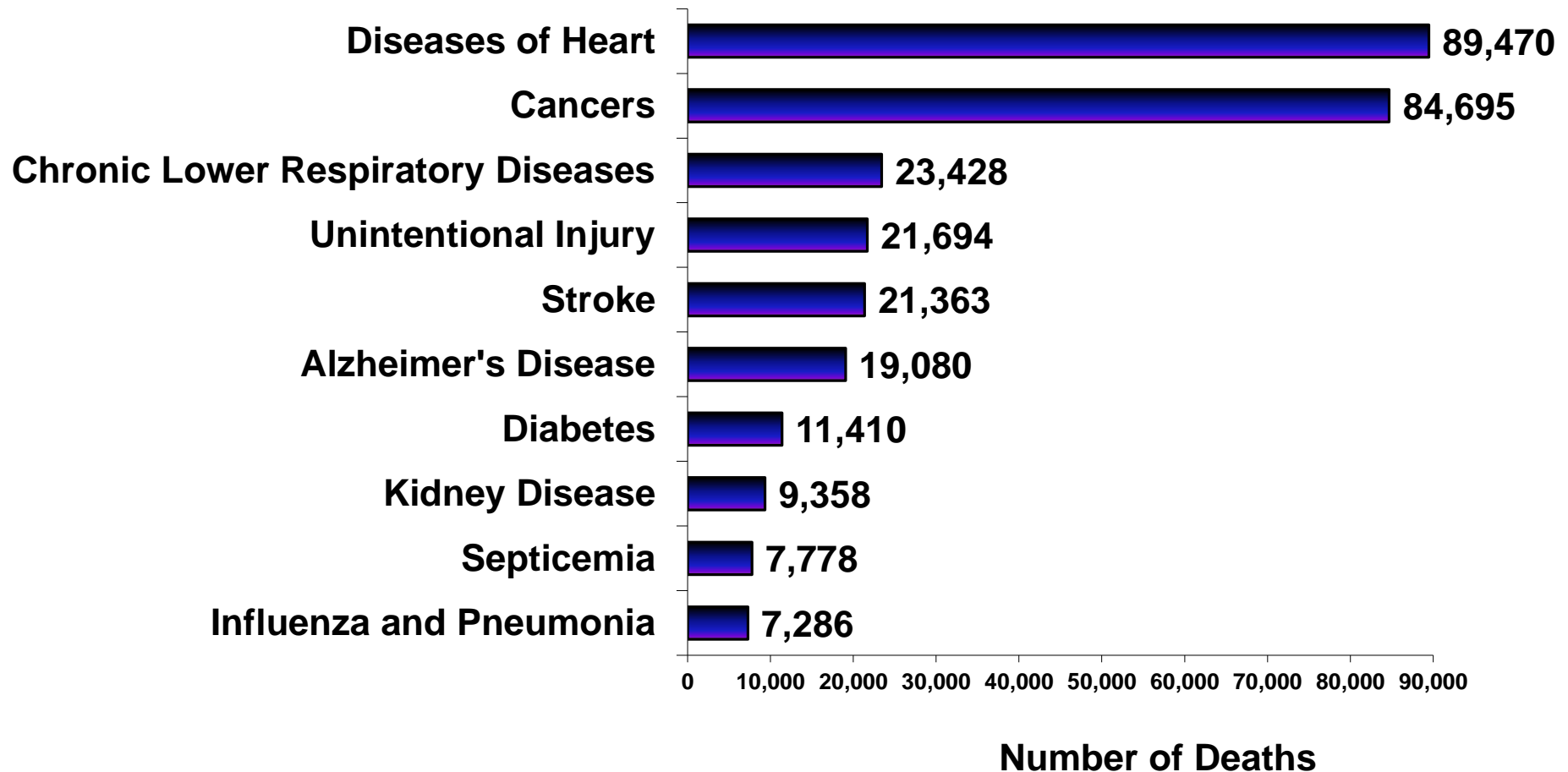
*with comparisons to the U.S. and Healthy People
2000, 2010 & 2020 objectives*

Leading Causes and Overview

Top Causes of Mortality and Population Characteristics

Leading* Causes of Death, Georgia

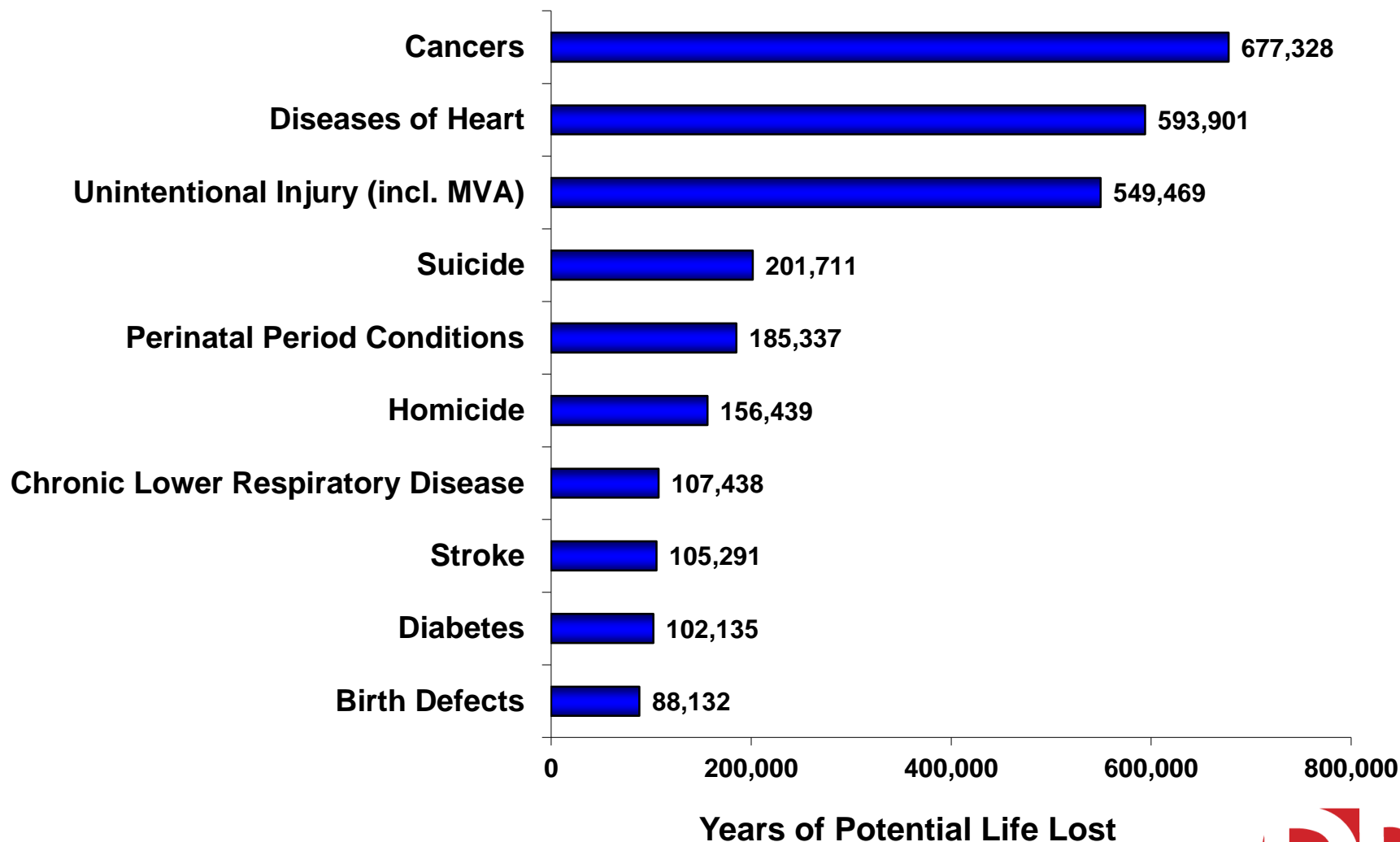
Number of Deaths 2014-2018



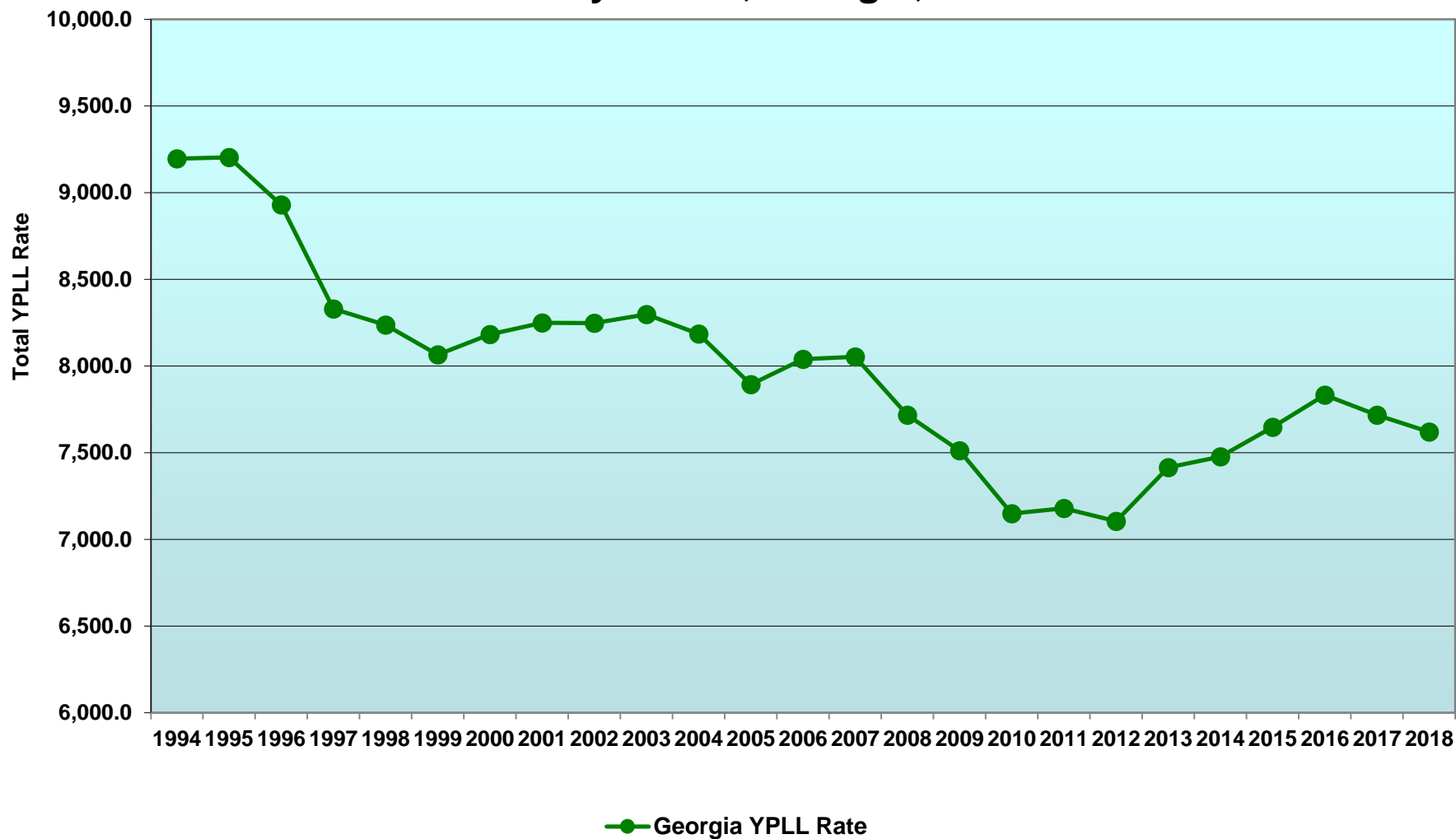
* Cause categories are the National Centers for Health Statistics (NCHS), rankable causes of deaths applied to Georgia.
Source: Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP), OASIS Dashboard <http://oasis.state.ga.us>

Leading* Causes of Premature Deaths (before age 75), Georgia

Years of Potential Life Lost 2014-2018

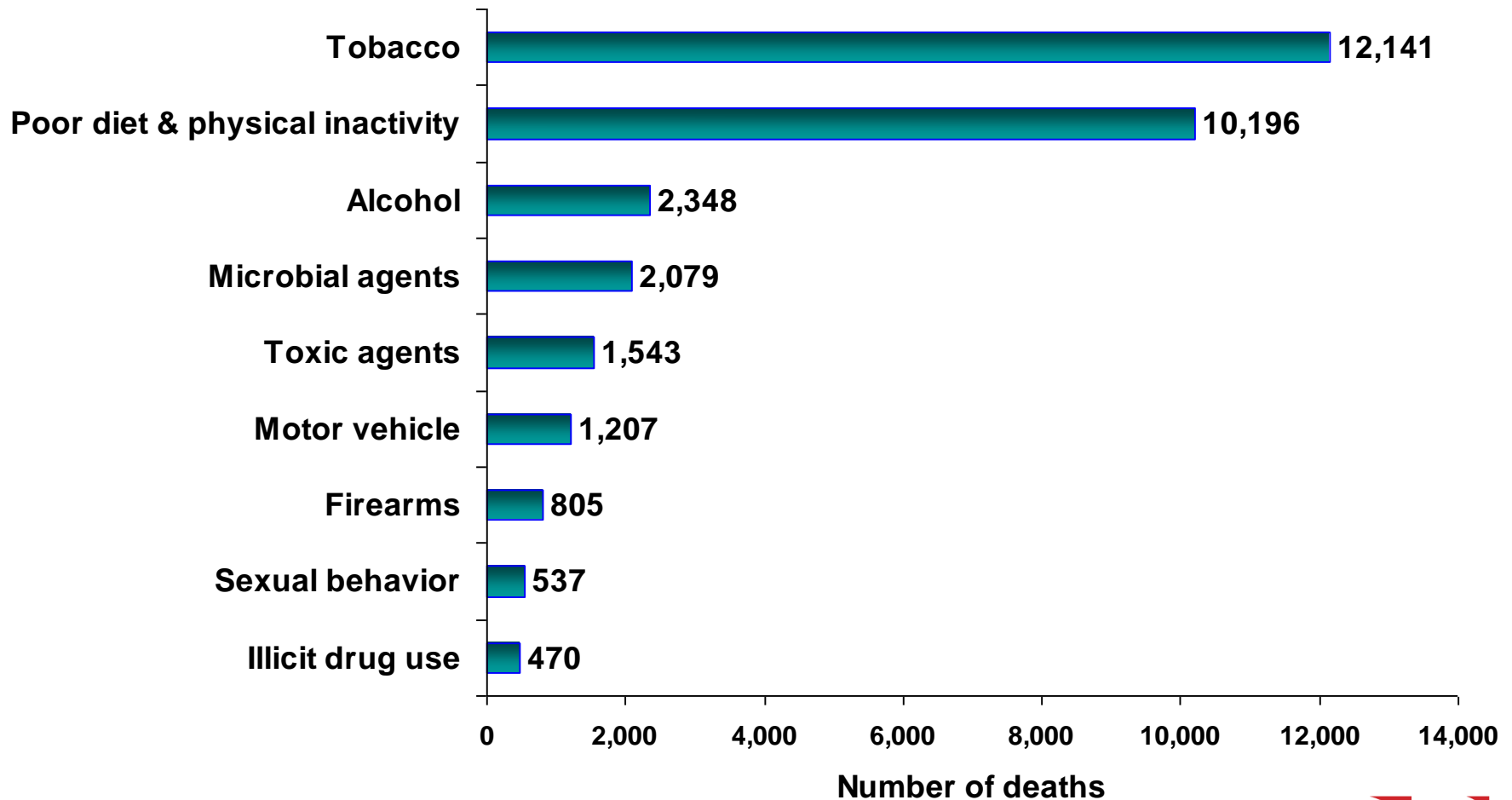


Rate of Premature Death (Years of Potential Life Lost (YPLL)) from Any Cause, Georgia, 1994-2018

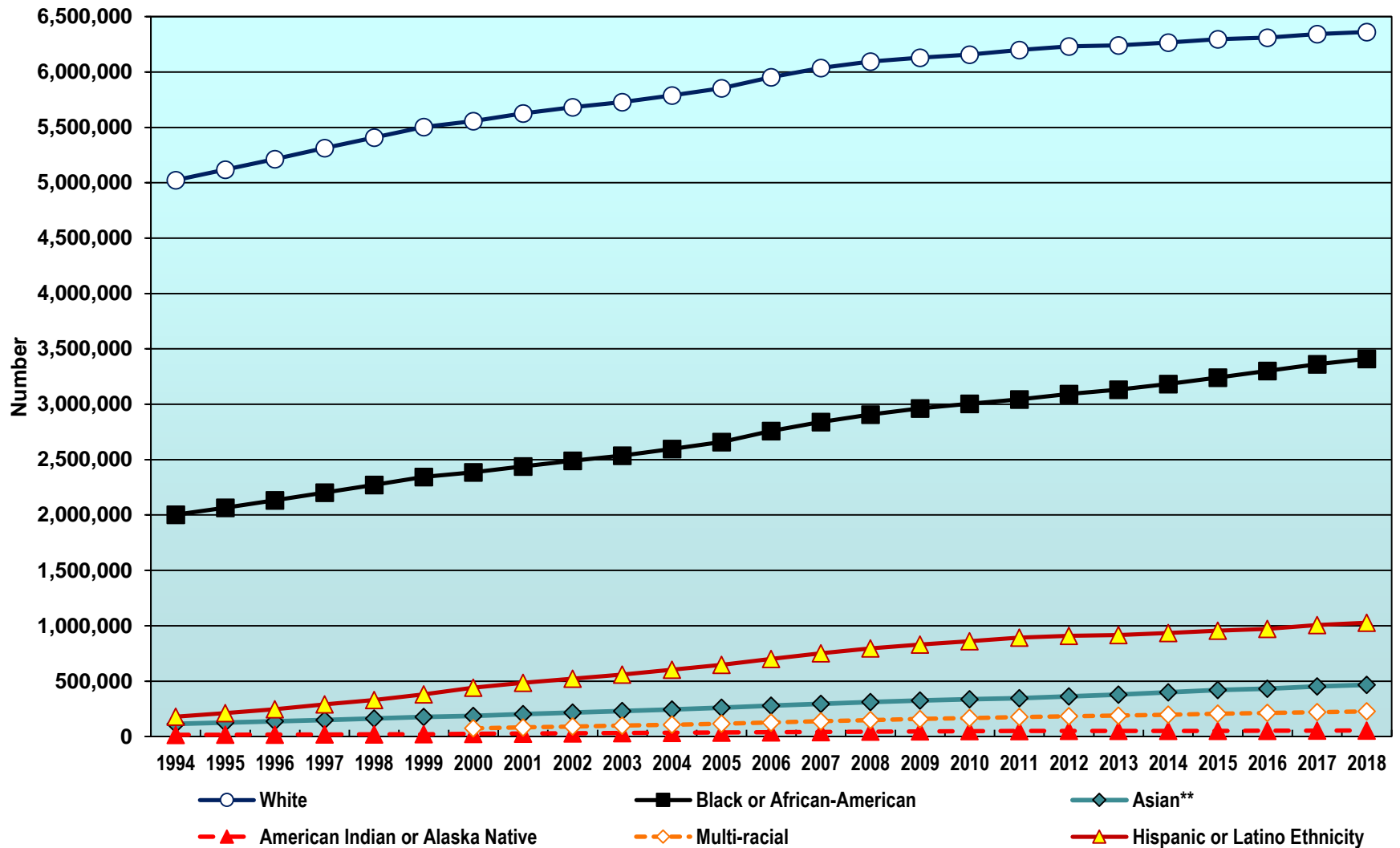


YPLL 75 represents the number of years of potential life lost due to death before age 75, as a measure of premature death. The YPLL 75 Rate is the years of potential life lost before age 75 that occur per 100,000 population less than 75 years of age.

Leading Actual Causes of Death*, Georgia



Population by Race, and Hispanic or Latino Ethnicity*, Georgia, 1994-2018



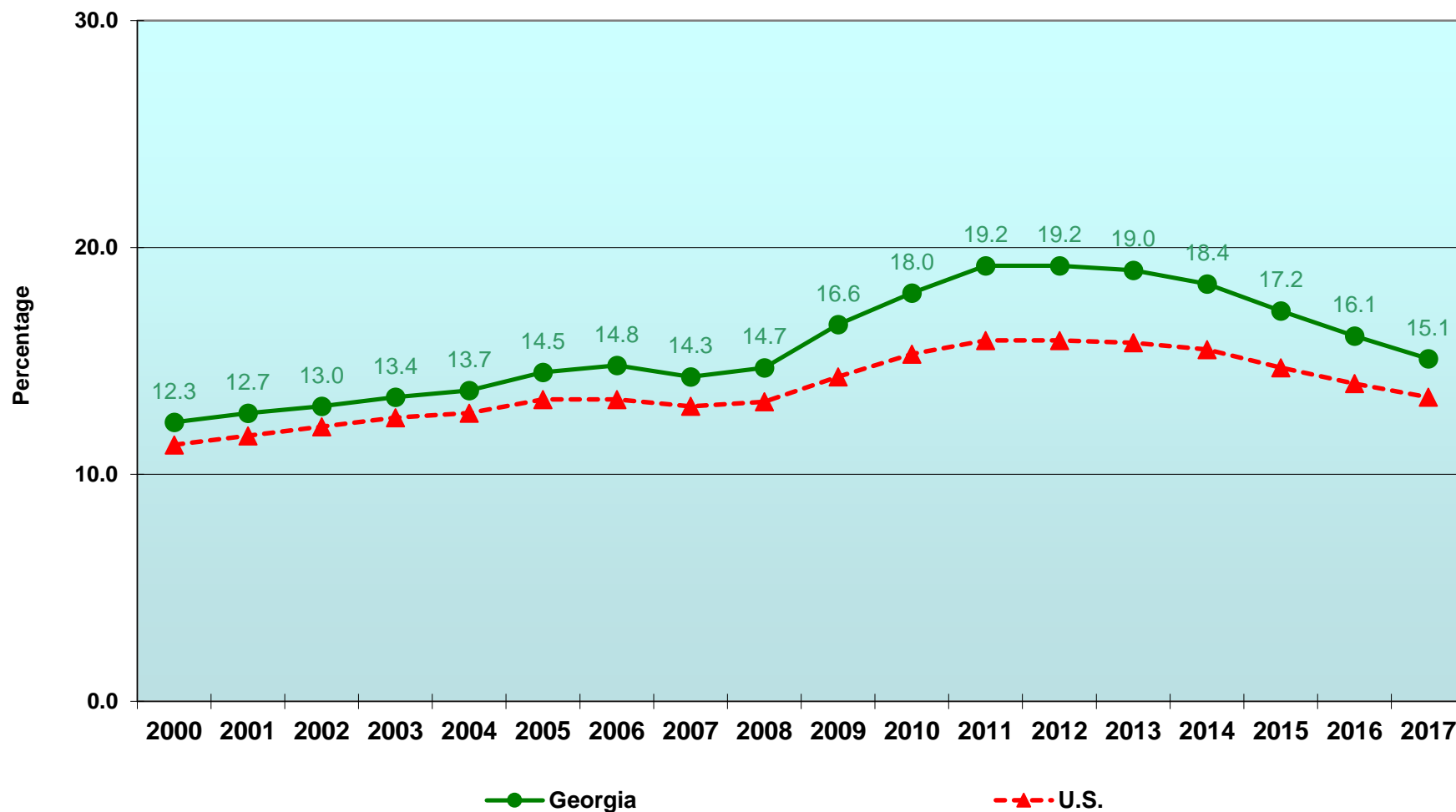
*Hispanic can be of any race.

** Asian includes Native Hawaiian or Other Pacific Islander to be comparable across all years.

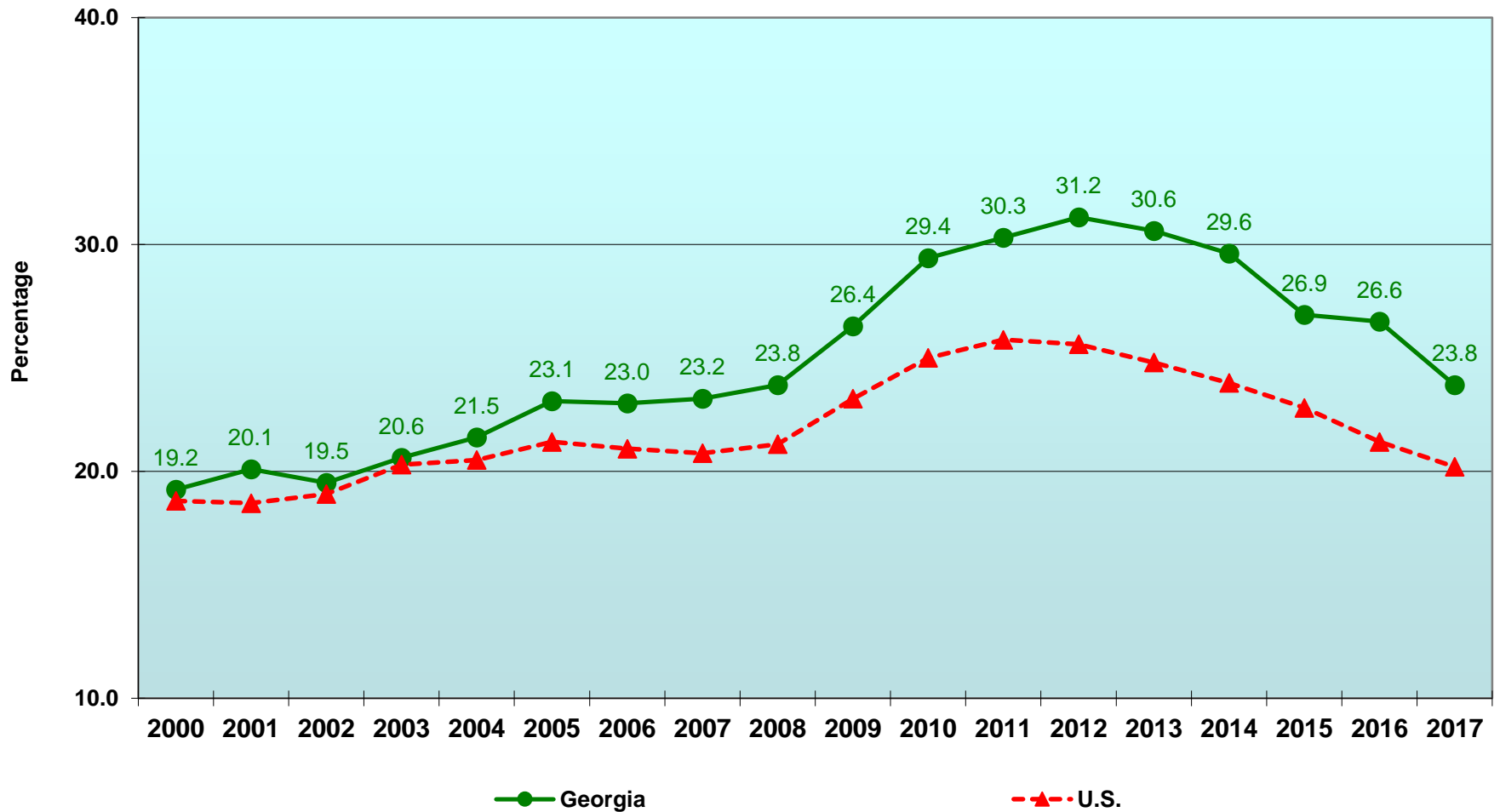
Source: U.S. Census data as found in Online Analytical Statistical Information System (OASIS) Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP).
<http://oasis.state.ga.us/>



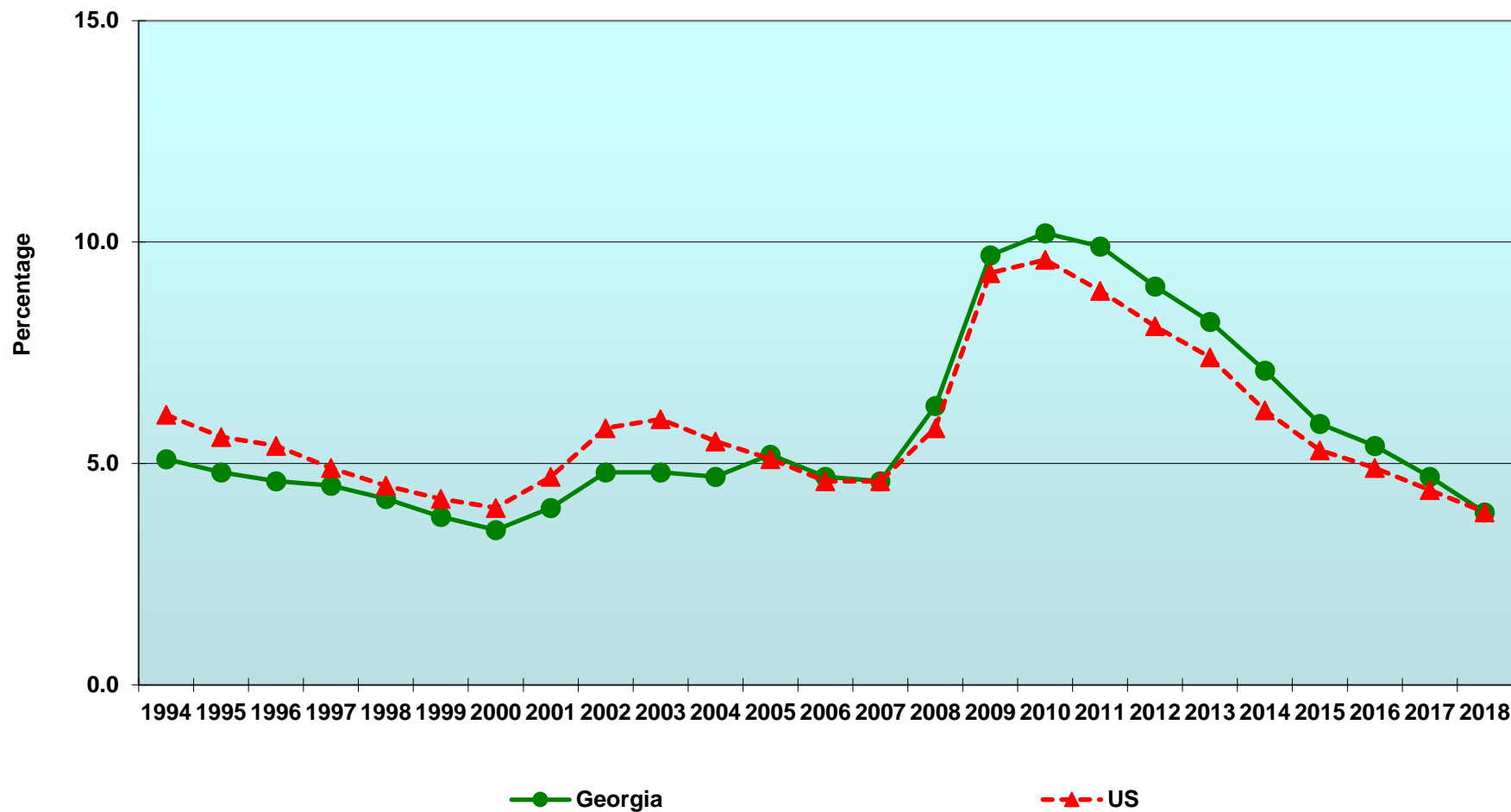
Poverty Rates, Georgia and U.S., 2000-2017



Poverty Rates of Children <5 years old, Georgia and U.S., 2000-2017



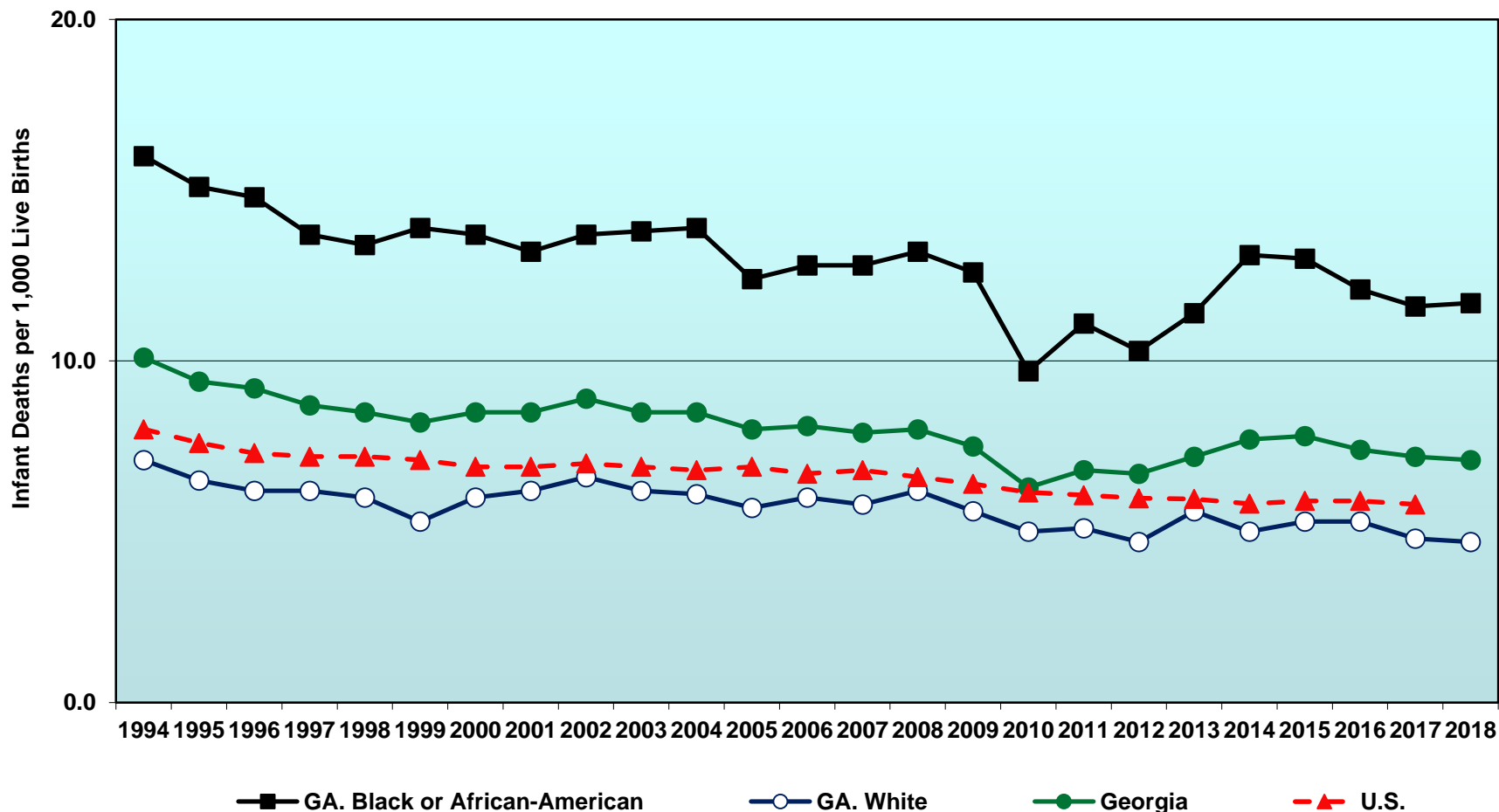
Annual Average Unemployment Rates, Georgia and U.S., 1994-2018



Source: Bureau of Labor Statistics; <http://www.bls.gov/lau/tables.htm>

Maternal and Child Health

Infant Mortality Rate by Race, Georgia, and U.S., 1994-2018



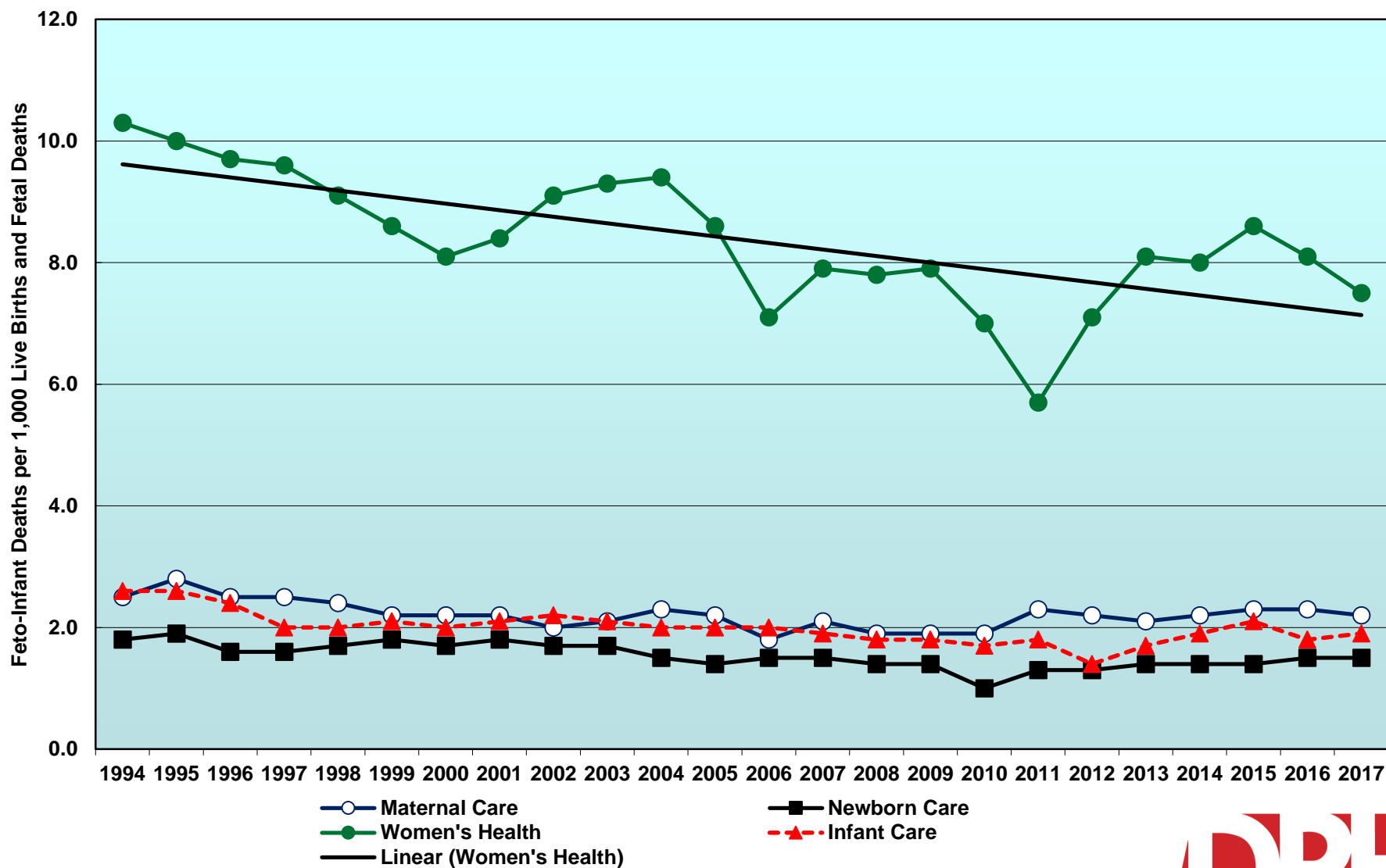
Healthy People 2010 Objective = 4.5
Healthy People 2020 Objective = 6.0

Note: 2010 is underreported.

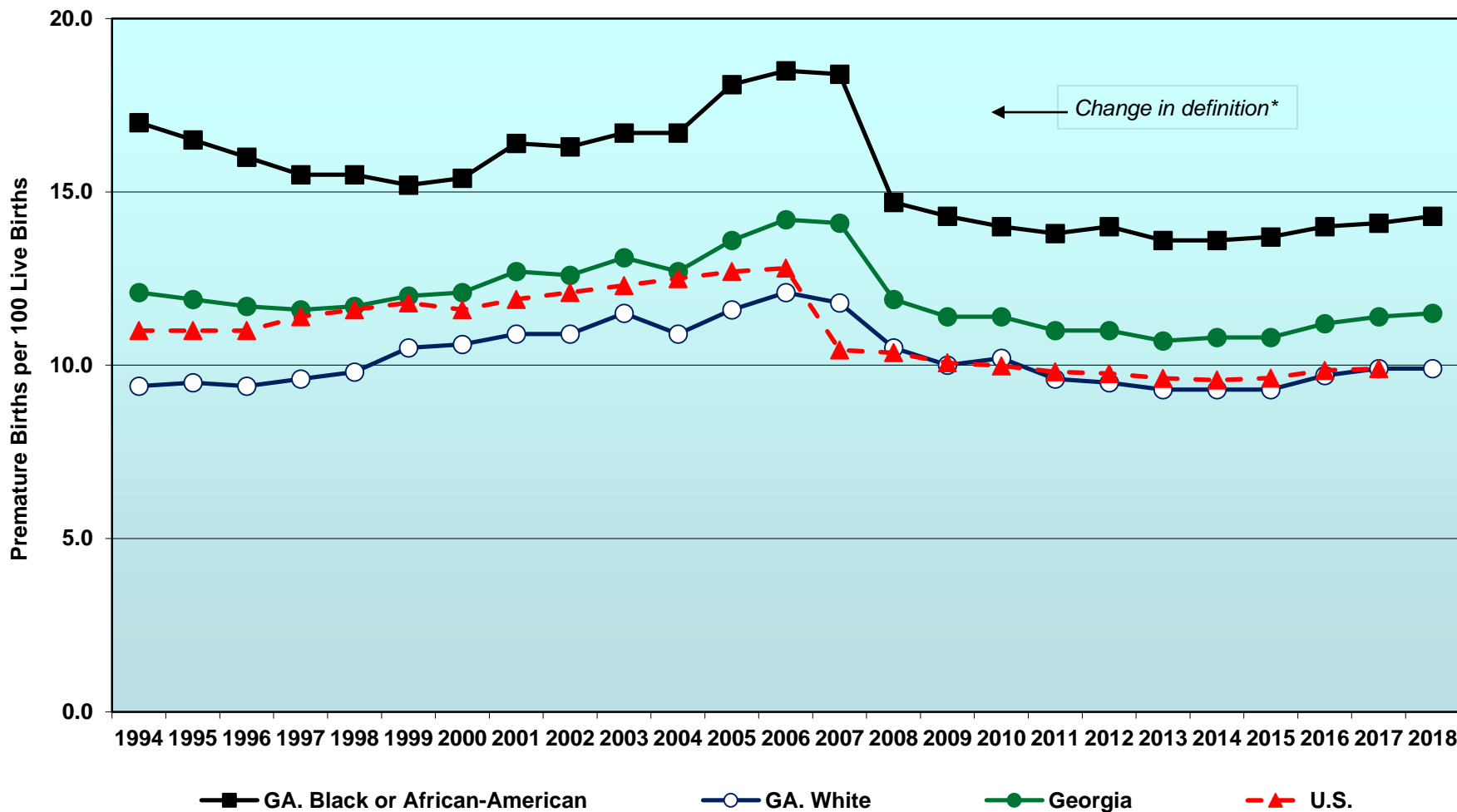
Sources: Centers for Disease Control, Vital Statistics System, Mortality Data. September 14, 2009 <http://www.cdc.gov/nchs/deaths.htm>

Online Analytical Statistical Information System (OASIS) Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Feto-Infant Mortality Rate, Perinatal Periods of Risk, Georgia, 1994-2017 Birth Cohorts

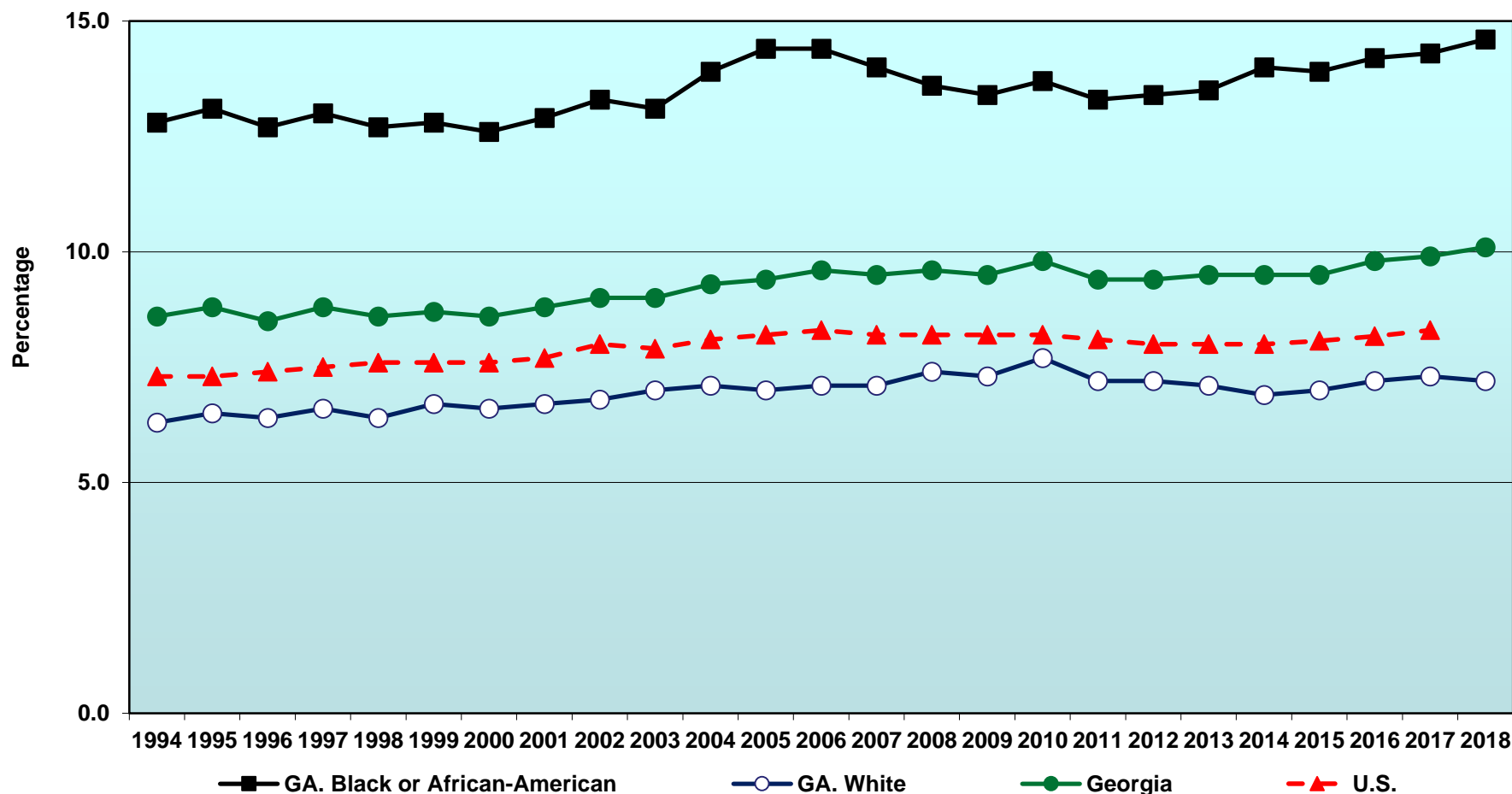


Percentage of Live Births born Premature (<37 weeks), Georgia, and U.S. by Race, 1994-2018*



Healthy People 2010 Objective = 7.6

Percentage of Live Births Weighing Less than 2,500 Grams (Low Birthweight), Georgia and U.S., by Race, 1994-2018

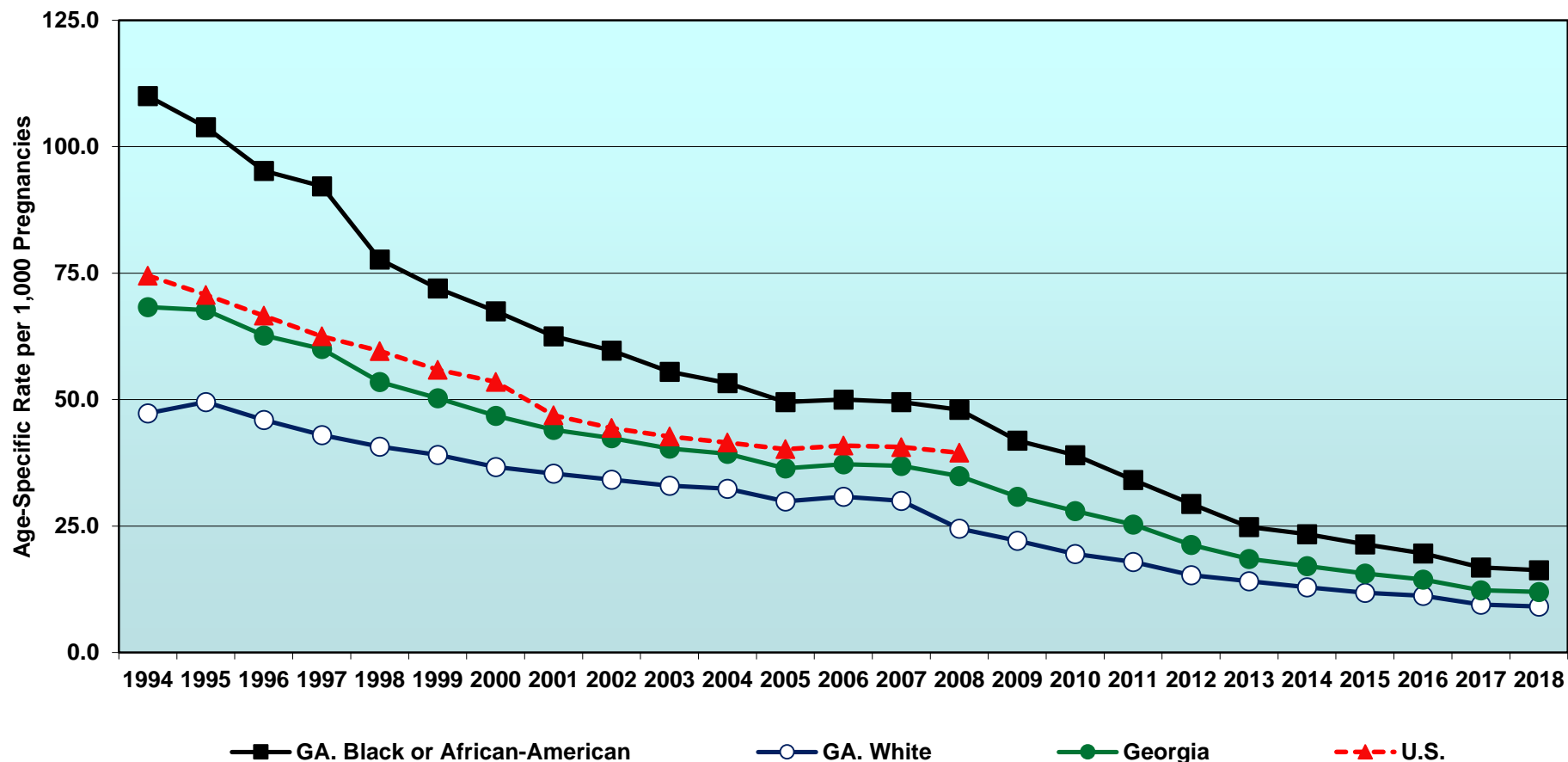


Healthy People 2000 Objective = 5.0%
 Healthy People 2010 Objective = 5.0%
 Healthy People 2020 Objective = 7.8%

¹ Formula = [Total Number of Live Births under 2,500 grams / Total Number of Live Births] * 100.

Sources: Centers for Disease Control & Prevention, CDC WONDER-DATA2010, <https://wonder.cdc.gov/data2010/> or <https://www.cdc.gov/nchs/fastats/birthweight.htm>
 Online Analytical Statistical Information System (OASIS), Georgia Department Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Age-Specific Pregnancy¹ Rate², Females 15-17 Years of Age, Georgia and U.S., by Race, 1994-2018



Healthy People 2000 Objective = 50.0 per 1,000
 Healthy People 2010 Objective = 43.0 per 1,000
 Healthy People 2020 Objective = 36.2 per 1,000

¹Pregnancies include conceptions that result in one or more Live Births, all Fetal Deaths and Induced Terminations.

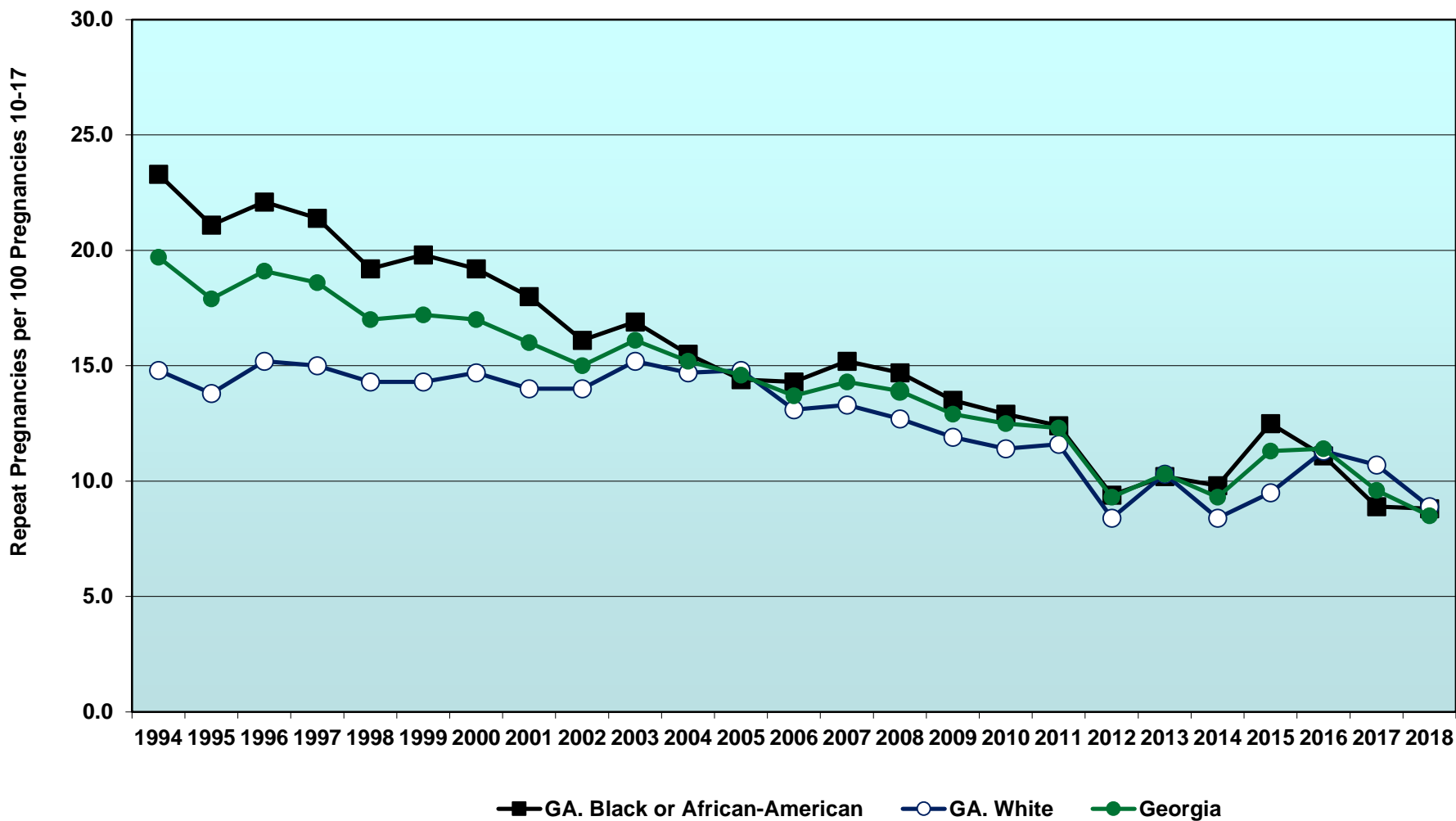
²The total number of pregnancies occurring to females in specified age group per 1,000 females in the specified age group.

Formula = [Total number of pregnancies in age group / Total females in age group] * 1,000.

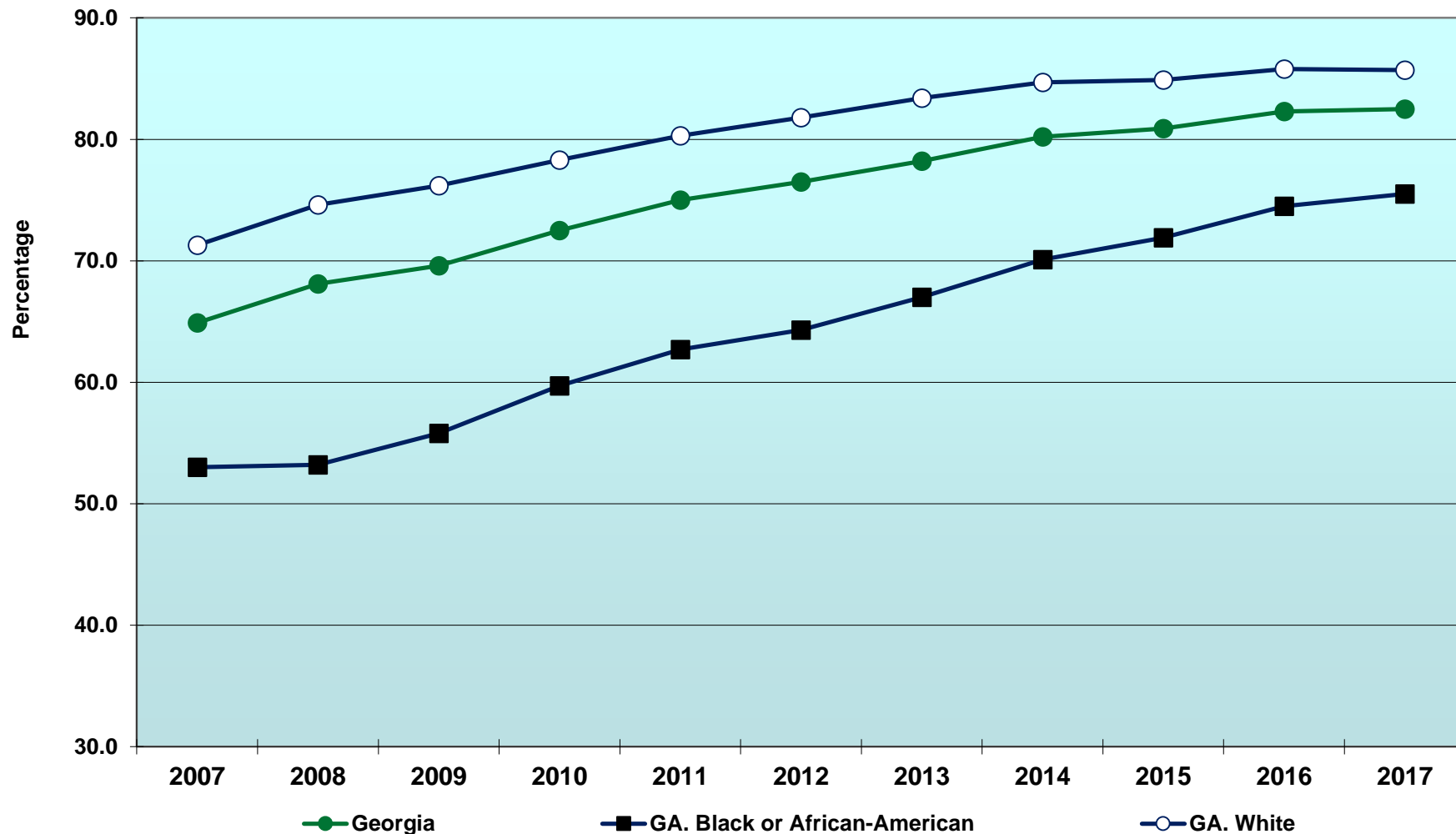
Sources: Stephanie J. Ventura, M.A., Sally C. Curtin, M.A., Joyce C. Abma, Ph.D., Division of Vital Statistics; and Stanley K. Henshaw, Ph.D., The Guttmacher Institute. Estimated Pregnancy Rates and Rates of Pregnancy Outcomes for the United States, 1990–2008. National Vital Statistics Reports; vol 60 no 7. Hyattsville, MD: National Center for Health Statistics. June 20, 2012.

Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

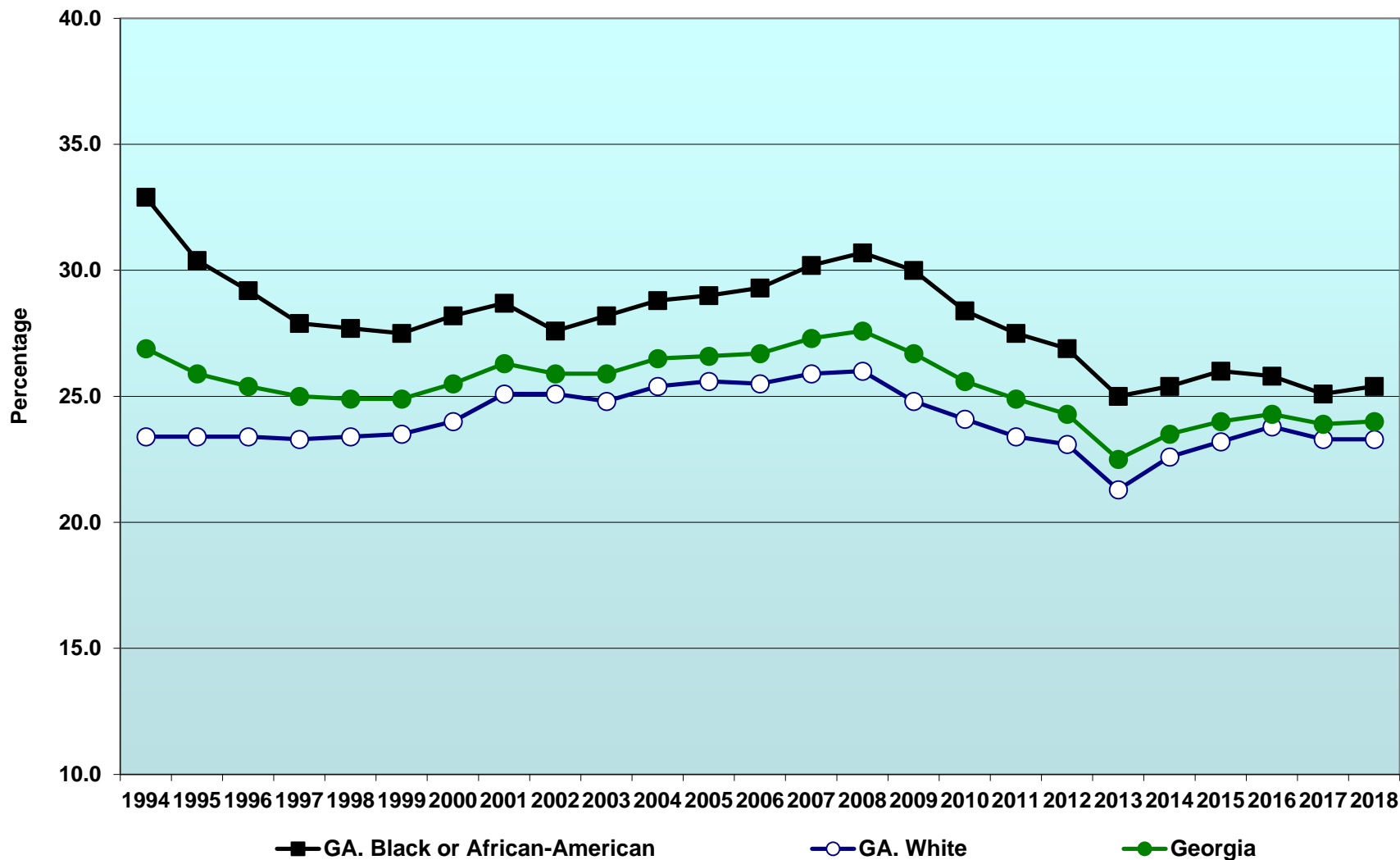
Percent Repeat Pregnancies, 10-17 Years of Age, Total and by Race, Georgia, 1994-2018



Percent of Infants Being Breastfed at the Time of Discharge, Total and by Race, Georgia, 2007-2017

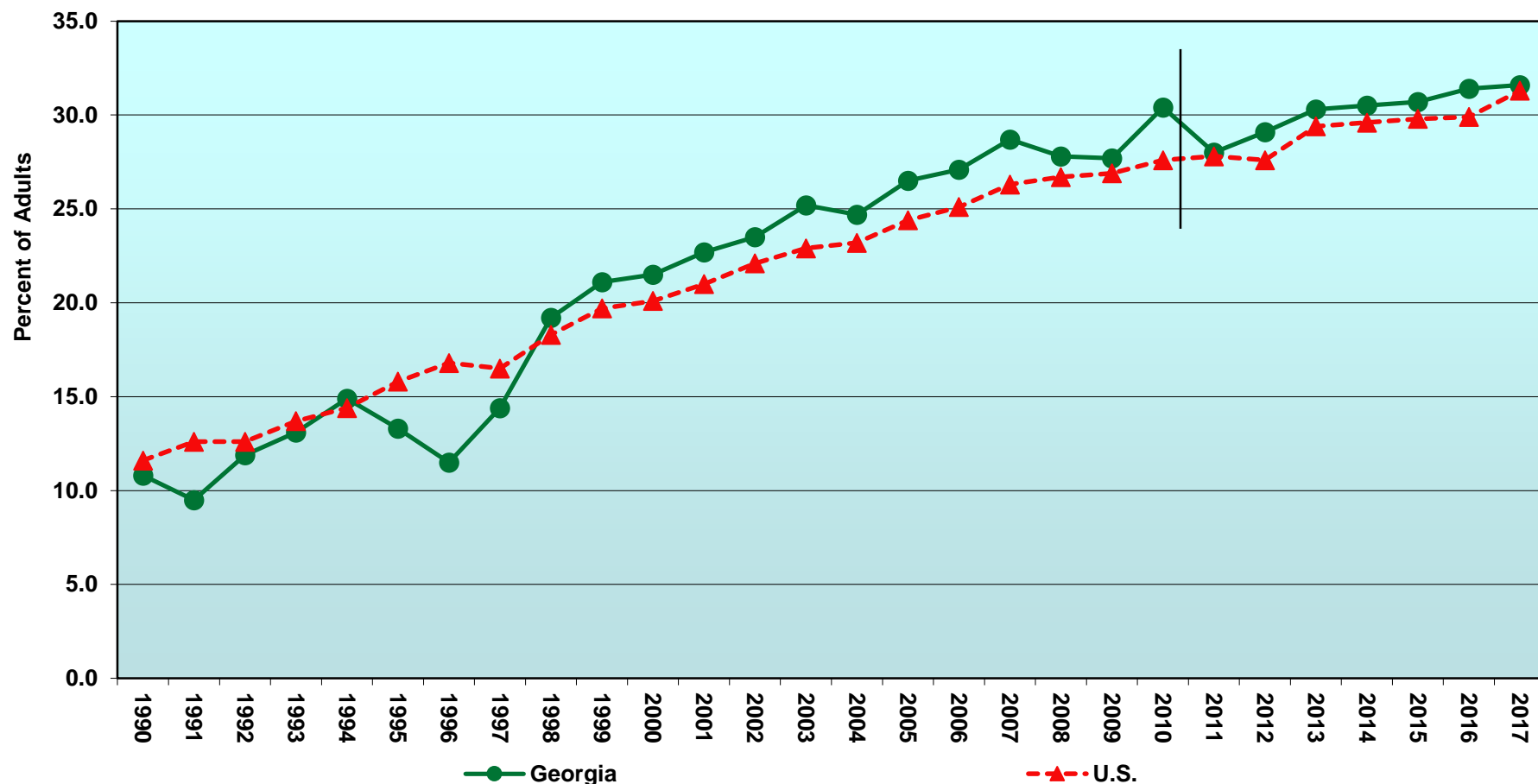


Of Repeat Births, Percent with Less Than Two-Year Birth Interval, Total and by Race, Georgia, 1994-2018



Obesity and related conditions

Percentage of Adults 18 Years of Age and Older, who are Obese (BMI ≥ 30), Georgia and U.S., 1990-2017



Data after 2010 are not comparable with prior years

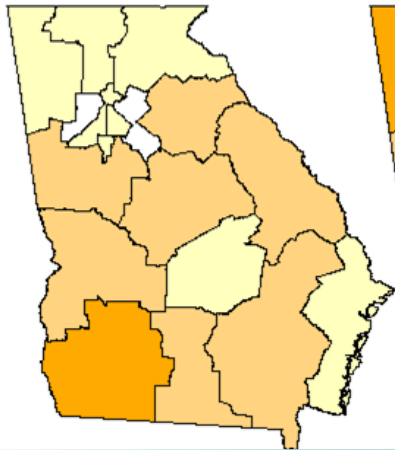
Healthy People 2010 Objective: 15.0%
Healthy People 2020 Objective: 30.5%

Obesity is self-reported. Body Mass Index (BMI) is measured as weight in kilograms/height in meters

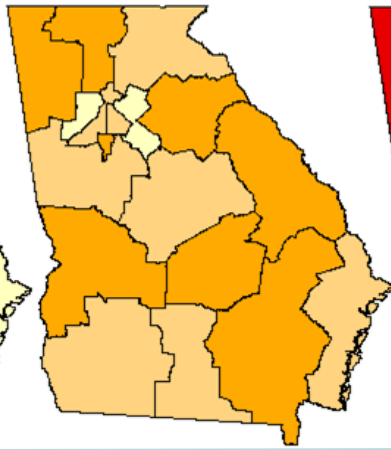
Source: Centers for Disease Control & Prevention, National Center for Chronic Disease Prevention and Health Promotion, Behavioral Risk Factor Surveillance System (BRFSS), <http://www.cdc.gov/BRFSS/> <https://www.cdc.gov/brfss/brfssprevalence/index.html>

Geographic Trends in Obesity

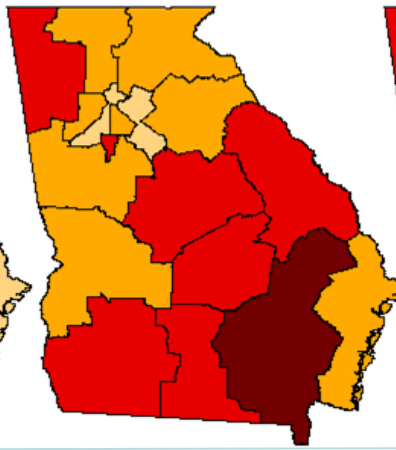
1993-1996



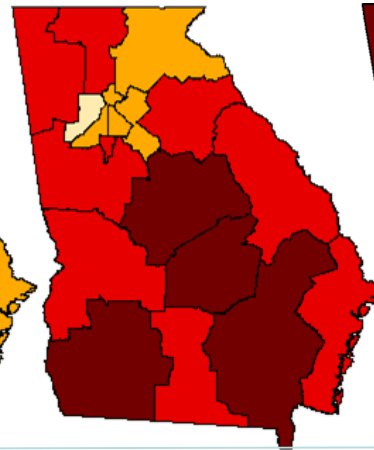
1997-1999



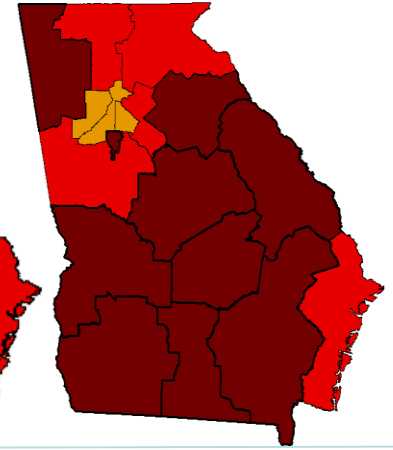
2000-2003



2004-2006



2007-2009



Percent of Obese Adults:



< 10%



10-14%



15%-19%



20-24%

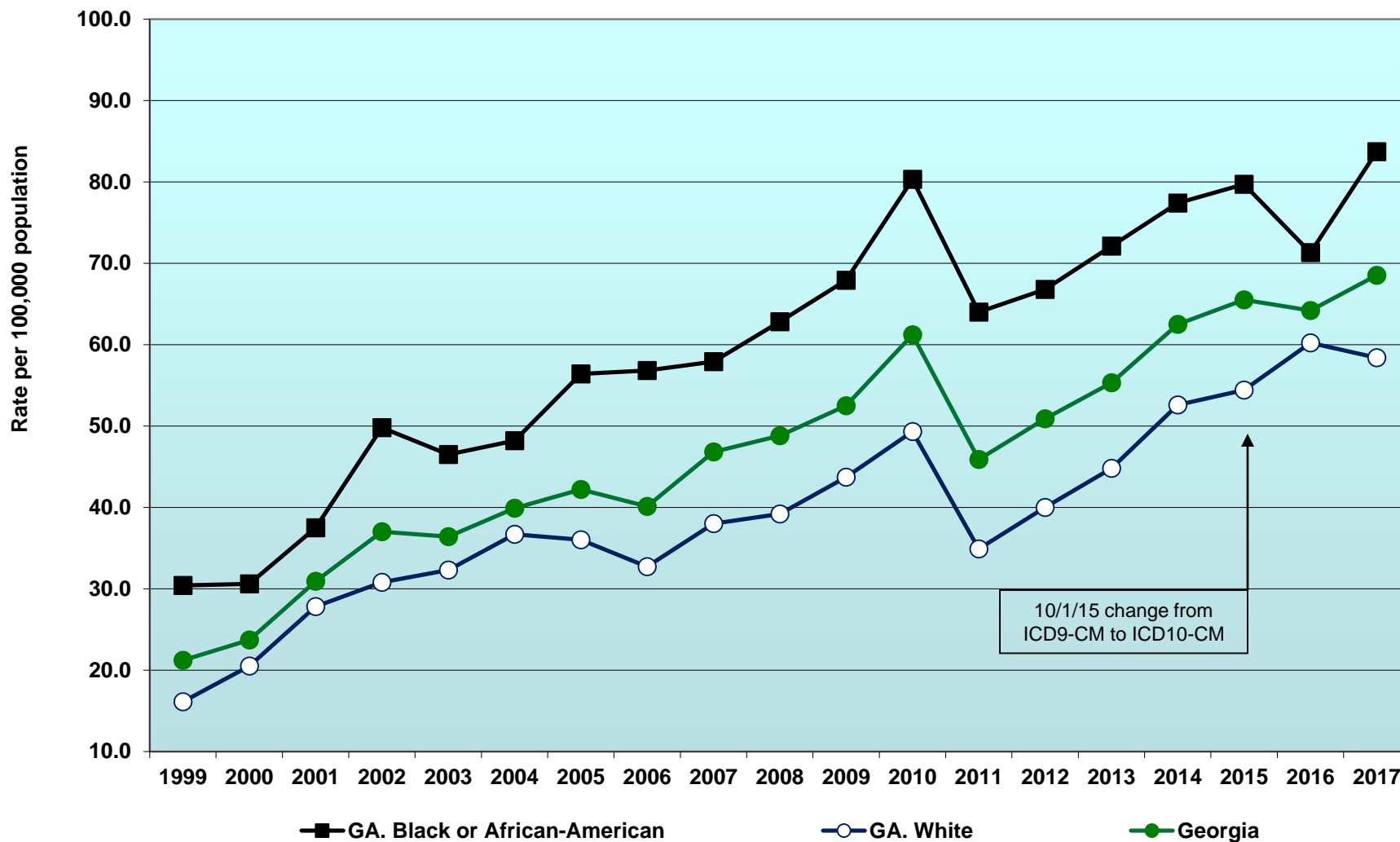


25-29%



30%+

Age-specific Rate of Obesity/Overweight-related Hospitalizations, 2-19 Years of Age, Georgia, by Race, 1999-2017



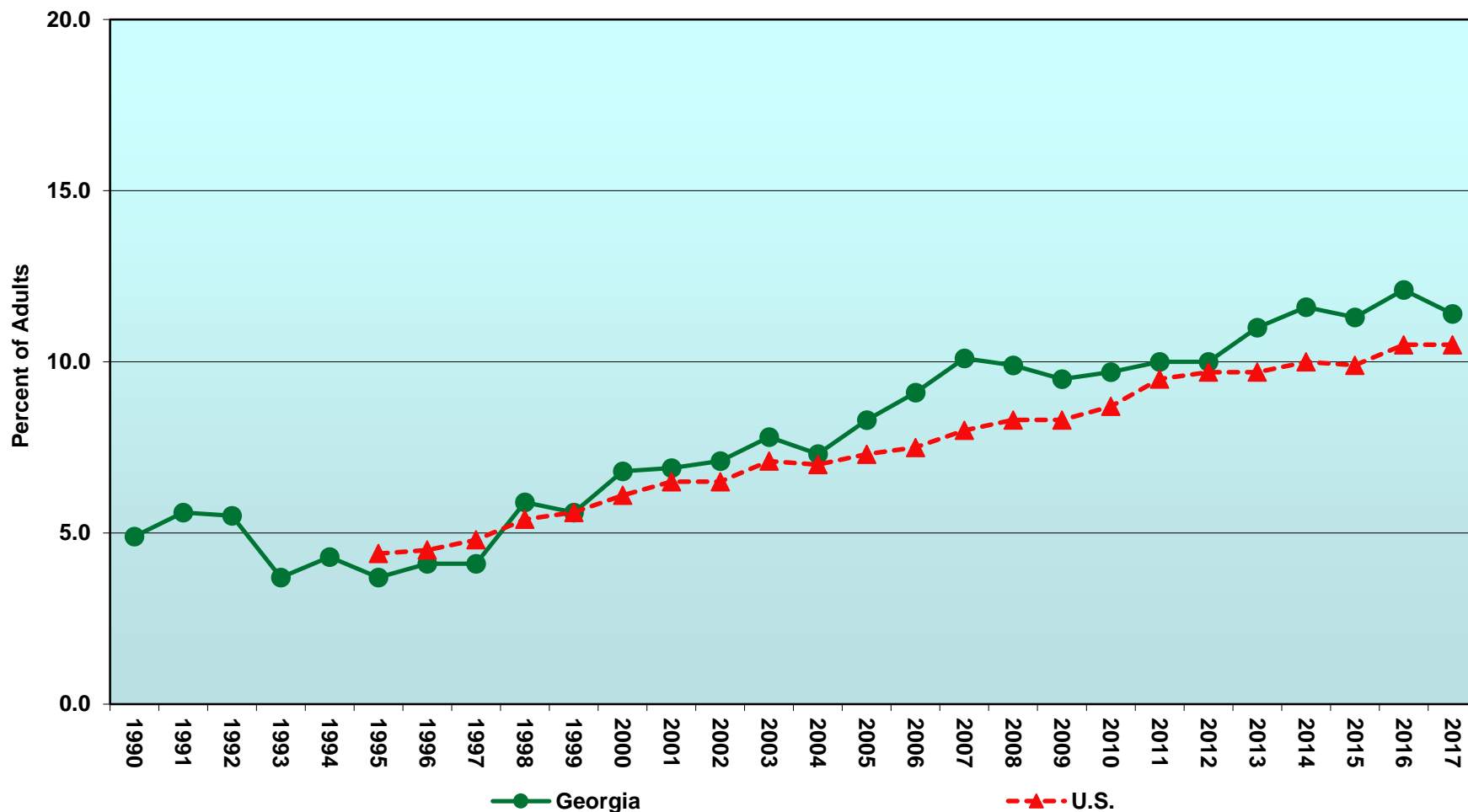
Definition: Obesity/Overweight-related hospitalization is defined as the hospital discharge where any one of the codes listed below was present in either the primary or other contributing cause.

ICD-9 Codes: 278.0, 278.0[0-2], 278.1, 278.8, V85.2[1-5], V85.3[0-9], V85.4[1-5], V85.5[3-4] (before 10/1/15).

ICD-10 Codes: E66.[0-3,9], E65, E67.8, Z68.2[5-9], Z68.3[0-9], Z68.4[1-5], Z68.5[3-4] (10/1/15 and after).

Source: Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP).

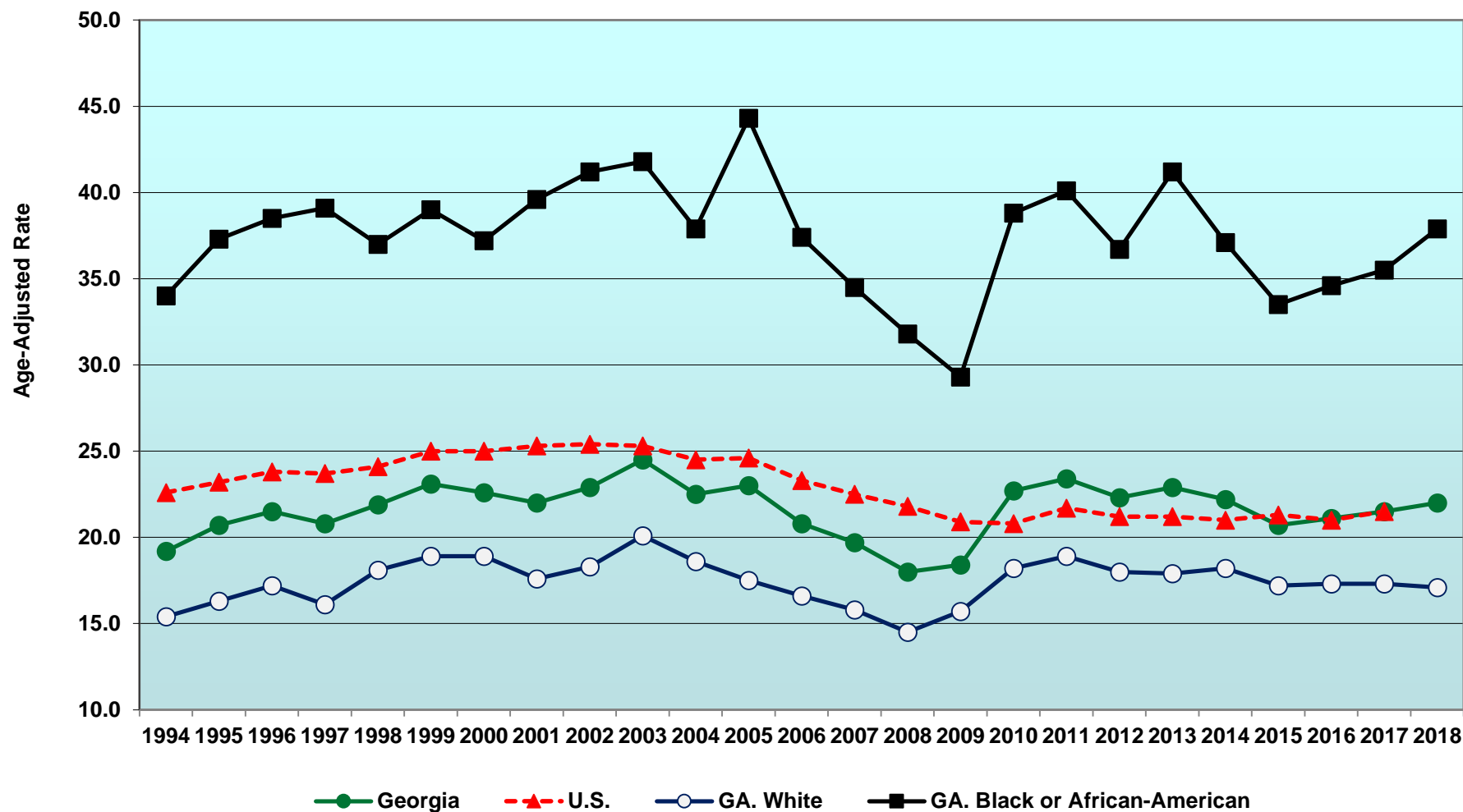
Percentage of Adults 18 Years of Age and Older who have Diabetes, Georgia and U.S., 1990-2017



Healthy People 2000 Objective: 2.5%
Healthy People 2010 Objective: 2.5%

Source: Centers for Disease Control and Prevention (CDC). *Behavioral Risk Factor Surveillance System Survey Data*. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, <https://www.cdc.gov/brfss/brfssprevalence/index.html>

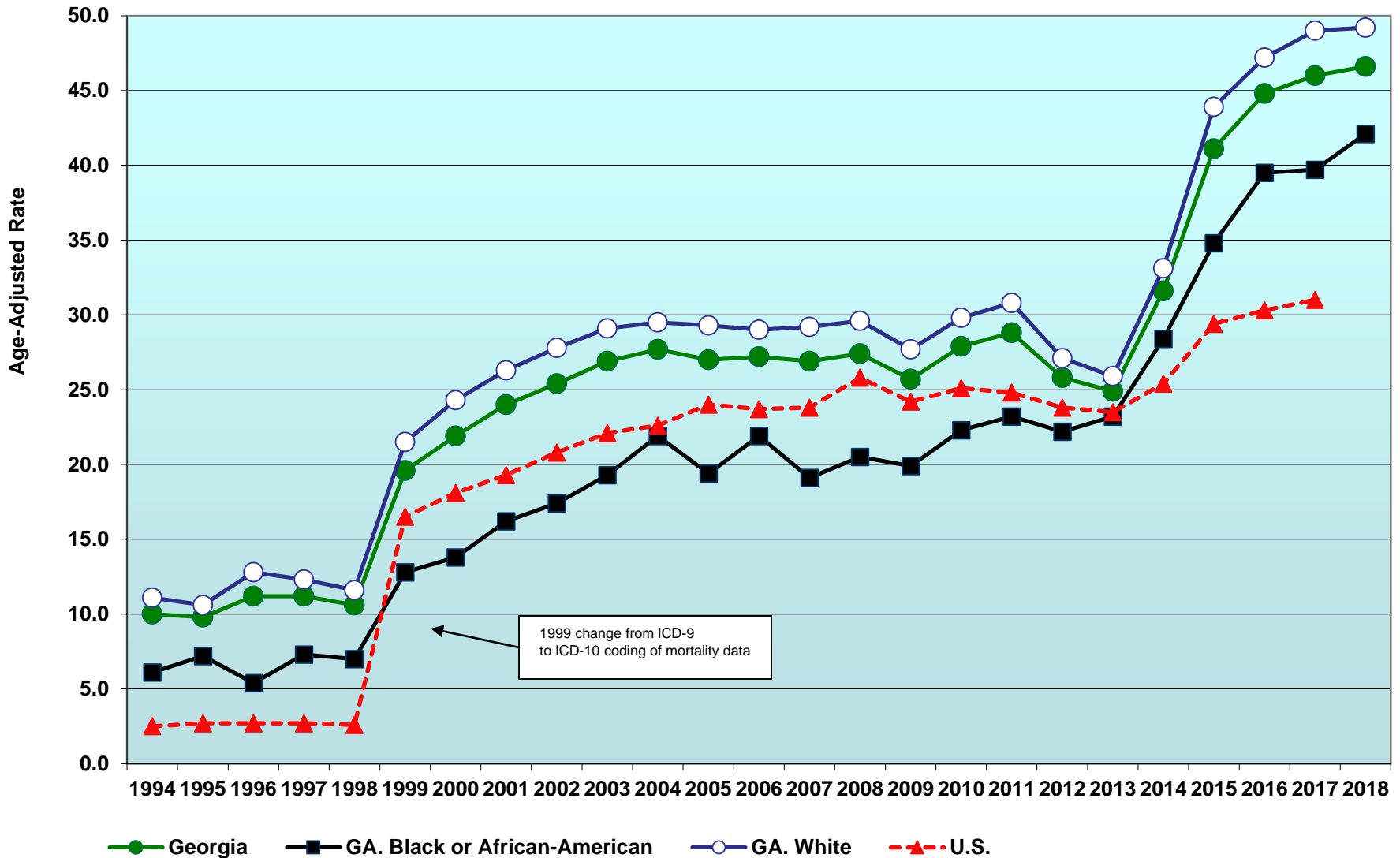
Age-Adjusted Diabetes Mortality Rates, Georgia and U.S., by Race, 1994-2018



¹Age-Adjusted to the 2000 Standard Million.

Sources: Centers for Disease Control & Prevention, CDC WONDER, <http://wonder.cdc.gov/>
Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Age-Adjusted Alzheimer's Mortality Rates, Georgia and U.S., by Race, 1994-2018



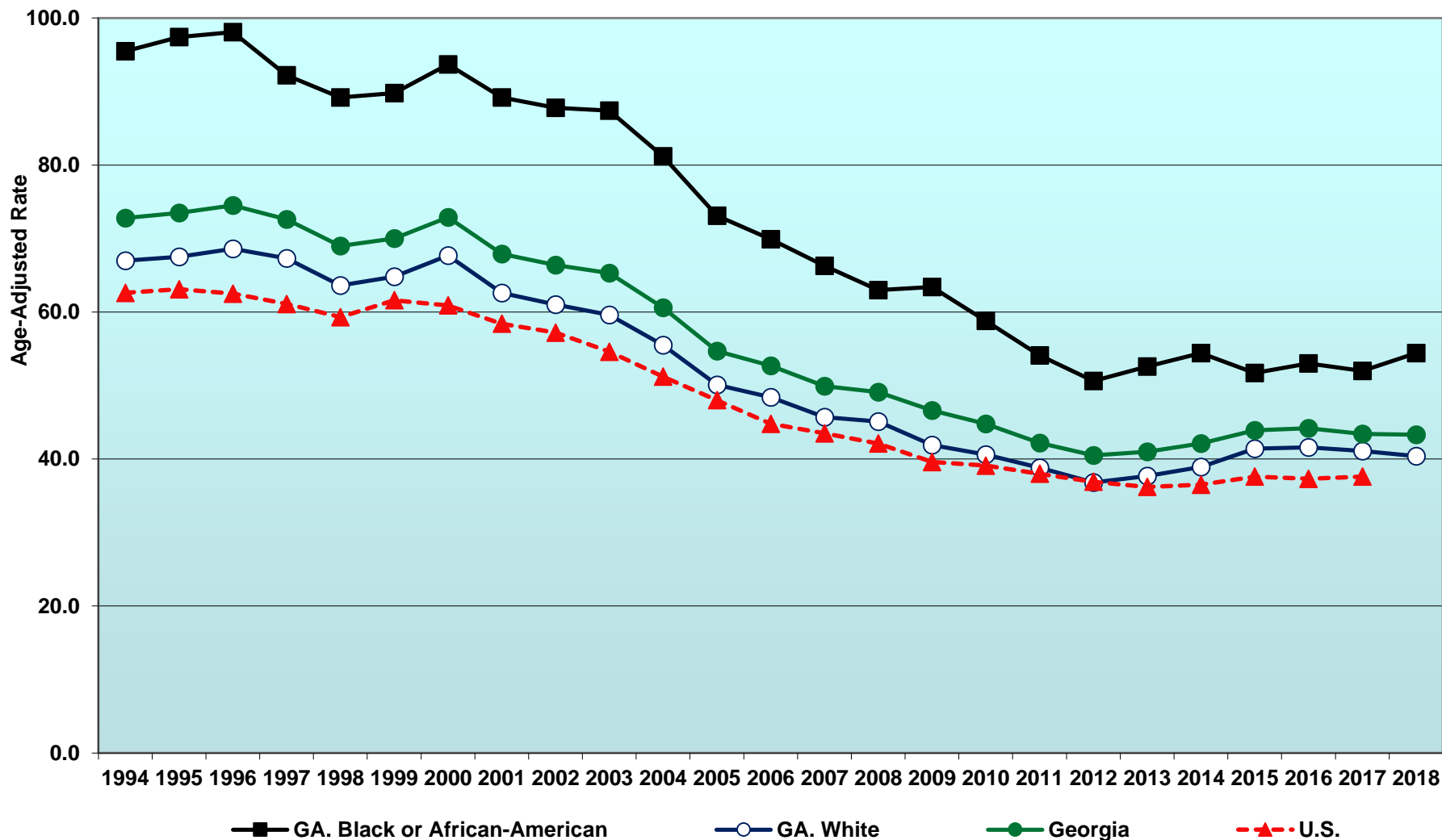
¹Age-Adjusted to the 2000 Standard Million.

Source: Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

U.S. data <https://wonder.cdc.gov>

Cardiovascular Disease

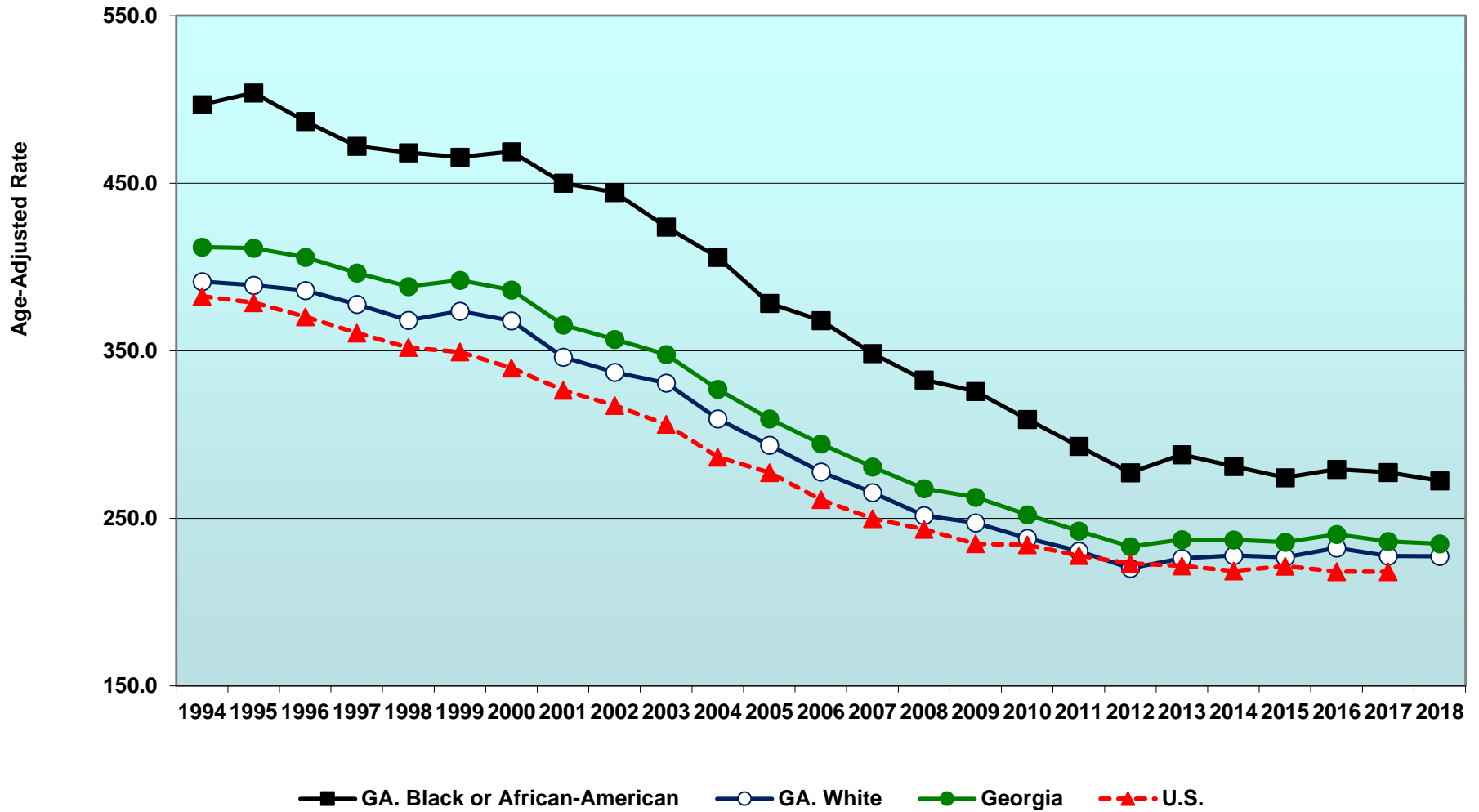
Age-Adjusted Stroke Mortality Rates, Georgia and U.S., by Race, 1994-2018



¹Age-Adjusted to the 2000 Standard Million.
Stroke = ICD I60-I69 (ICD9 430-434, 436-438)

Sources: Centers for Disease Control & Prevention, CDC WONDER, <http://wonder.cdc.gov/>
Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Age-Adjusted Cardiovascular Mortality Rates, Georgia and U.S, by Race, 1994-2018

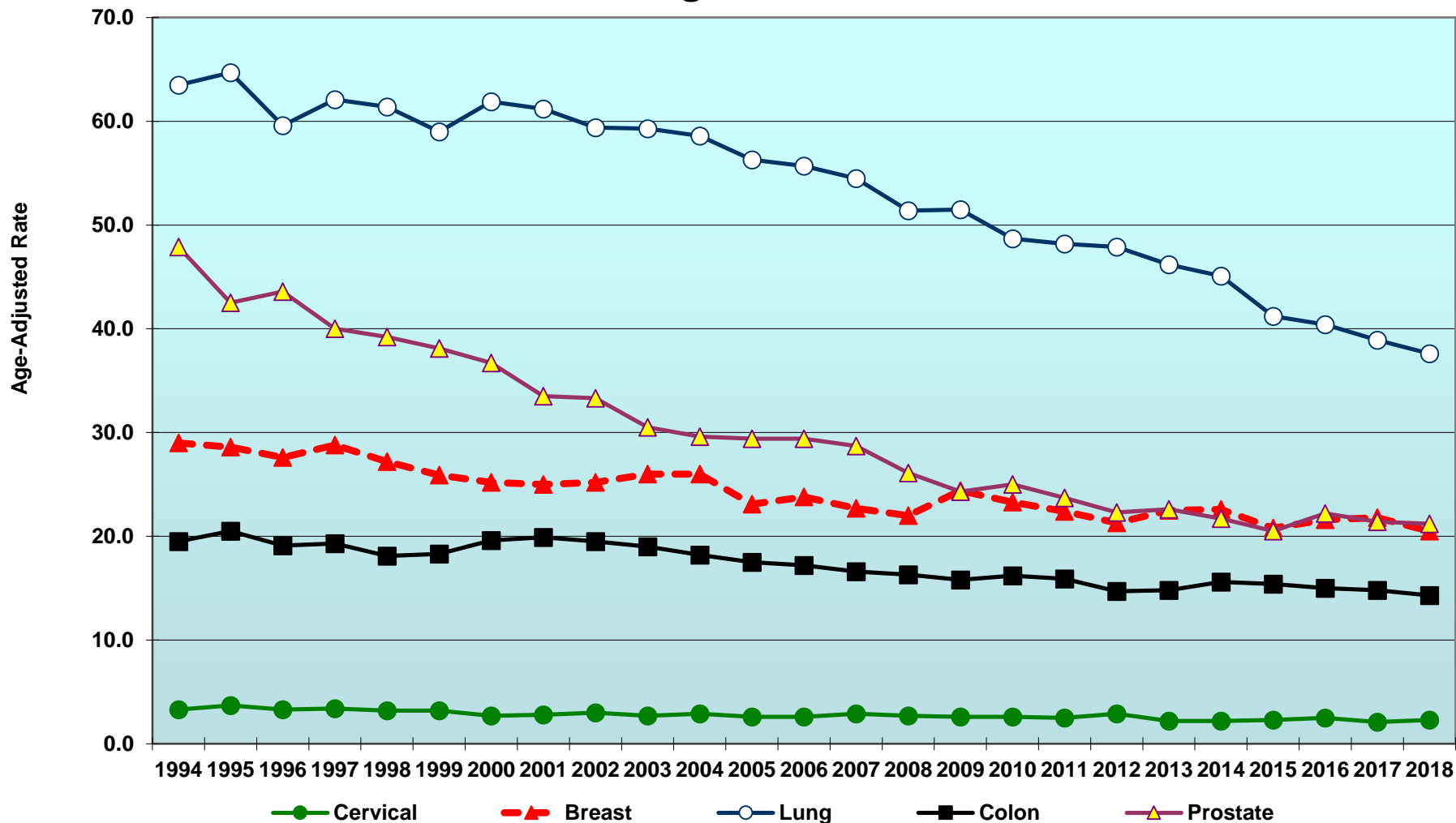


¹Age-Adjusted to the 2000 Standard Million.
Cardiovascular = ICD10 I00-I78 (ICD9 390-434, 436-448)

Sources: Centers for Disease Control & Prevention, CDC WONDER, <http://wonder.cdc.gov/>
Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Cancers

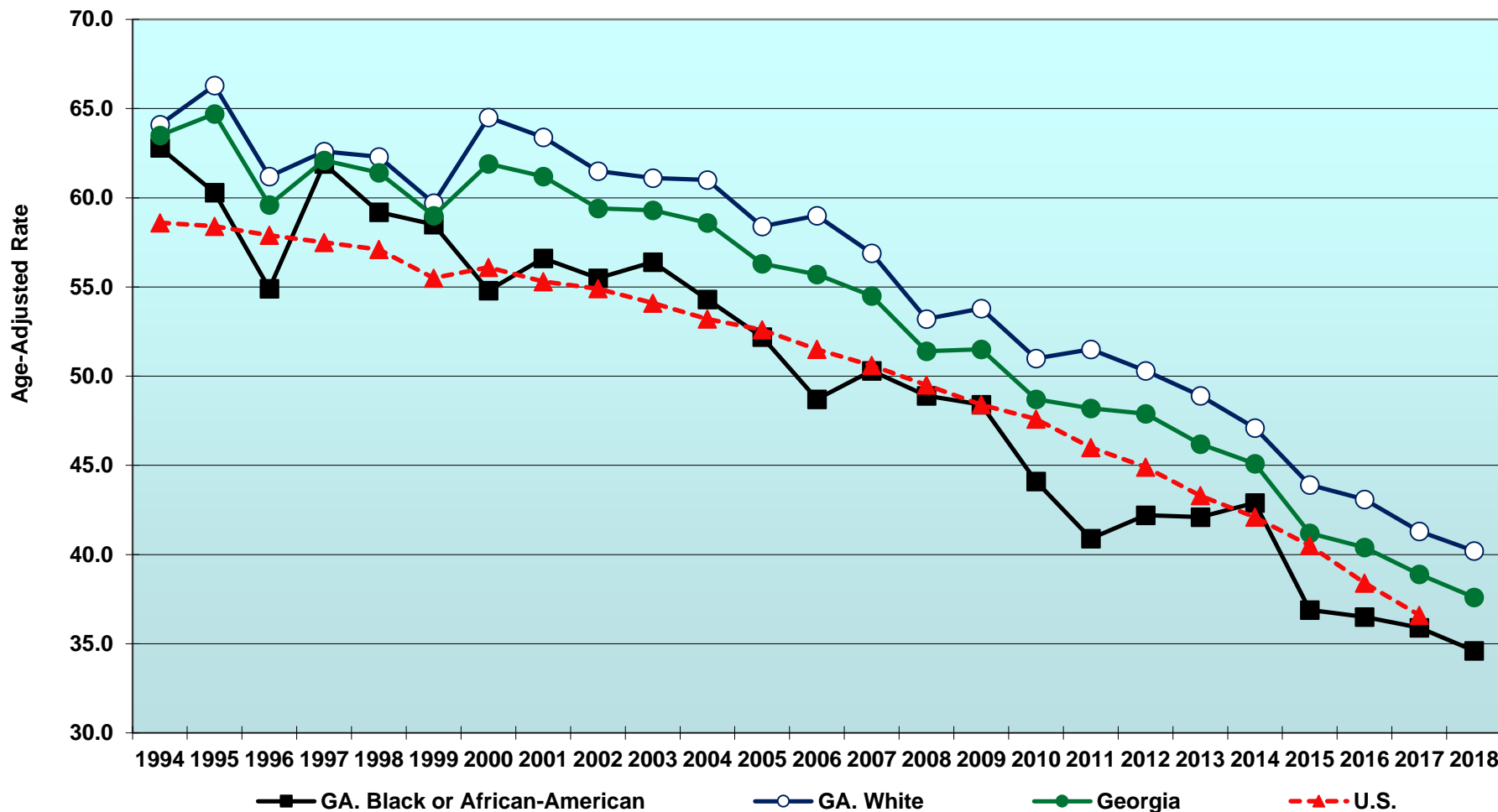
Age-Adjusted Cancer Mortality Rates, Georgia, 1994-2018



¹Age-Adjusted to the 2000 Standard Million. Sex-specific causes have sex-specific denominators.

Sources: Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

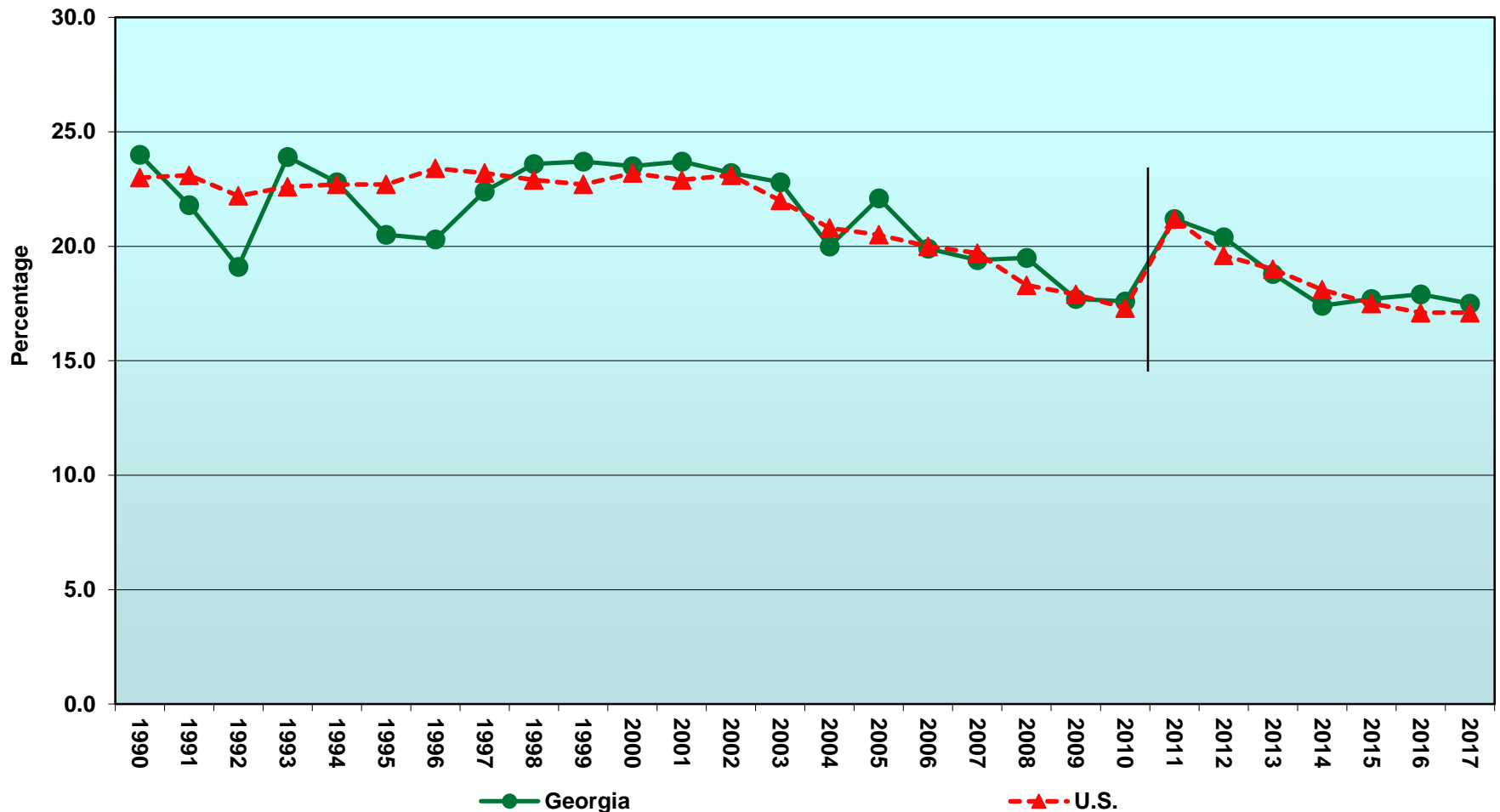
Age-Adjusted Lung Cancer Mortality Rates, Georgia and U.S., by Race, 1994-2018



Healthy People 2000 Objective: 42.0
 Healthy People 2010 Objective: 44.9
 Healthy People 2020 Objective: 45.5

¹Age-Adjusted to the 2000 Standard Million.

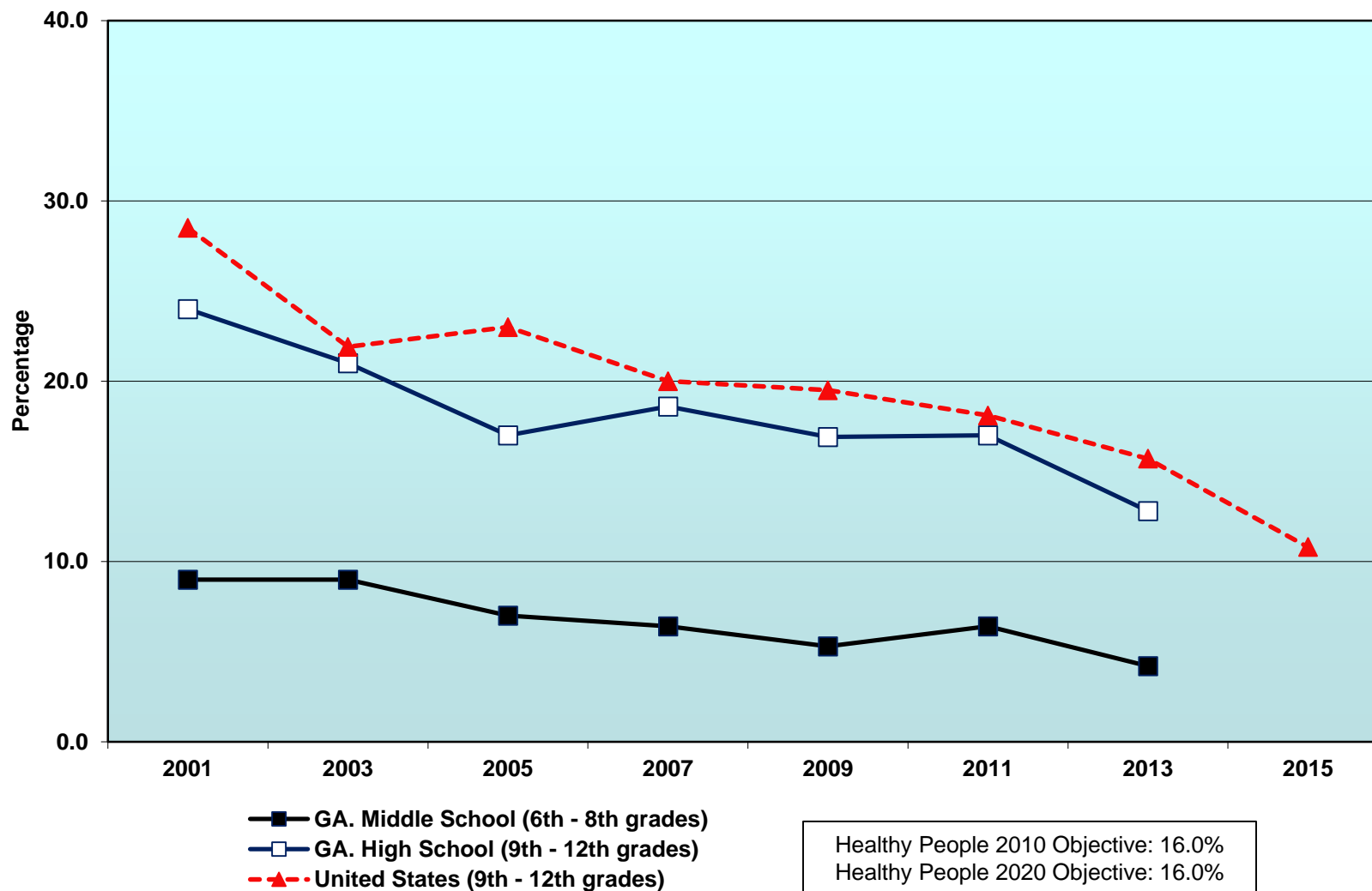
Percentage of Adults, 18 Years of Age and Older Who Smoke, Georgia and U.S., 1990-2017



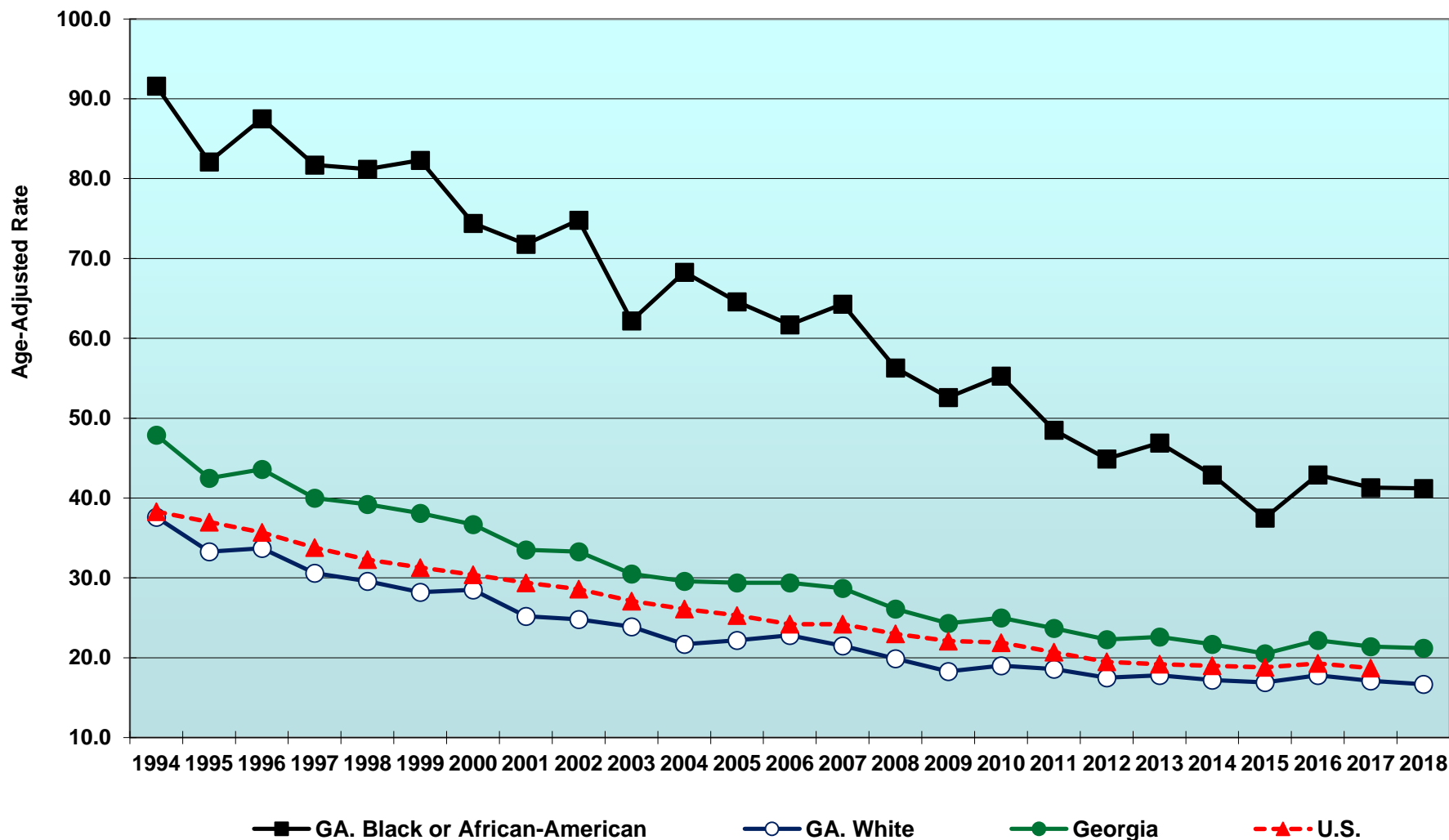
Healthy People 2000 Objective: 12.0%
 Healthy People 2010 Objective: 15.0%
 Healthy People 2020 Objective: 12.0%

Data after 2010 are not comparable with prior years

Percentage of Middle and High School Students Who Smoke, Georgia and U.S., 2001-2015



Age-Adjusted Prostate Cancer Mortality Rates, Georgia and U.S., Males by Race, 1994-2018

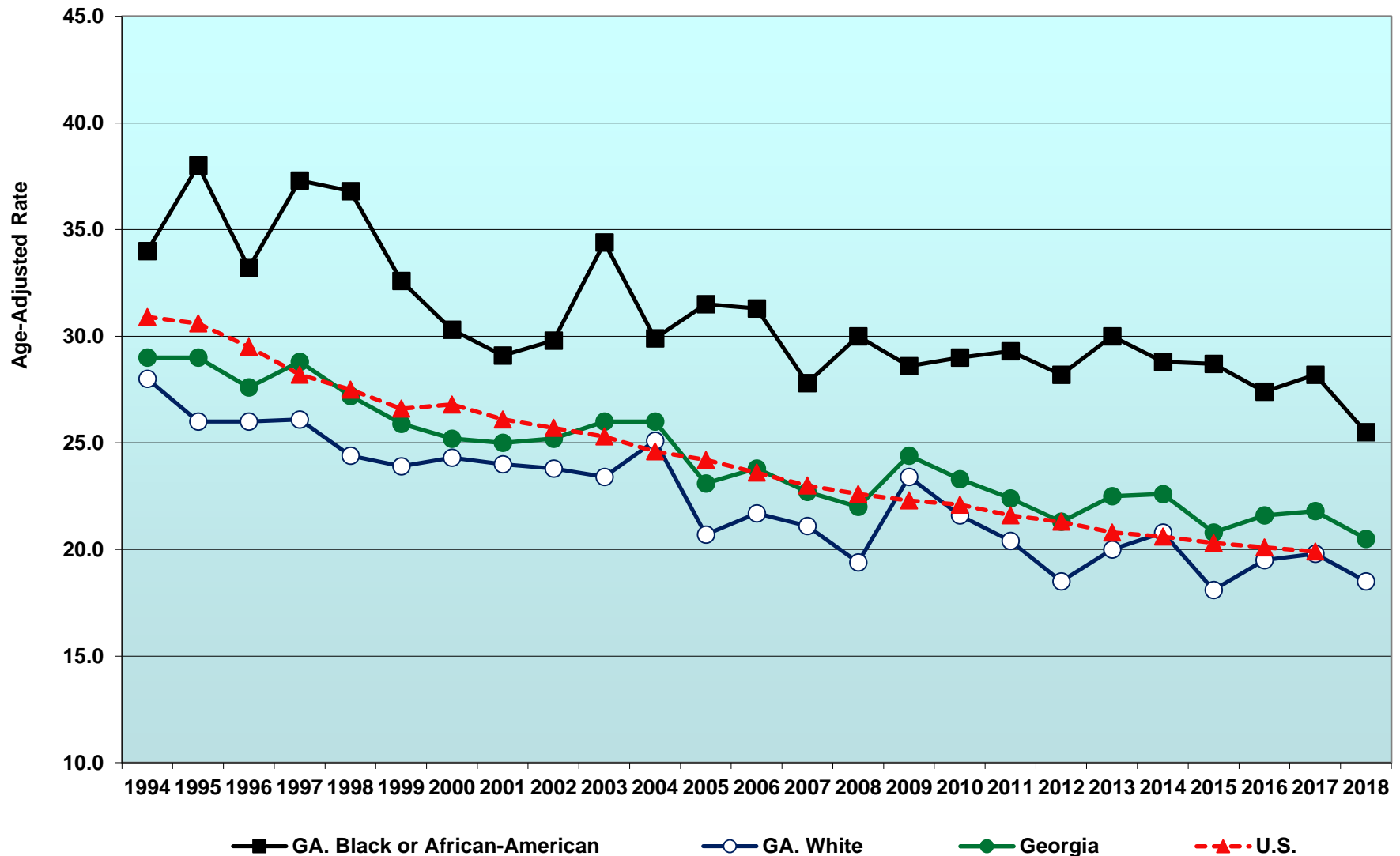


Healthy People 2020 Objective: 21.8

¹Age-Adjusted to the 2000 Standard Million. Men only in denominator.



Age-Adjusted Breast Cancer Mortality Rates, Georgia and U.S. Women by Race, 1994-2018

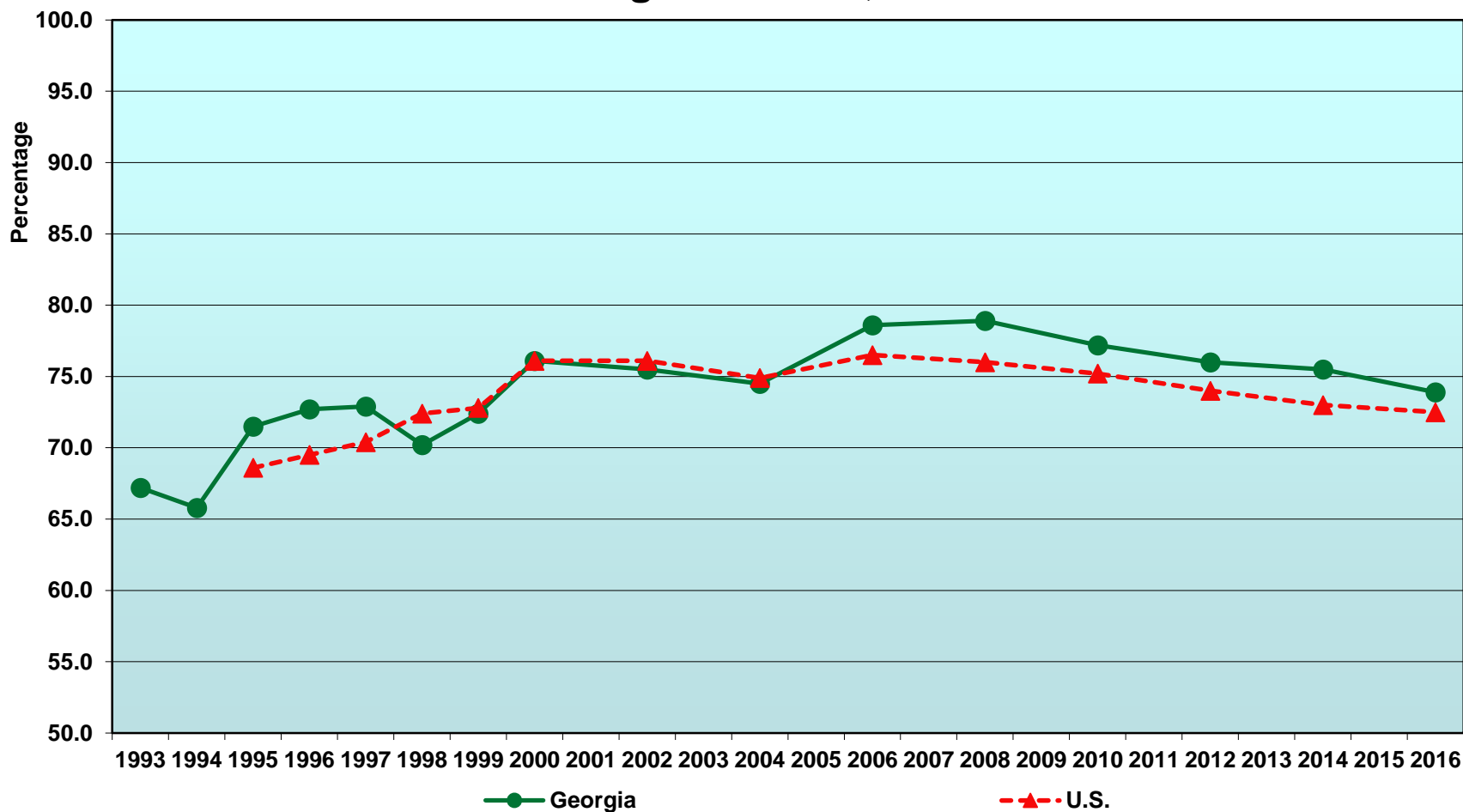


Healthy People 2020 Objective: 20.7

¹Age-Adjusted to the 2000 Standard Million. Women only in denominator.

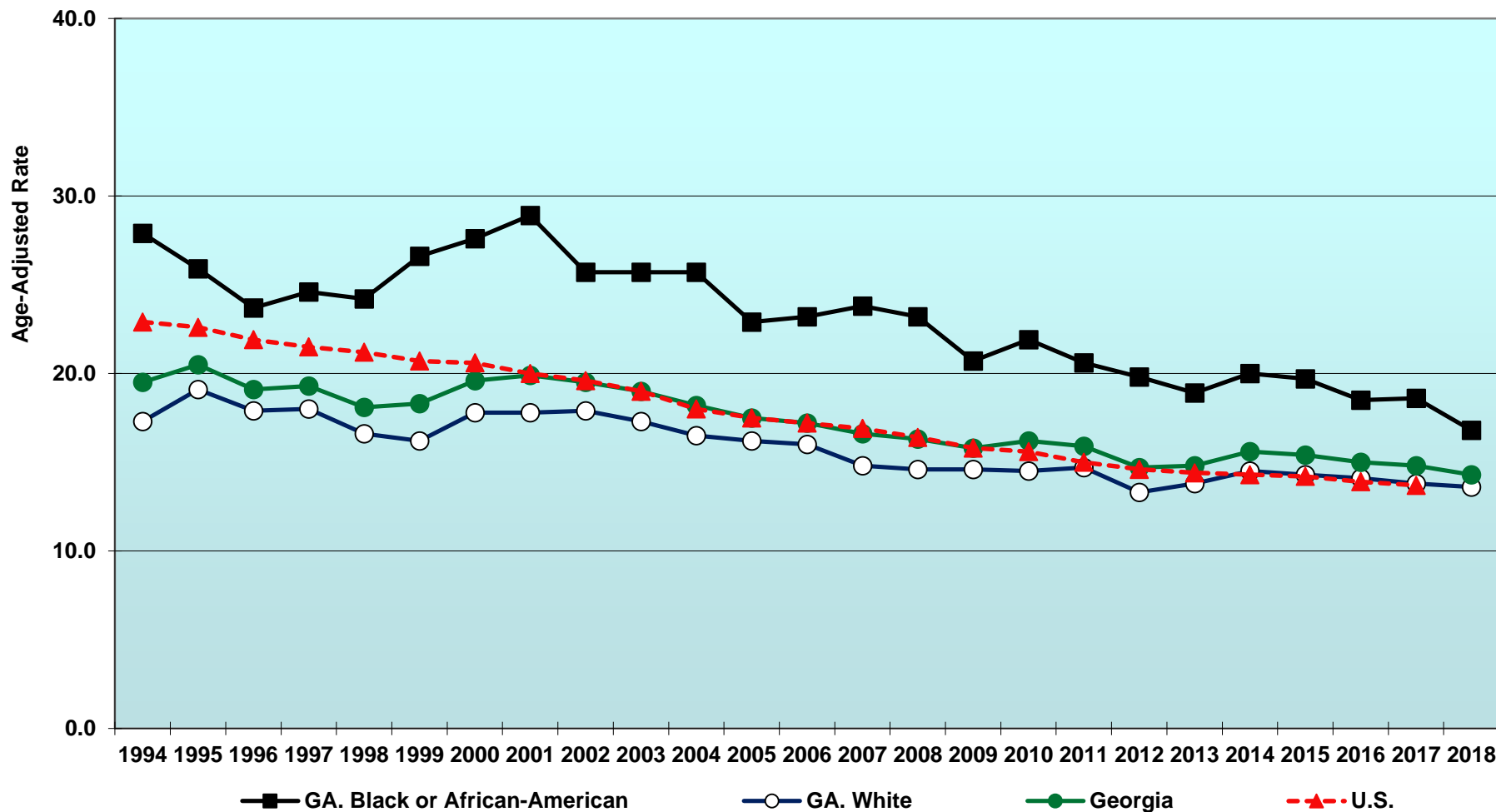
Sources: Centers for Disease Control & Prevention, CDC WONDER, <http://wonder.cdc.gov/>
Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Percentage of Women 40 Years of Age and Older, Who Have Received a Mammogram Within the Last Two Years, Georgia and U.S., 1993-2016



Healthy People 2010 Objective: 70%

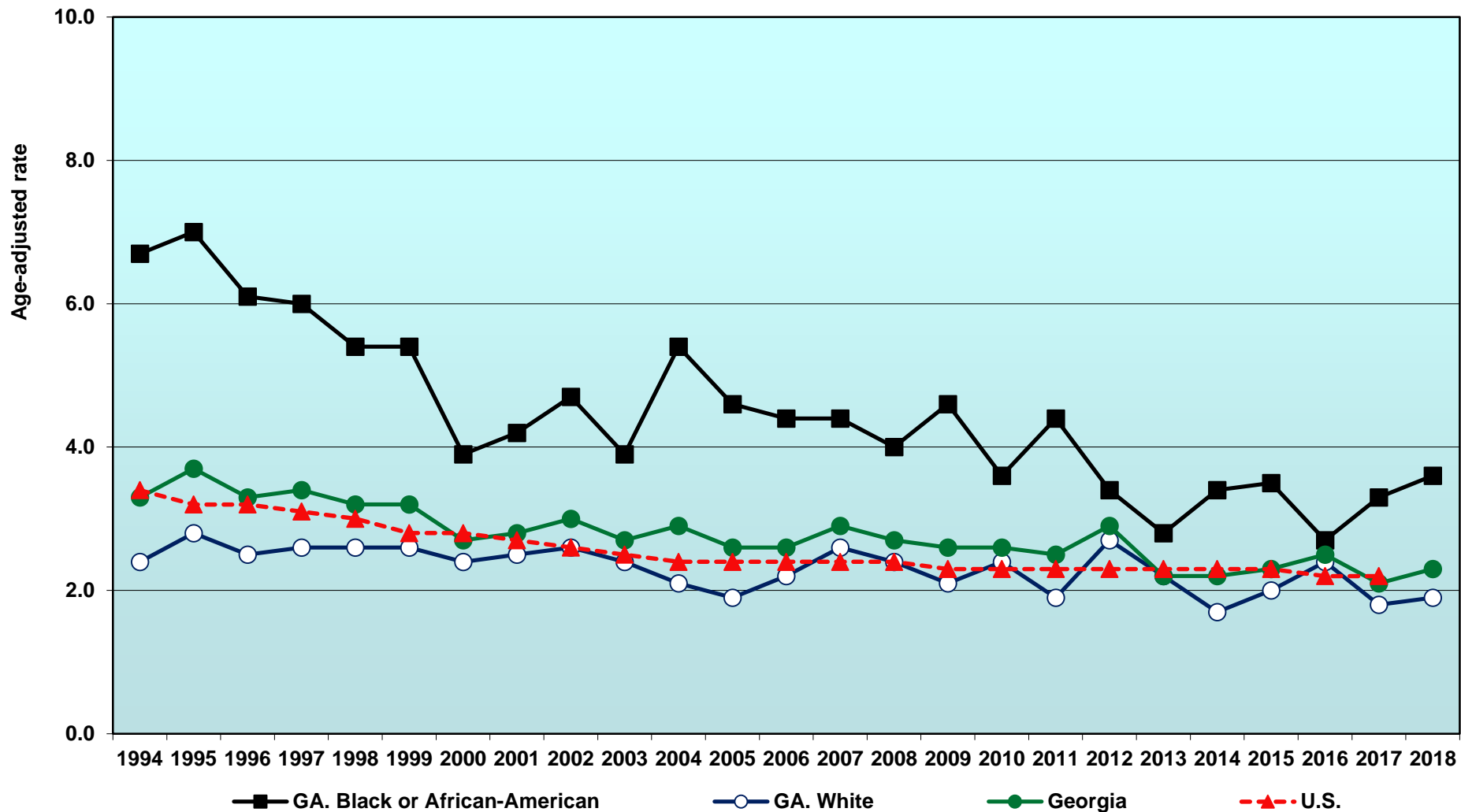
Age-Adjusted Colon Cancer Mortality Rates, Georgia and U.S., by Race, 1994-2018



¹Age-Adjusted to the 2000 Standard Million.

Sources: Centers for Disease Control & Prevention, CDC WONDER, <http://wonder.cdc.gov/>
Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

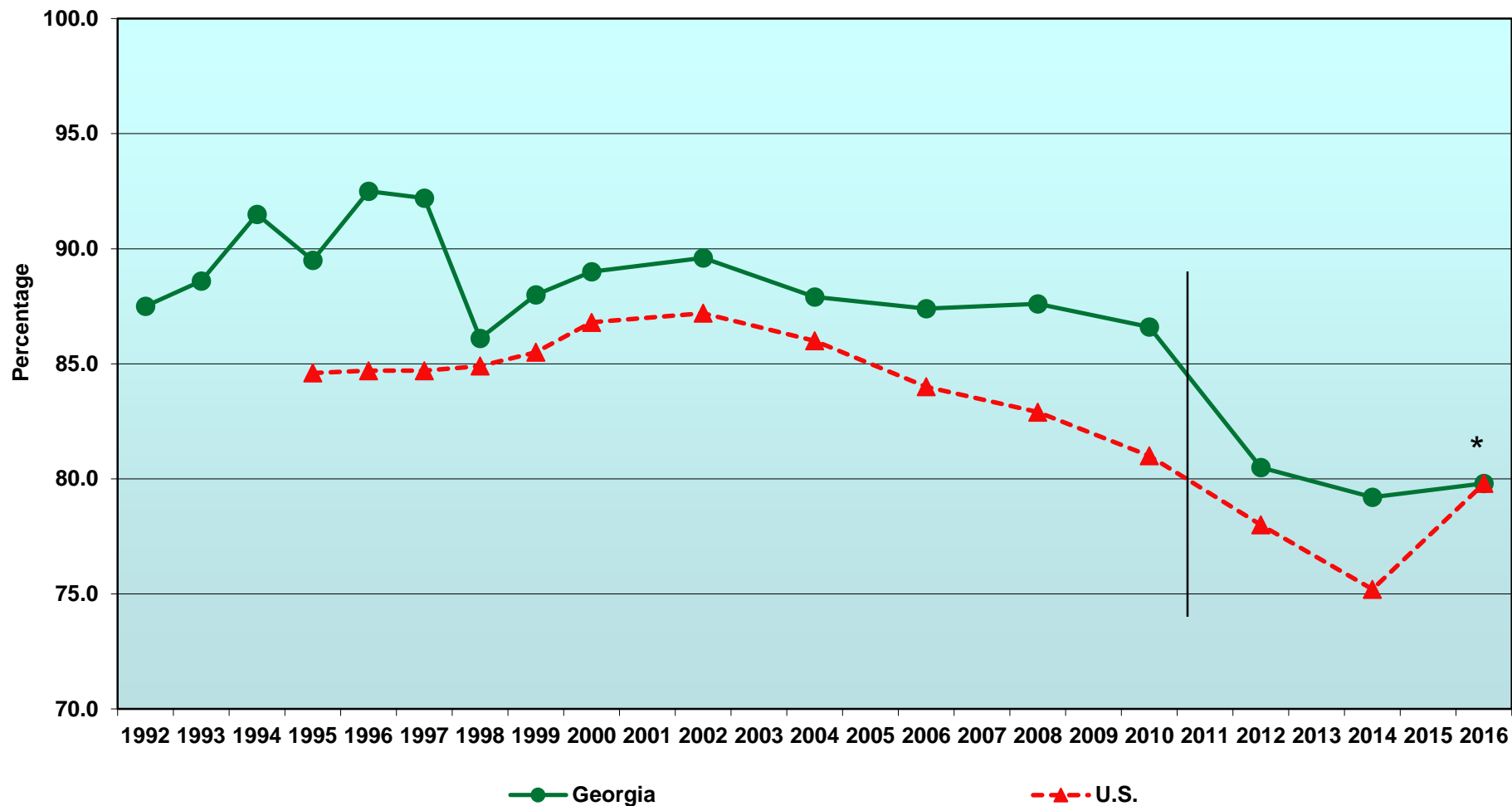
Age-Adjusted Cervical Cancer Mortality Rates, Georgia and U.S. Women, by Race, 1994-2018



¹Age-Adjusted to the 2000 Standard Million. Women only in denominator.

Sources: Centers for Disease Control & Prevention, CDC WONDER, <http://wonder.cdc.gov/>
Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Percentage of Women 18 Years of Age and Older, who had a Pap Smear within the Last 3 Years, Georgia and U.S., 1992-2016

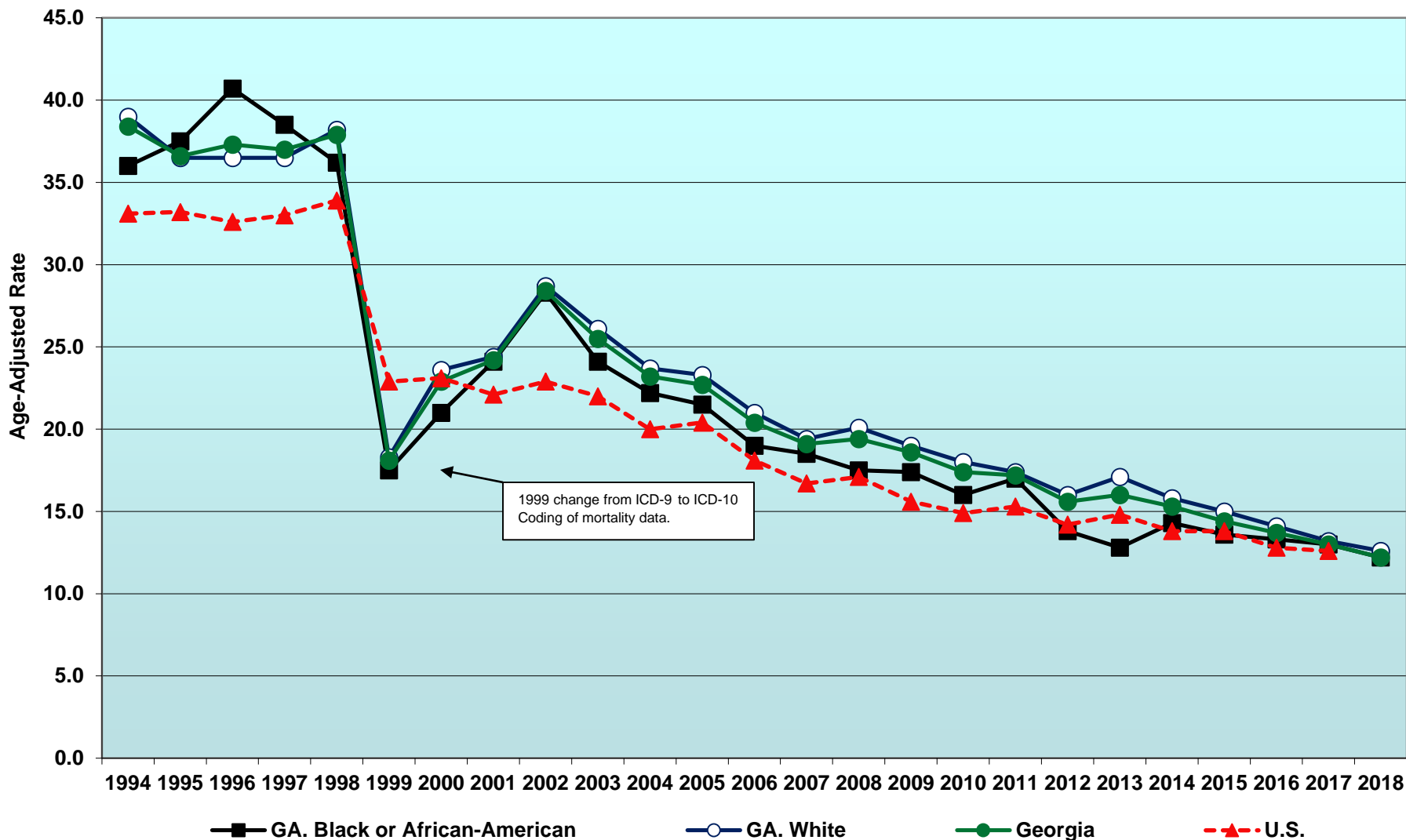


Data after 2010 are not comparable with prior years

*As of 2016, question limited to women aged 21-65.

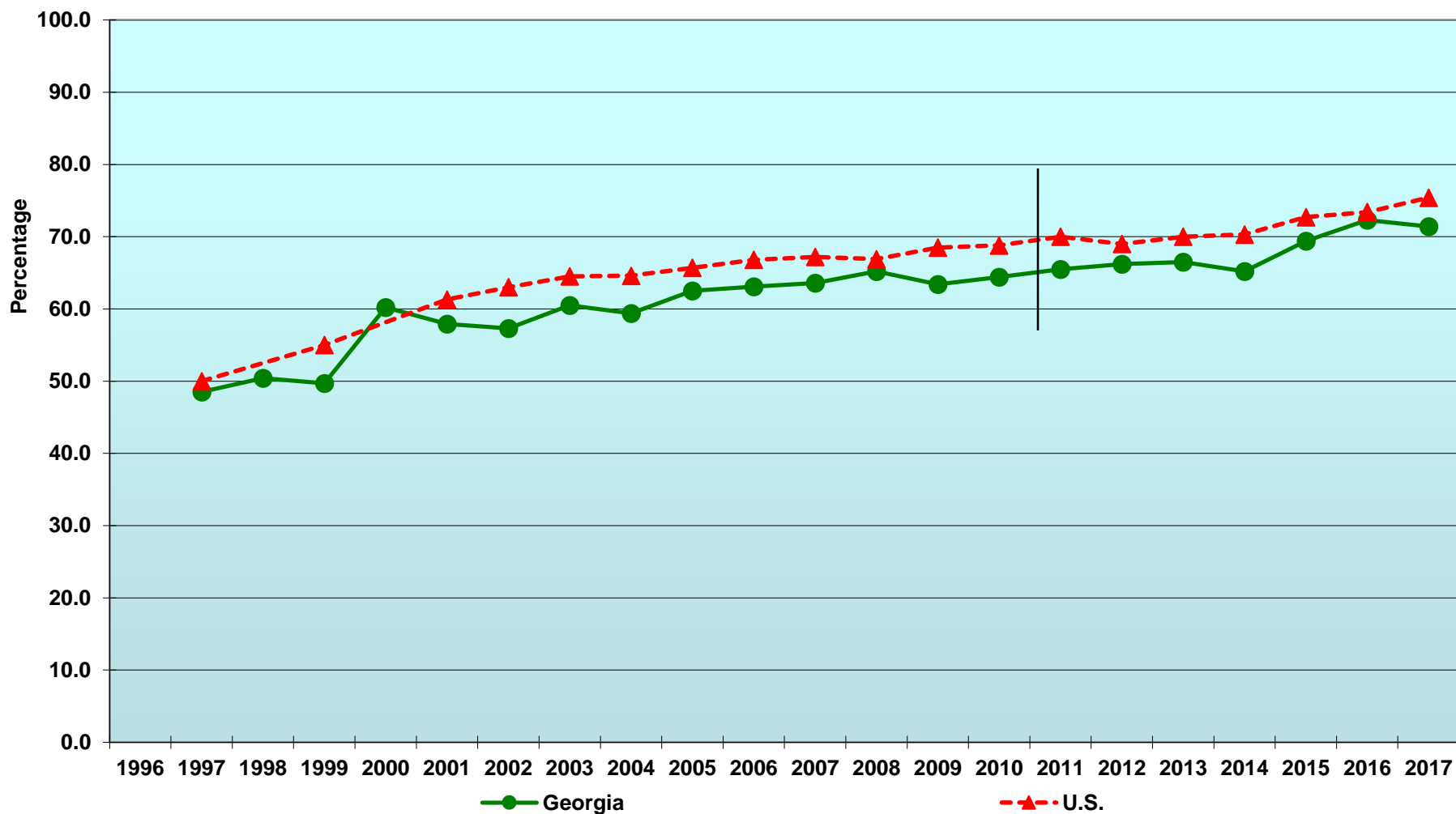
Infectious Disease

Age-Adjusted¹ Pneumonia Mortality Rates, Georgia and U.S., by Race, 1994-2018



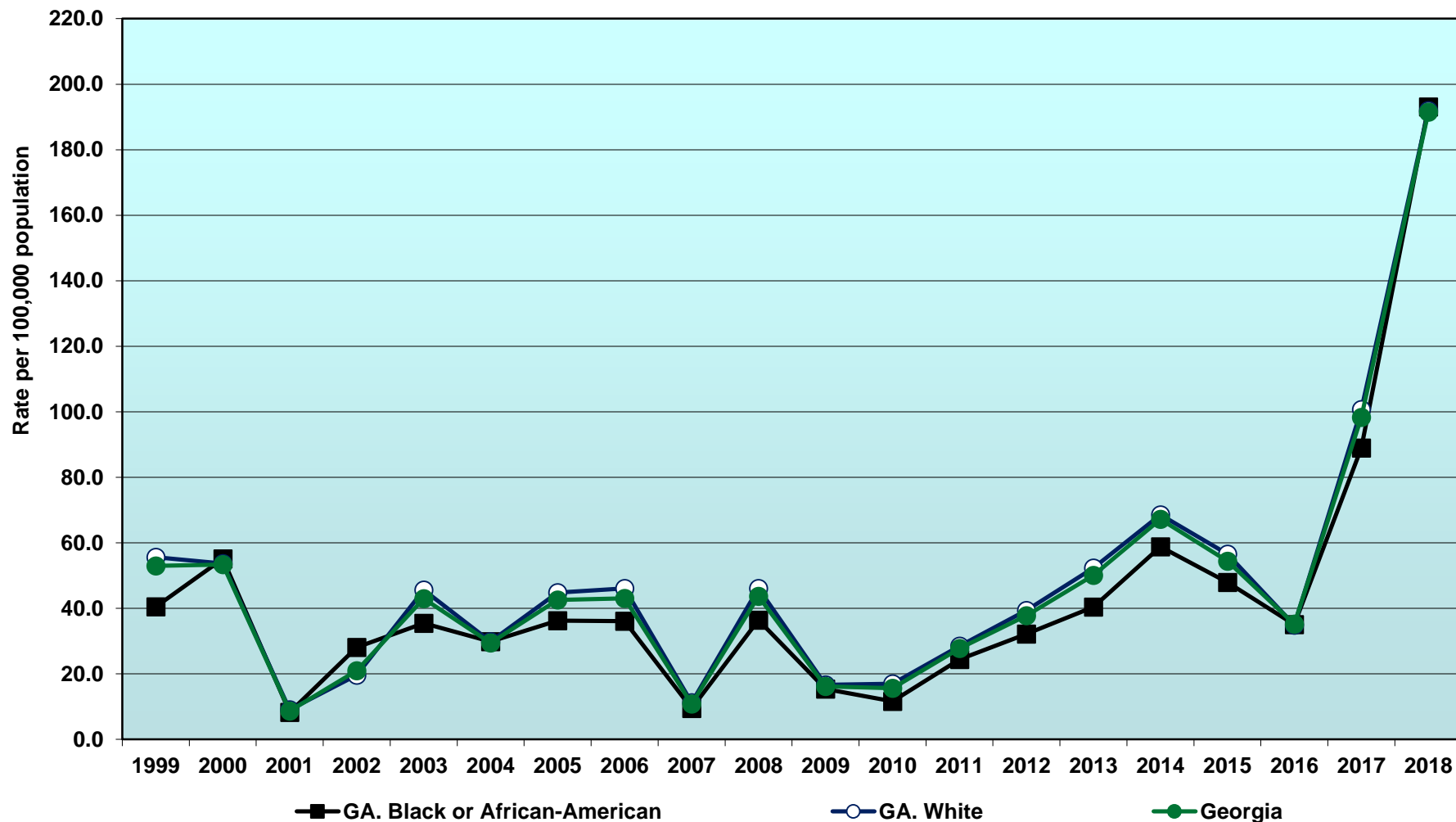
¹Age-Adjusted to the 2000 Standard Million.

Percentage of Adults 65 Years of Age and Older, Ever Vaccinated for Pneumococcal Disease, Georgia, 1995-2017

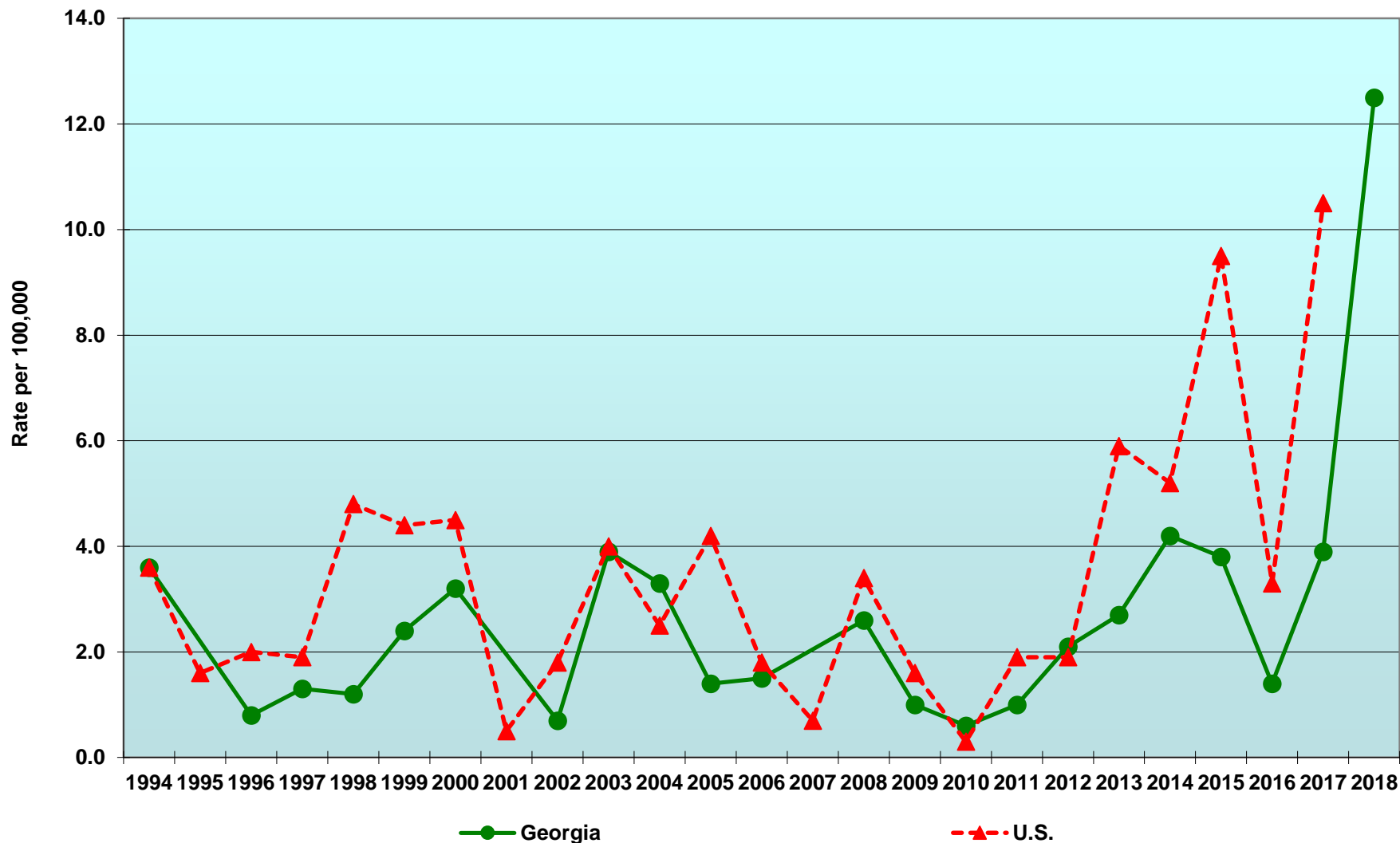


Data after 2010 are not comparable with prior years

Age-Specific Influenza Hospital Discharge Rate, Adults 65+ Years of Age, Georgia, by Race, 1999-2018



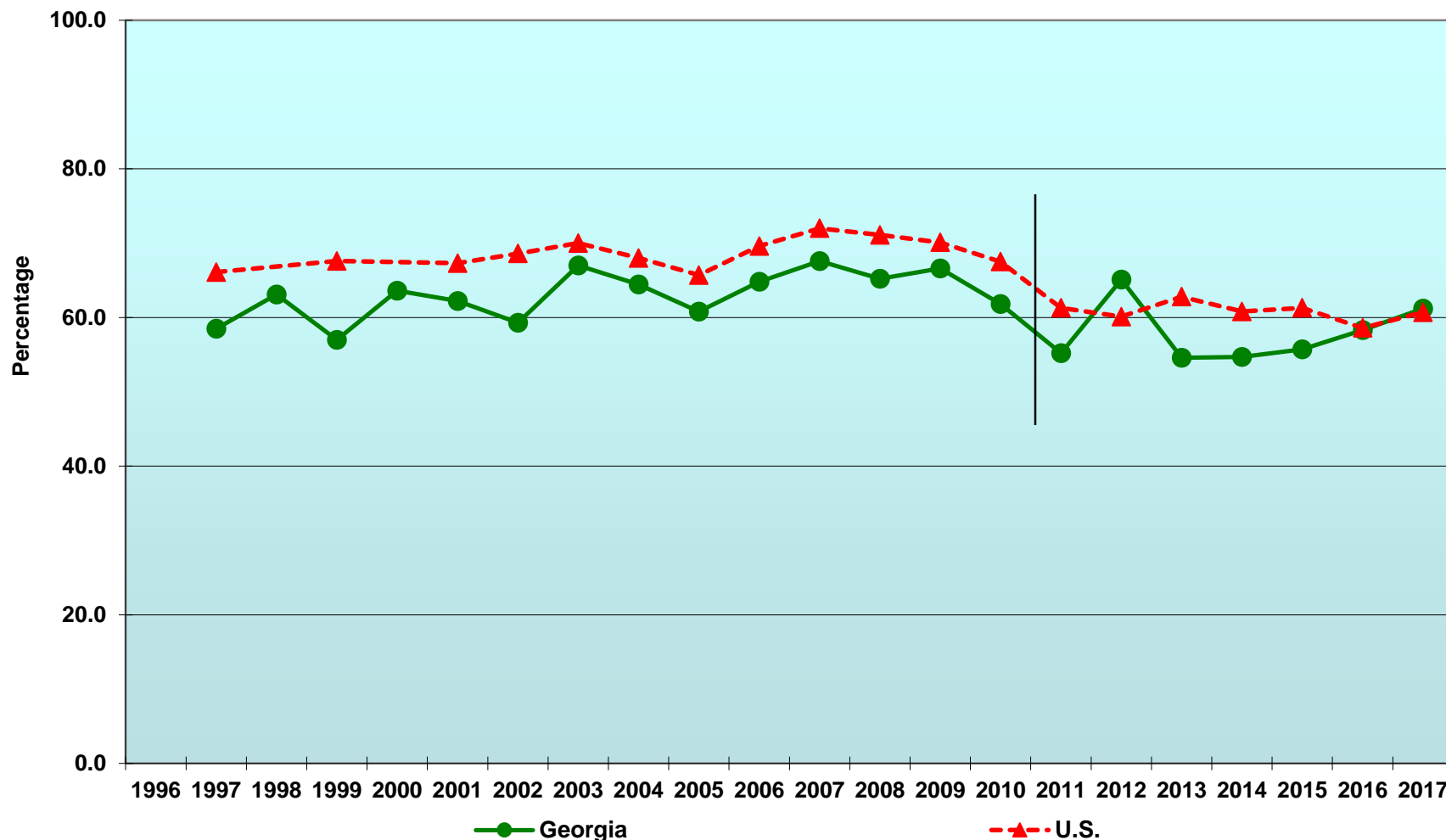
Age-Specific Influenza Mortality Rate, Adults 65+ Years of Age, U.S. and Georgia, 1994-2018



GA rates not displayed when < 5 events

Sources: Centers for Disease Control & Prevention, CDC WONDER, <http://wonder.cdc.gov/>
Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Percentage of Adults 65+ Years of Age, Who Have Received a Flu Vaccination within the Past 12 Months, Georgia and U.S., 1995-2017

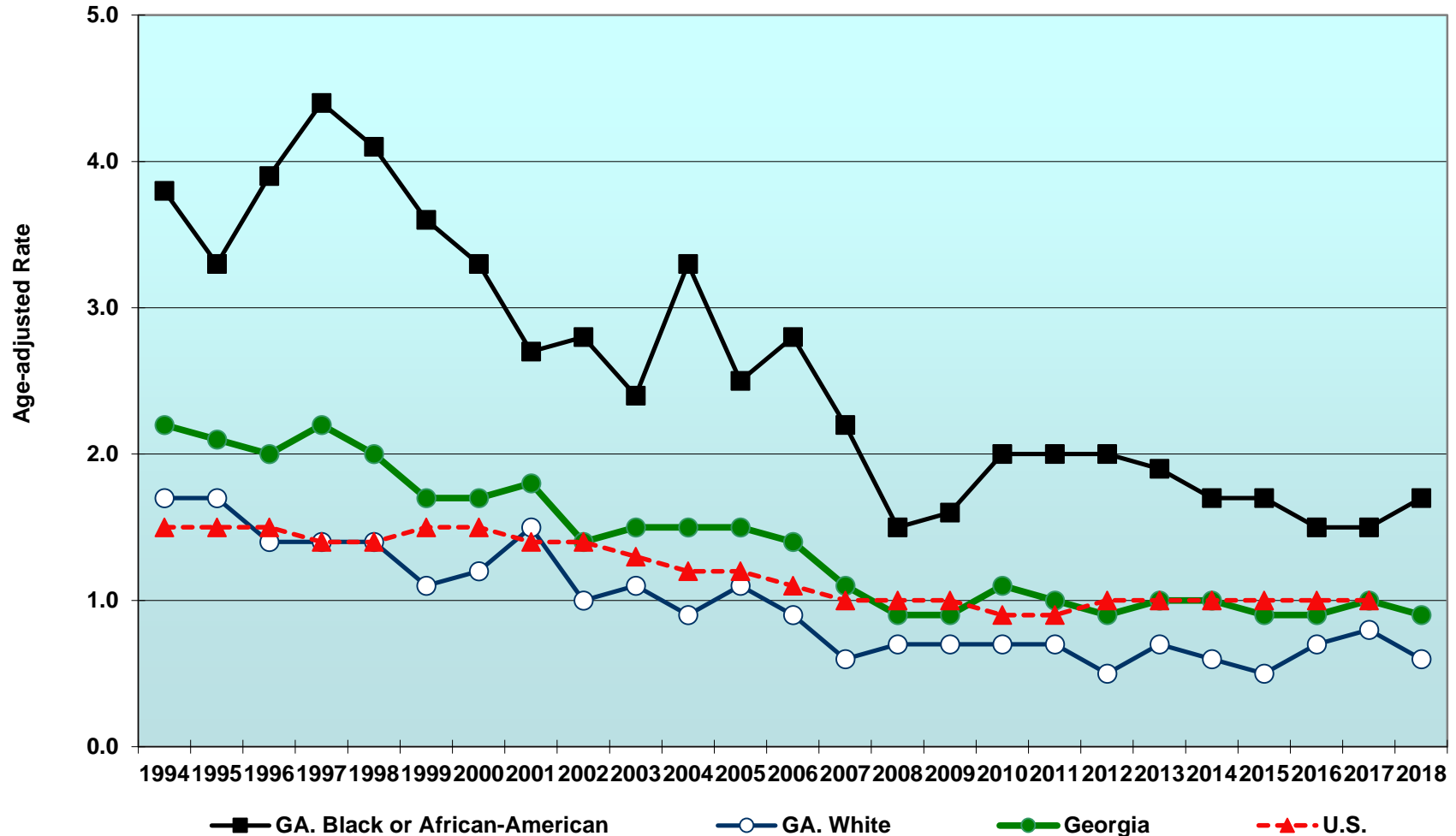


Data after 2010 are not comparable with prior years

Healthy People 2000 Objective: 60%
 Healthy People 2010 Objective: 90%
 Healthy People 2020 Objective: 90%

Asthma

Age-Adjusted Asthma Mortality Rates, Georgia and U.S., by Race, 1994-2018

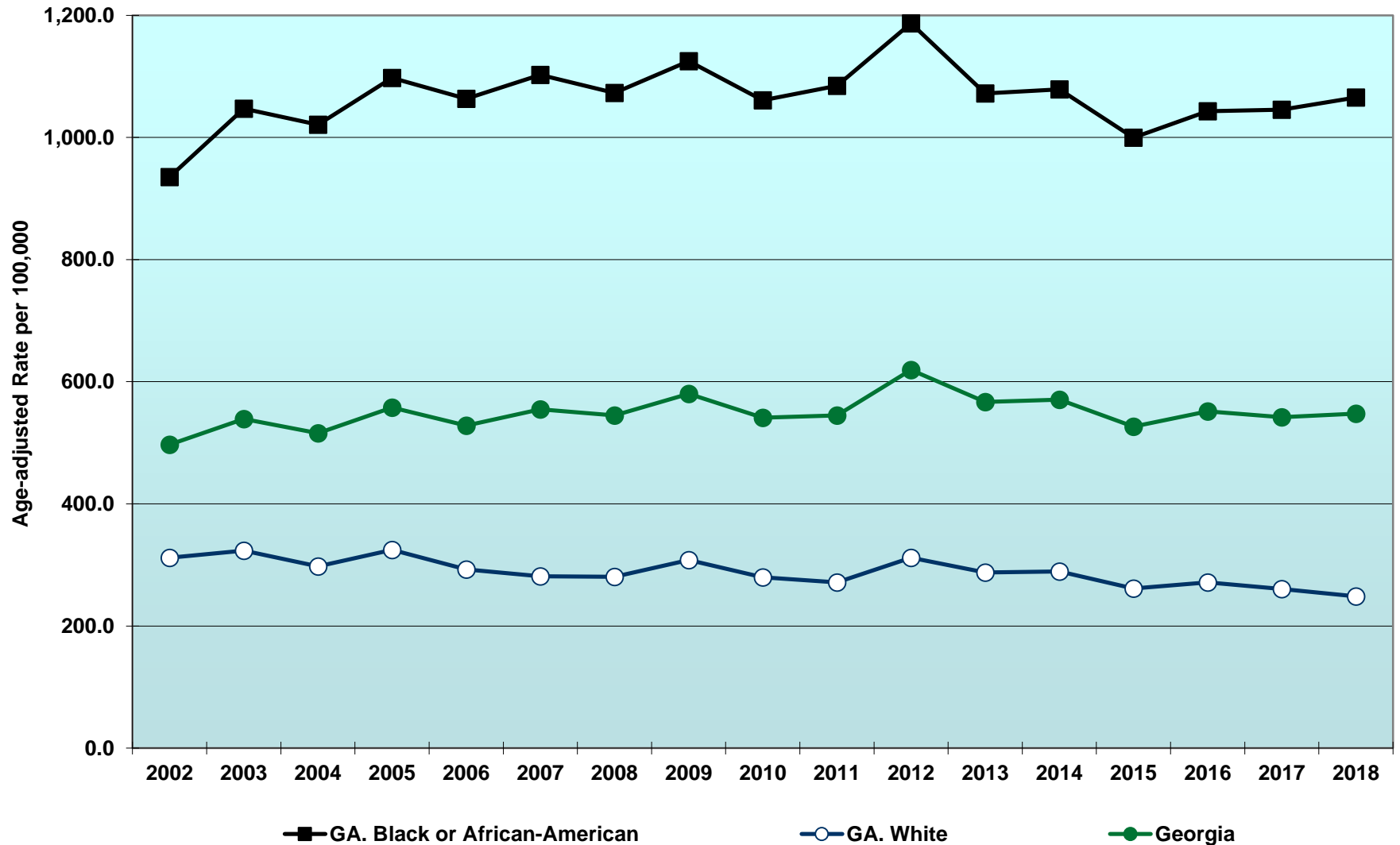


¹Age-Adjusted to the 2000 Standard Million.

Source: Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>



Age-Adjusted Asthma Emergency Room Visit Rates, Georgia, by Race, 2002-2018

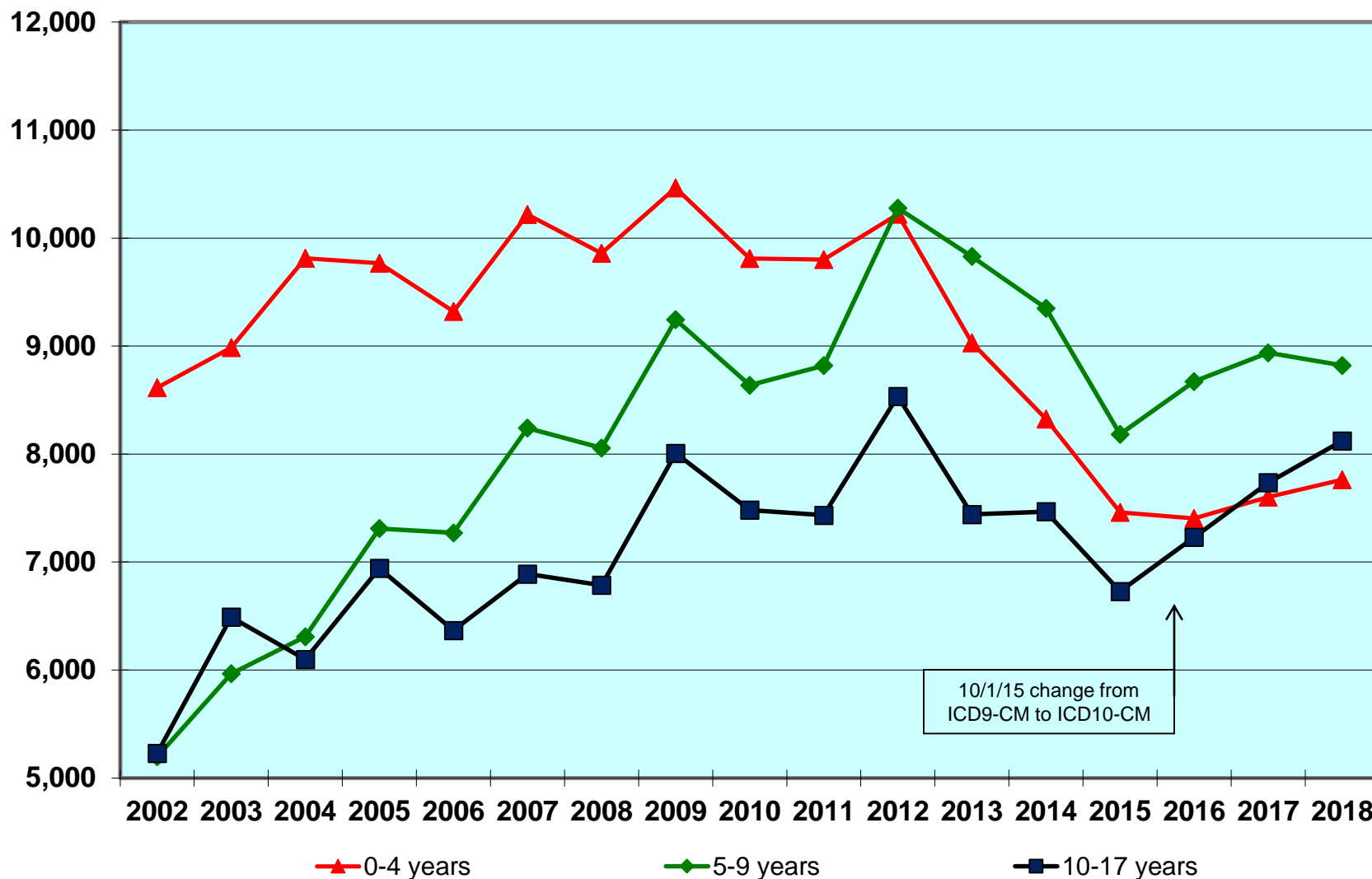


* Please note: the last quarter of 2015 reflect a switch from icd9 to icd10 codes. Trends may be affected.

¹Age-Adjusted to the 2000 Standard Million.

Source: Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Number of Asthma Emergency Room Visits, Georgia, by Age Group, Georgia, 2002-2018

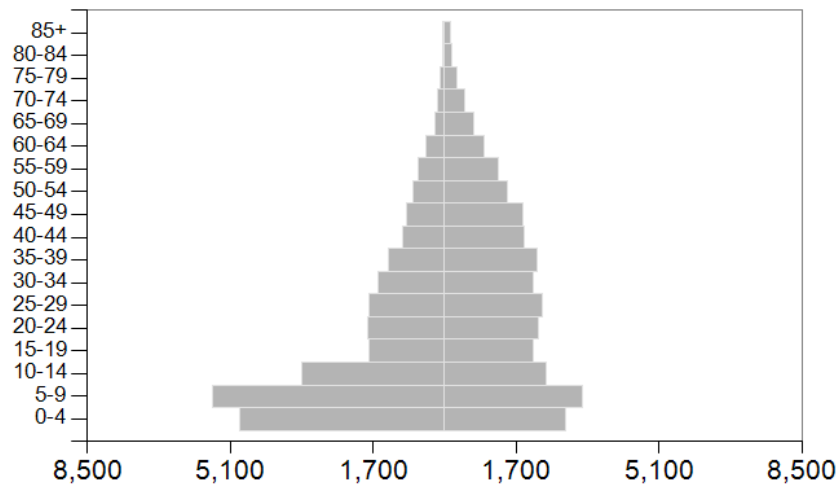


Source: Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

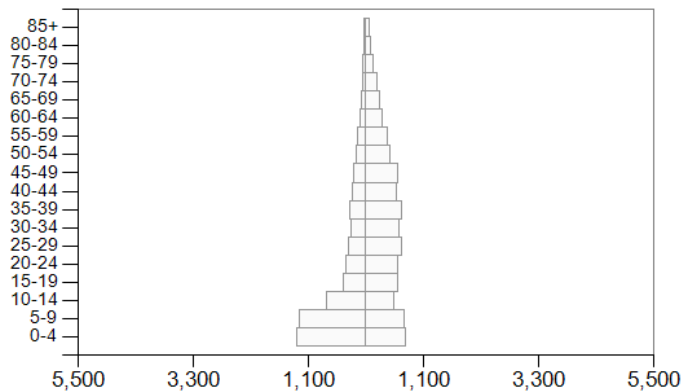
Number of Emergency Room Visits, Asthma, Total, White and Black or African-American

Georgia, 2018

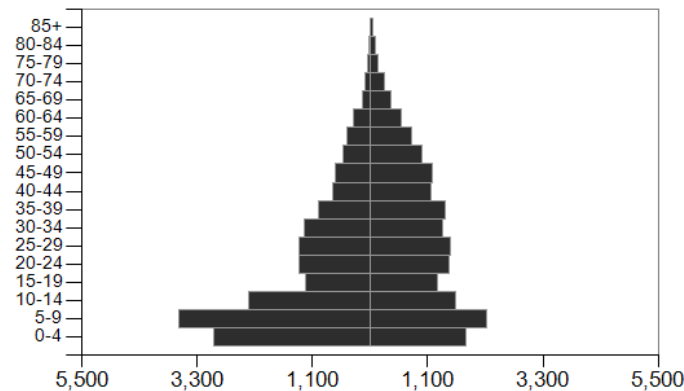
Male Total Female



Male White Female



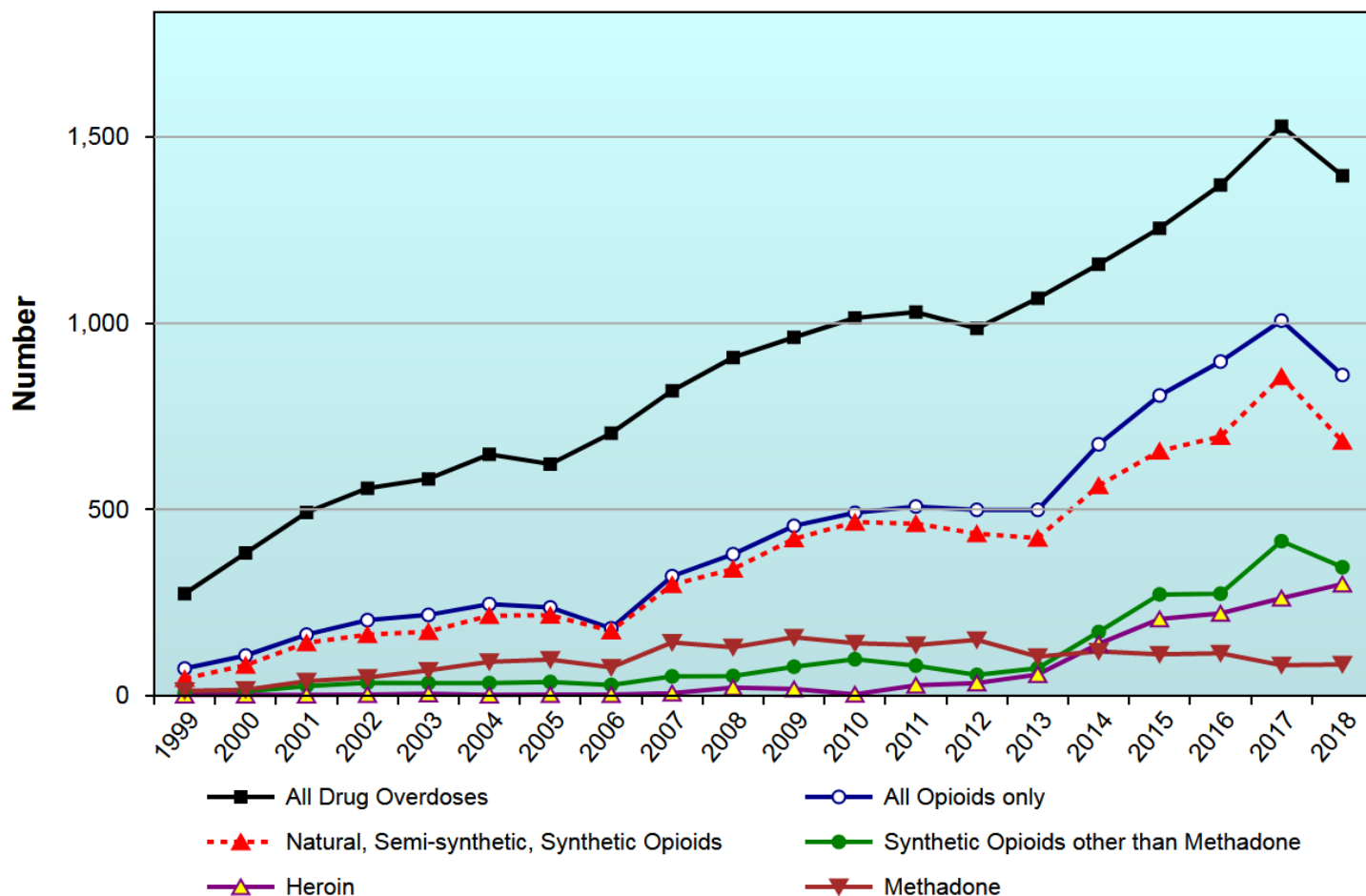
Male Black Female



External Causes

Drug Abuse / Suicide / Homicide

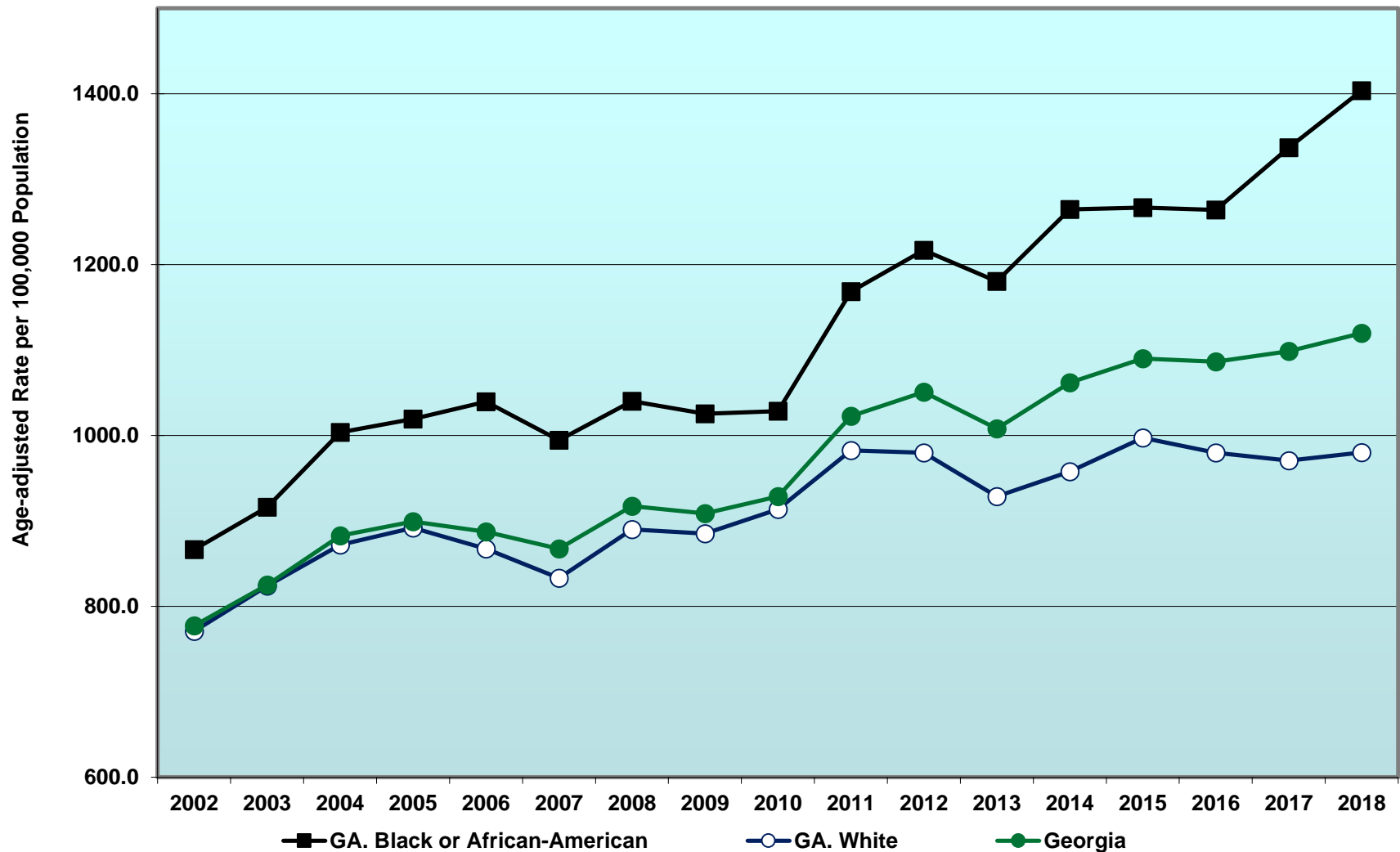
Deaths From Drug Overdoses, Georgia, 1999-2018



Note: "Natural, Semi-synthetic, Synthetic Opioids", "Synthetic Opioids other than Methadone", "Heroin", and "Methadone" are not mutually exclusive.

Source: OASIS. Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <https://oasis.state.ga.us>

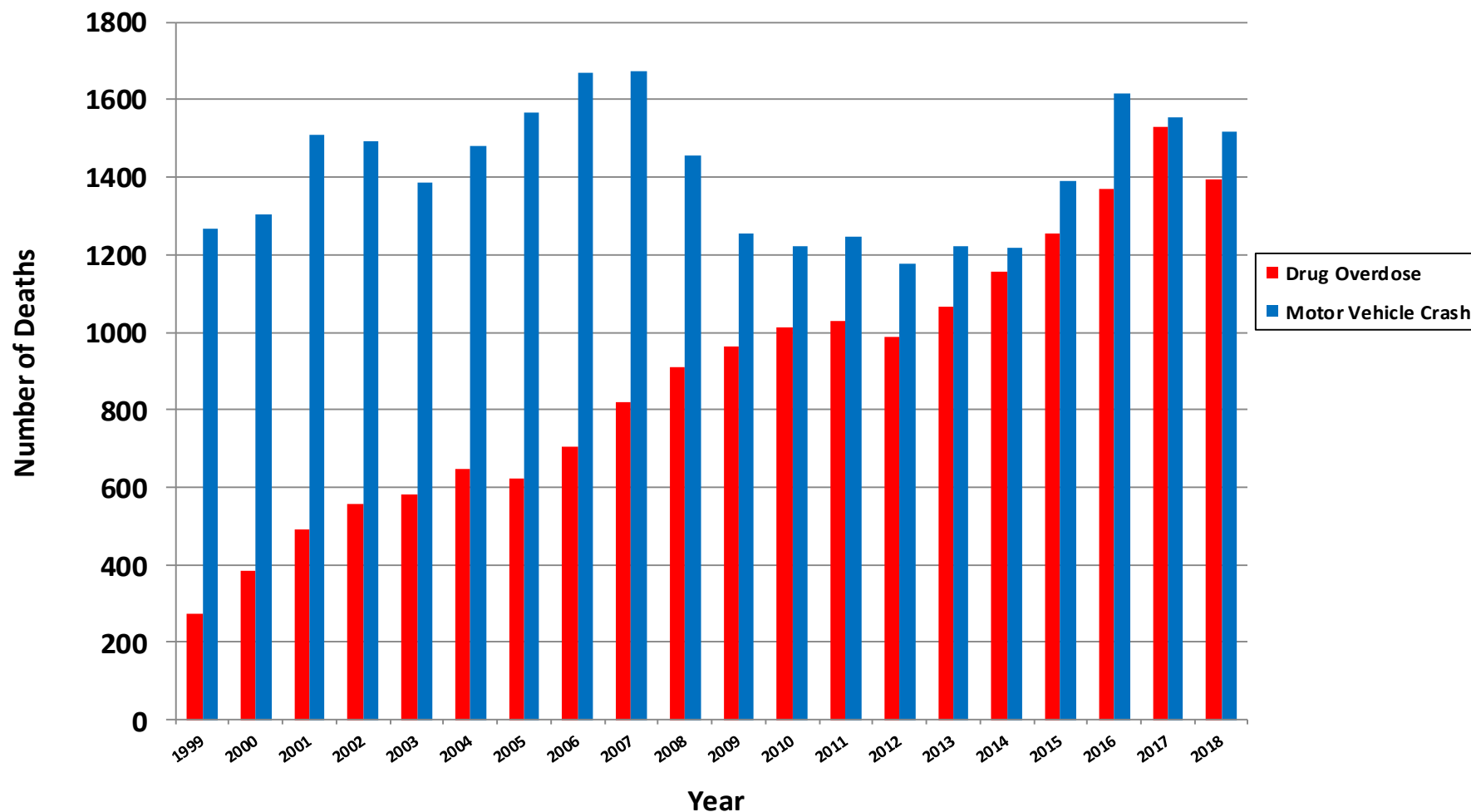
Age-Adjusted Emergency Room Visit Rate, Mental and Behavioral Conditions*, Total and by Race, Georgia, 2002-2018



¹Age-Adjusted to the 2000 Standard Million.
 *Includes drug withdrawal syndrome, alcohol withdrawal, drug-induced delirium, etc.
 Source: OASIS. Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us>



Deaths from Drug Overdoses and Motor Vehicle Crashes, Georgia Residents, 1999-2018

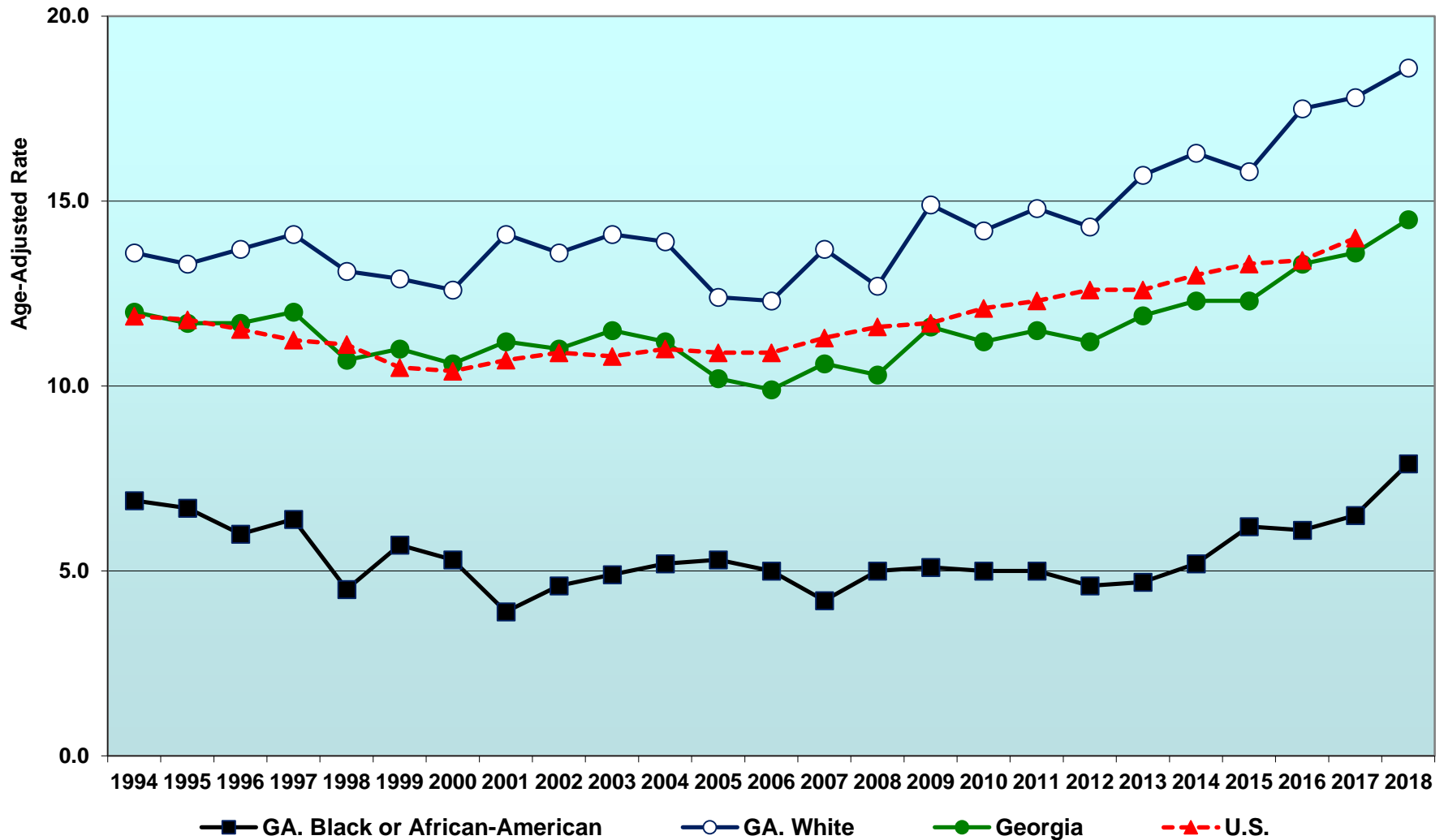


Drug Overdose uses underlying cause ICD-10 Codes X40-44, X60-64, X85, Y10-14.;

Motor Vehicle Crashes uses V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2.

Source: Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP), OASIS <https://oasis.state.ga.us>

Age-Adjusted Suicide Mortality Rates, Georgia and U.S., by Race, 1994-2018

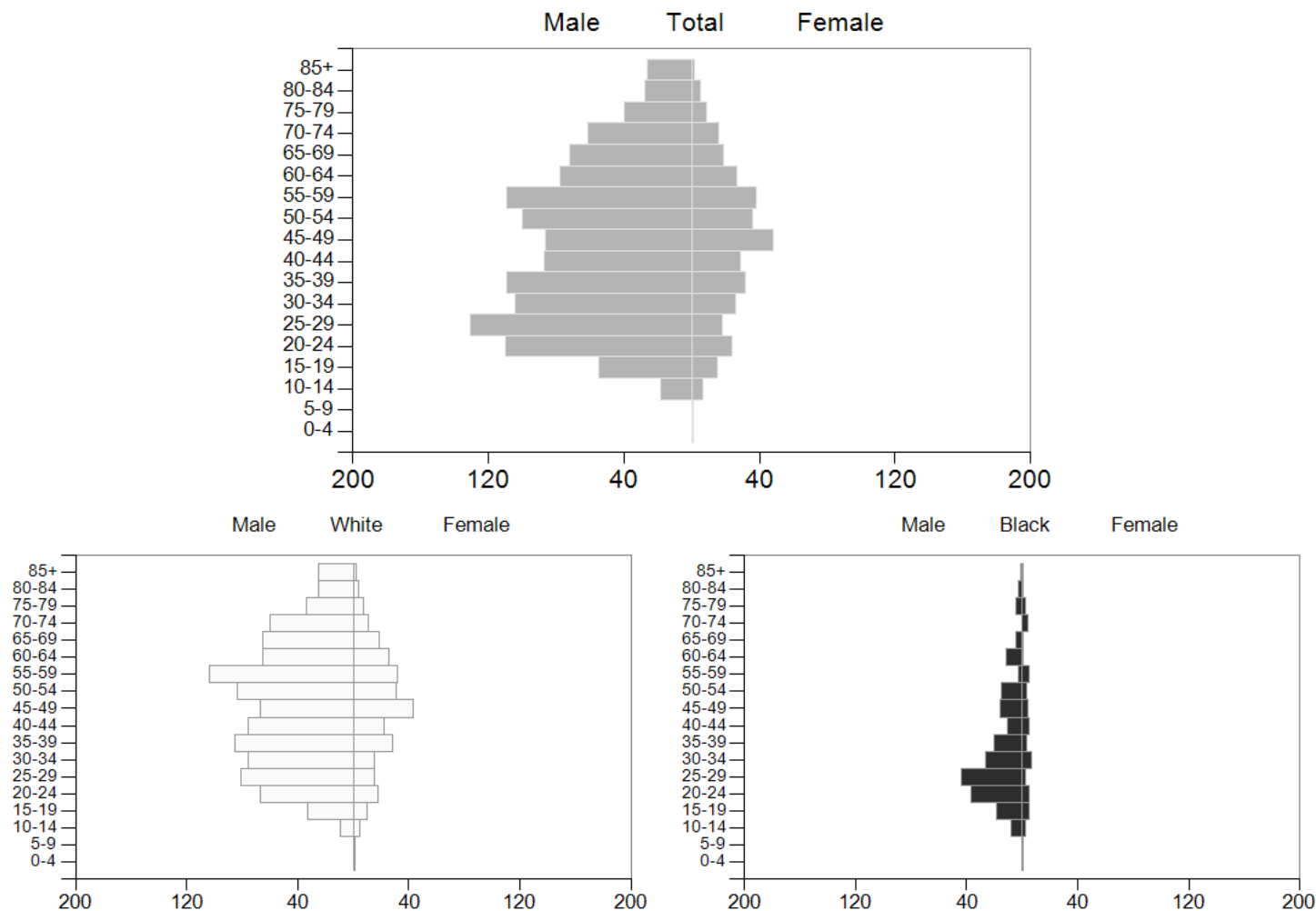


Healthy People 2010 Objective: 4.8
 Healthy People 2020 Objective: 10.2

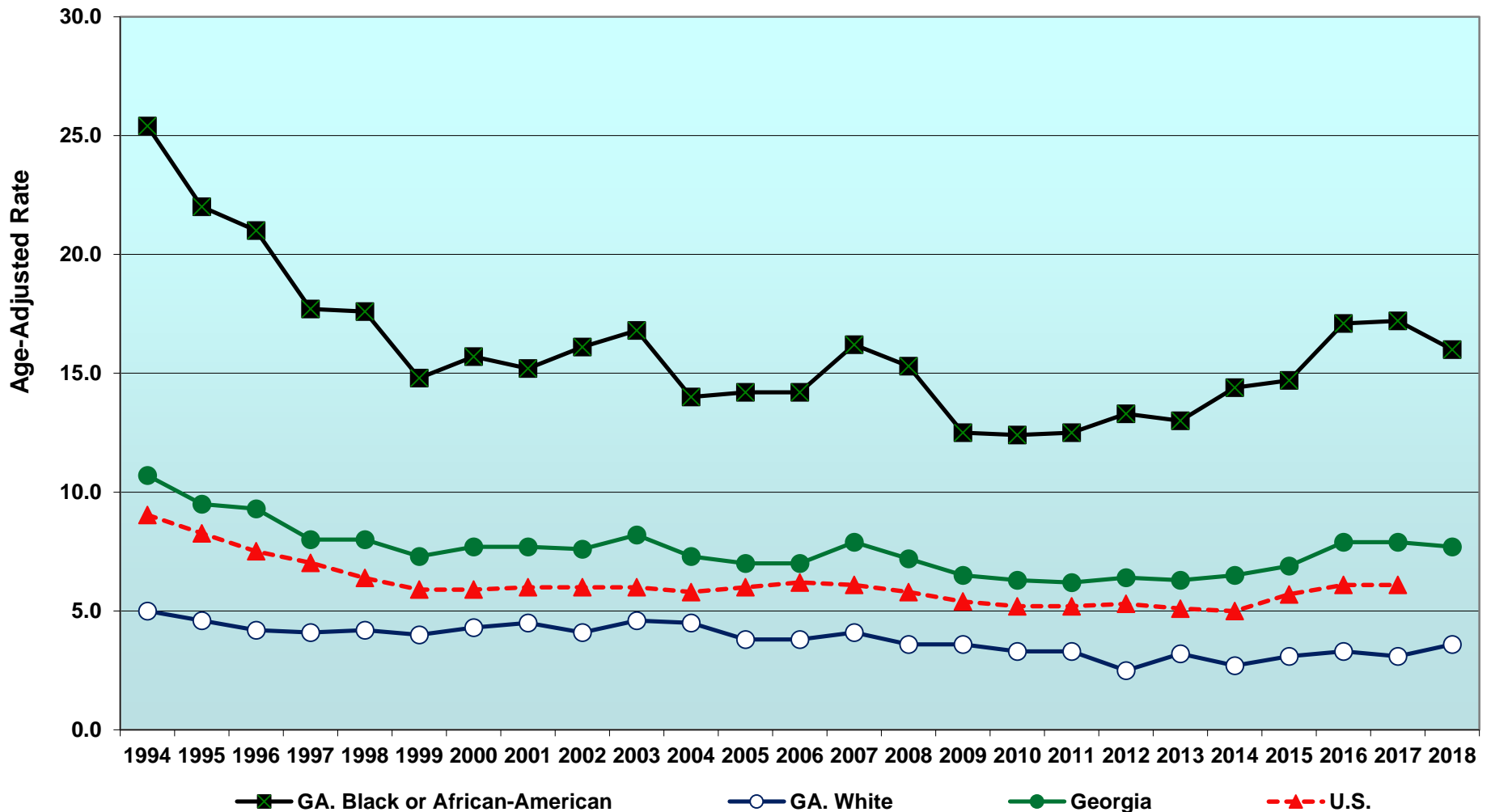
¹Age-Adjusted to the 2000 Standard Million. Suicide = ICD10 X60-X84, Y87.0 (ICD9 E950-E959)

Number of Deaths, Suicide, Total, White and Black or African-American

Georgia, 2018



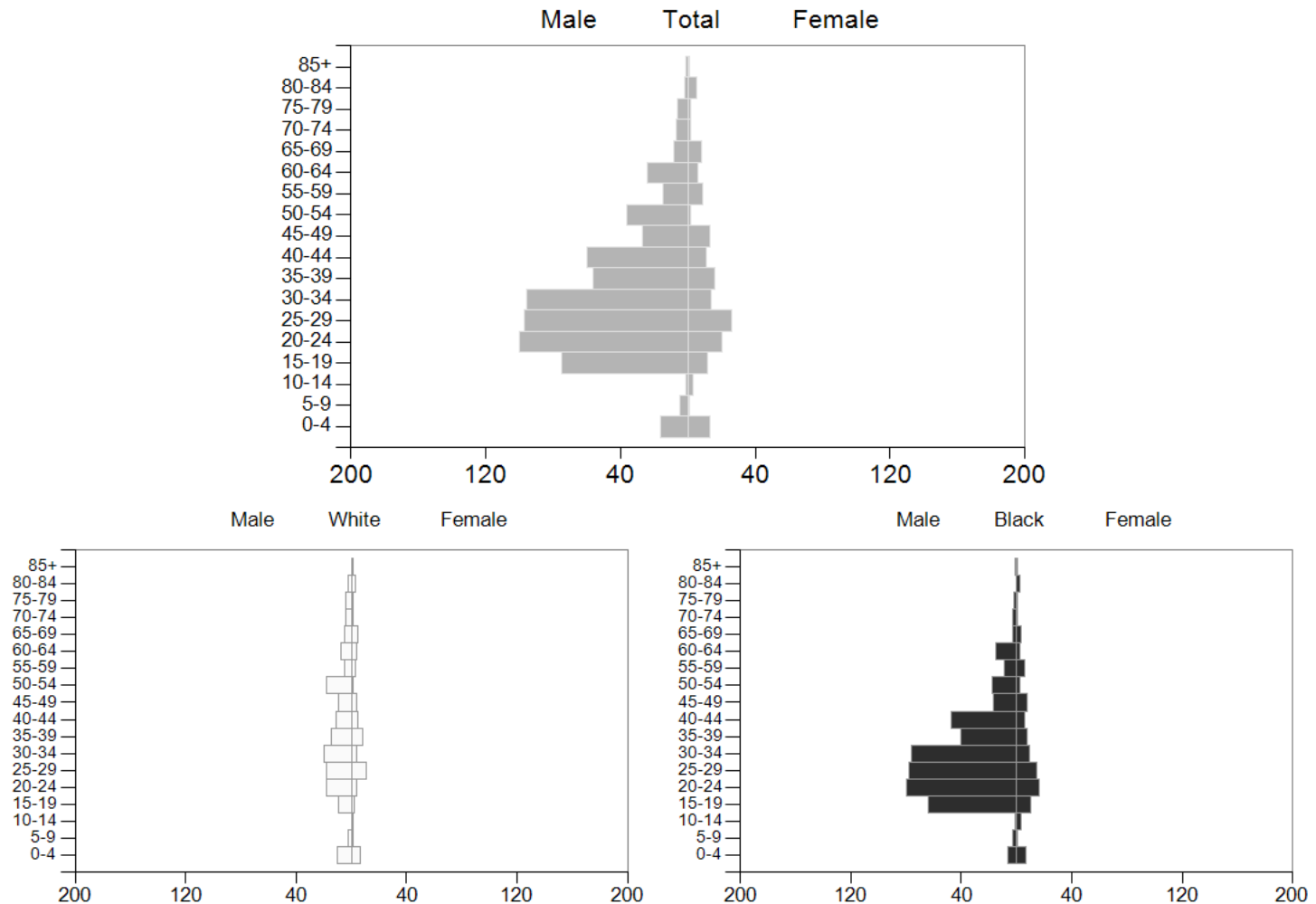
Age-Adjusted Homicide Mortality Rates, Georgia and U.S., by Race, 1994-2018



Healthy People 2010 Objective: 2.8
Healthy People 2020 Objective: 5.5

Number of Deaths, Homicide, Total, White and Black or African-American

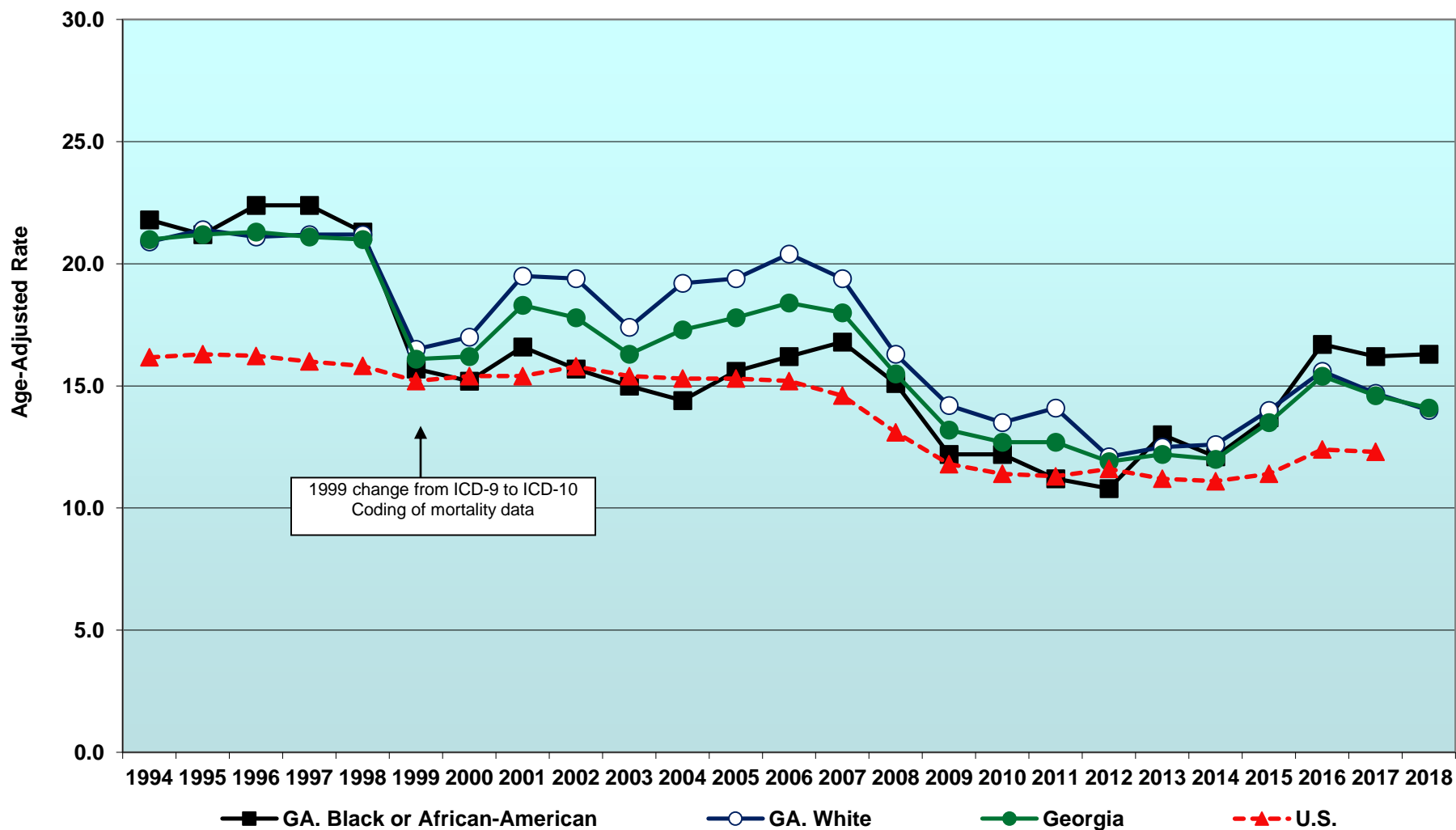
Georgia, 2018



External Causes

Injury

Age-Adjusted Motor Vehicle Crash Mortality Rates Georgia and U.S., by Race, 1994-2018

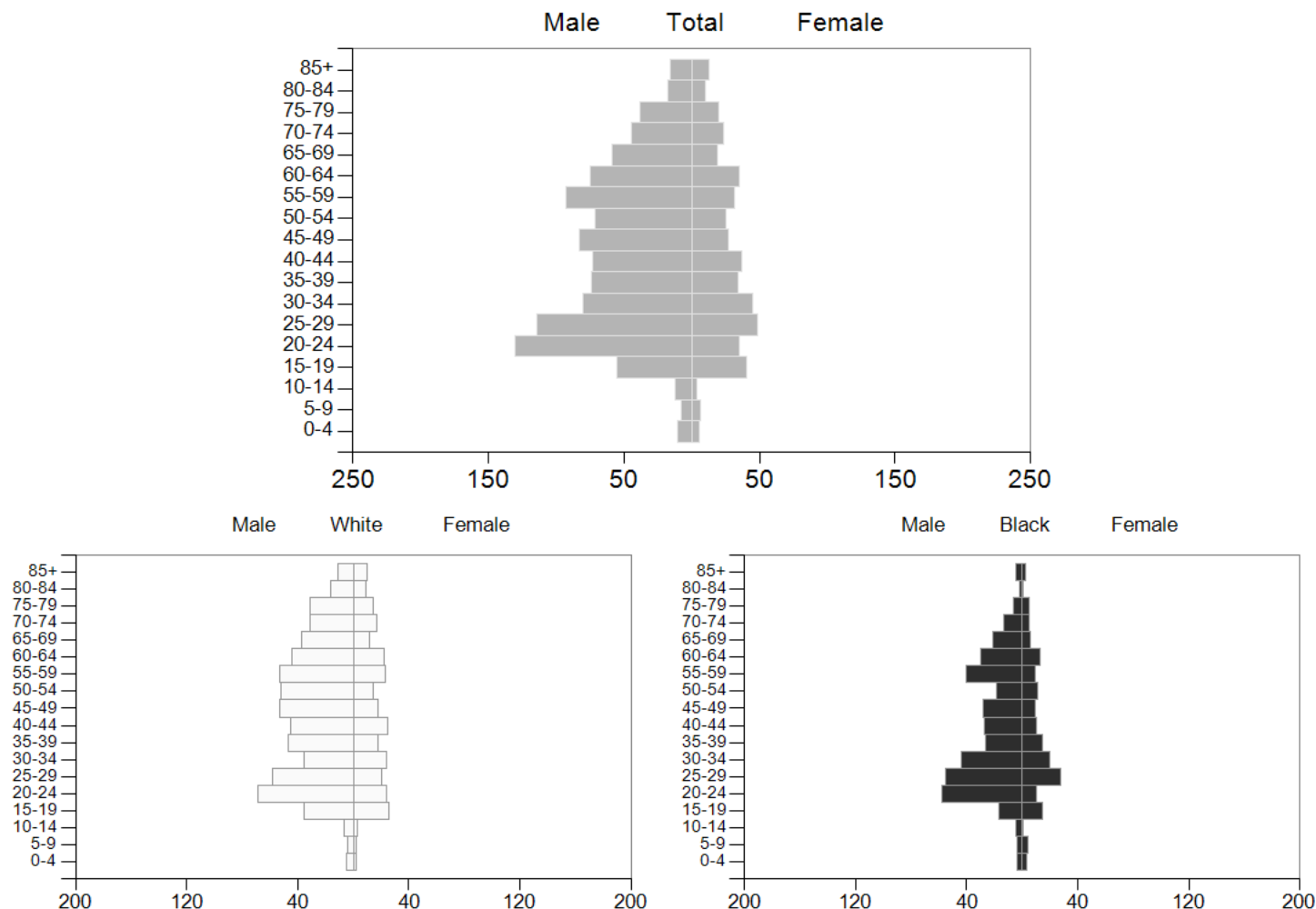


¹Age-Adjusted to the 2000 Standard Million.

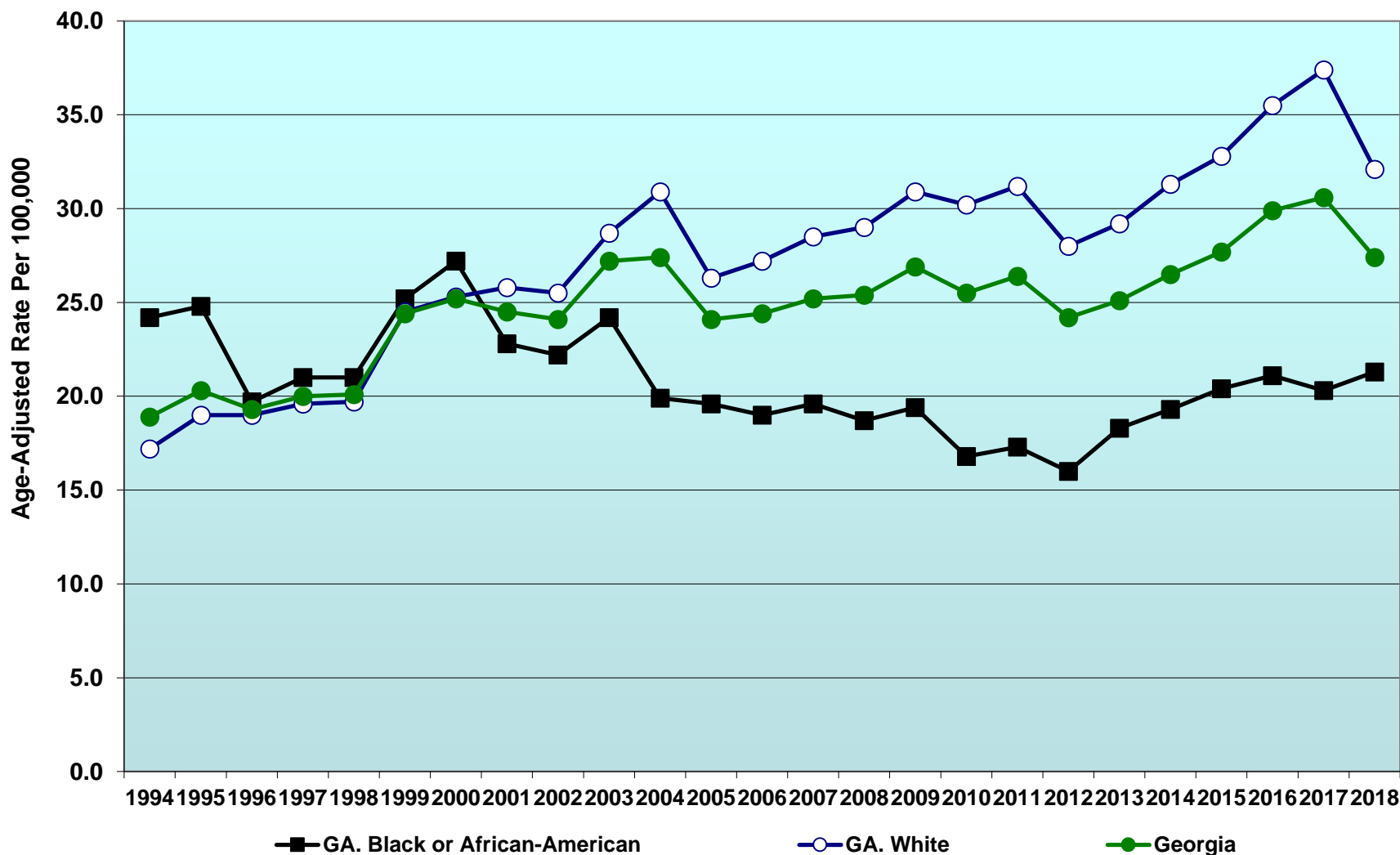
Sources: Centers for Disease Control & Prevention, CDC WISQARS, <http://www.cdc.gov/injury/wisqars/>
Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Number of Deaths, Motor Vehicle Crashes (MVC), Total, White and Black or African-American

Georgia, 2018



Age-Adjusted All Other* Unintentional Injury Mortality Rates, Total and by Race, Georgia, 1994-2018



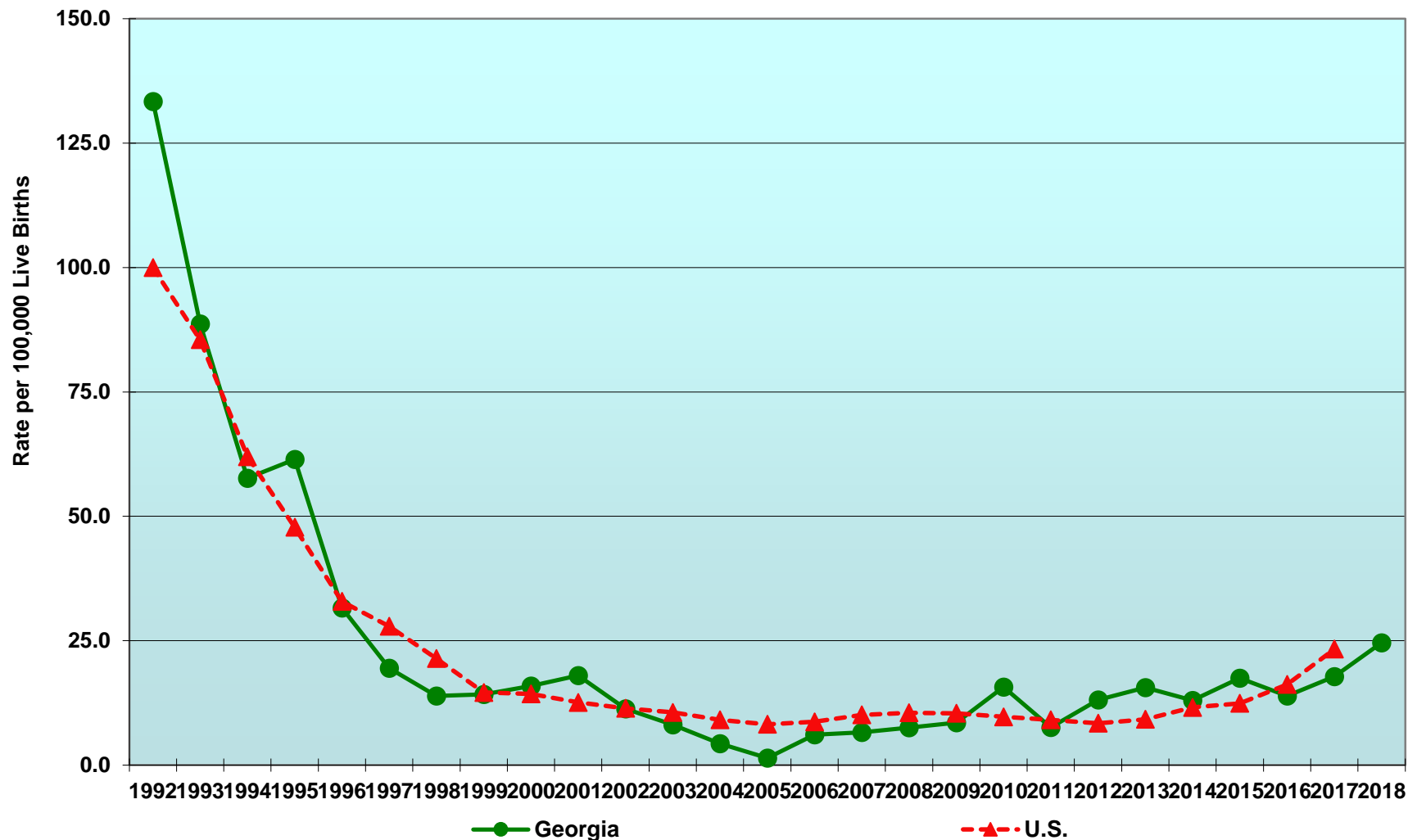
* Falls, Accidental Shooting, Drowning, Fire and Smoke Exposure, Poisoning (incl. some drug overdoses), Suffocation, All Other Unintentional Injuries .

¹Age-Adjusted to the 2000 Standard Million.

Source: OASIS. Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us>

Sexually Transmitted Infections and Related Disease

Rate of Newly Diagnosed Cases of Congenital Syphilis, Georgia and U.S., 1992-2018

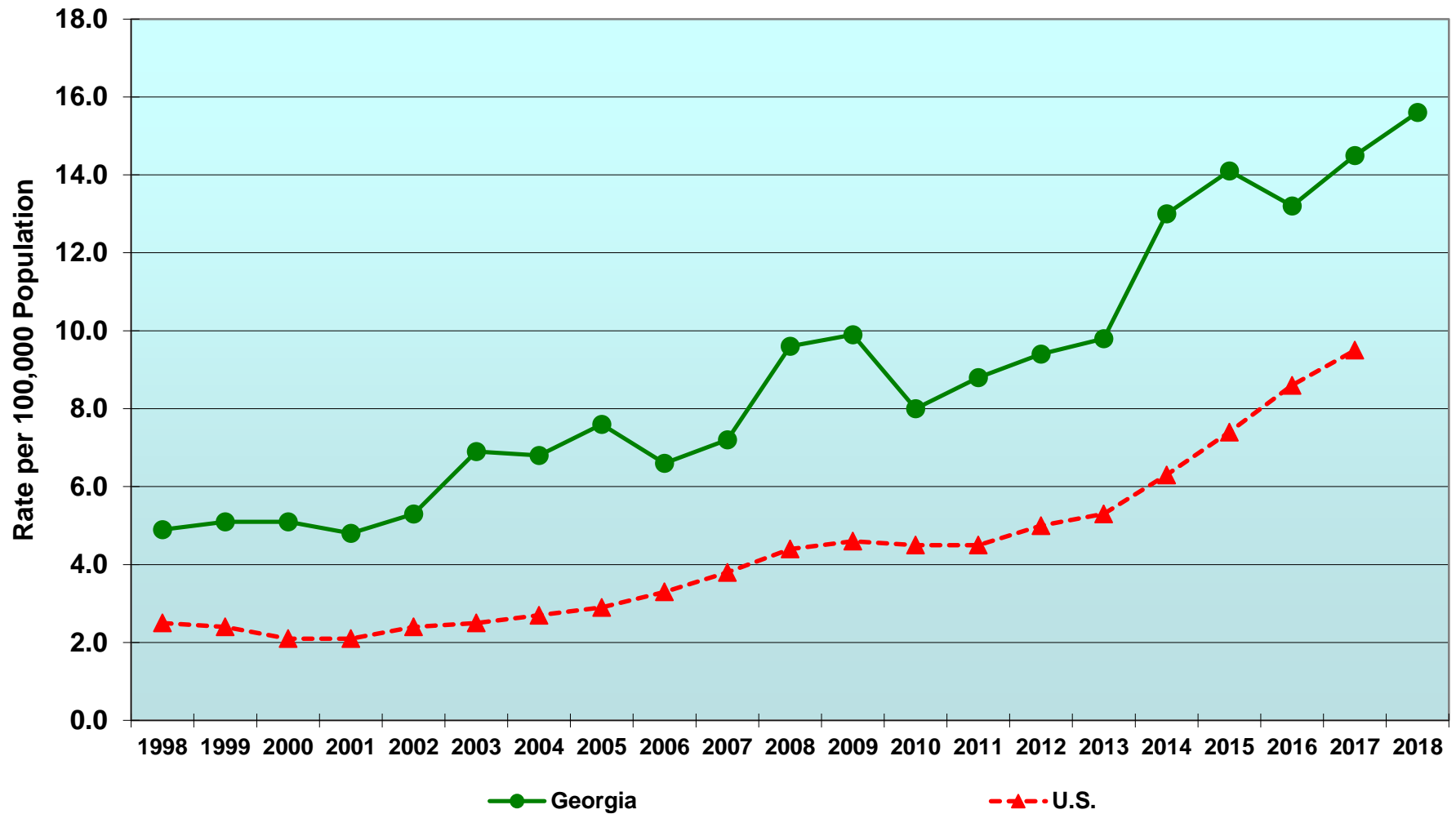


Healthy People 2010 Objective: 1.0
Healthy People 2020 Objective 9.6

Source: Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

<https://www.cdc.gov/std/stats17/syphilis.htm> <https://www.cdc.gov/std/stats17/tables/1.htm>

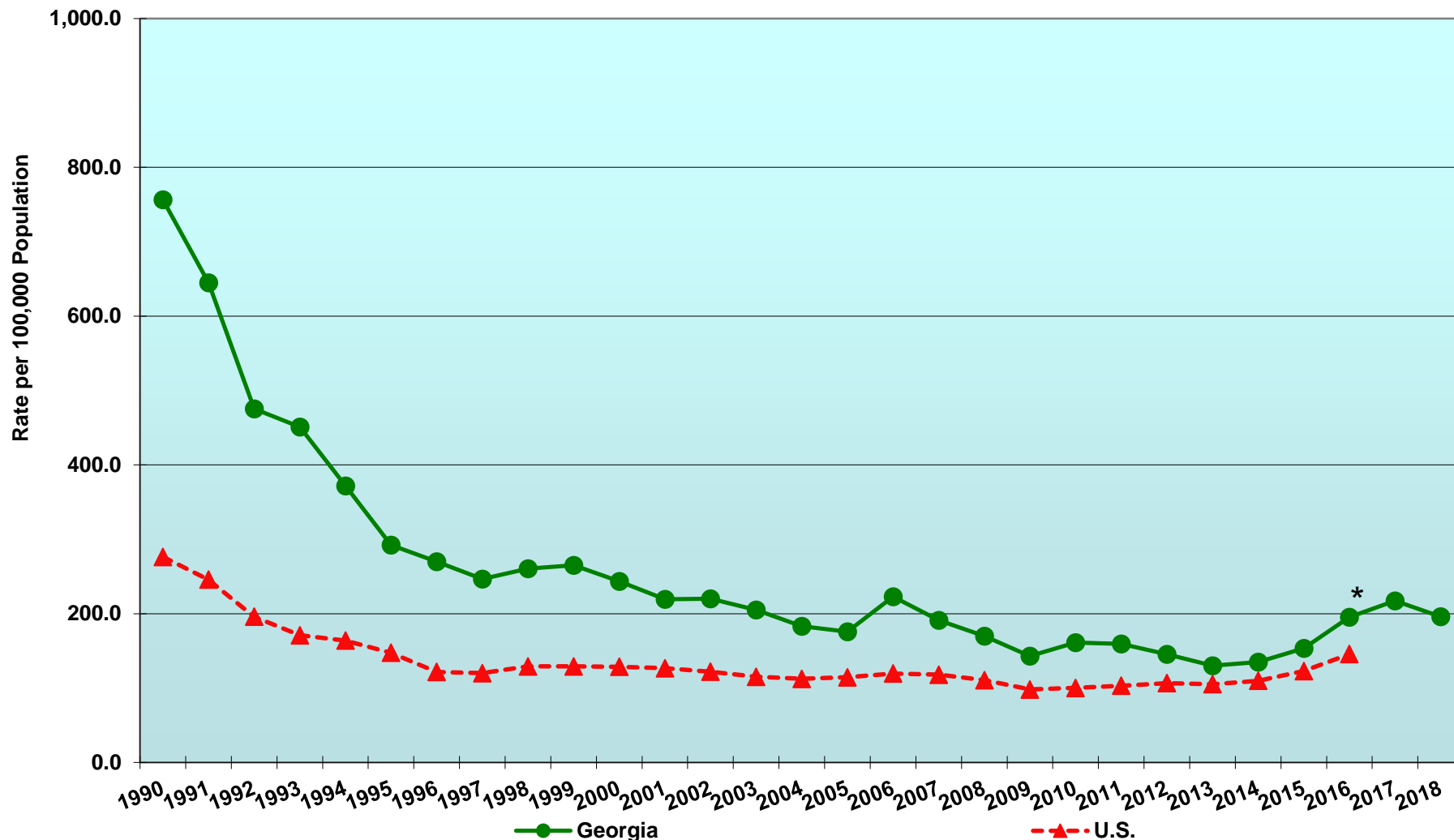
Crude Rate of Primary and Secondary Syphilis Cases, Georgia and U.S., 1998-2018



•Online Analytical Statistical Information System (OASIS), Sexually Transmitted Disease, Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

•<https://www.cdc.gov/std/stats17/syphilis.htm> <https://www.cdc.gov/std/stats17/tables/1.htm>

Crude Rate of Newly Diagnosed Cases of Gonorrhea Georgia and U.S., 1990-2018

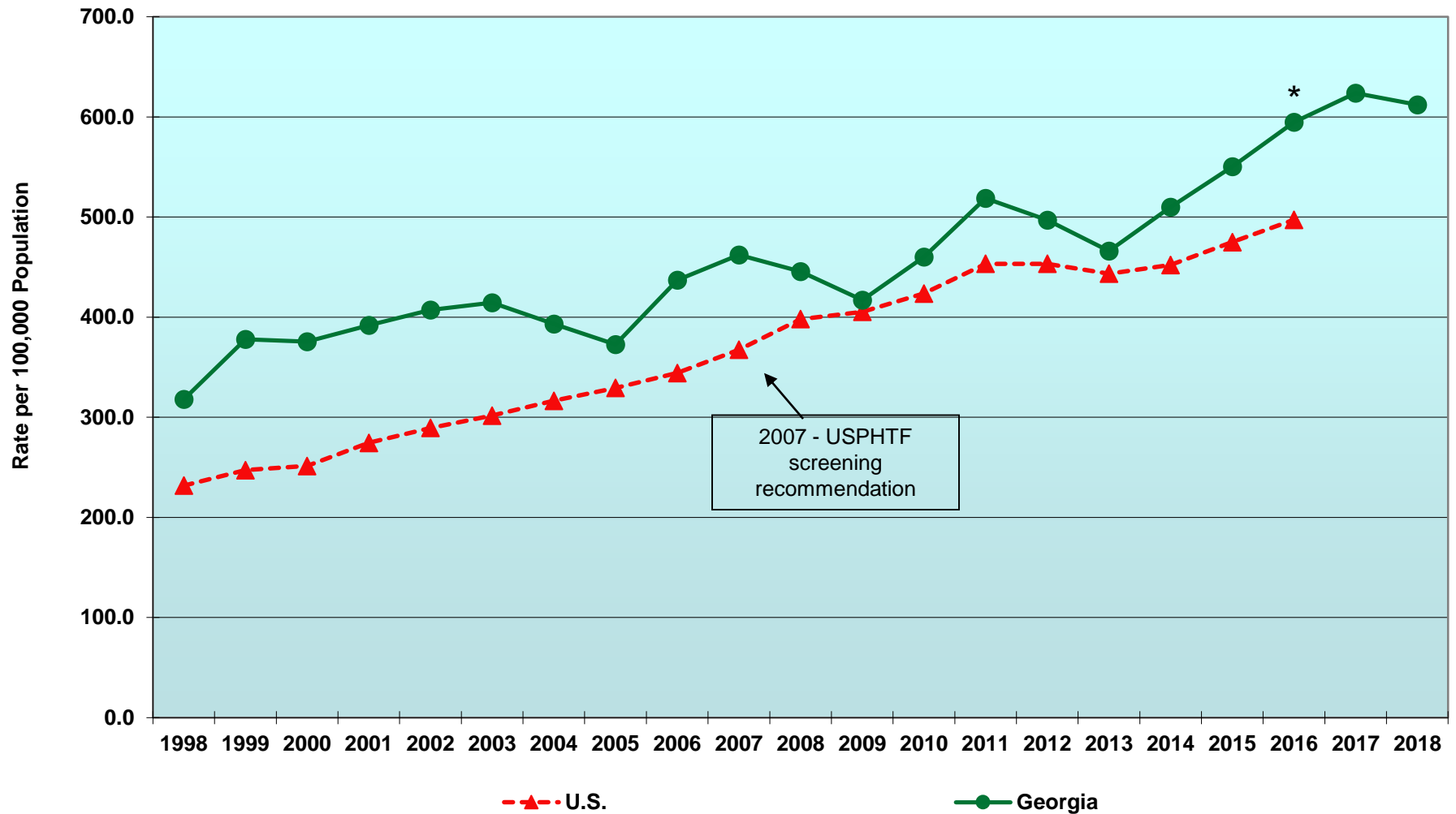


*Note: Data for 1994 are not available, rates presented are estimates.

* Grady Memorial Hospital started submitting gonorrhea data in 2016

Source: Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

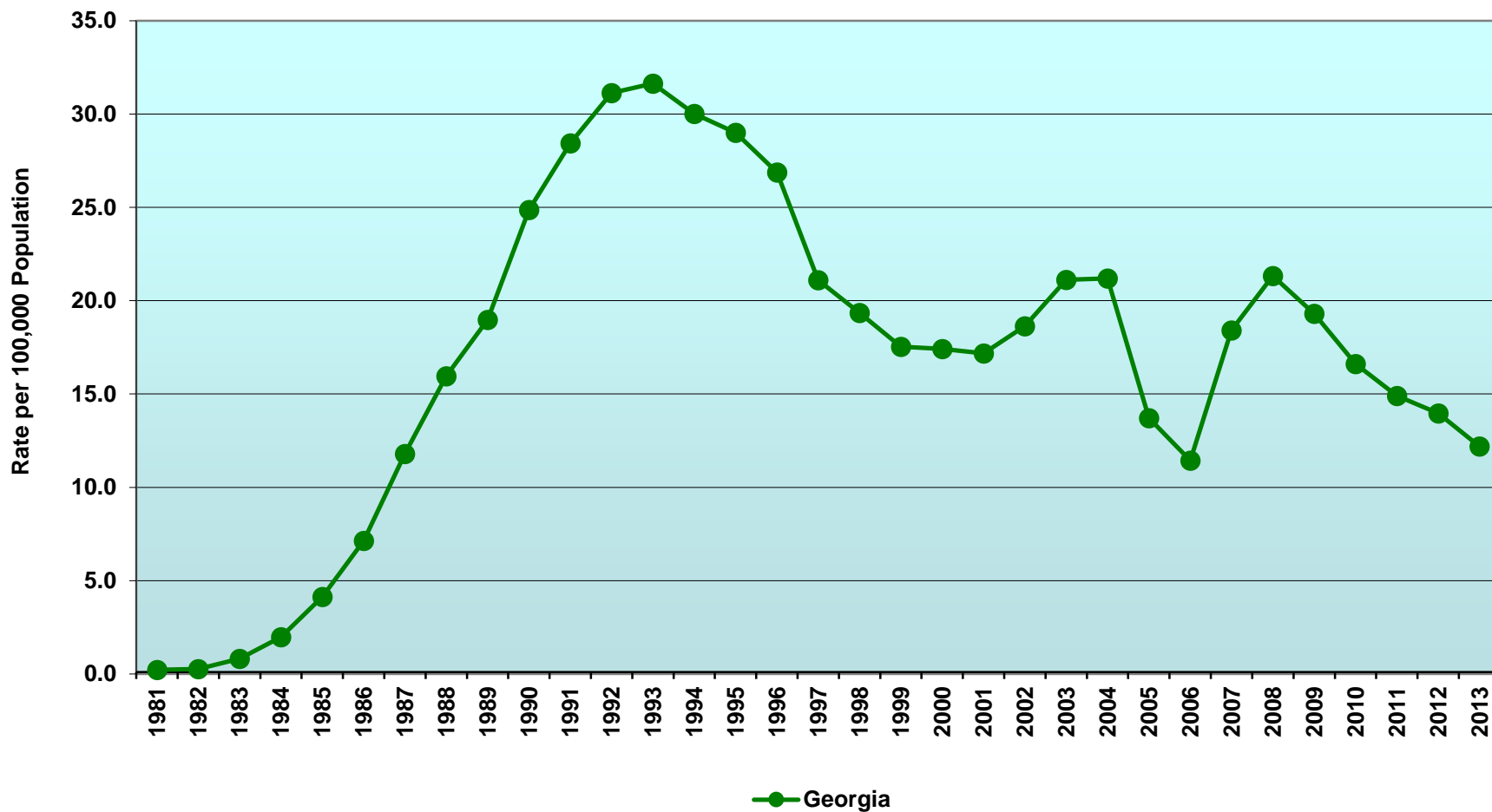
Crude Rate of Chlamydia Cases in Georgia and U.S., 1998-2018



* Grady Memorial Hospital started submitting gonorrhea and chlamydia data in 2016

•Online Analytical Statistical Information System (OASIS), Sexually Transmitted Disease, Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). (accessed 11/10/2016) <http://oasis.state.ga.us/>

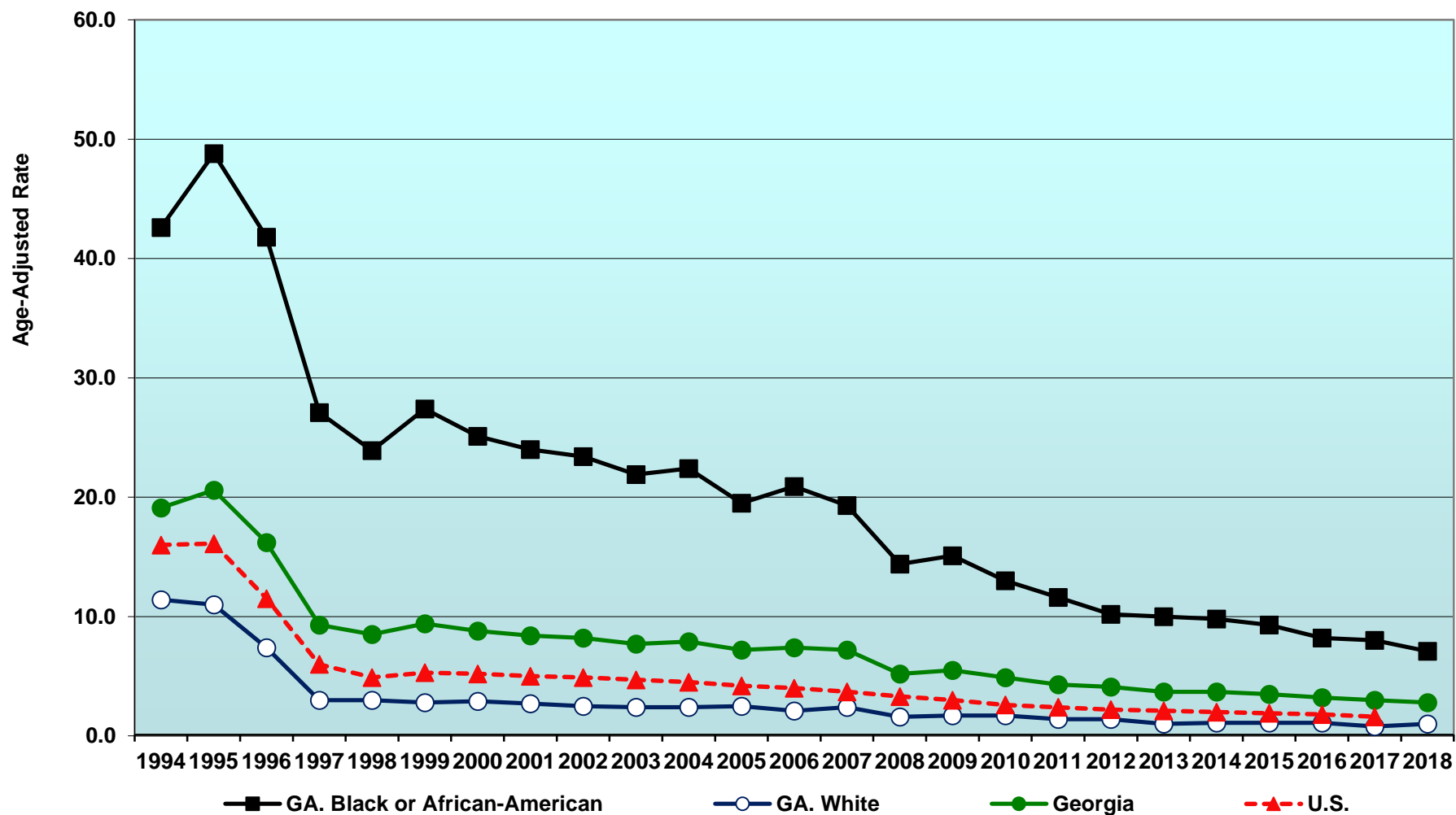
Rate of Newly Diagnosed AIDS Cases, Georgia, 1981-2013



NOTE: Mandated reporting began in 1985

Source: Georgia Department of Public Health, AIDS Surveillance Program

Age-Adjusted Mortality Rate HIV/AIDS, Georgia and U.S., by Race, 1994-2018

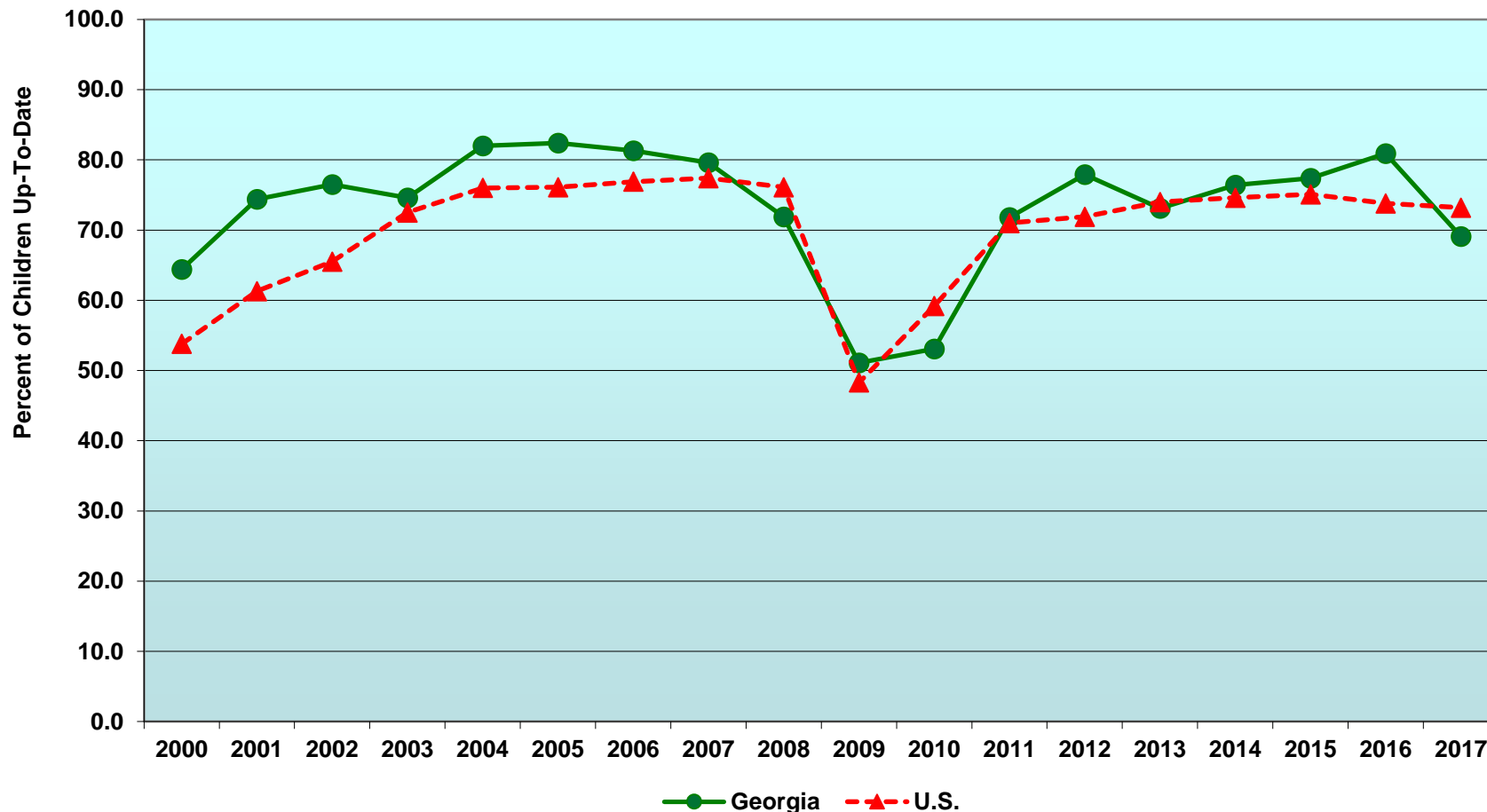


¹Age-Adjusted to the 2000 Standard Million. HIV/AIDS = ICD10 B20.0-B24 (ICD9 042-044)

Sources: Centers for Disease Control & Prevention, CDC WONDER, <http://wonder.cdc.gov/>
Online Analytical Statistical Information System (OASIS). Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP). <http://oasis.state.ga.us/>

Immunization

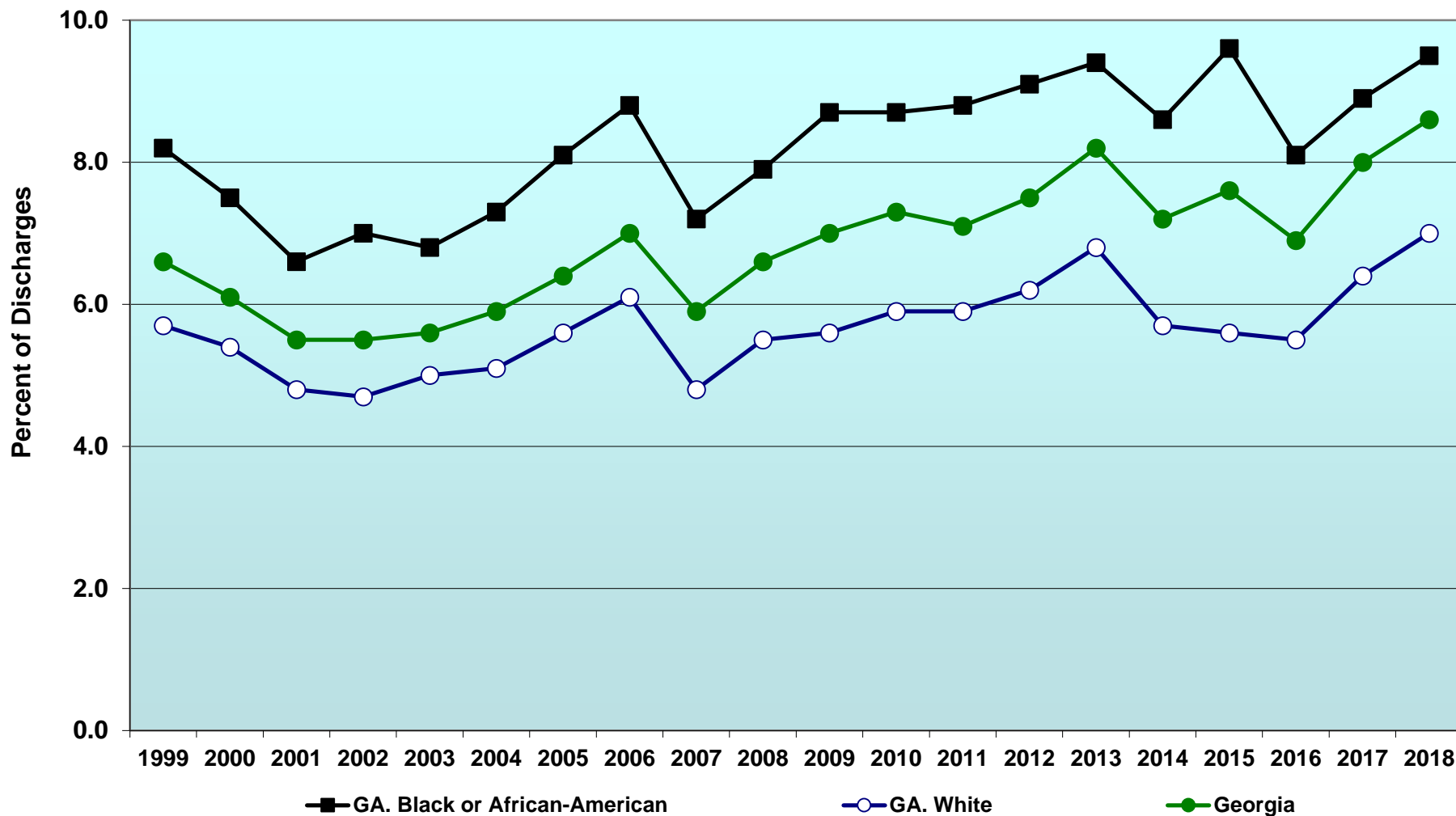
Immunization Coverage Combined 6 Vaccine Series (4:3:1:3:3:1), Among Children 19-35 Months of Age, Georgia and U.S., 2000-2017



Vaccine	DTaP	Polio	MMR	HIB	Hep. B	Varicella
Recommended Doses	≥4	≥3	≥1	3	≥3	≥1

Health Services Access

Percent of Hospital Discharges that were Self-Pay, Total and by Race, Georgia, 1999-2018

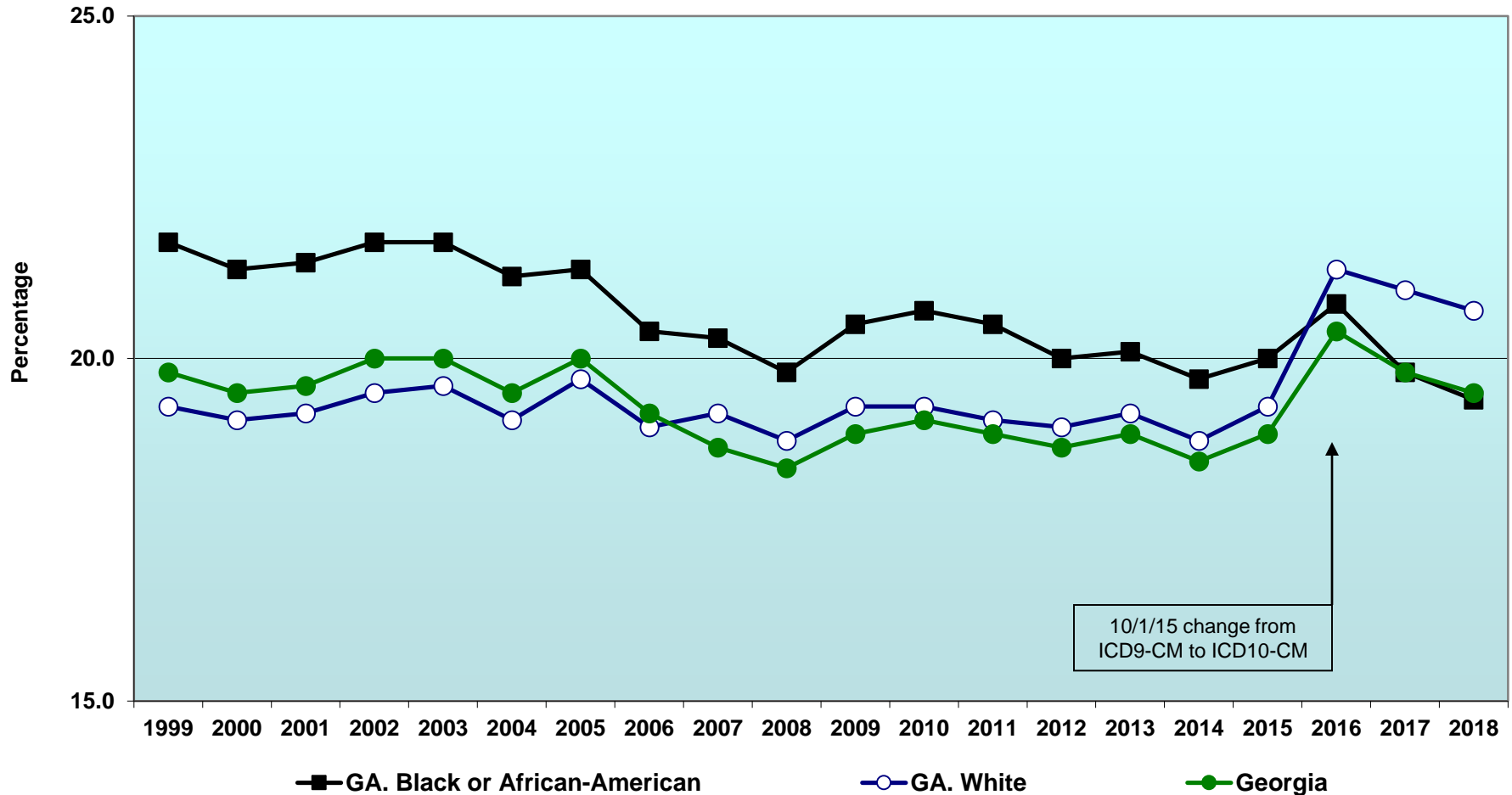


Definition: The total number of dischargers where Primary Payor was "self-pay" per 100 total discharges.

Source: Georgia Department of Public Health, Office of Health Indicators for Planning (OHIP).



Percent of Hospitalizations that were Avoidable*, Total and by Race, Georgia, 1999-2018



*Ambulatory Care Sensitive Conditions (ACSC): Conditions that respond to timely and effective care in the outpatient (ambulatory) setting. ACSC's are used as Prevention Quality Indicators, and can assist in evaluating quality or use of primary health care.

*Prepared by the Office of Health Indicators for Planning (OHIP),
Georgia Department of Public Health.*

*Many health indicators used in this report reside in the Department's Health Information Repository,
and can be accessed online via the Online Analytical Statistical Information System (OASIS):*

<http://oasis.state.ga.us>

Please direct questions to ohip@dph.ga.gov

Healthy People information can be found online at <http://www.healthypeople.gov>

Updated 1.30.13 with Intercensal Population Estimates.

Updated with race imputation in Birth data 1.11.17

v18.3