CONNECTICUT
State Health Assessment

Preliminary Findings

January 31, 2013

Connecticut Department of Public Health

DPH

Connecticut State Health Assessment: Preliminary Findings

Prepared for the Kick-off Meeting of the
Connecticut Health Improvement Planning Coalition

January 31, 2013

(Rev. 2/4/13)

Acknowledgement of Funding Source:

This report was supported by funds made available from the Centers for Disease Control and Prevention, Office for State, Tribal, Local, and Territorial Support, under Grant No. 5U58CD001324-03

Disclaimer:

The content of this document does not necessarily represent the official position of or endorsement by the Centers for Disease Control and Prevention.

CONTENTS

	Slide Number
Social Determinants of Health (Overview Slide))	2
Demographic Characteristics	3
Determinants of Health	13
Social and Economic	14
Environmental	22
Mortality and Hospitalization	28
Maternal, Infant, and Child Health	38
Chronic Disease Prevention and Control	50
Mental Health, Alcohol, and Substance Abuse	82
Injury and Violence Prevention	93
Infectious Disease Prevention and Control	104
Health Systems	123

Connecticut State Health Assessment: *Preliminary Findings*

Lisa Wolff, ScD

Director, Research and Evaluation

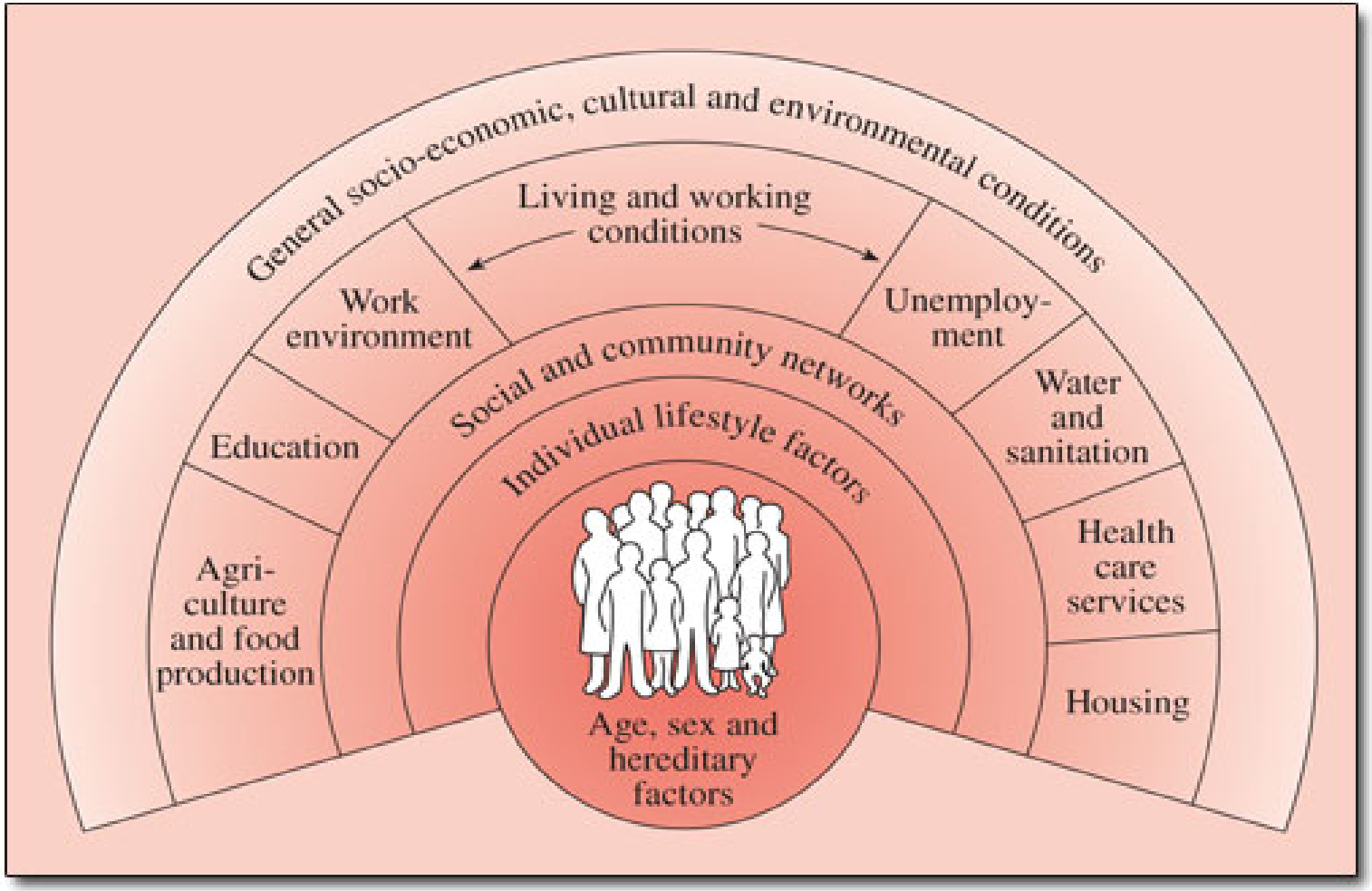
Health Resources in Action, Inc.

CONNECTICUT HEALTH IMPROVEMENT PLANNING COALITION

KICK-OFF MEETING

January 31, 2013

Social Determinants of Health



Source: World Health Organization, Commission on the Social Determinants of Health, Towards a Conceptual Framework for Analysis and Action on the Social Determinants of Health: Discussion paper for the Commission on Social Determinants of Health, 2005.

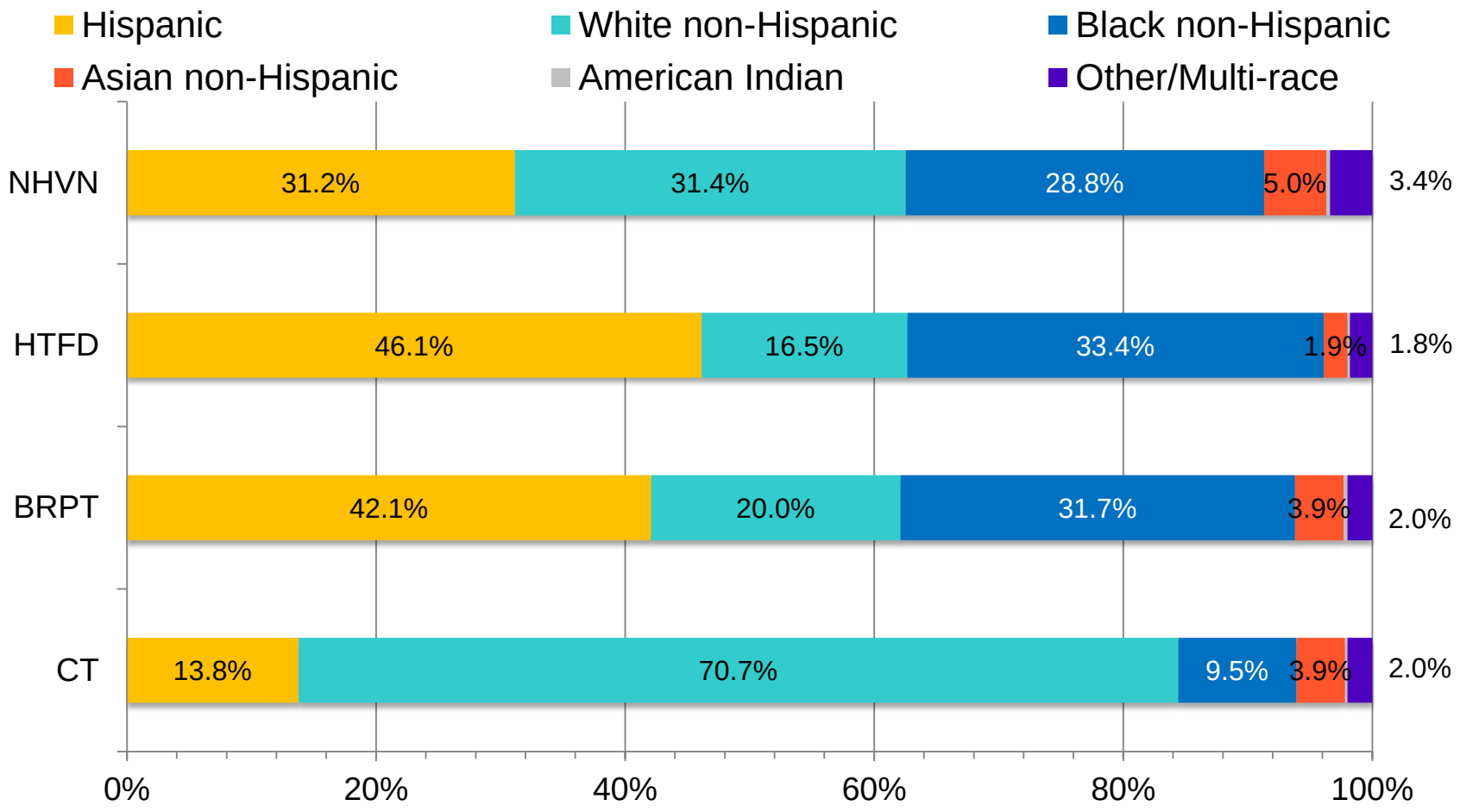
DEMOGRAPHIC CHARACTERISTICS

Changes in Population Characteristics, Connecticut, 2000 and 2010

	Connecticut		Change 2000-2010
	2000	2010	
Population	3,405,565	3,574,097	**+4.9%**
Median age	37.4 yrs	40.0 yrs	**+2.6 yrs**
65+ yrs of age	13.8%	14.2%	+36,376 **(+7.7%)**
Race/ethnicity			
White only	81.6%	77.6%	-7,945 **(-0.3%)**
Black/Afr. Am. only	9.1%	10.1%	+52,653 **(+17%)**
Asian only	2.4%	3.8%	+53,252 **(+65%)**
American Indian only	0.3%	0.3%	+9,637 **(+17%)**
Other/2+ races	6.6%	8.20	+69,155 **(+31%)**
Hispanic any race	9.4%	13.4%	+158,764 **(+50%)**

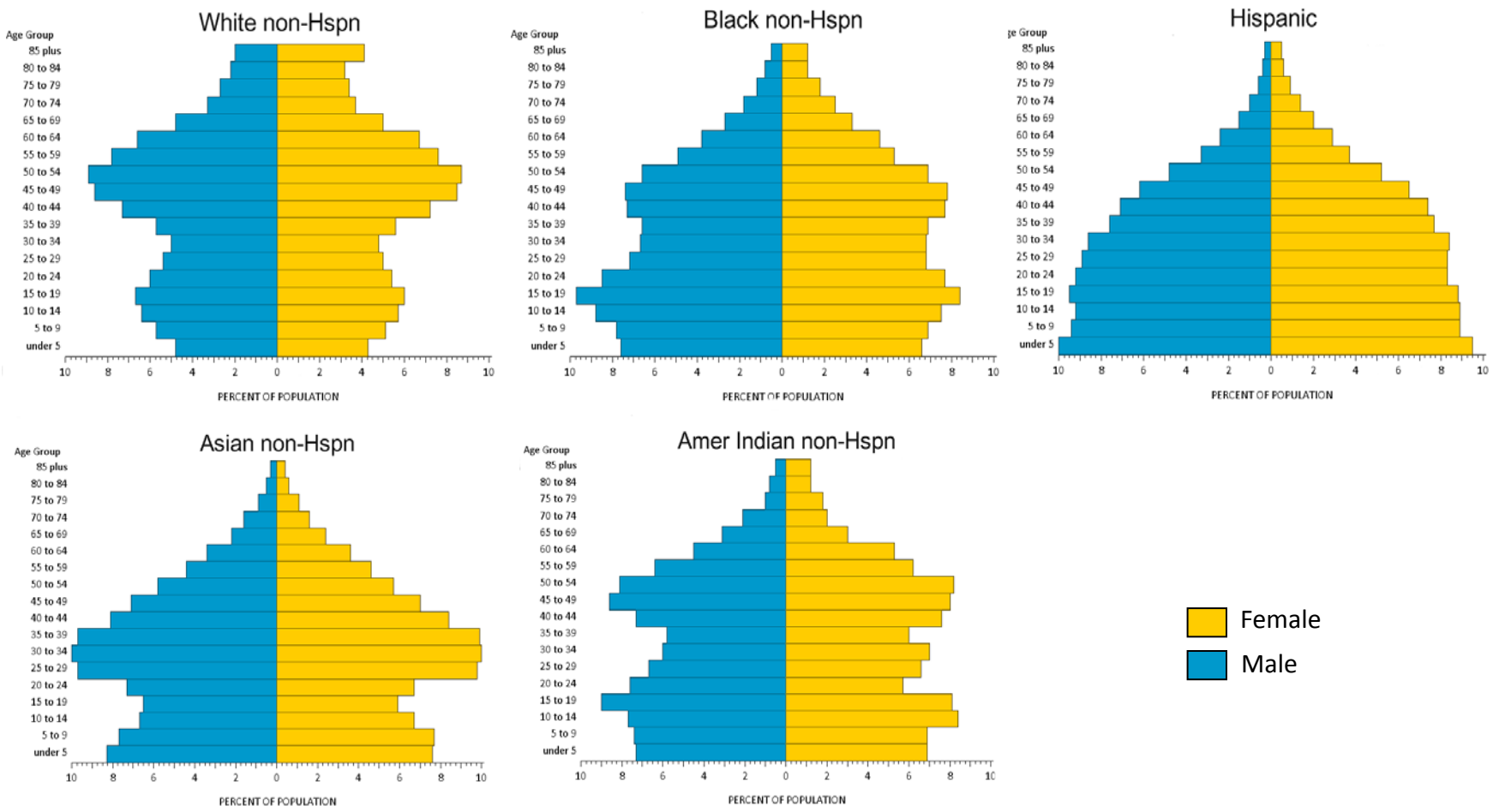
U.S. Census Bureau, 2000 and 2010 Census

Percent of Population by Race/Ethnicity, Connecticut and Its Largest Towns, 2011



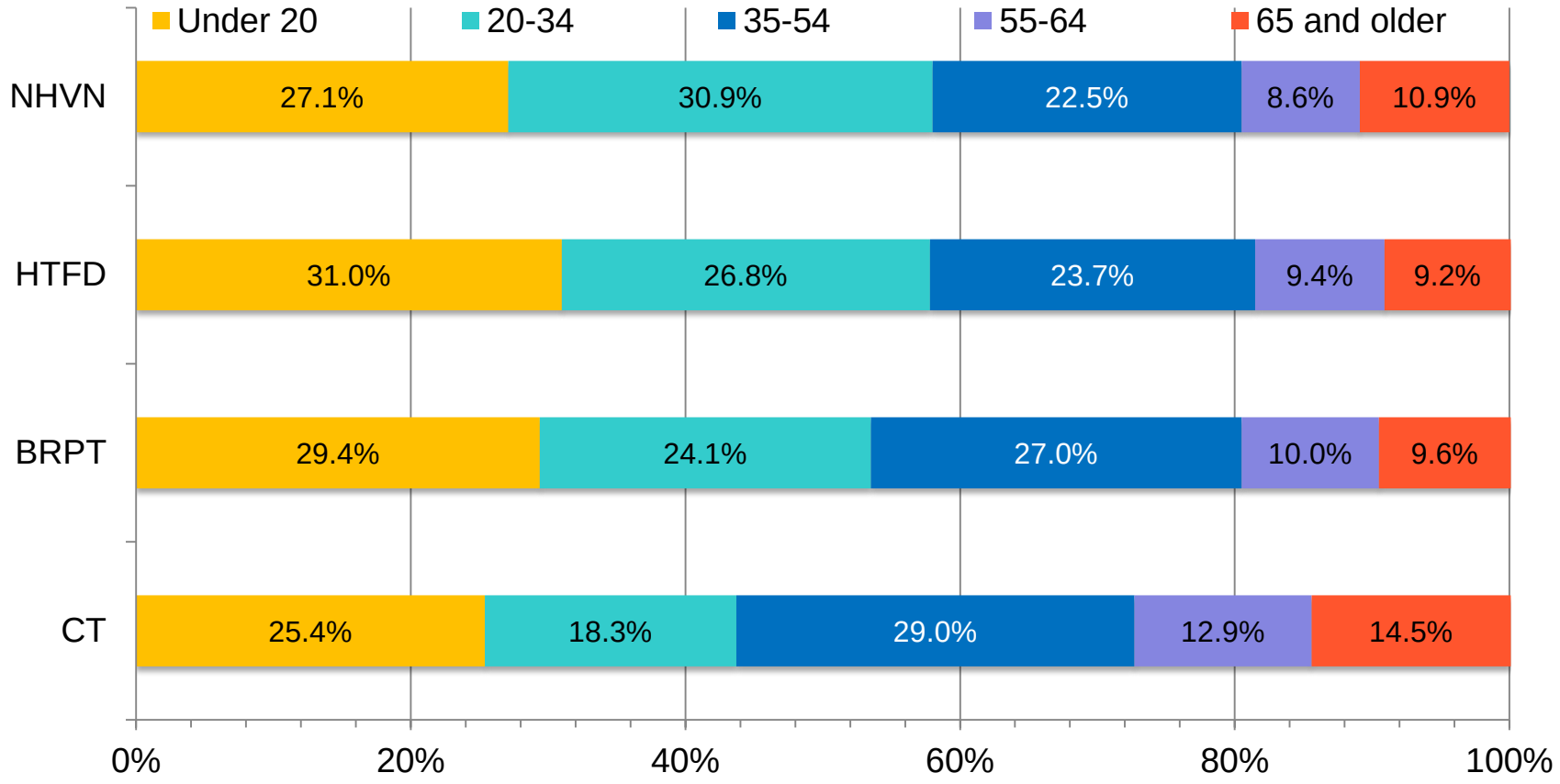
Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, DP05 File.

Population Distribution by Age, Sex, Race, and Ethnicity Connecticut, 2010



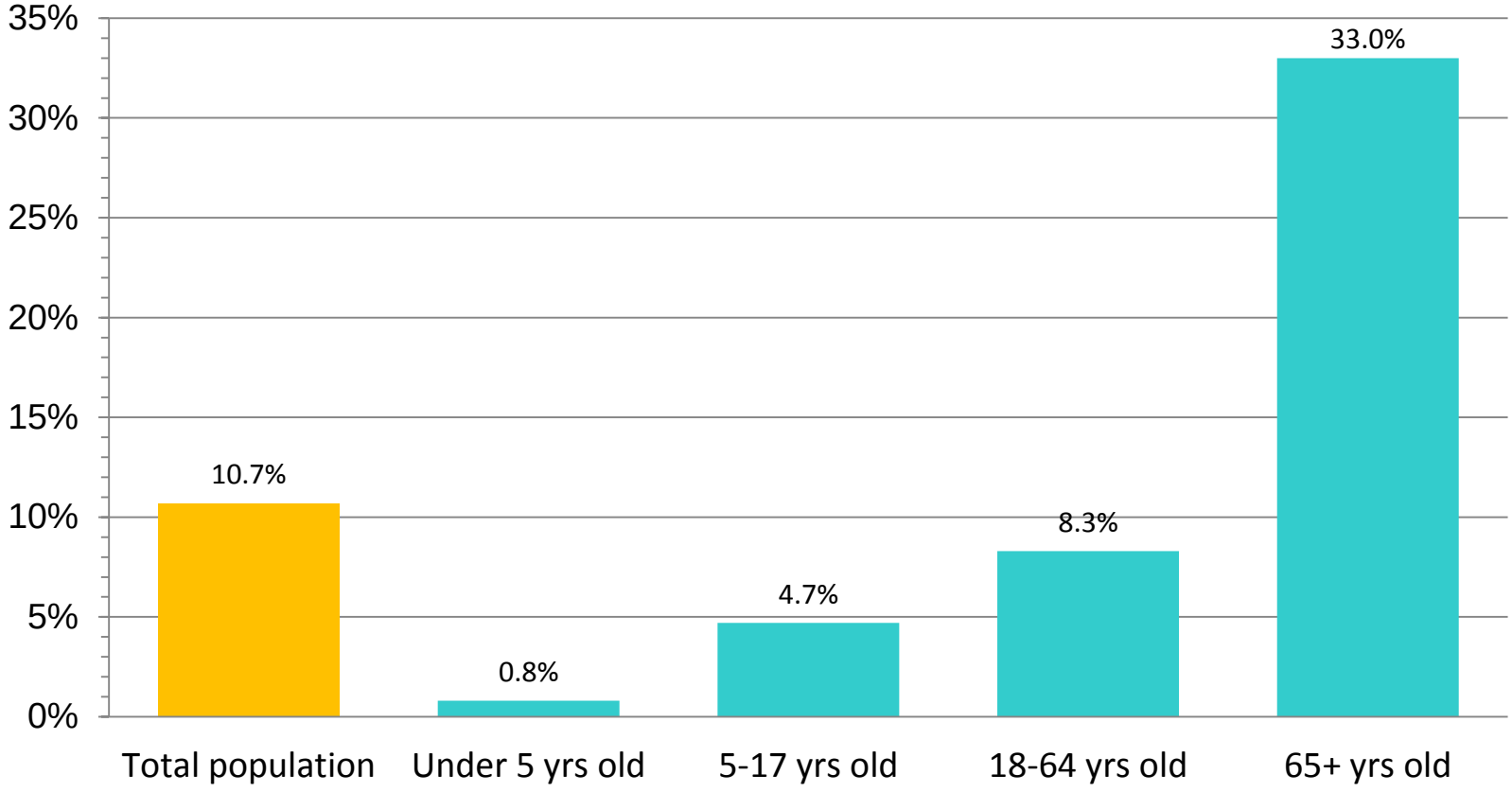
Source: Connecticut Department of Public Health, Public Health Systems Improvement, 2013. Data from U.S. Census Bureau Postcensal Estimates, 7/1/2010 to 7/1/2011.

Percent of Population by Age Connecticut and its Largest Towns, 2011



Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, DP05 File.

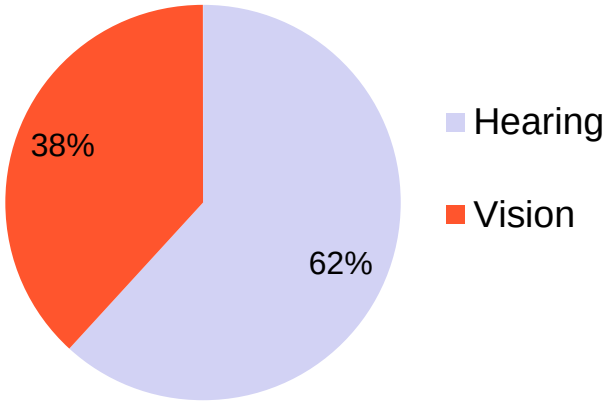
Percent of Residents with Disability by Age Group Connecticut, 2011



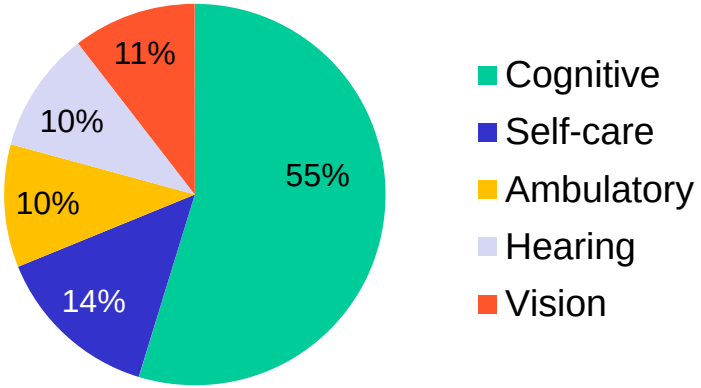
Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, Table S1810.

Disability Difficulty, by Age Group Connecticut, 2011

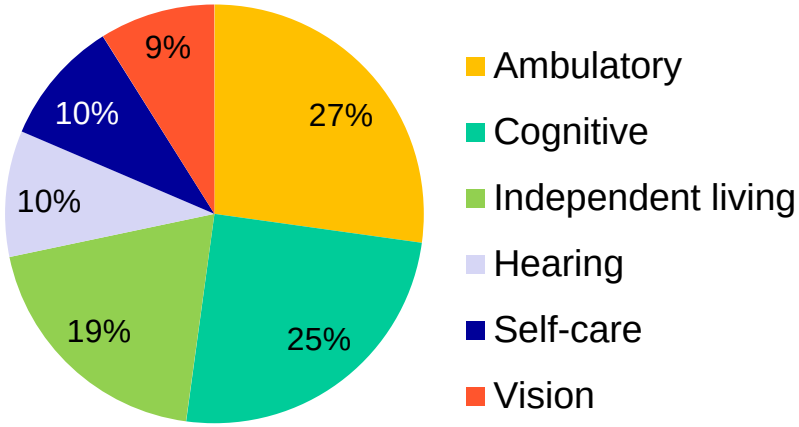
Under 5 yrs old, n=1,630



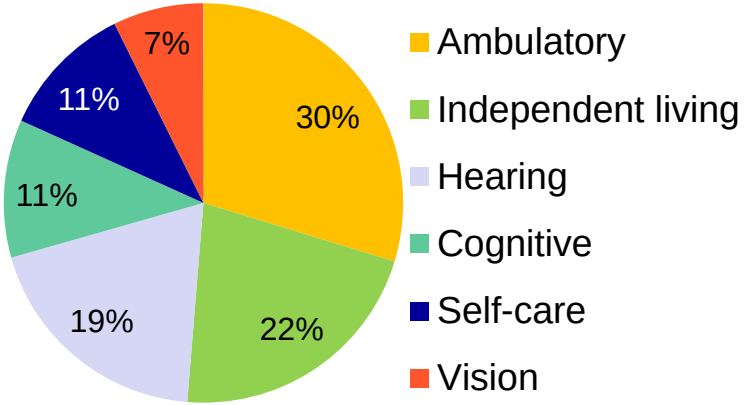
5-17 yrs old, n=28,234



18-64 yrs old, n=185,373



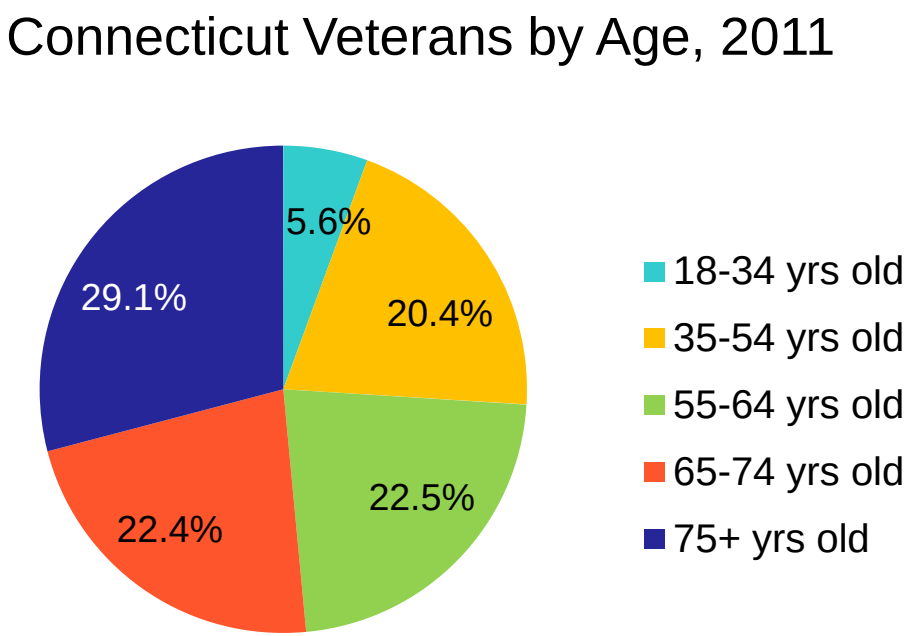
65+ yrs old, n=162,610



Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, Table S1810.

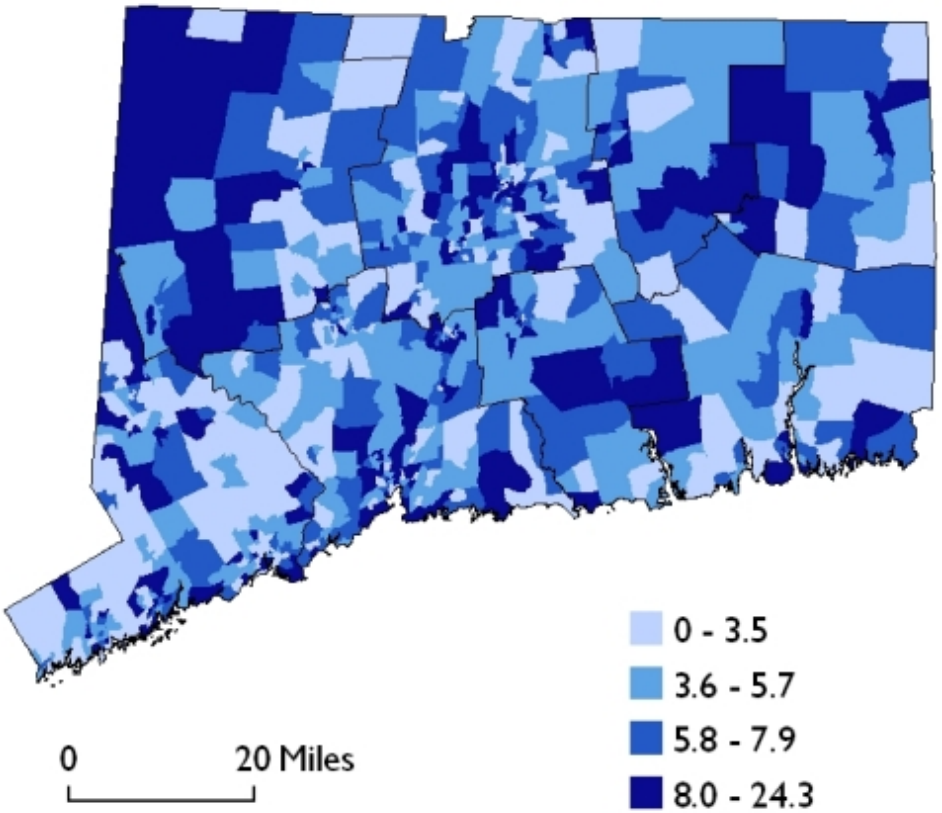
Veterans
Connecticut, 2011

- 8.2% of CT residents (225,987 individuals) are veterans



Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, Table S201.

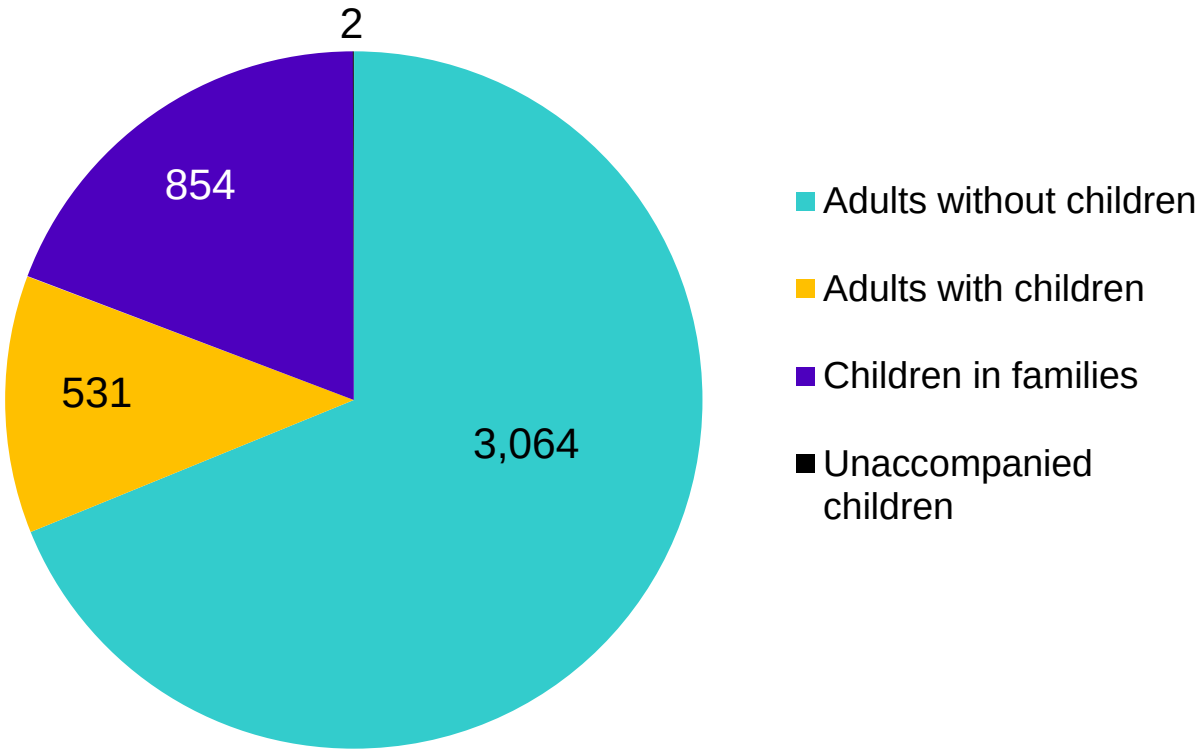
Same-sex Couples per 1,000 Households by Census Tract Connecticut, 2010



- There were 7,852 same-sex couples in Connecticut in 2010.

Source: Map developed by Gates, G. & Cooke, A.. The Williams Institute, UCLA, Connecticut: Census Snapshot: 2010.

Estimated Number of Homeless Persons Connecticut, 2011

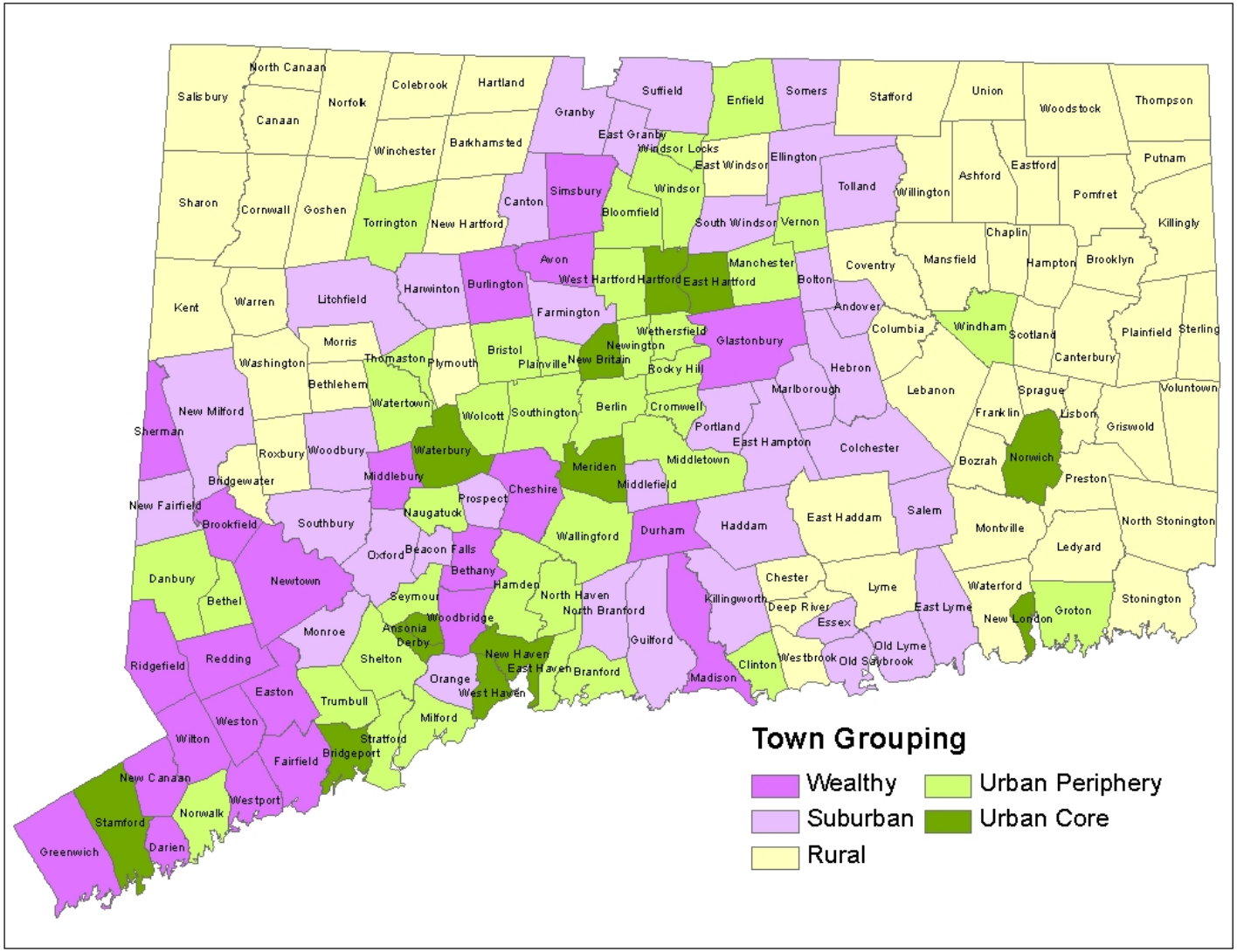


- There were at estimated 4,451 homeless persons in Connecticut in 2011.

Source: CT Coalition to End Homelessness, CT Point in Time Count Brief, 2011

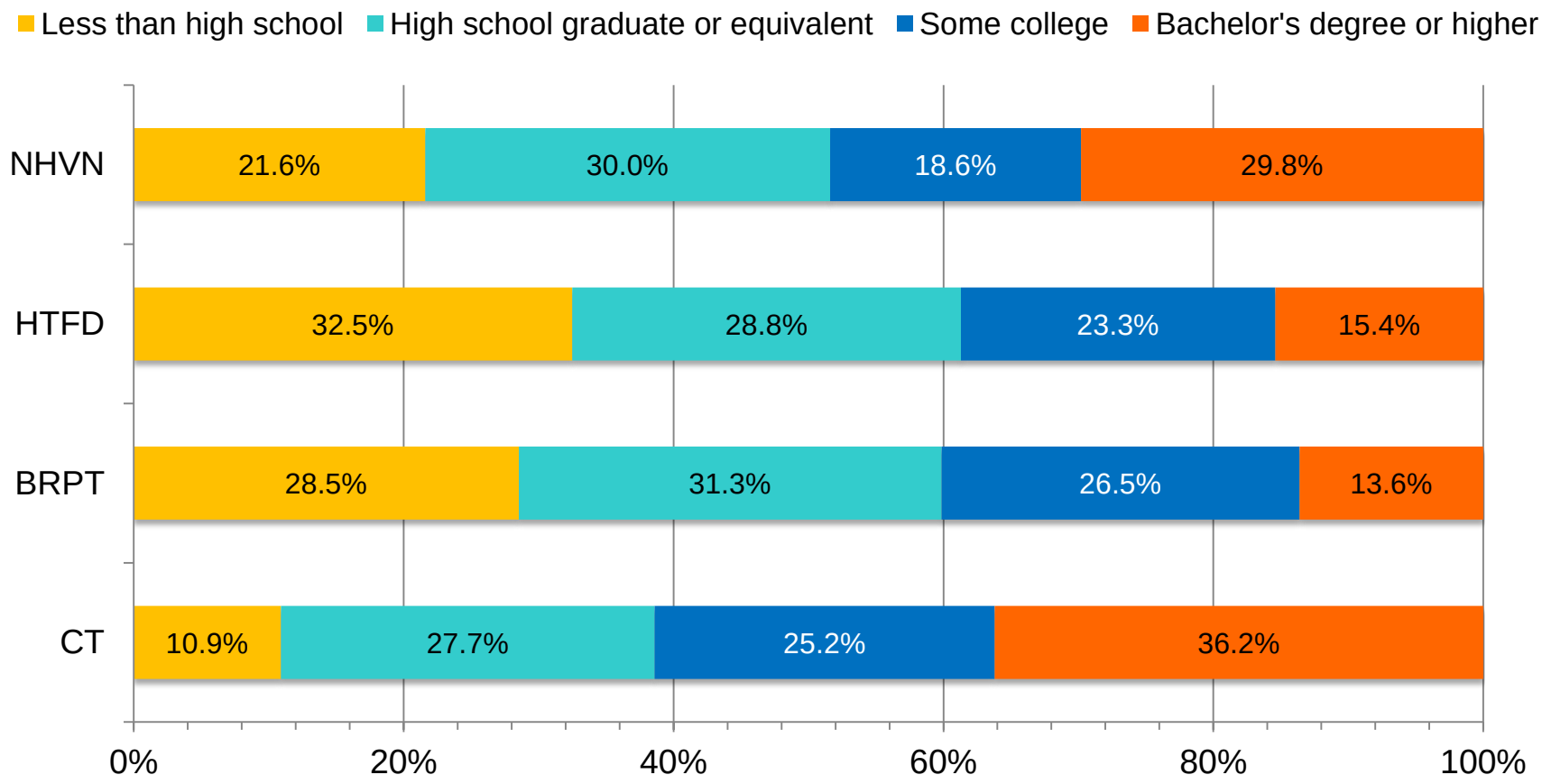
DETERMINANTS OF HEALTH

Five Connecticut Regions, by Socioeconomic Groupings, 2009



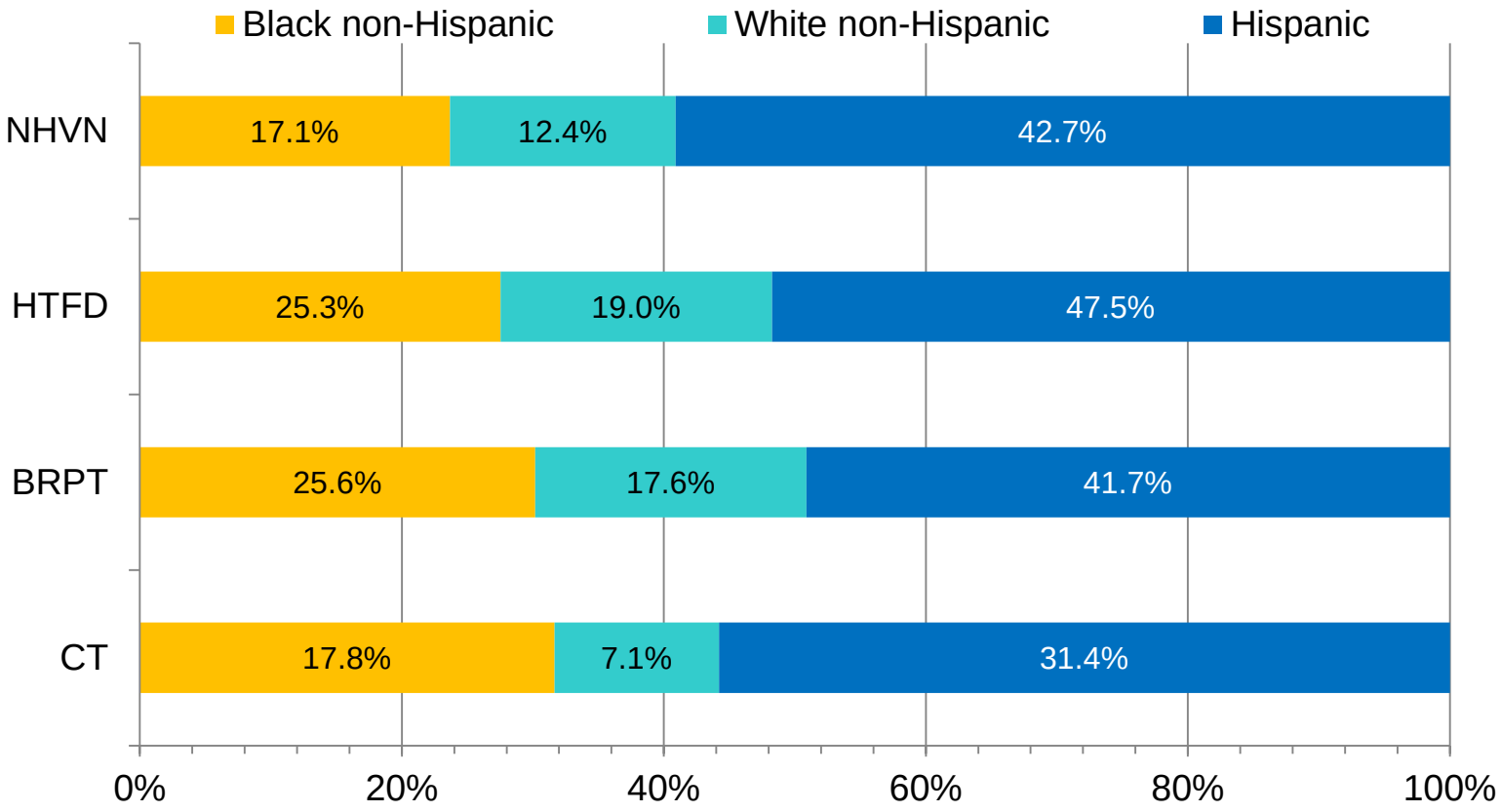
Source: CT State Data Center, The Changing Demographics of Connecticutt: The Five Connecticutts, recreated graph from updated 2009 data provided through personal communication.

Educational Attainment (25 Years of Age and Older), Connecticut and Its Largest Towns, 2011



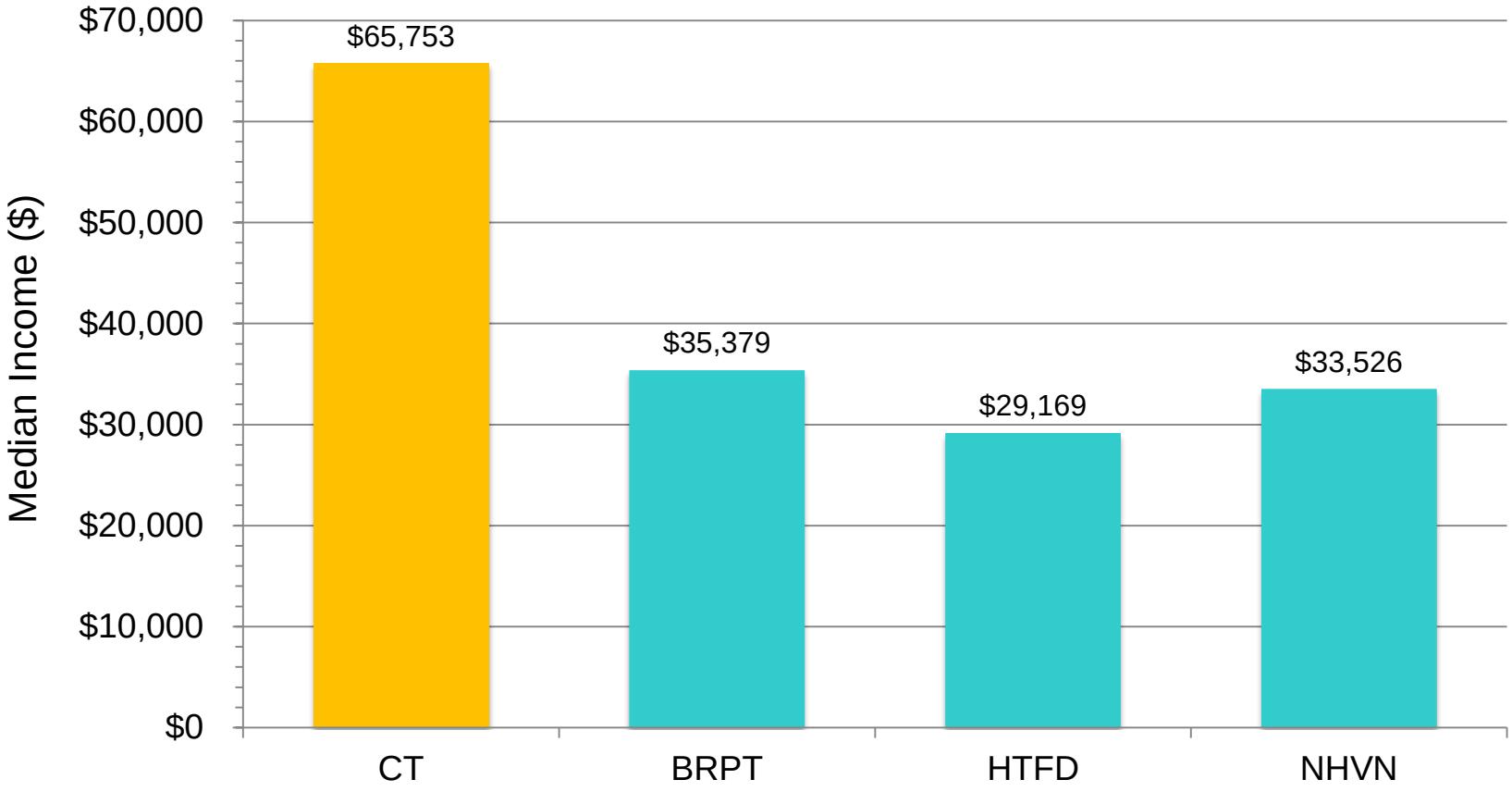
Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, B15002B, B15002D, B15002F, B15002H, B15002I Files.

Less than High School Education by Race/Ethnicity Connecticut and Its Largest Towns, 2011



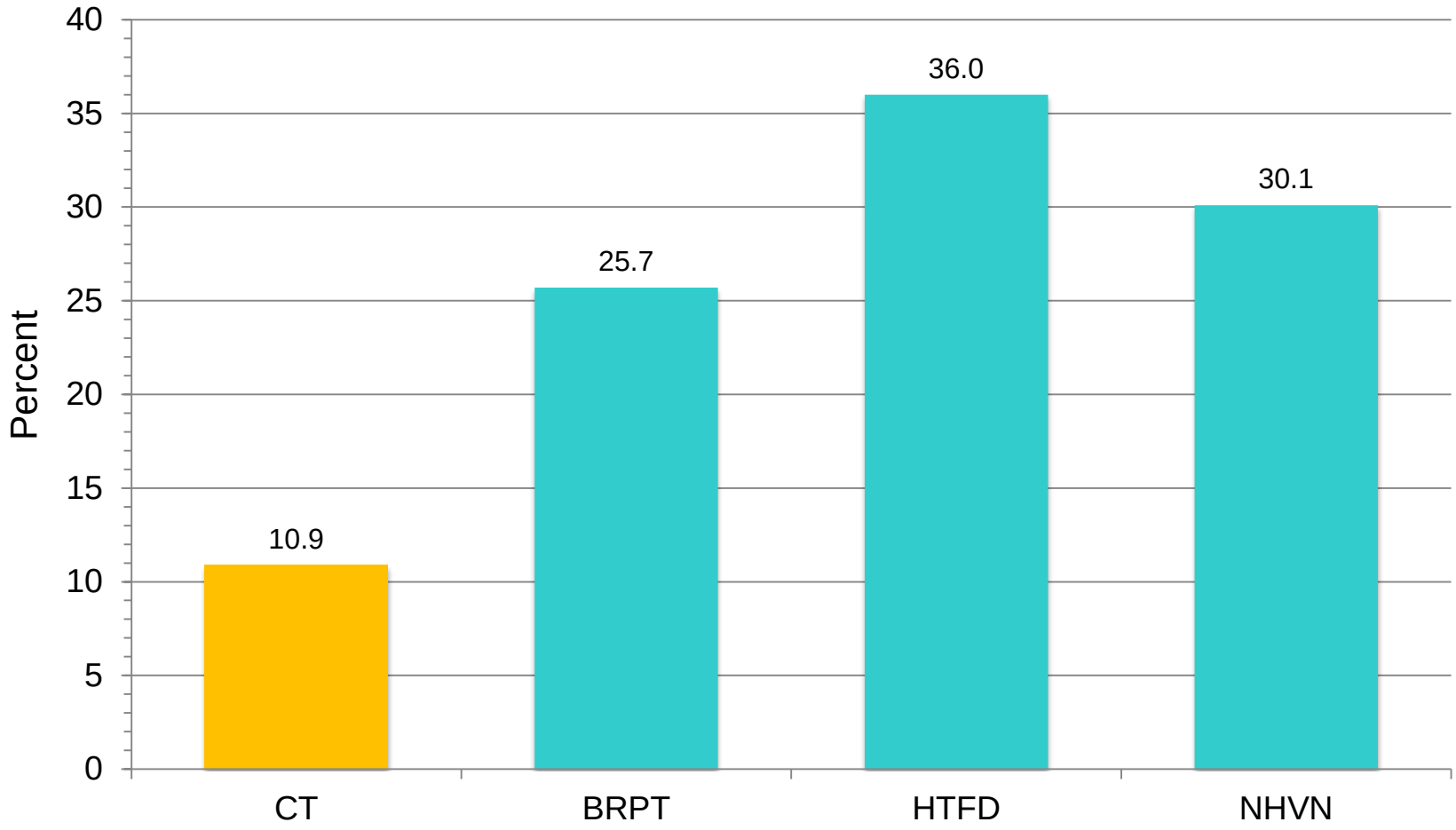
Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, B15002B, B15002D, B15002F, B15002H, B15002I Files.

Median Household Income, Connecticut and Its Largest Towns, 2011



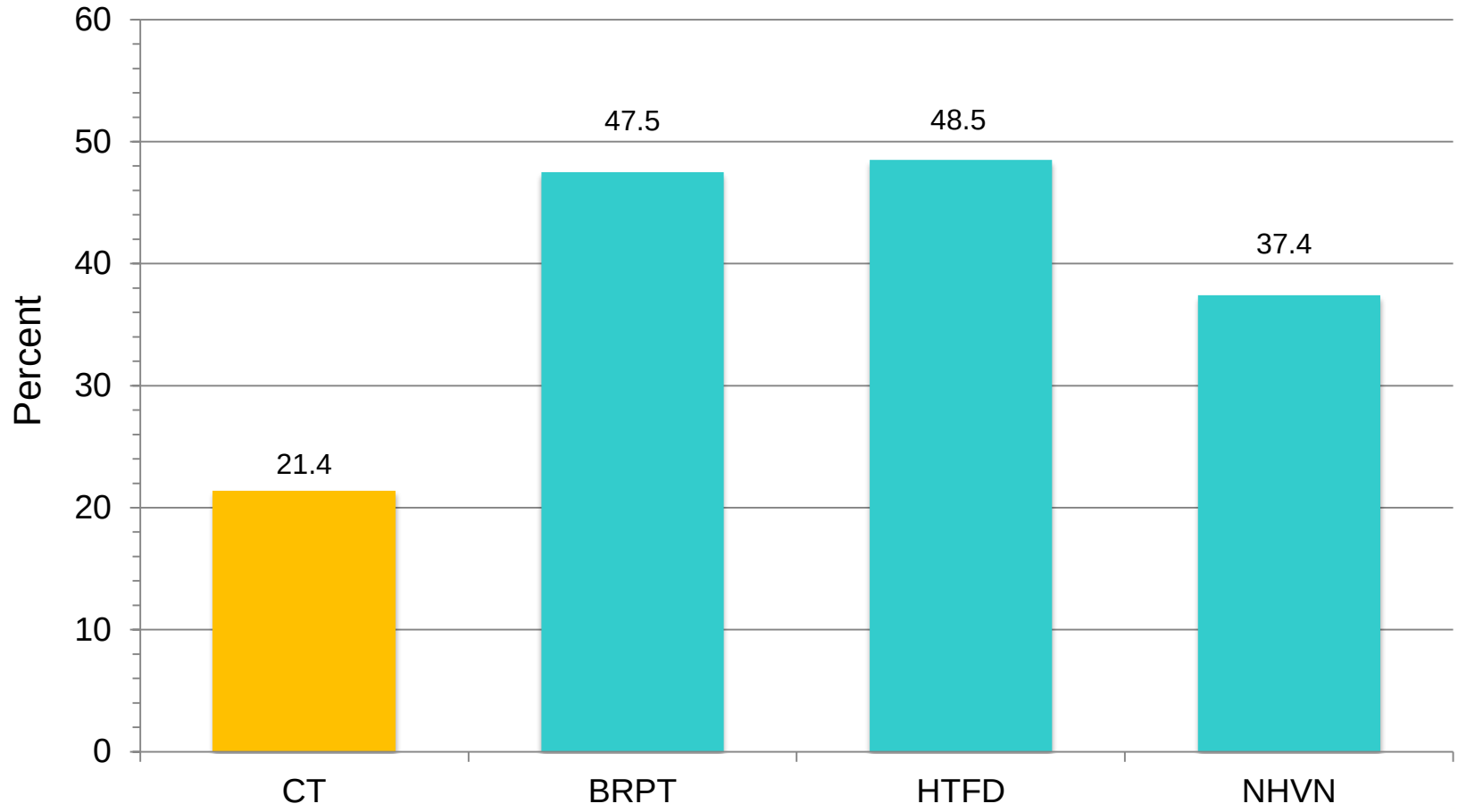
Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, DP-03 File.

Percent of Individuals below Poverty Level Connecticut and Its Largest Towns, 2011



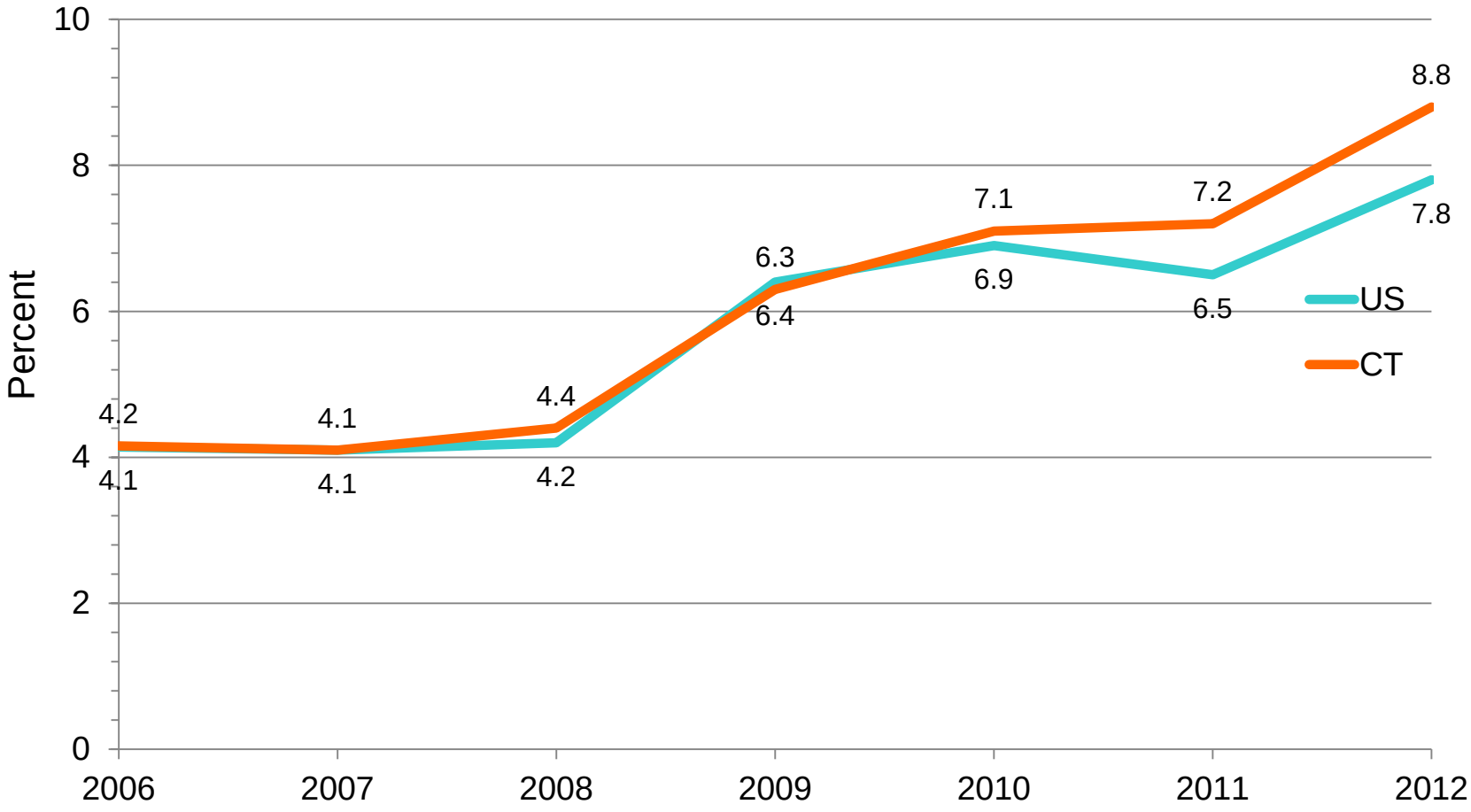
Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, DP-03 File.

Percent of Population Who Speak Language Other Than English at Home Connecticut and Its Largest Towns, 2011



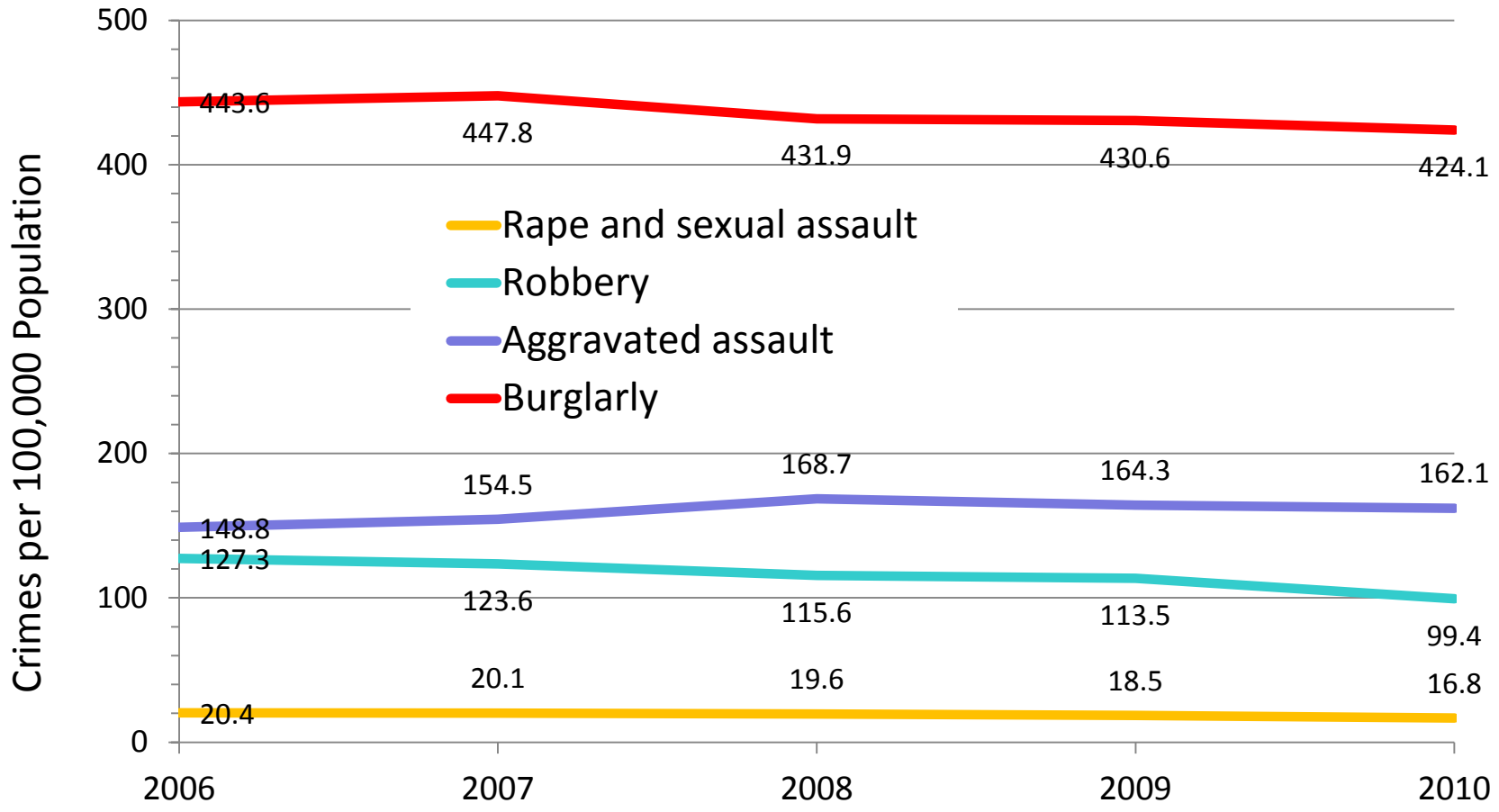
Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, DP-02 File.

Unemployment Rate
U.S. vs. Connecticut, 2006-2012



Source: US Bureau of Labor Statistics, 2012; US Census Bureau, American Community Survey, 1-Year Estimates, 2006-2011, DP03 File.

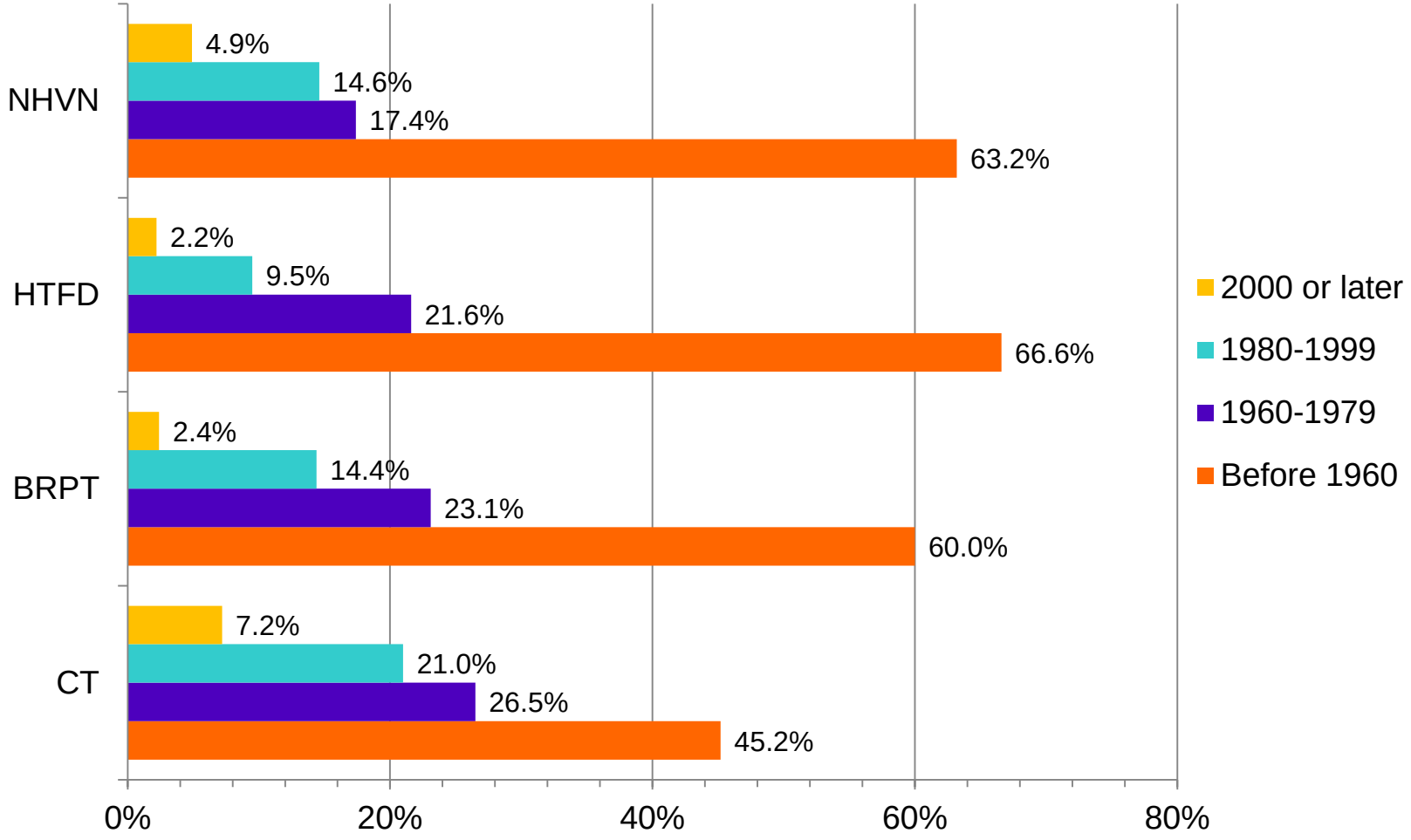
Violent Crimes by Type of Crime Connecticut, 2006-2010



Source: Connecticut Department of Public Safety
Uniform Crime Reports: Publications and Queriable Statistics, 2006-2010.

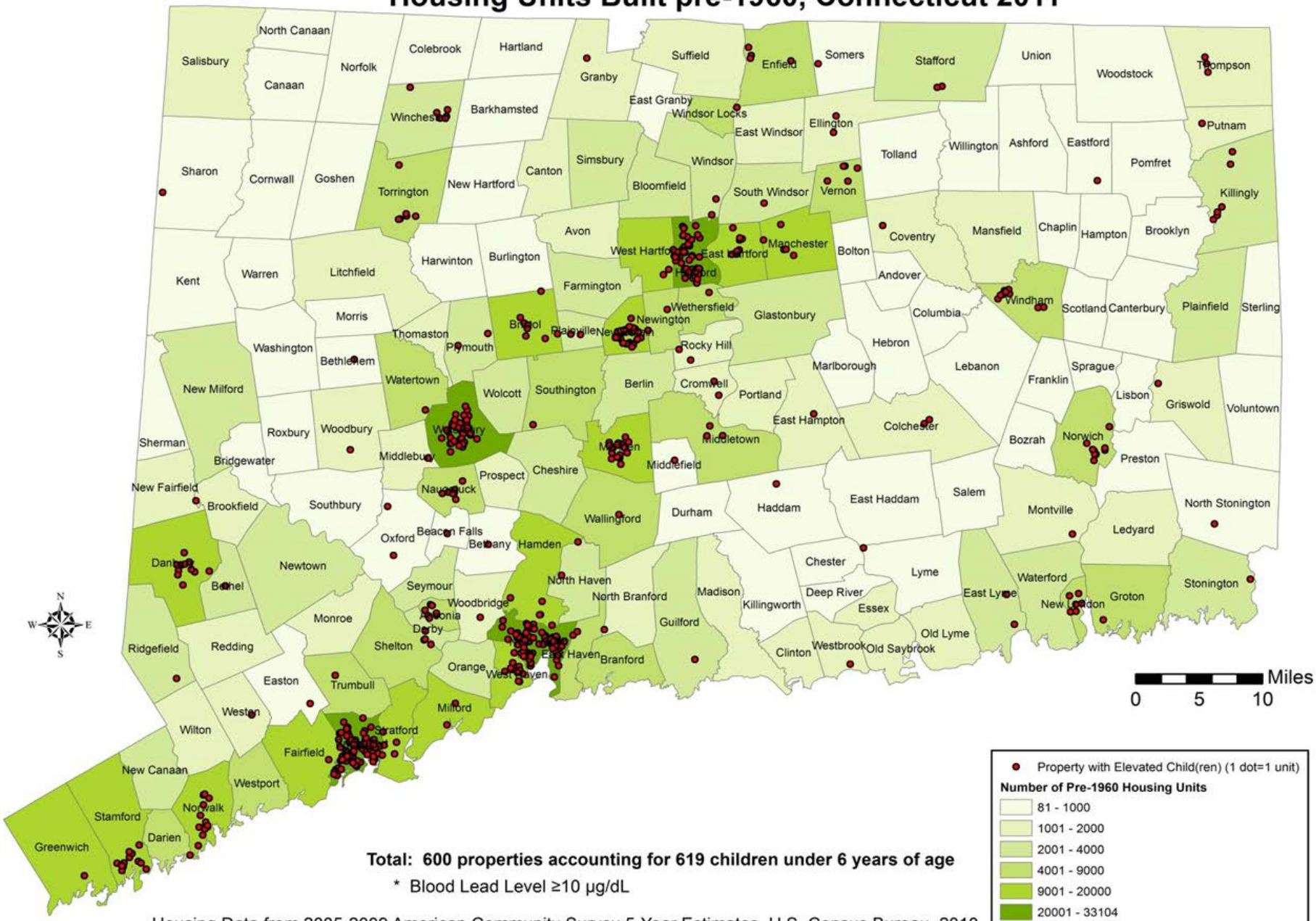
ENVIRONMENTAL DETERMINANTS OF HEALTH

Percent of Housing Stock Constructed, by Year, Connecticut and Its Largest Towns, 2011



Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011

Properties Associated with Lead Poisoned Children* & Housing Units Built pre-1960, Connecticut 2011

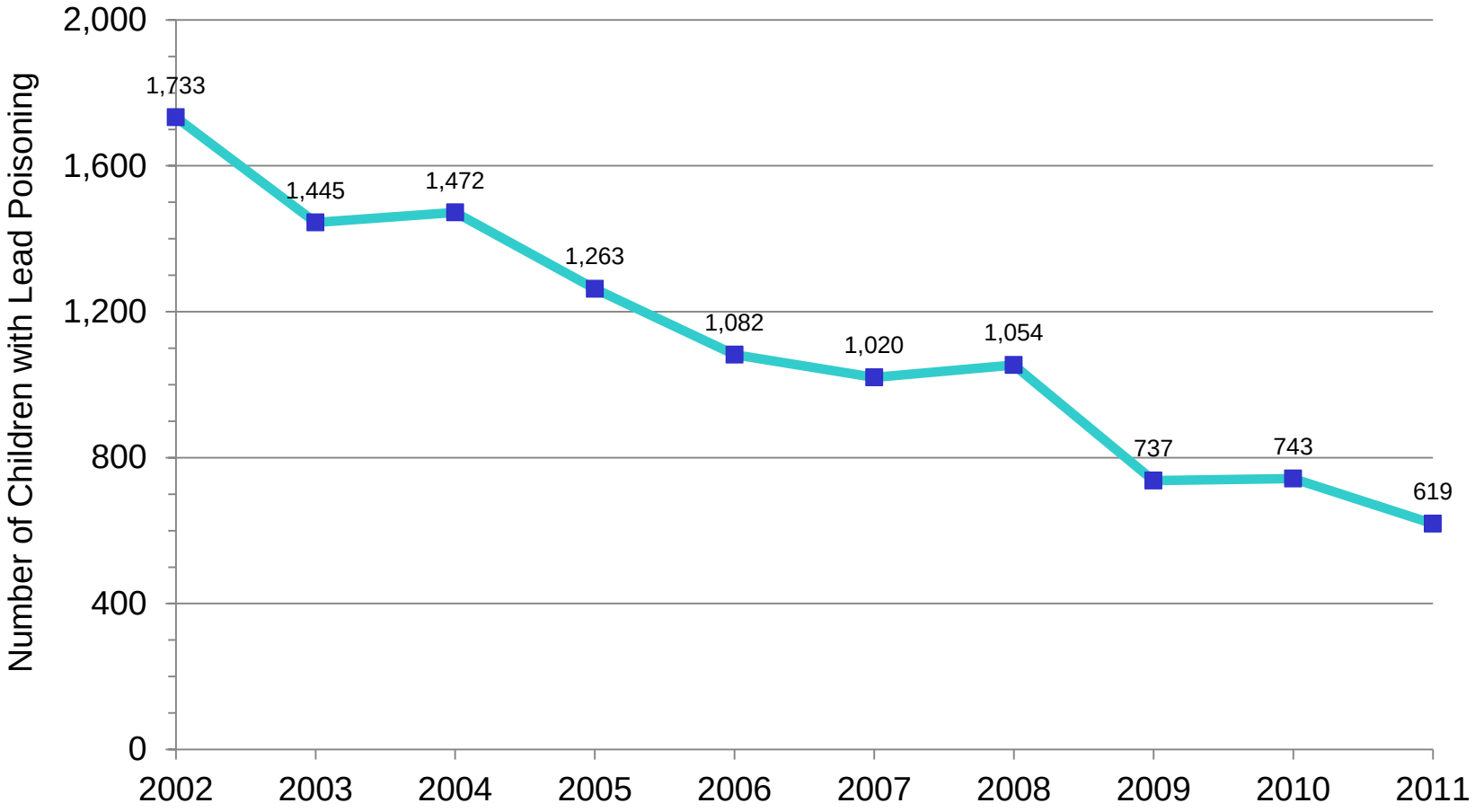


Total: 600 properties accounting for 619 children under 6 years of age

* Blood Lead Level ≥10 µg/dL

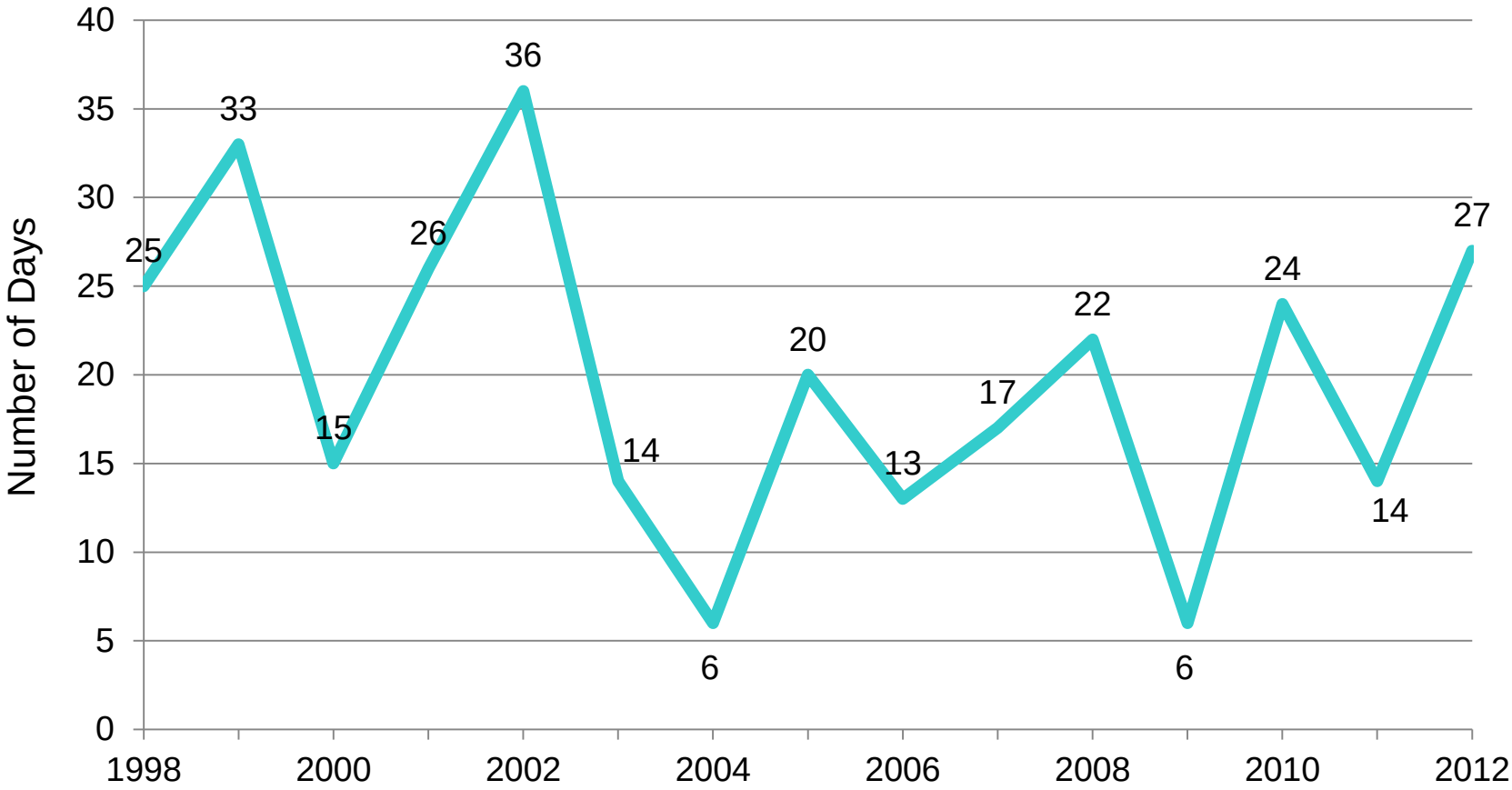
Housing Data from 2005-2009 American Community Survey 5-Year Estimates. U.S. Census Bureau, 2010

Number of Children <6 Years of Age with Lead Poisoning (>=10ug/dL) Connecticut, 2002-2011



Source: Connecticut Department of Public Health
Lead and Healthy Homes Program,
Childhood Lead Poisoning in Connecticut 2011 Surveillance Report,
Figure 8.

Number of 8-hour Ozone Exceedance Days, Connecticut, 1998-2012



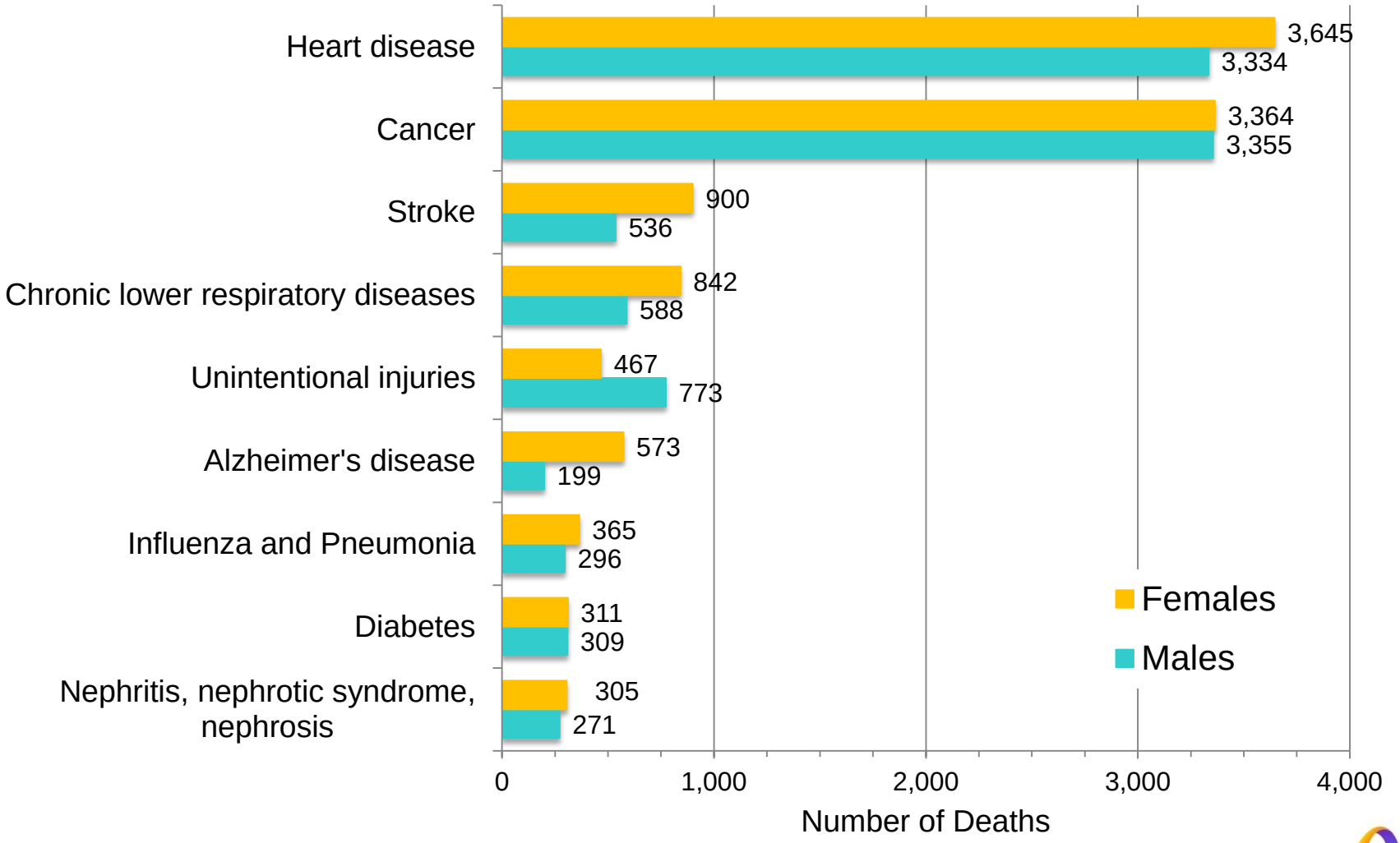
Source: Connecticut Department of Environmental Protection, Bureau of Air Quality Management. *Annual Summary Information for Ozone*, 1999-2009

Low Income Census Tracts Considered "Food Deserts" Connecticut, 2009

Source: United States Department of Agriculture, Economic Research Service, Food Desert Locator, 2009. Map provided by personal communication.

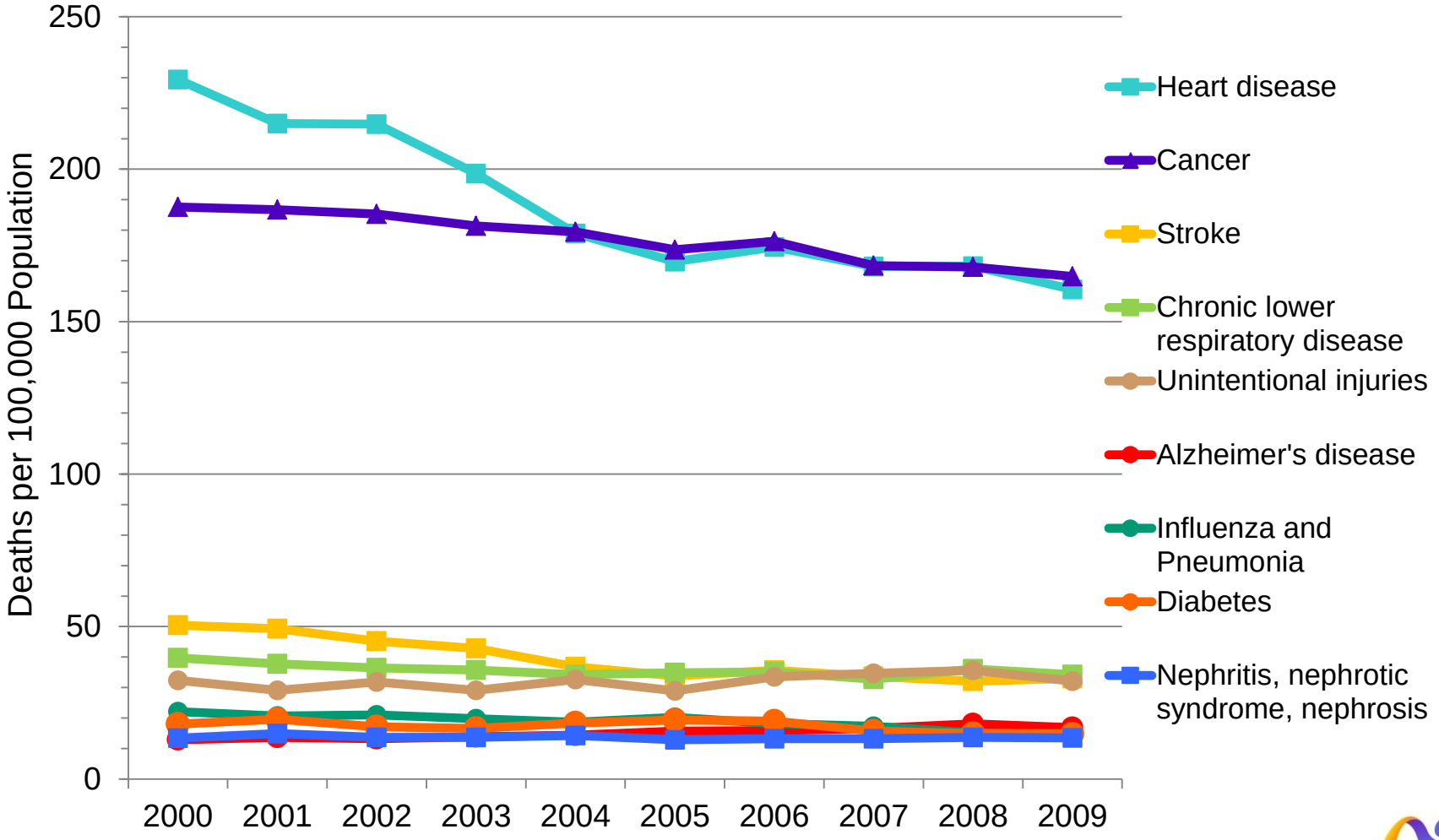
MORTALITY AND HOSPITALIZATION

Leading Causes of Death, by Sex
Connecticut, 2009



Source: Connecticut Department of Public Health, Mortality Tables, 2009, Tables 9 and 10.

Age-adjusted Death Rates for Leading Causes of Death Connecticut, 2000-2009



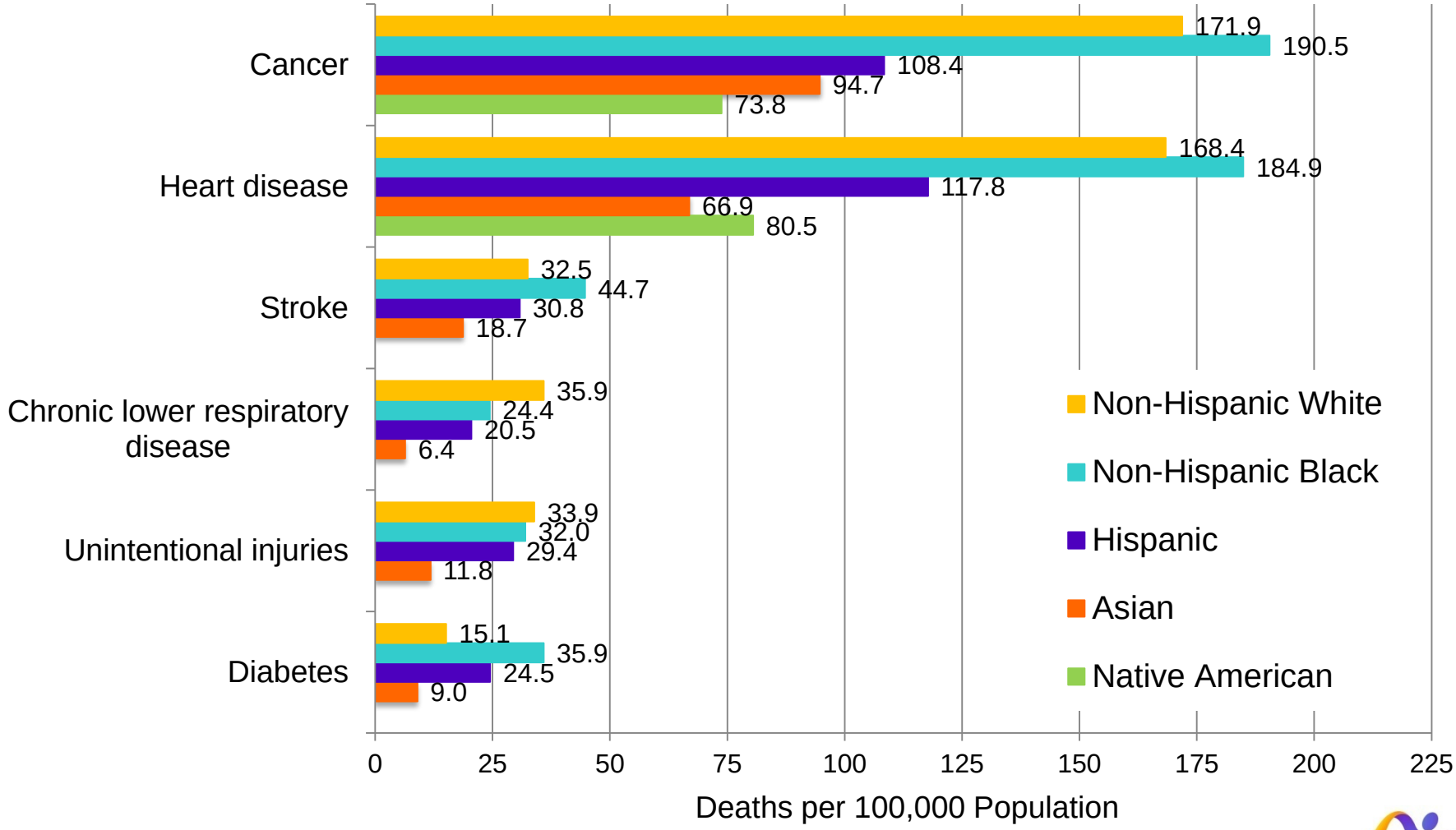
Source: Connecticut Department of Public Health, Mortality Tables, Age-Adjusted Mortality Rate, 2000-2009.

Leading Causes of Death by Age Group Connecticut, 2009

Rank	Age Group			
	Children (0-14 yrs)	Young Adults (15-34 yrs)	Adults (35-64 yrs)	Elderly (65+ yrs)
1	Congenital anomalies	Unintentional injuries	Cancer	Heart disease
2	Unintentional Injuries	Suicide	Heart disease	Cancer
3	Cancer	Homicide	Unintentional injuries	Stroke
4	Septicemia	Heart disease	Chronic liver disease and cirrhosis	Chronic lower respiratory disease
5	Chronic lower respiratory disease, Homicide, Heart disease	Cancer	Suicide	Alzheimer's disease

Source: Connecticut Department of Public Health, Mortality Tables, Leading Causes of Death, 2009, Table 10.

Age-adjusted Death Rates for Leading Causes of Death, by Race and Ethnicity Connecticut, 2005-2009



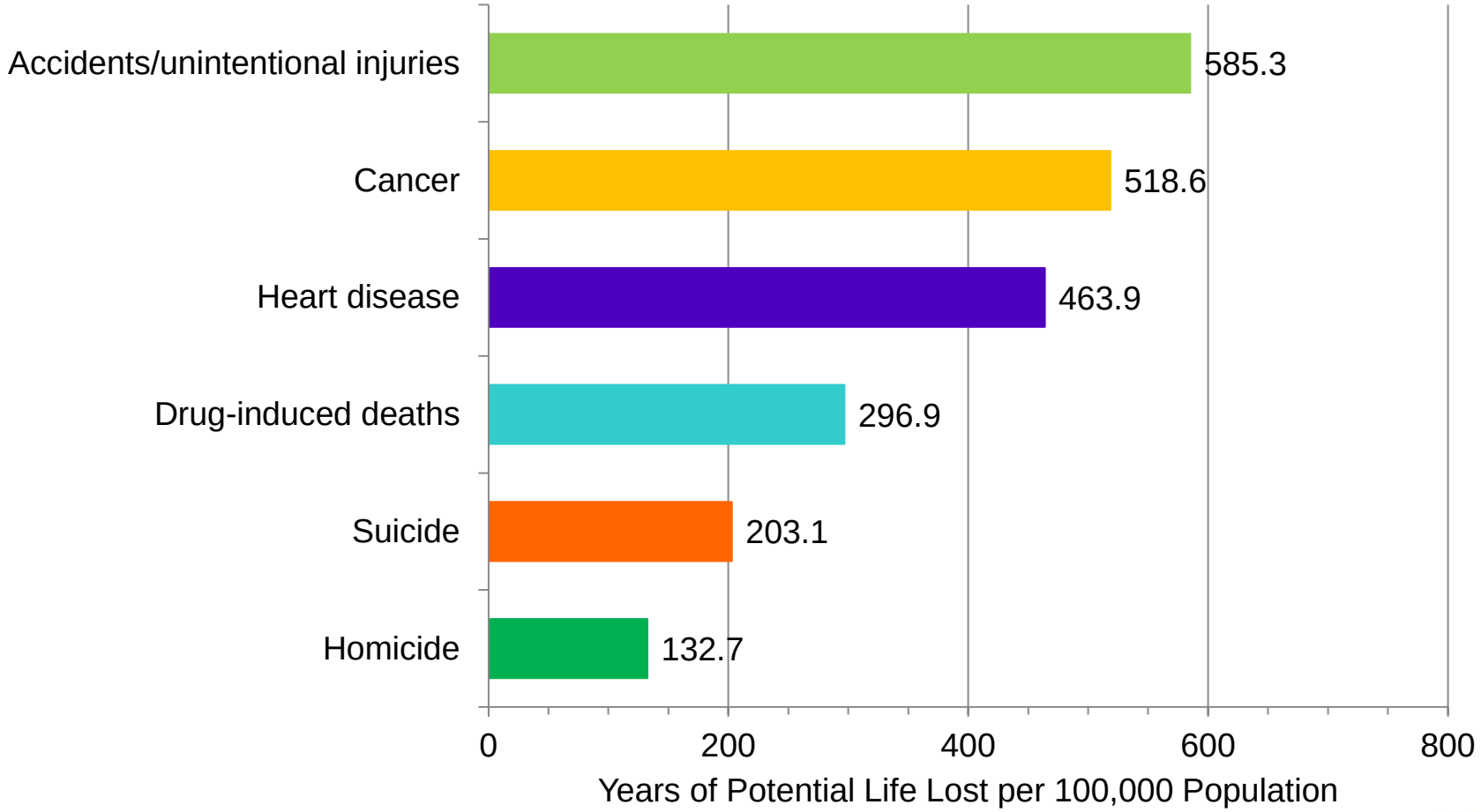
Source: Connecticut Department of Public Health, Mortality Tables, Age-Adjusted Mortality Rate 2005-2009.

Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

Leading Causes of Premature Death

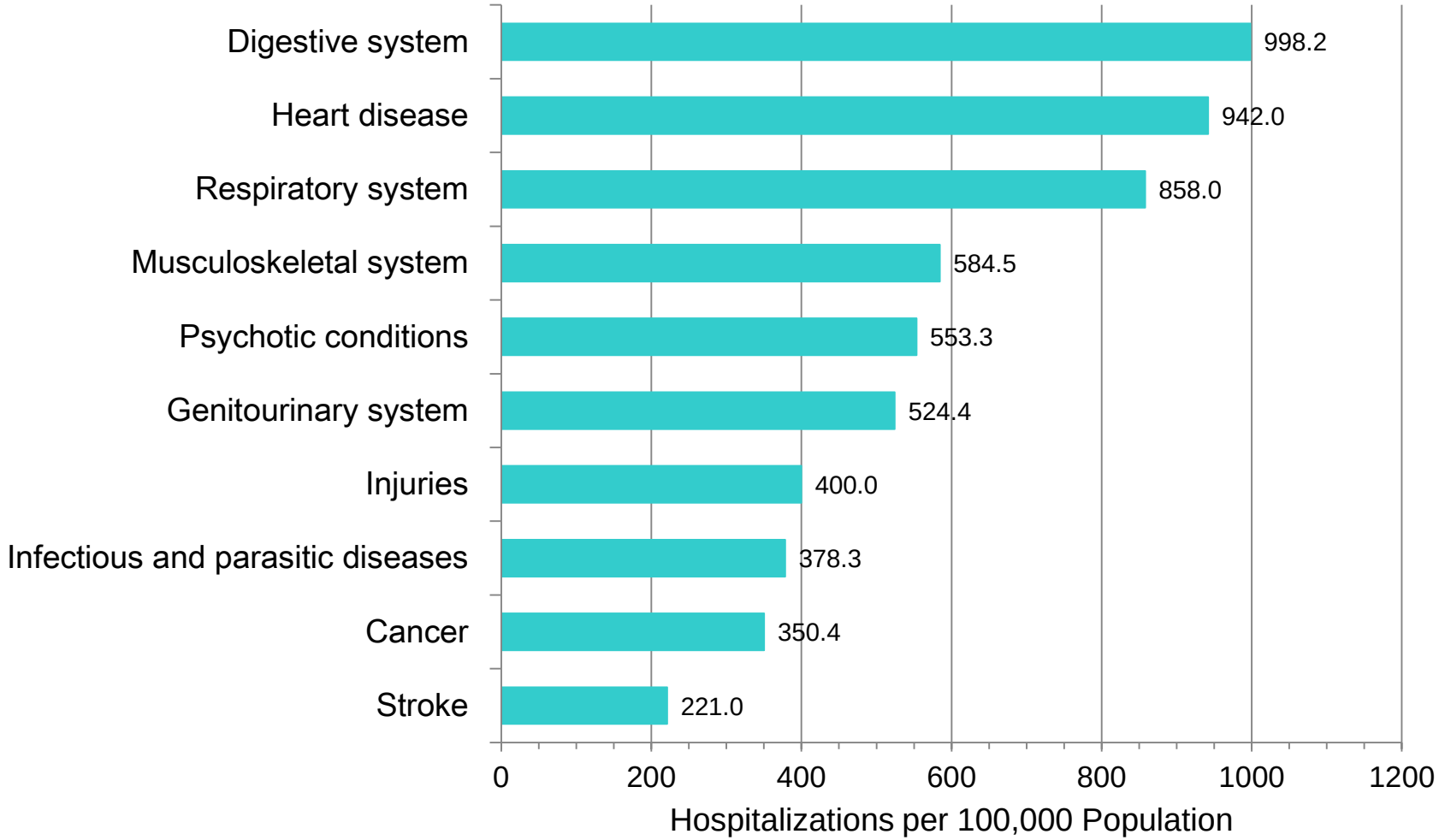
[Years of Potential Life Lost (YPLL) before 65 Yrs of Age]

Connecticut, 2009



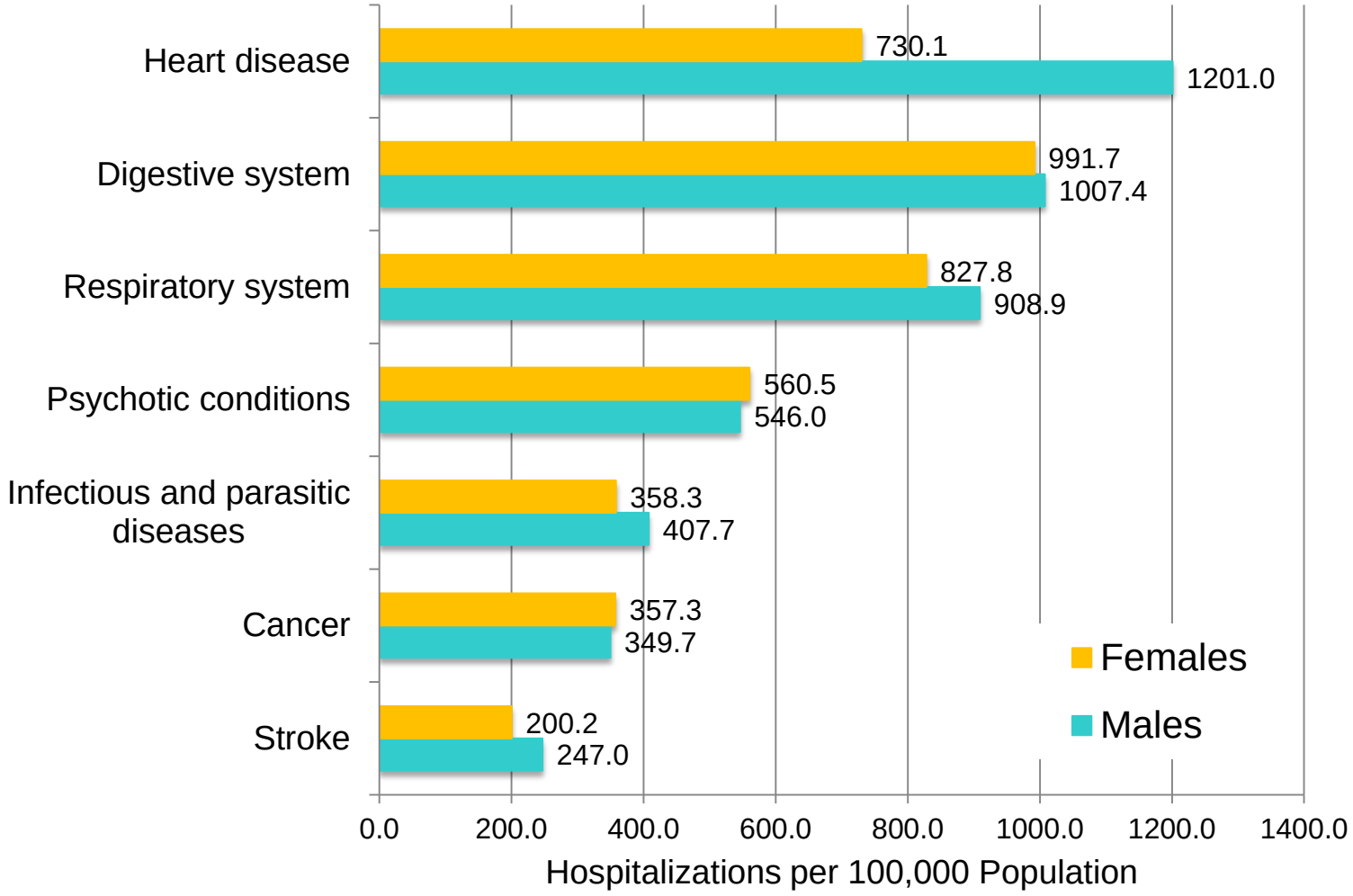
Source: Connecticut Department of Public Health, YPLL Tables, Age-Adjusted YPLL Rate <65, 2009.

Hospitalization Rates for Leading Causes Connecticut, 2010



Source: Connecticut Department of Public Health, Hospitalization Tables, 2010, Table H-1.

Hospitalization Rates for Leading Causes, by Sex Connecticut, 2010



Source: Connecticut Department of Public Health, Hospitalization Tables, 2010, Table H-1.

Leading Causes of Hospitalization, by Age Group Connecticut, 2010

Rank	Age Group			
	Children (0-14 yrs)	Young Adults (15-24 yrs)	Adults (25-64 yrs)	Elderly (65+yrs)
1	Respiratory system	Mental disorders	Mental disorders	Circulatory system
2	Injury & poisoning	Digestive system	Digestive system	Respiratory system
3	Nervous system & sense organs	Injury and poisoning	Injury & Poisoning	Digestive system
4	Mental disorders	Respiratory system	Circulatory system	Genitourinary system
5	Digestive system	Endocrine, nutritional, metabolic, and immunological disorders	Genitourinary & Musculoskeletal systems	Musculoskeletal system

Source: Connecticut Department of Public Health, Hospitalization Tables, 2010, Table H-1.

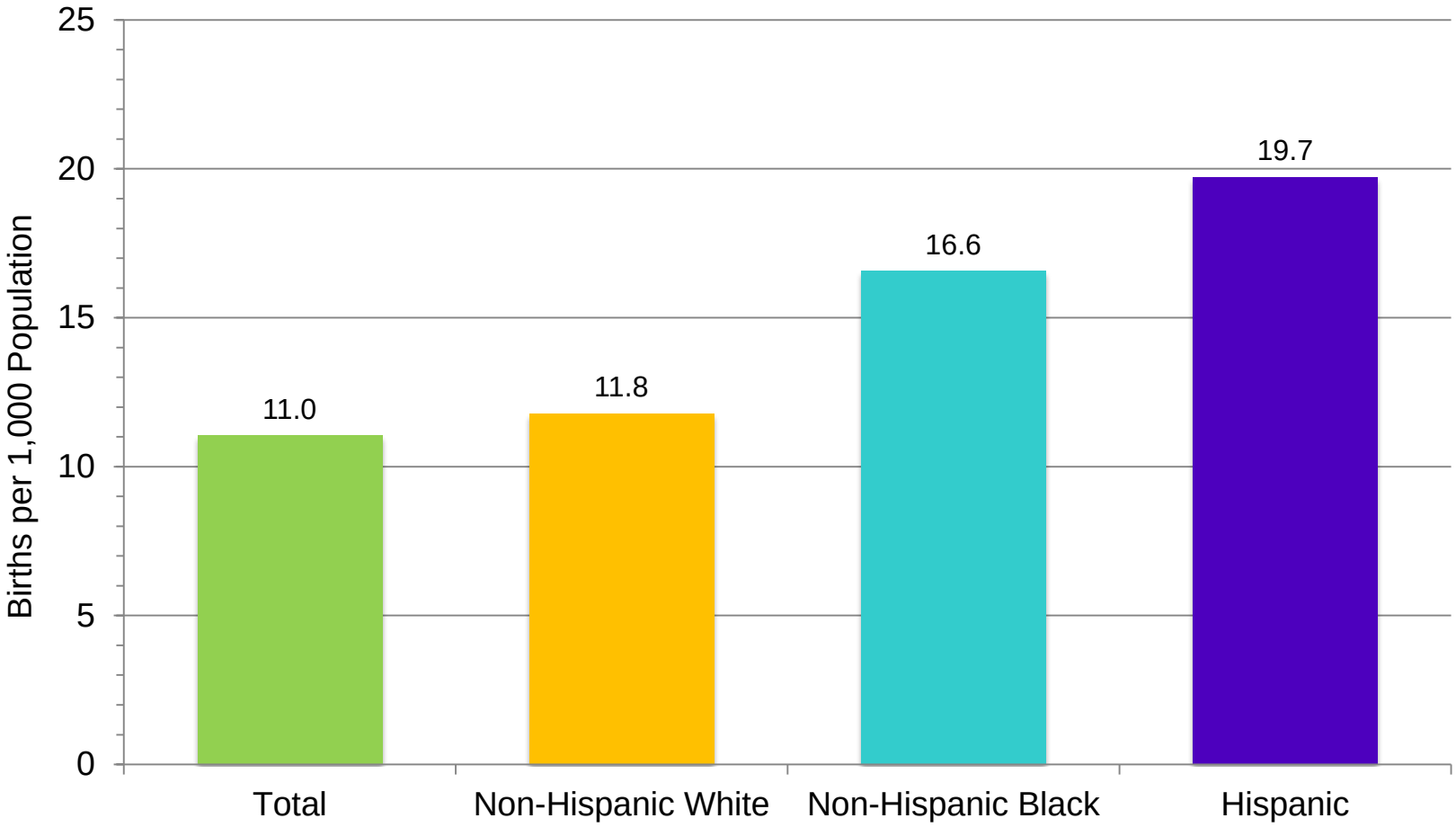
Leading Causes of Hospitalization, by Race/Ethnicity, Connecticut, 2010

Rank	Race and Ethnicity		
	White	Black	Hispanic
1	Circulatory system	Circulatory system	Circulatory system
2	Digestive system	Respiratory system	Digestive system
3	Mental disorders	Digestive system	Respiratory system
4	Respiratory system	Mental disorders	Mental disorders
5	Injury & Poisoning	Injury & Poisoning	Injury & Poisoning

Source: Connecticut Department of Public Health, Hospitalization Tables, 2010, Table H-2.

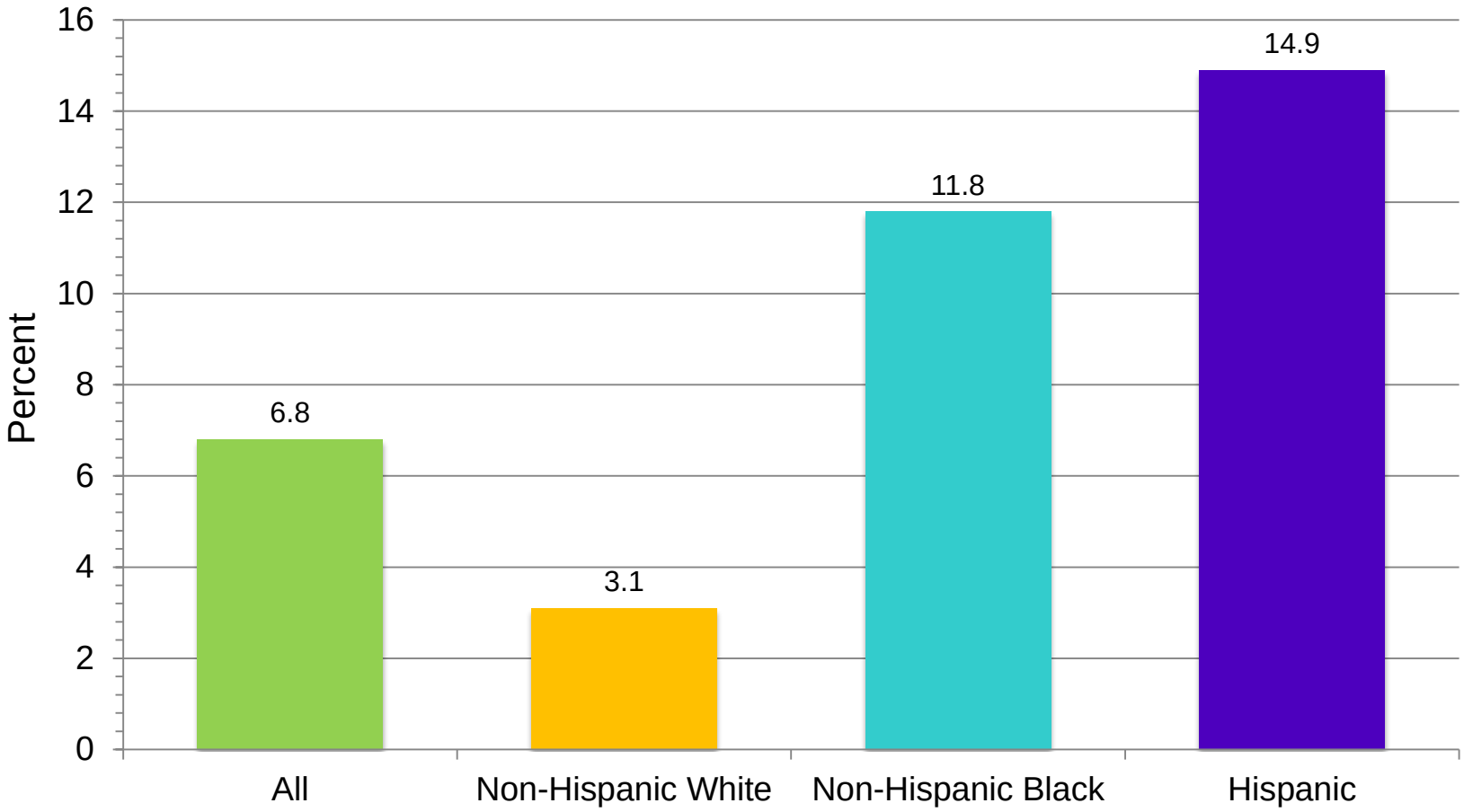
MATERNAL, INFANT, AND CHILD HEALTH

Birth Rate by Race and Ethnicity Connecticut, 2009



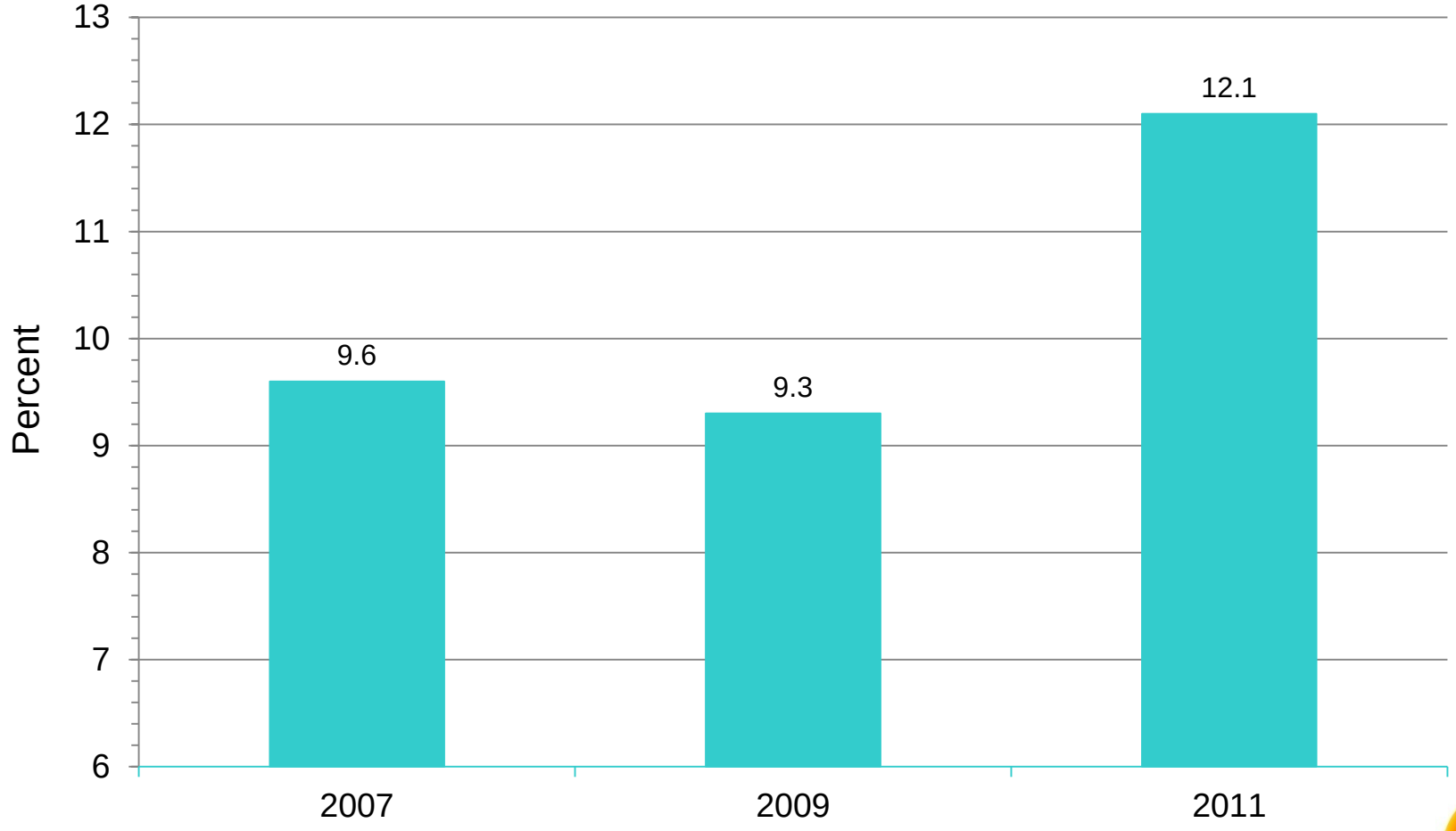
Source: Connecticut Department of Public Health, Vital Statistics (Registration Report), 2009, Table 2B.

Percent of Births to Mothers <20 Years of Age by Race and Ethnicity Connecticut, 2009



Source: Connecticut Department of Public Health, Vital Statistics (Registration Report), 2009, Table 12.

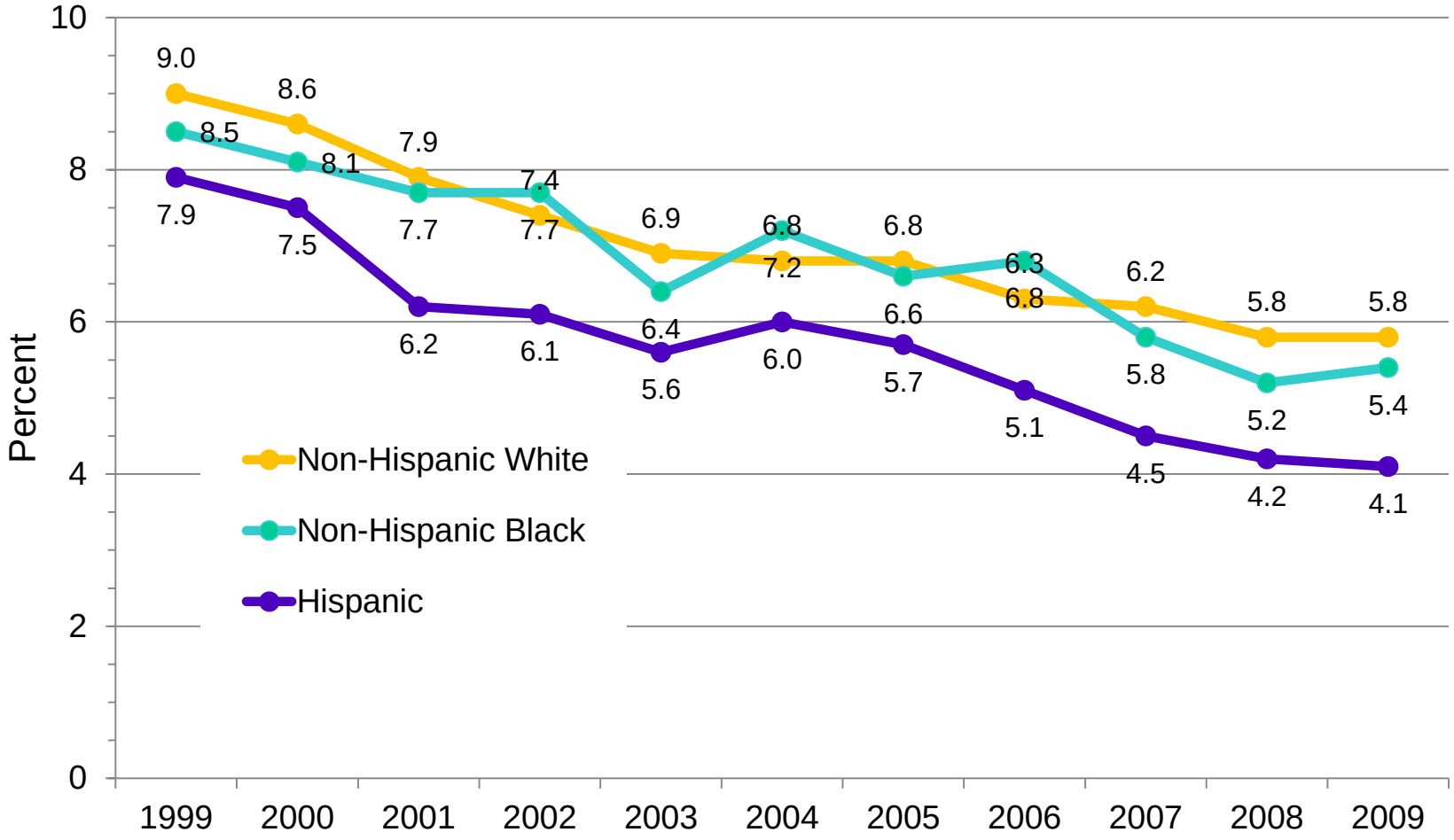
No Pregnancy Prevention Method Used during Last Sexual Intercourse Students, Grades 9-12 Connecticut, 2007-2011



Source: Connecticut Youth Risk Behavior Survey, 2007-2011

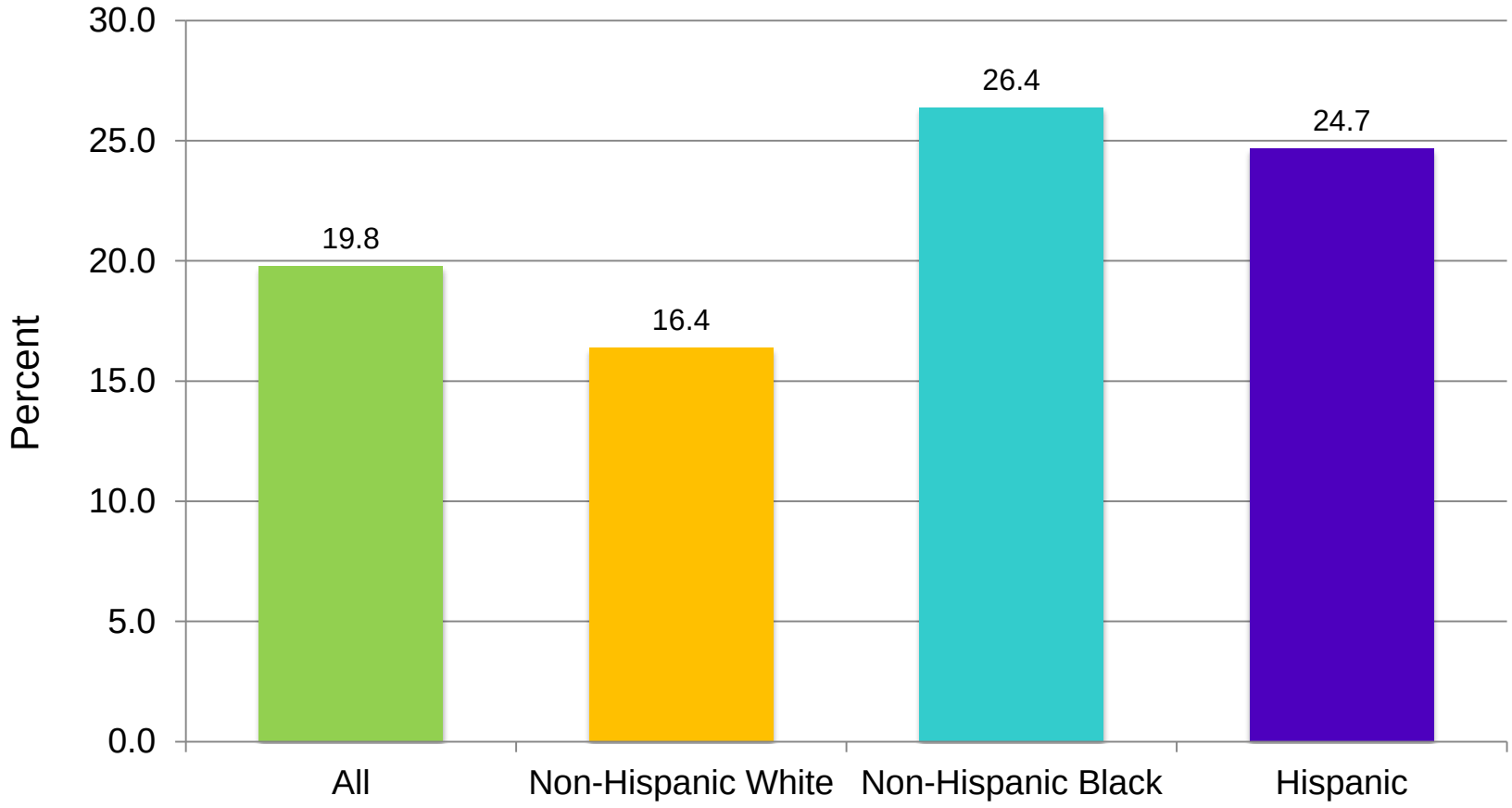
Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

Percent of Women Who Smoked during Pregnancy by Race and Ethnicity Connecticut, 1999-2009



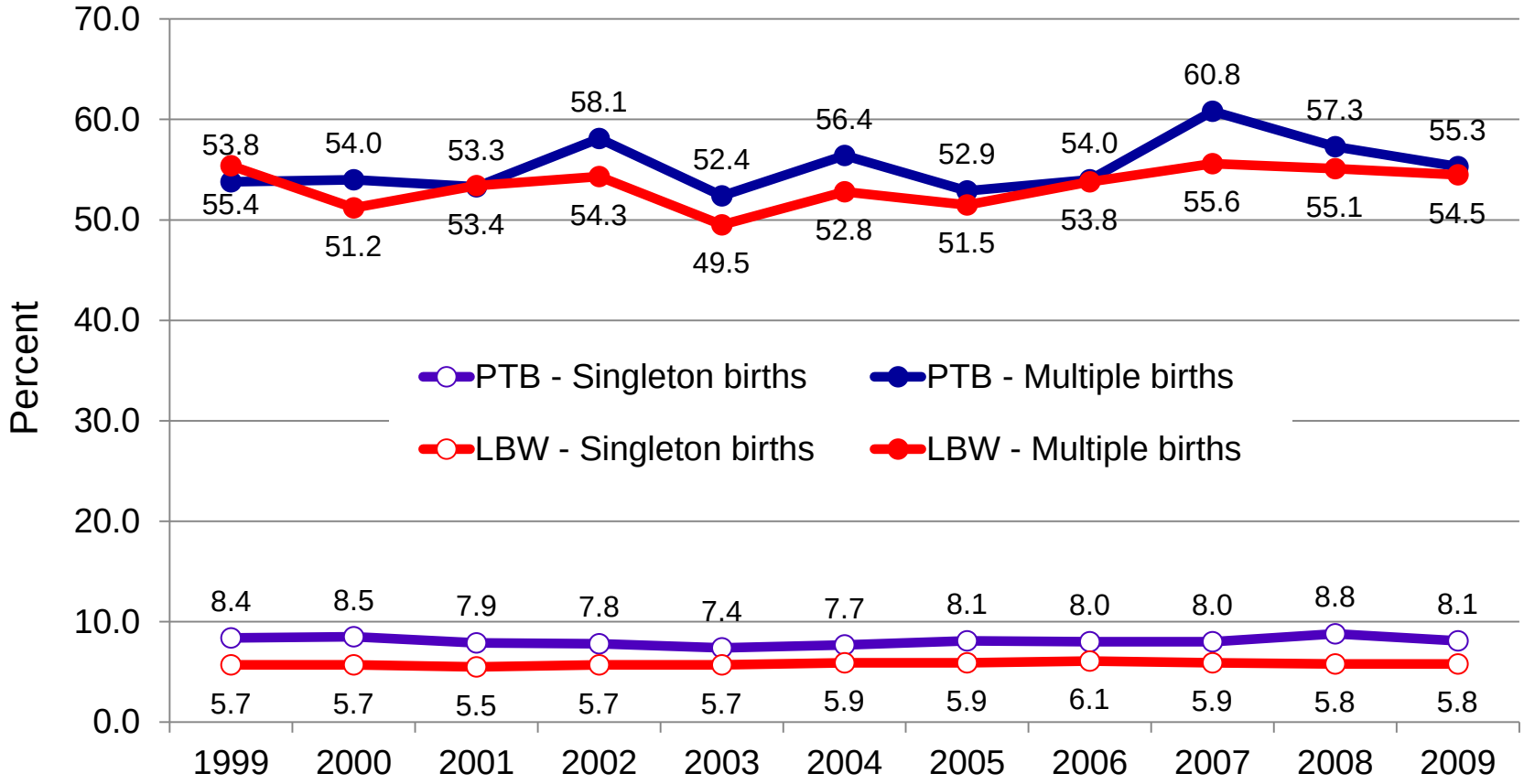
Source: Connecticut Department of Public Health, Vital Statistics (Registration Reports), 1999-2009, Table 12.

Percent of Women Who Received Nonadequate Prenatal Care by Race and Ethnicity Connecticut, 2009



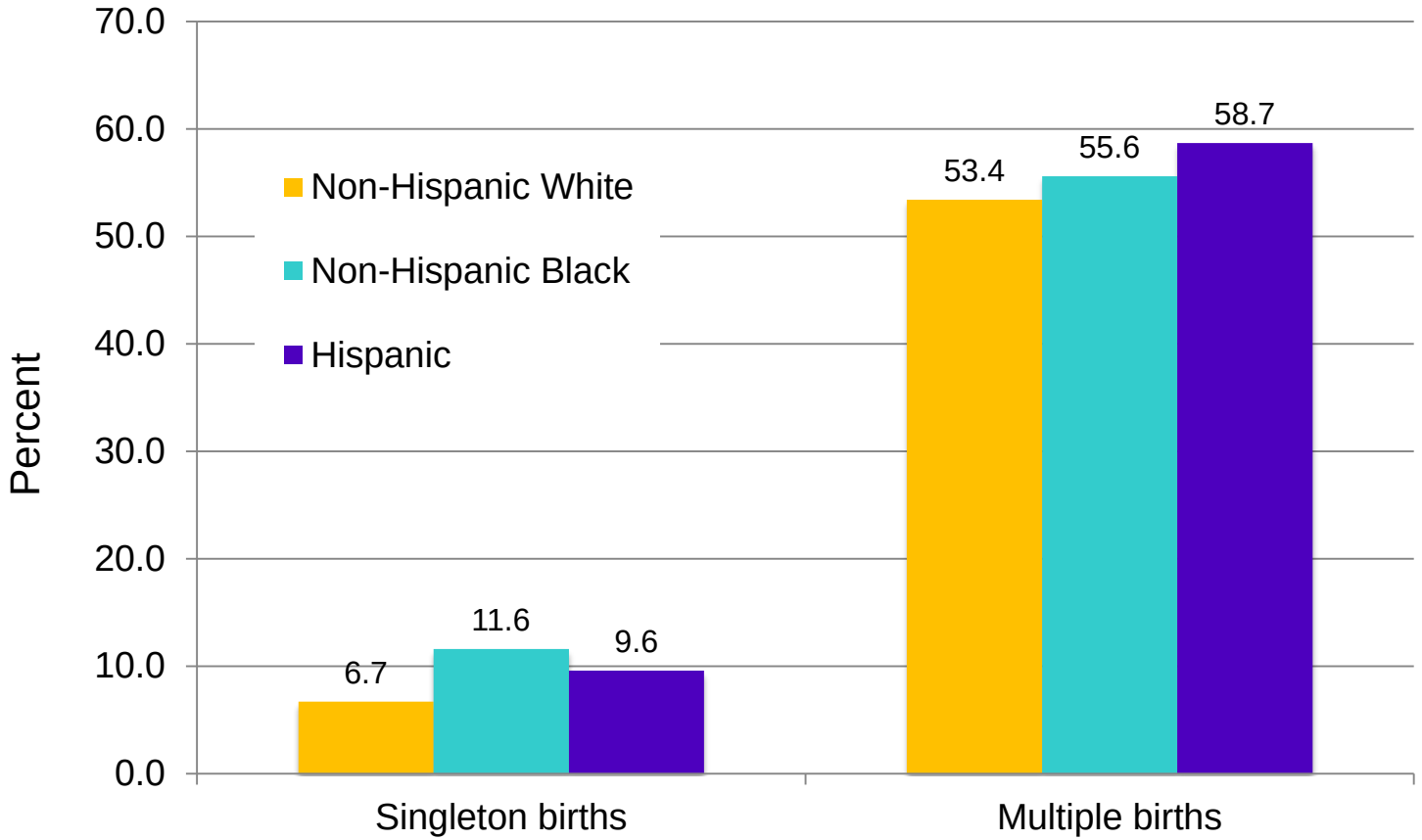
Source: Connecticut Department of Public Health, Vital Statistics (Registration Reports), 2009 ,Table 12

Percent of Preterm and Low Birthweight Births by Plurality Connecticut, 1999-2009



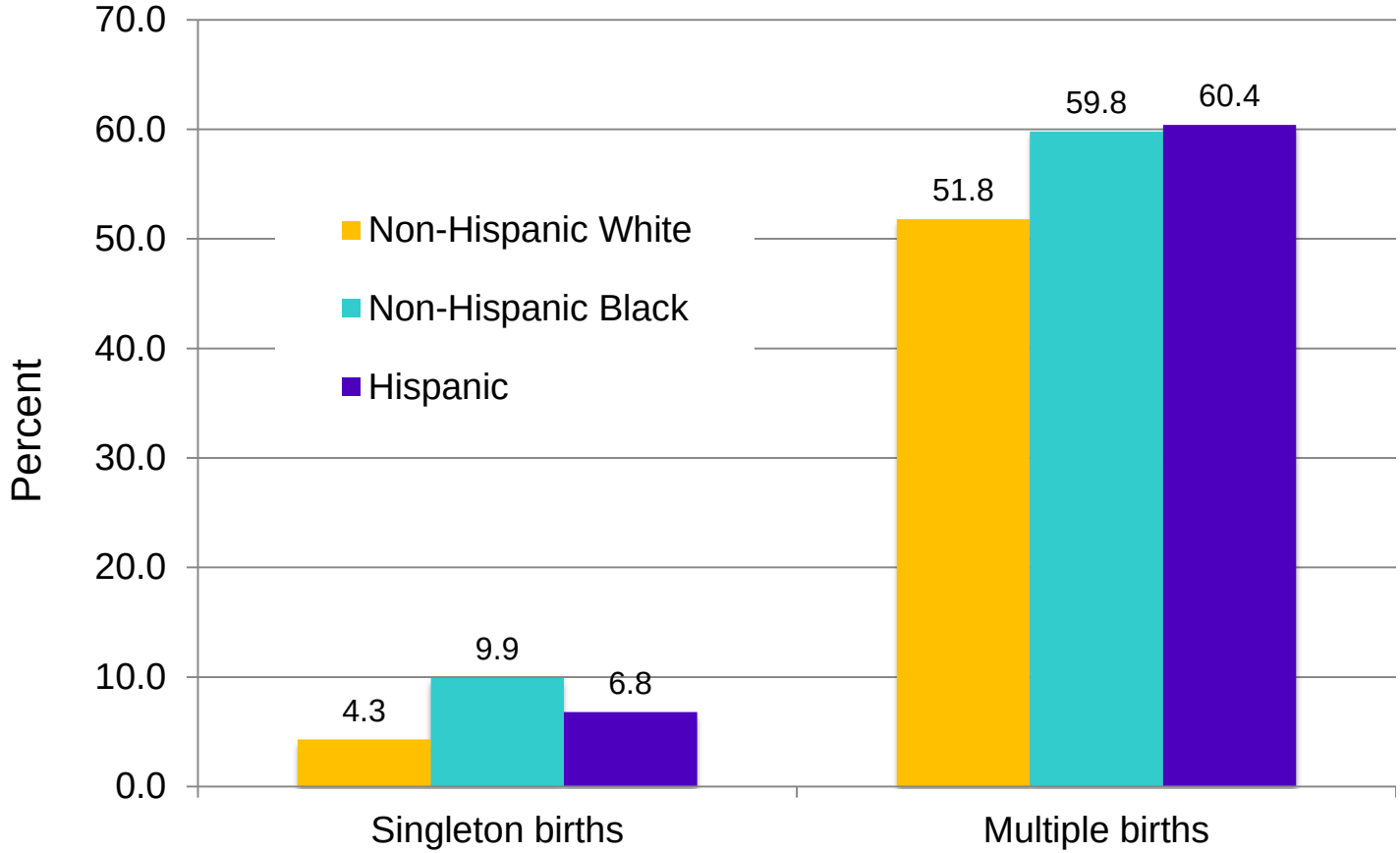
Source: Connecticut Department of Public Health,
Vital Statistics (Registration Reports), 1999-2009, Table 3.
NOTE: Preterm birth (PTB) defined as birth at <37 weeks gestation,
Low birth weight (LBW) defined as <2500 grams

Percent of Preterm Births by Race, Ethnicity, and Plurality Connecticut, 2009



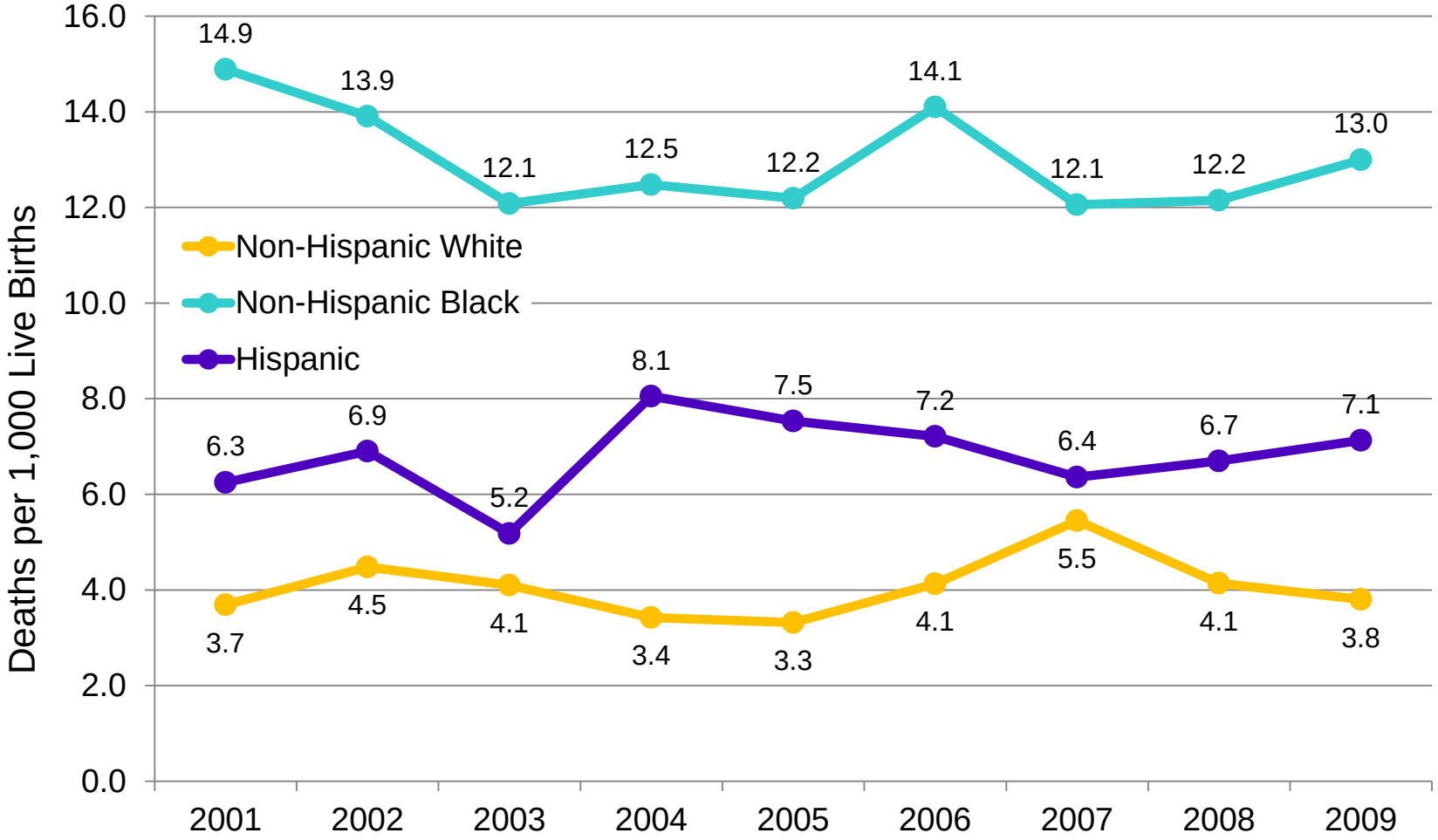
Source: Connecticut Department of Public Health, Vital Statistics (Registration Reports), 2009, Table 3.
NOTE: Preterm birth defined as birth at <37 weeks gestation

Percent of Low Birthweight Births by Race, Ethnicity and Plurality Connecticut, 2009



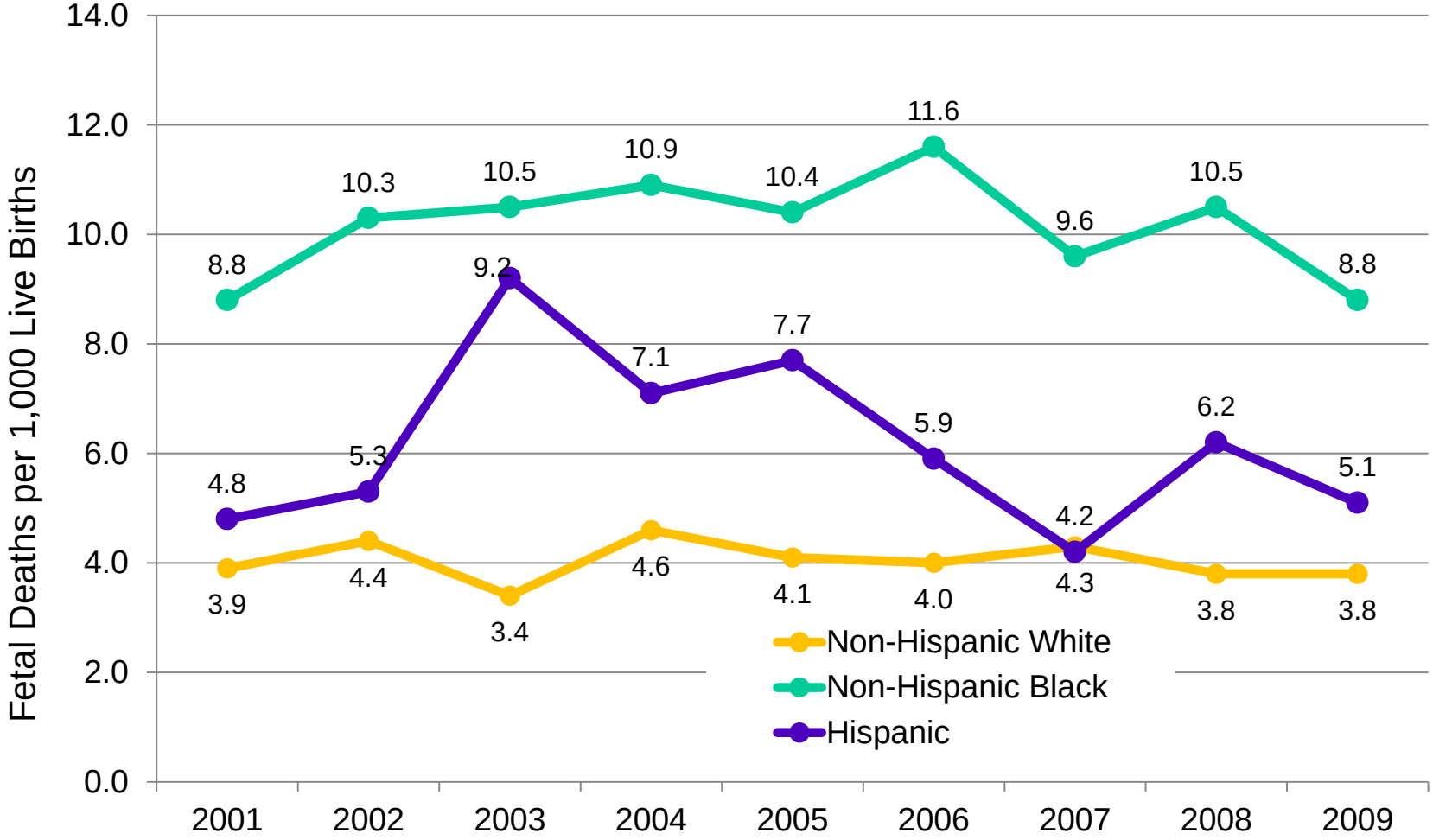
Source: Connecticut Department of Public Health, Vital Statistics (Registration Reports), 2009, Table 3.
NOTE: Low birth weight defined as <2500 grams

Infant Mortality Rate Connecticut, 2001-2009



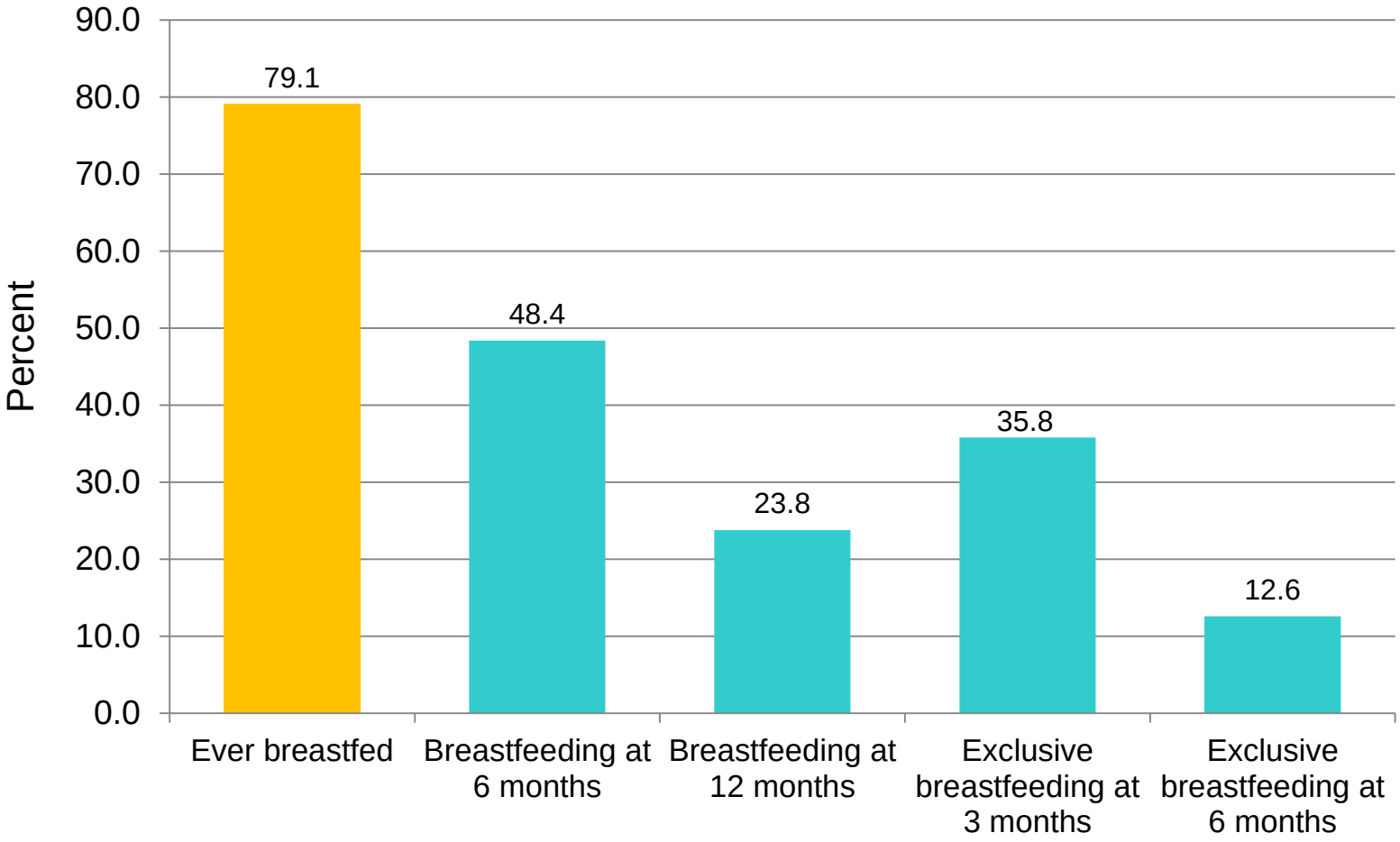
Source: Connecticut Department of Public Health,
Vital Statistics (Registration Reports), 2001-2009, Table 12.
Note: Infant mortality defined as death within 1 year of birth

Fetal Mortality
Connecticut, 2001-2009



Source: Connecticut Department of Public Health,
Vital Statistics (Registration Reports), 2001-2009, Table 12.

Percent of Mothers Who Breastfed Connecticut, 2009



Source: Centers for Disease Control and Prevention, Breastfeeding Report Card, 2012, data from 2009 National Immunization Survey

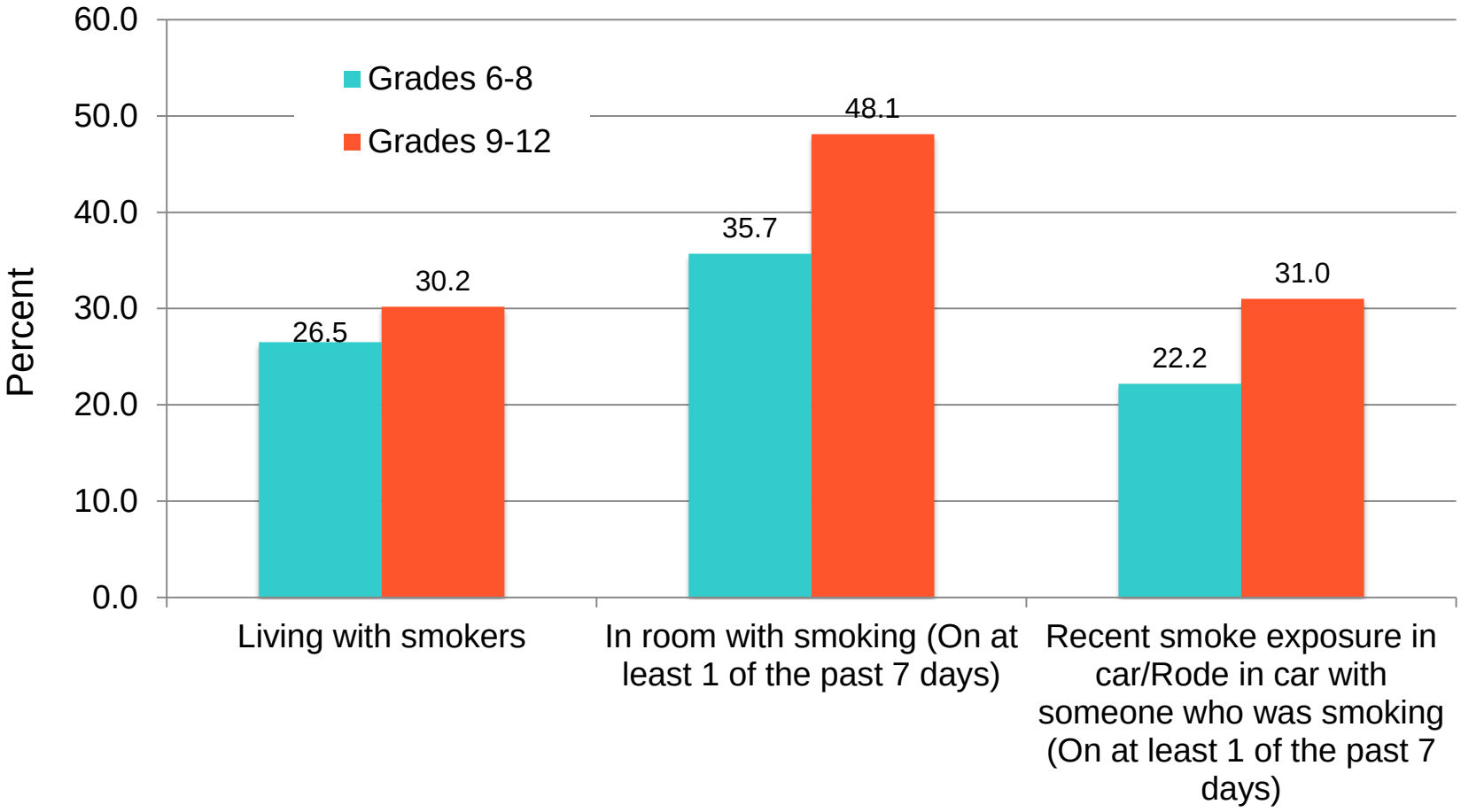
CHRONIC DISEASE PREVENTION AND CONTROL

Known Modifiable Risk Factors for Most Common Chronic Diseases

	Asthma	Cancer	CVD	Diabetes
Lack of physical activity	√	√	√	√
Poor nutrition	√	√	√	√
Tobacco use	√	√	√	√
Excessive alcohol use		√	√	√
Obesity*	√	√	√	√
Hypertension/high blood pressure*			√	√
High cholesterol*			√	√
Exposure to second-hand smoke*	√	√	√	
Poor oral health*			√	√

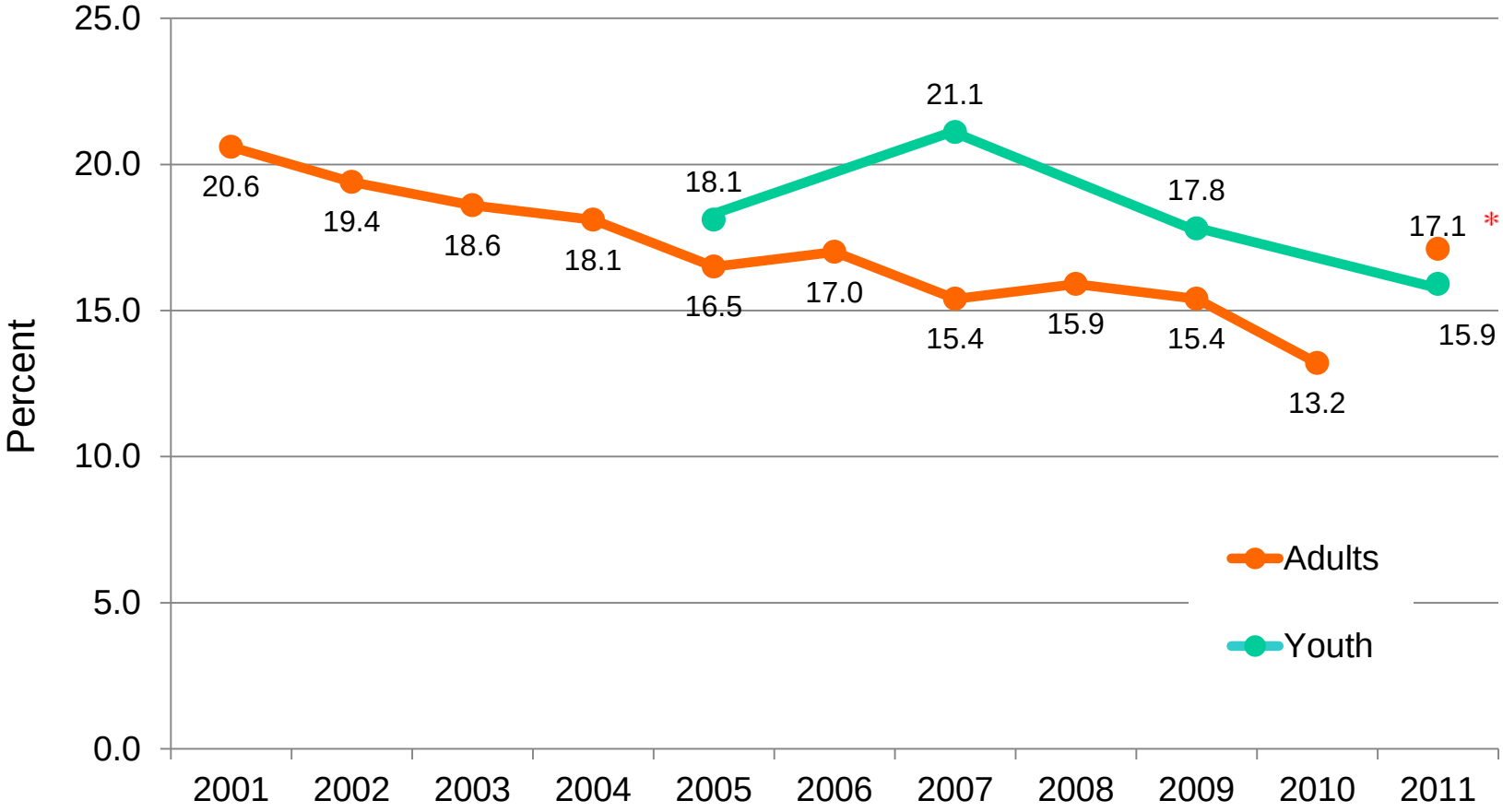
Bolded indicators are identified by CDC. Asterisks (*) mark indicators identified by Chronic Disease Executive Committee via research.
Source: Table recreated from Connecticut Chronic Disease Prevention Plan, Working draft, 2010.

Percent of Non-smoking Students with Tobacco Exposure, Connecticut, 2011



Source: Connecticut Youth Risk Behavior Survey, 2011.

Percent of Current Smokers Connecticut 2001-2011

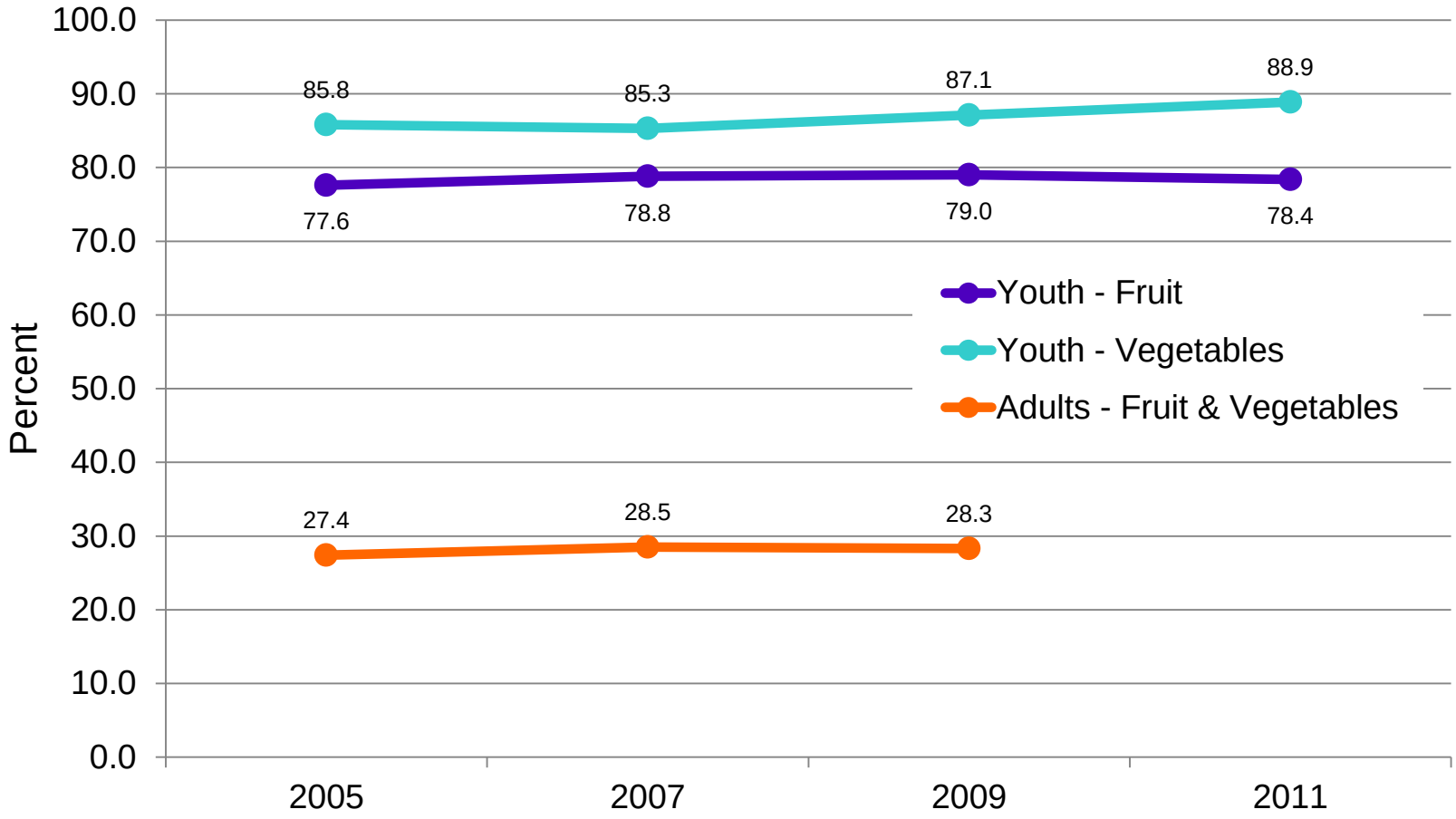


* Break in trend for adults due to new weighting in 2011

Source: Connecticut Behavioral Risk Factor Surveillance System, 2001-2011; Connecticut Youth Risk Behavior Survey, 2005-2011.

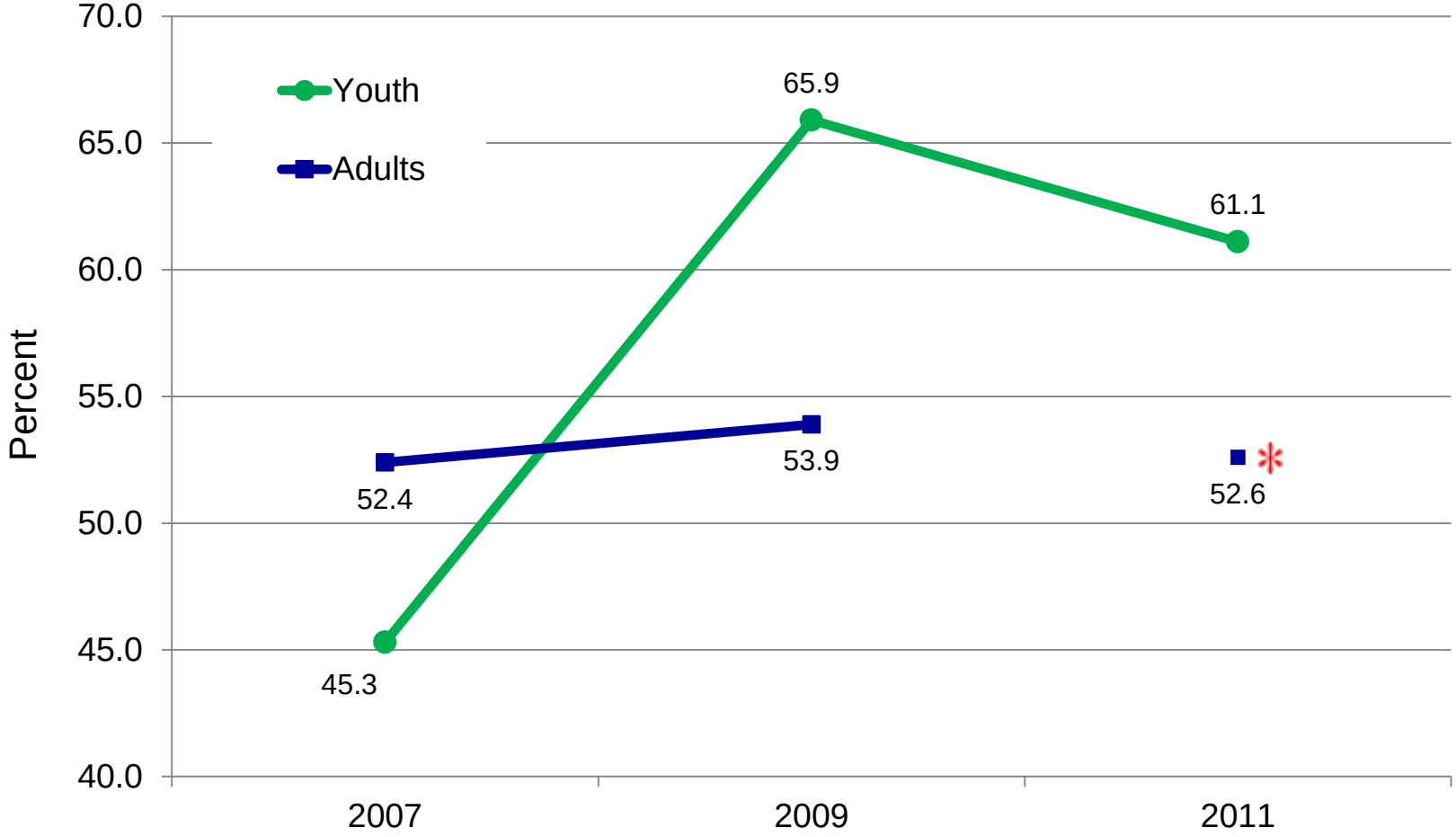
Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

Percent with Recommended Fruit and Vegetable Consumption Connecticut, 2005-2011



Source: Connecticut Behavioral Risk Factor Surveillance System and Youth Risk Behavioral Survey, 2005-2011.

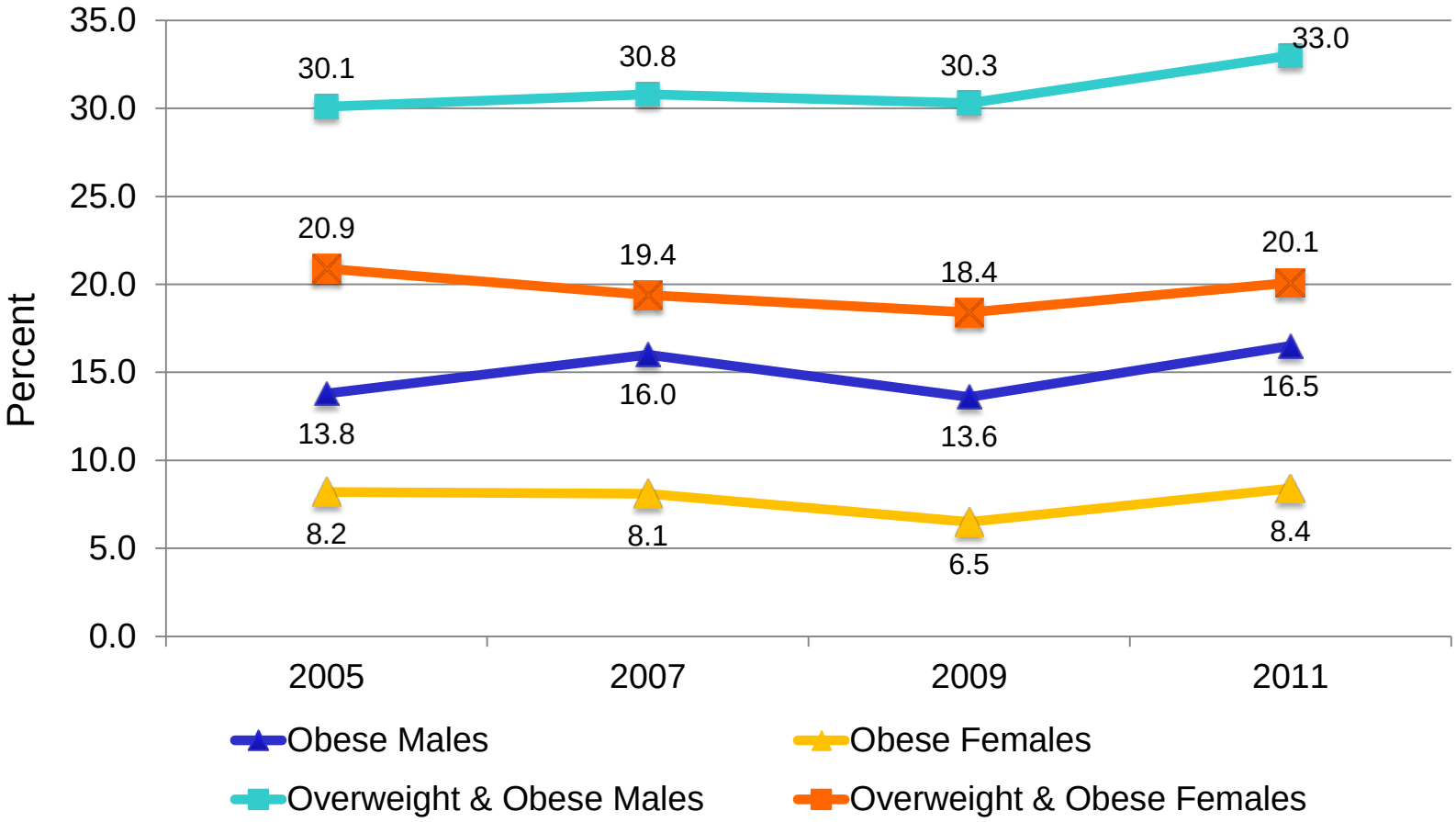
Percent Who Met Physical Activity Guidelines Connecticut, 2007-2011



* Break in trend due to new weighting in 2011

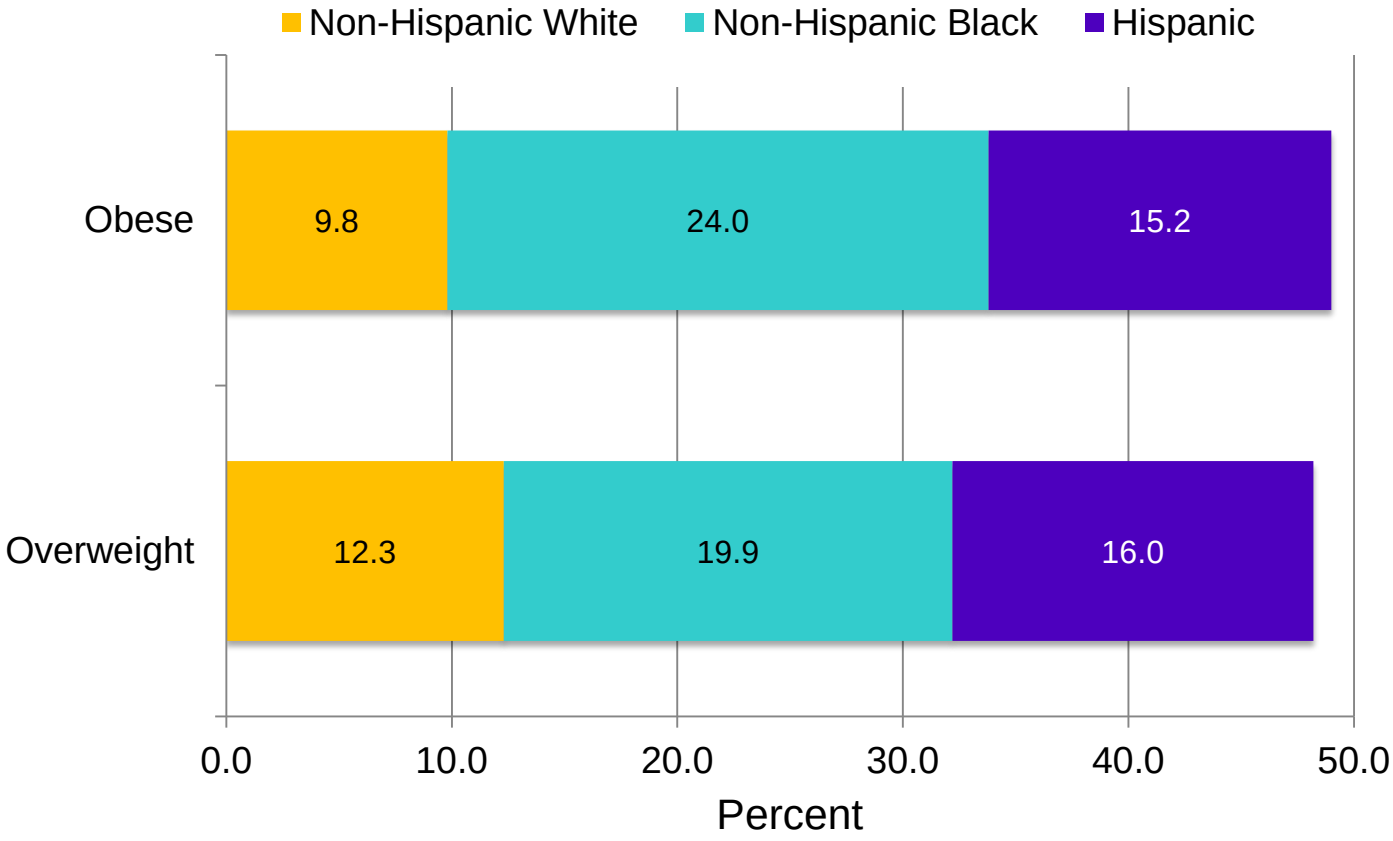
Source: Connecticut Youth Risk Behavior Survey, 2007-2011;
Connecticut Behavioral Risk Factor Surveillance System, 2007-2011.

Percent Overweight & Obesity Students in Grades 9-12 by Sex Connecticut, 2005-2011



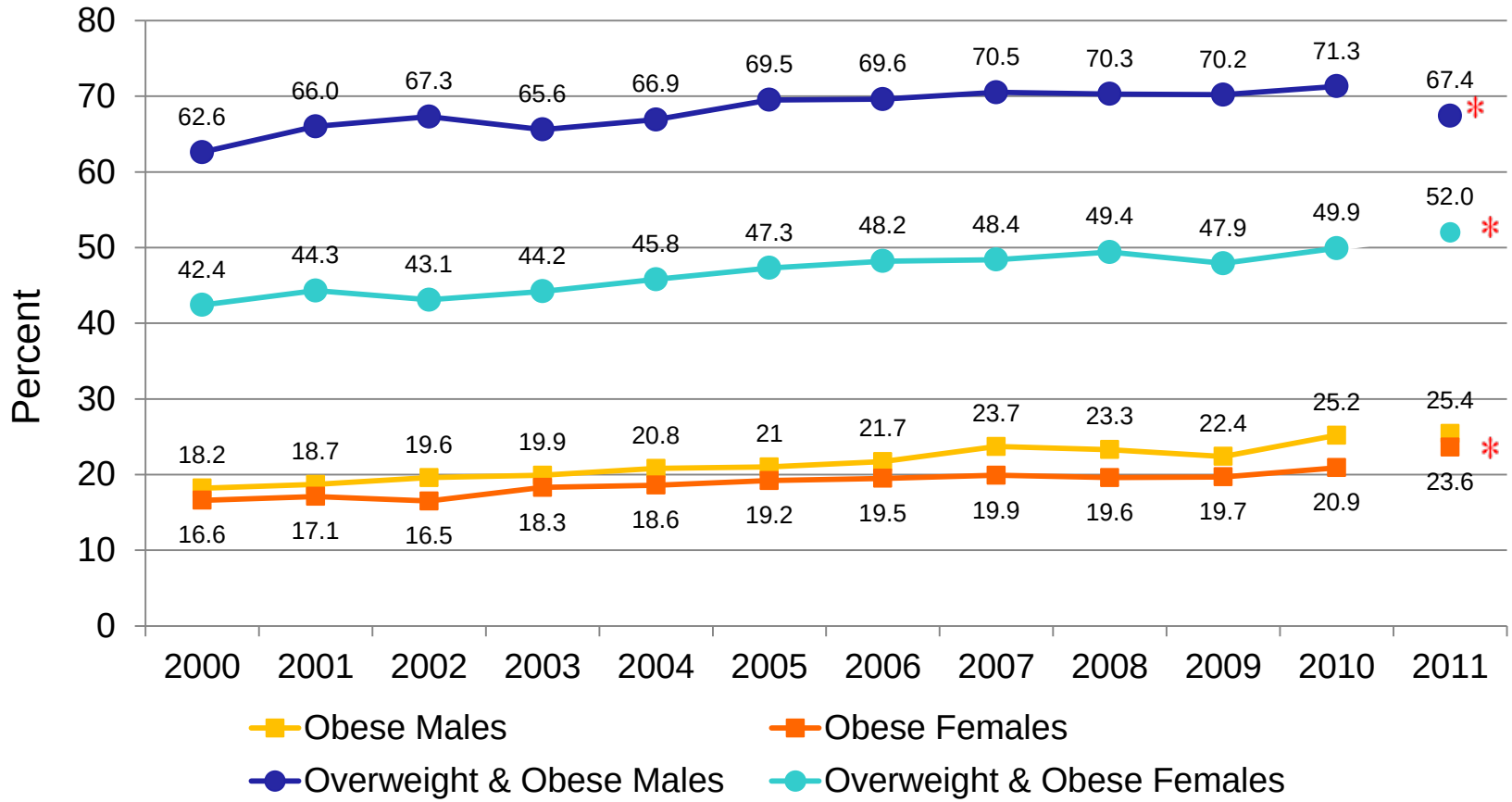
Source: Connecticut Youth Risk Behavior Survey, 2005-2011.

Percent Overweight & Obesity Students in Grades 9-12 by Race/Ethnicity Connecticut, 2011



Source: Connecticut Youth Risk Behavior Survey, 2011.

Percent Overweight and Obesity Adults 18+ Years of Age Connecticut, 2001-2011

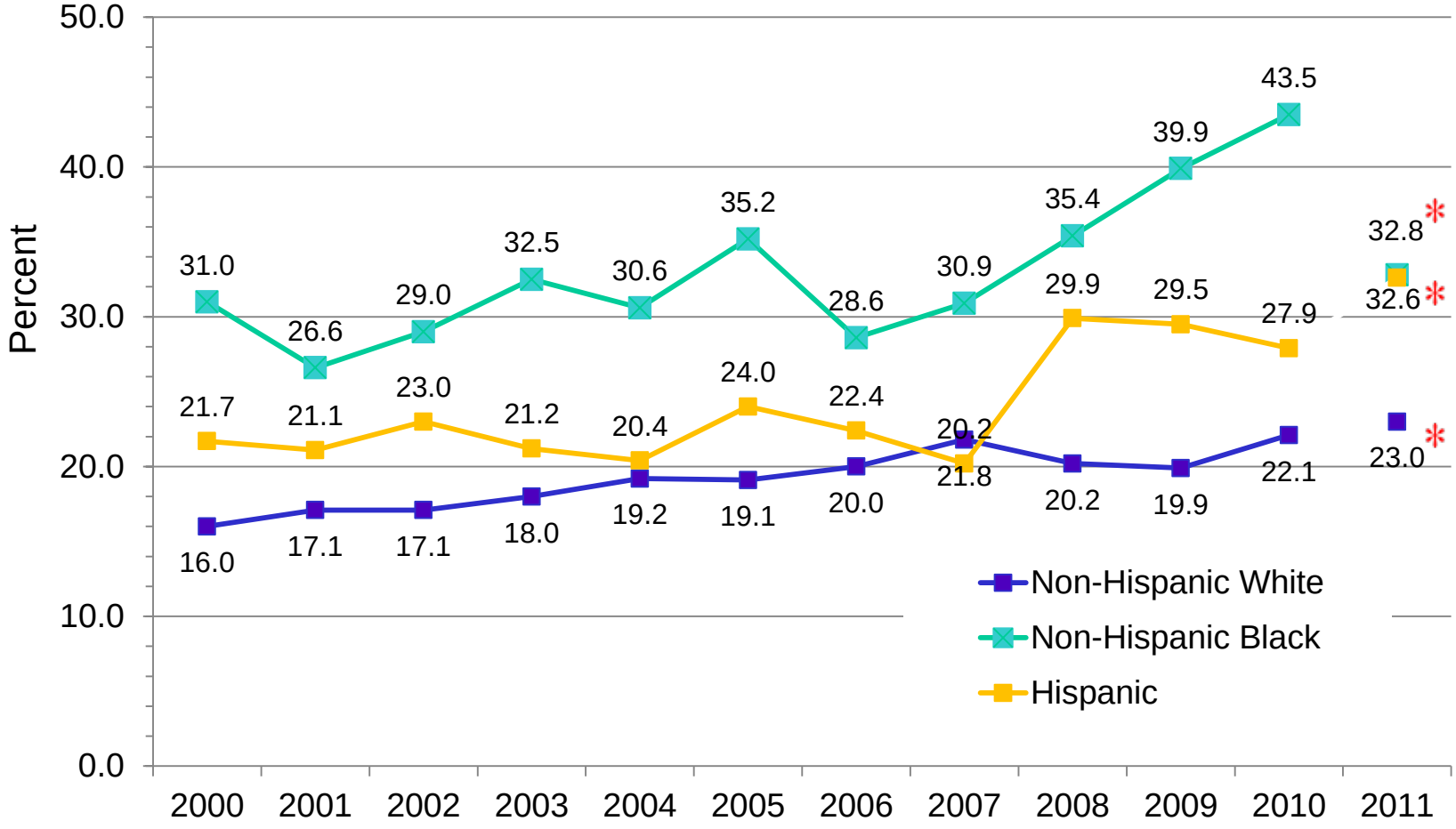


* Break in trend due to new weighting in 2011

Source: Connecticut Behavioral Risk Factor Surveillance System, 2001-2011.

Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

Percent of Obese Adults, by Race/Ethnicity Connecticut, 2000-2011

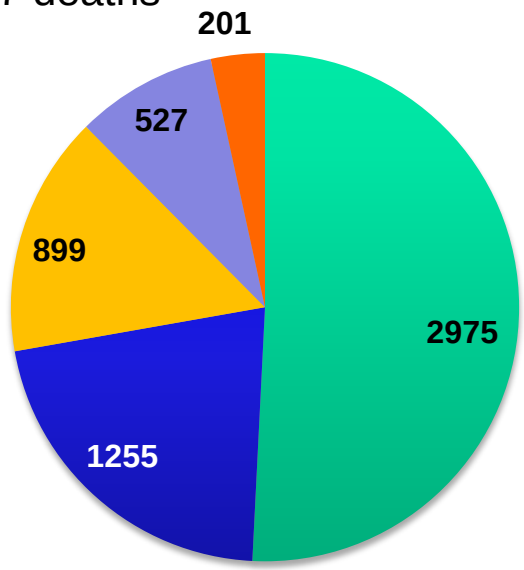


* Break in trend due to new weighting in 2011

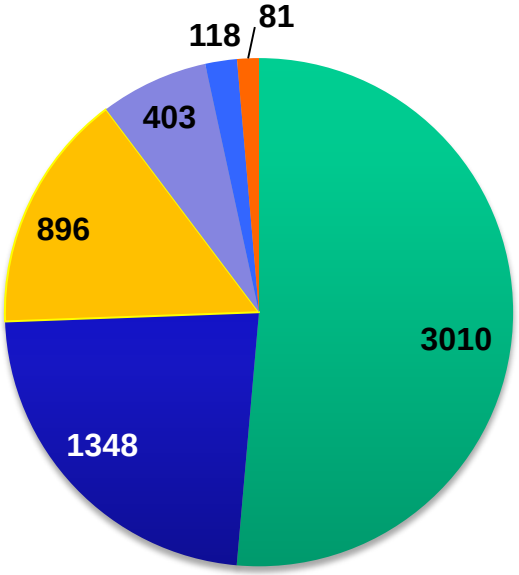
Source: Connecticut Behavioral Risk Factor Surveillance System, 2000-2011.

Number of New Cancer Cases by Cancer Site and Sex Connecticut, 2009

Males
n=5,857 deaths



Females
n=5,856 deaths

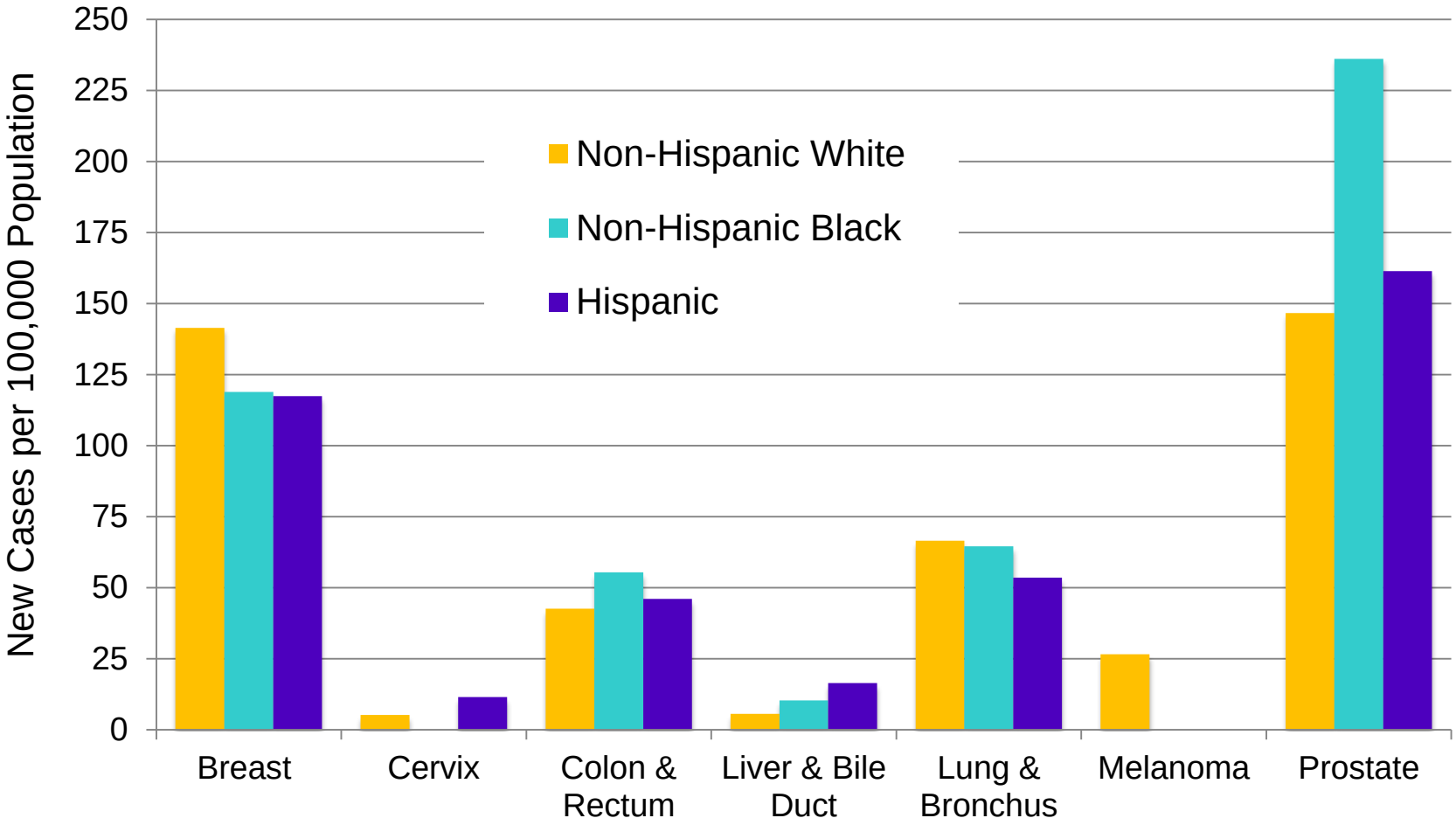


- Prostate
- Lung & Bronchus
- Colon & Rectum
- Melanoma
- Liver & Bile Duct

- Breast
- Lung & Bronchus
- Colon & Rectum
- Melanoma
- Cervix
- Liver & Bile Duct

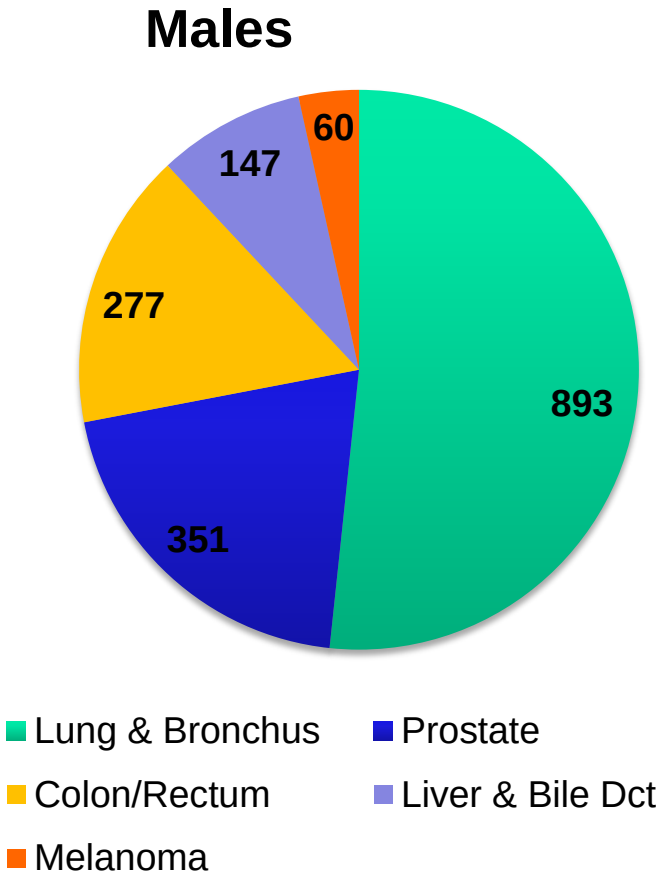
Source: CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS), 2009, from NCI State Cancer Profiles.

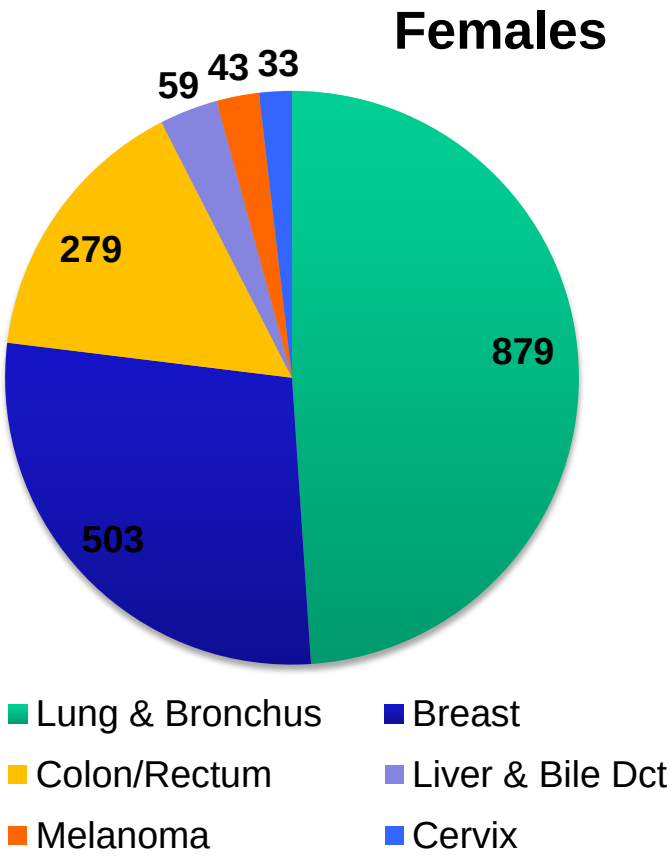
Cancer Incidence Rate by Cancer Site and Race/Ethnicity Connecticut, 2009



Source: CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS), 2009, from NCI State Cancer Profiles.

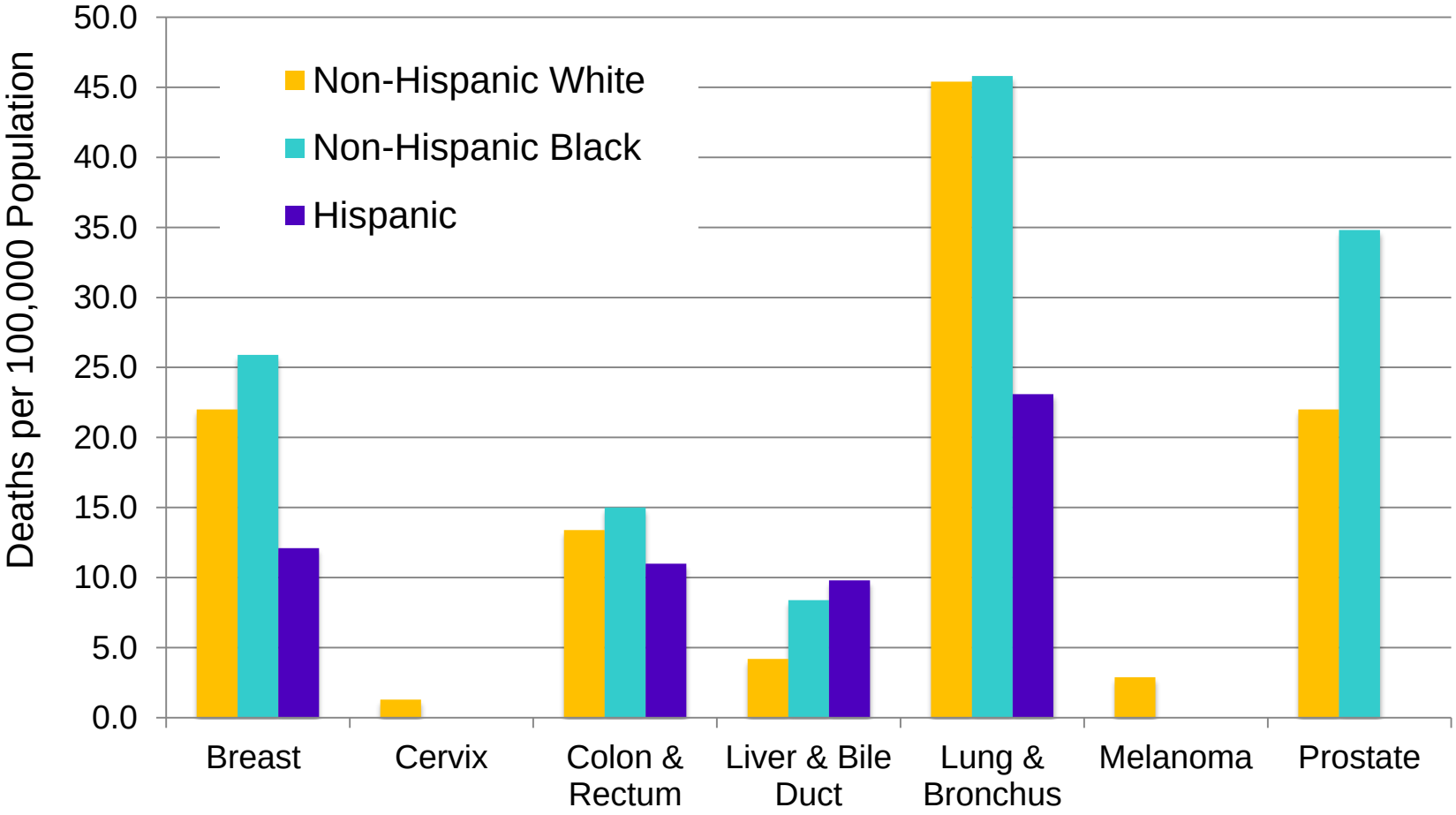
Number of Cancer Deaths by Cancer Site and Sex Connecticut, 2009





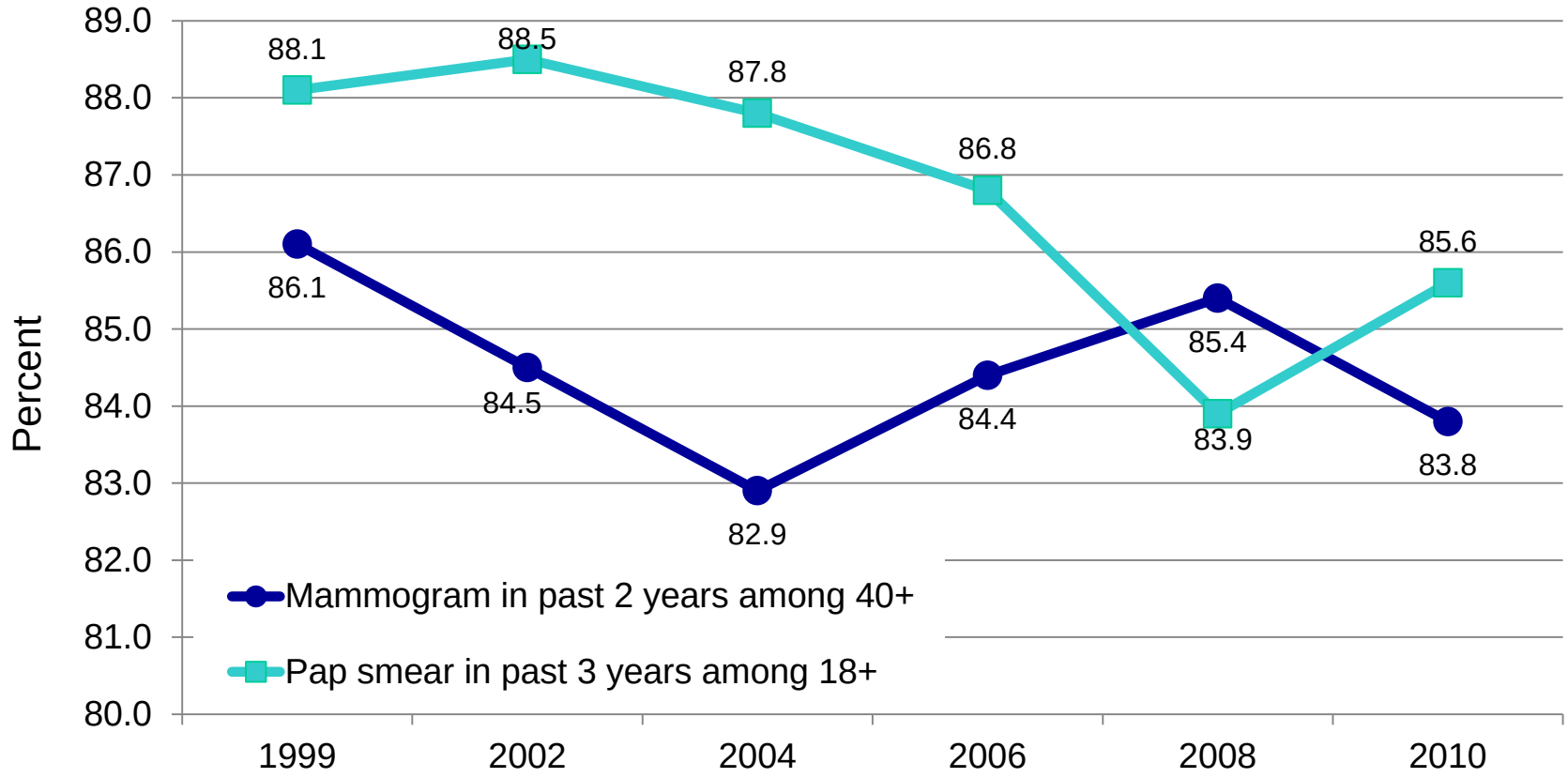
Source: CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS), 2009, from NCI State Cancer Profiles.

Cancer Mortality Rate by Cancer Site and Race/Ethnicity Connecticut, 2009



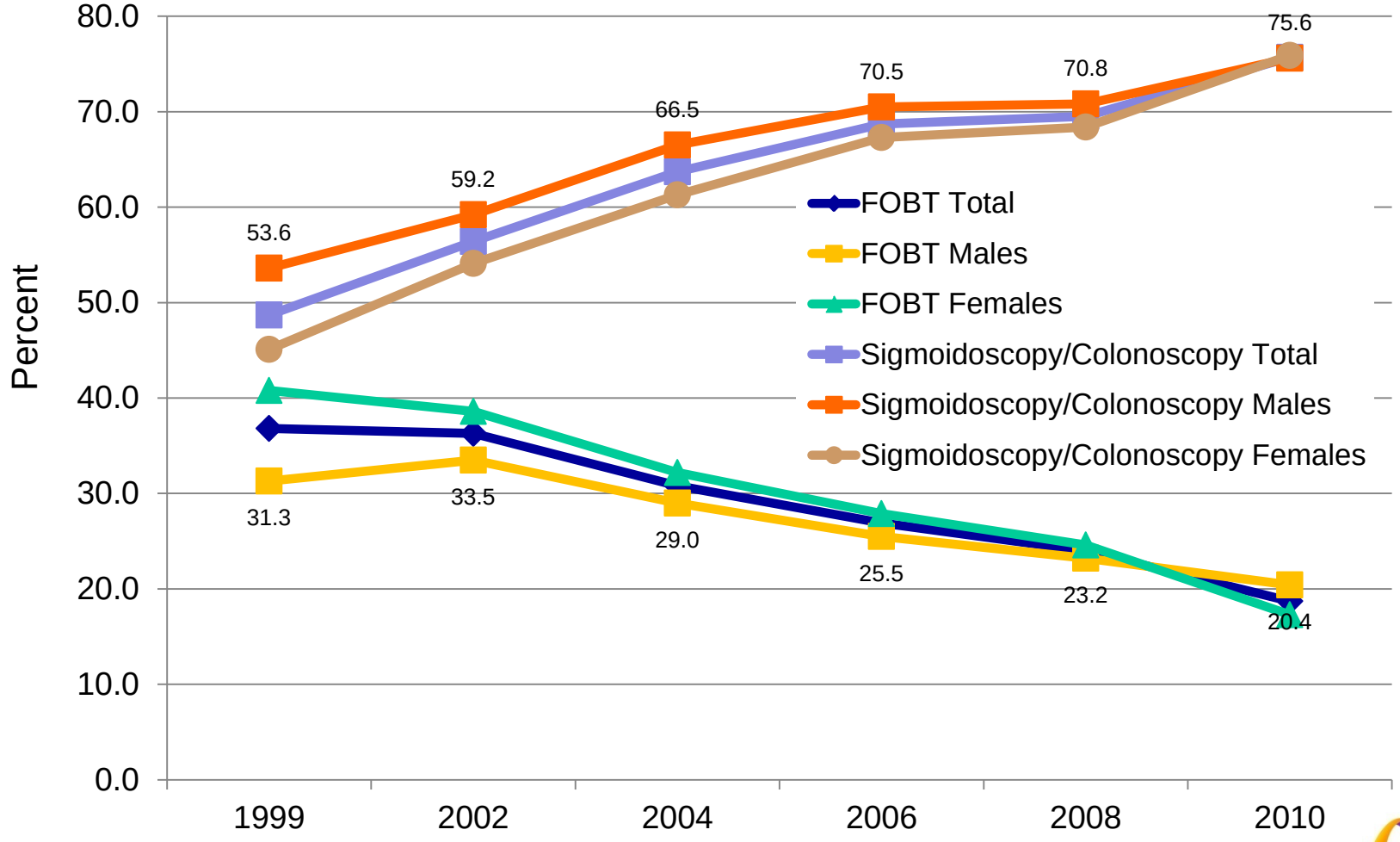
Source: CDC's National Program of Cancer Registries Cancer Surveillance System (NPCR-CSS), 2009, from NCI State Cancer Profiles.

Percent of Women Screened for Breast and Cervical Cancers Connecticut, 1999-2010



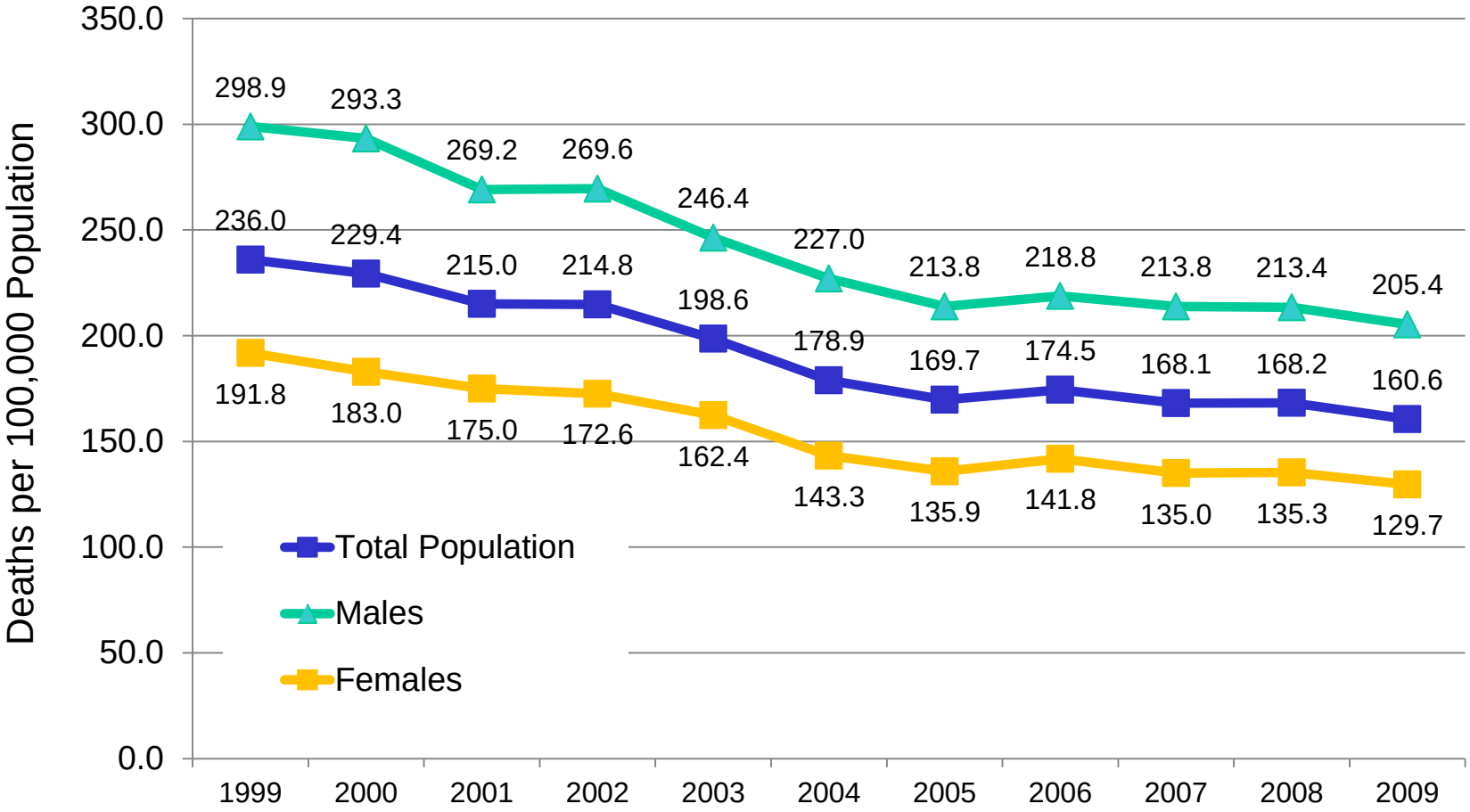
Source: Connecticut Behavioral Risk Factor Surveillance System, 1999-2010.
Mammogram for women 40+ years of age and Pap for women 18+ years of age.

Percent of Adults 50+ Years of Age Screened for Colorectal Cancer Connecticut, 1999-2010



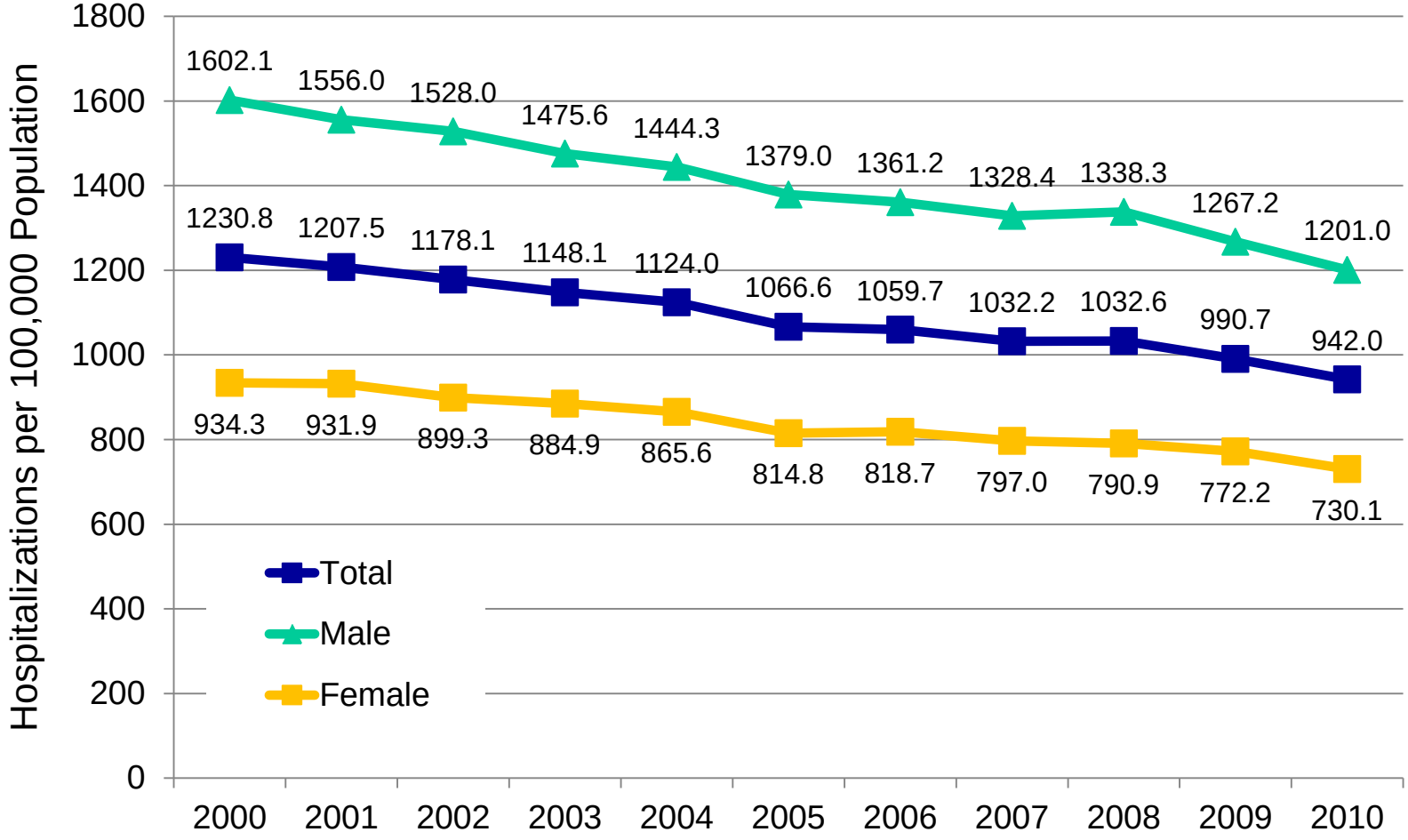
Source: Connecticut Behavioral Risk Factor Surveillance System, 1999-2010.

Heart Disease Age-adjusted Mortality Rate Connecticut, 1999-2009



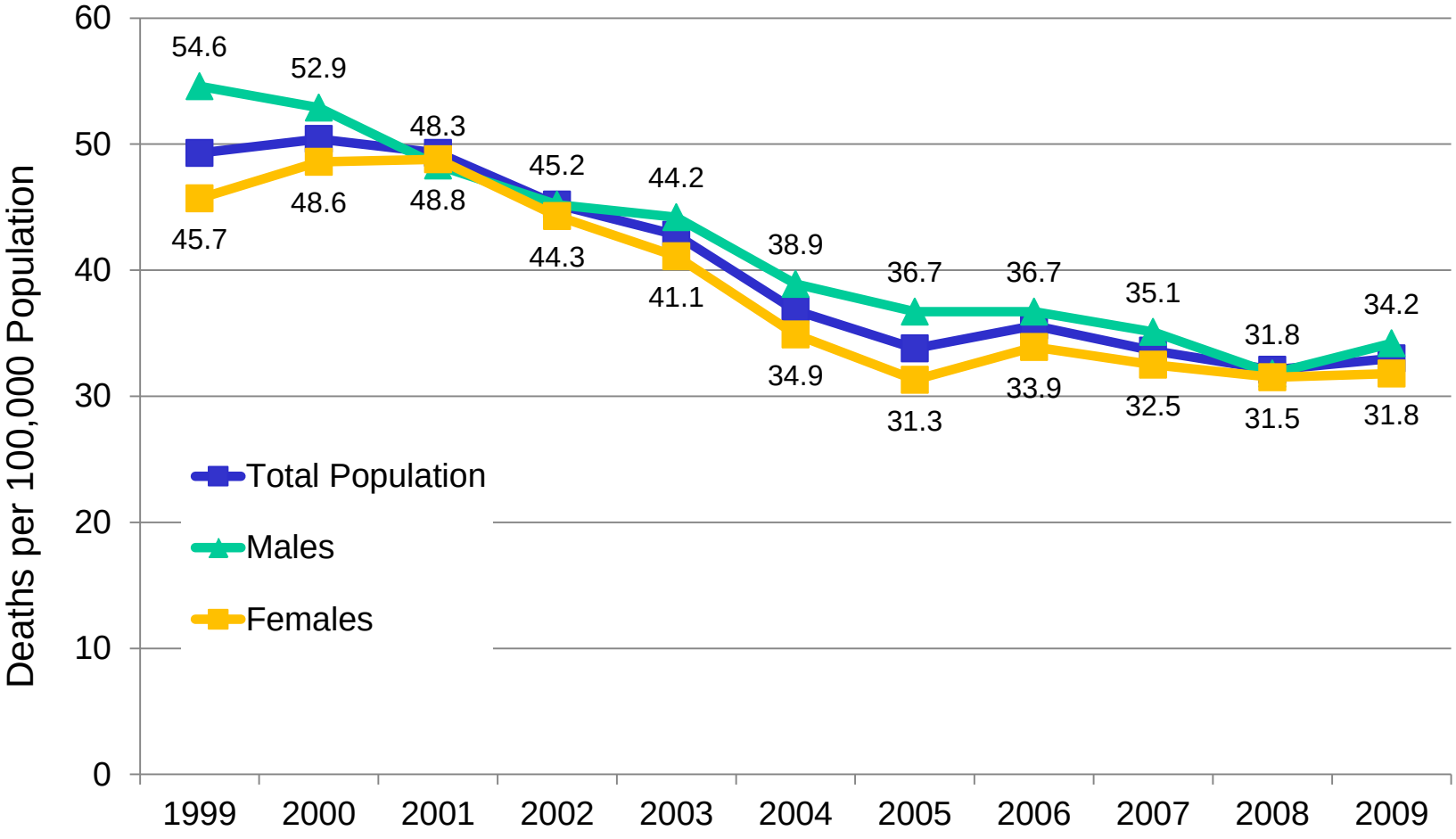
Source: Connecticut Department of Public Health, Vital Statistics (Registration Reports), Mortality Tables Statewide Age-Adjusted Mortality Rates, 1999-2009.

Heart Disease Age-adjusted Hospitalization Rate Connecticut, 2000-2010



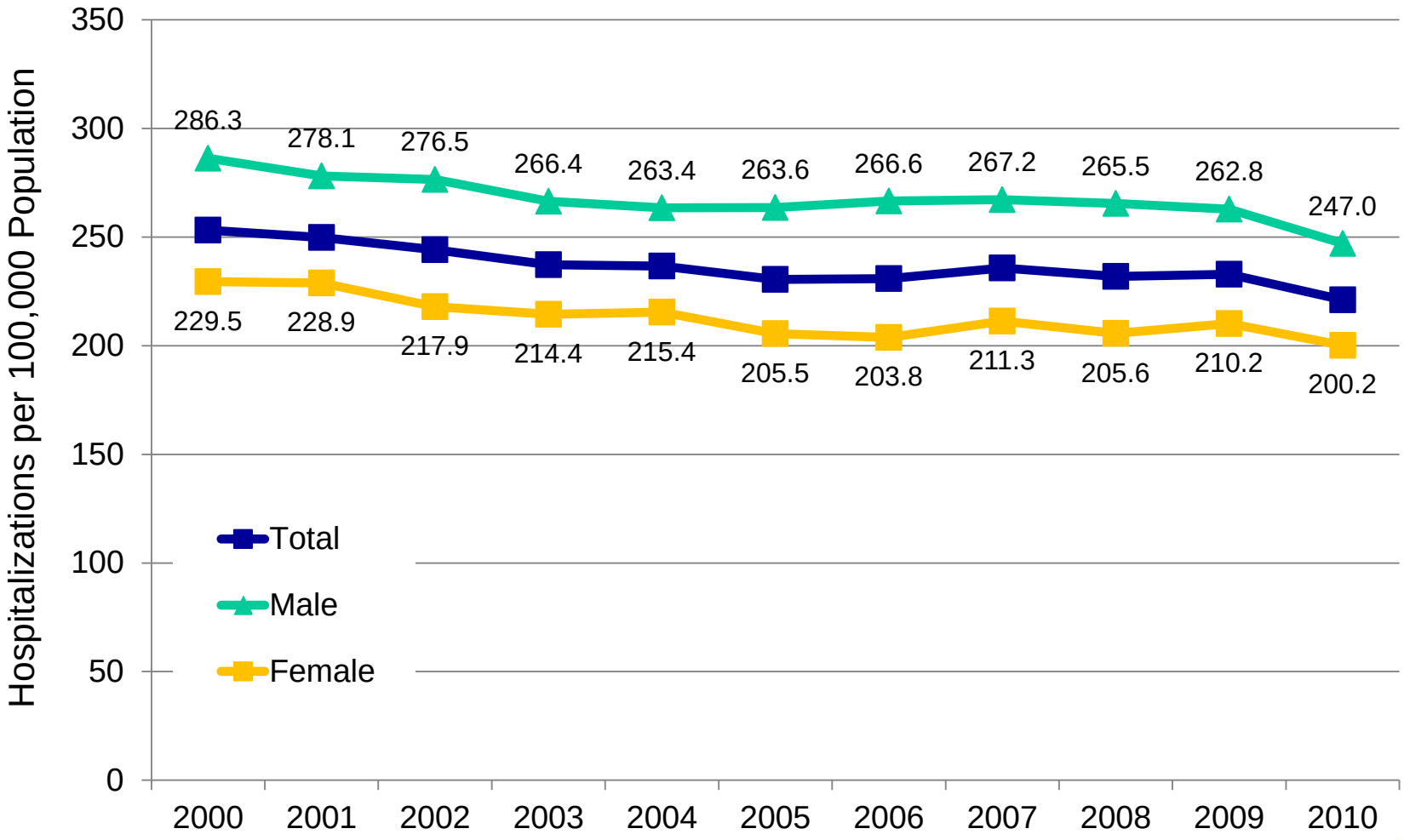
Source: Connecticut Department of Public Health, Hospitalization Tables, 2000-2010, Table H-1.

Stroke Age-adjusted Mortality Rate Connecticut, 1999-2009



Source: Connecticut Department of Public Health, Vital Statistics (Registration Reports), Mortality Tables Statewide Age-Adjusted Mortality Rates, 1999-2009.

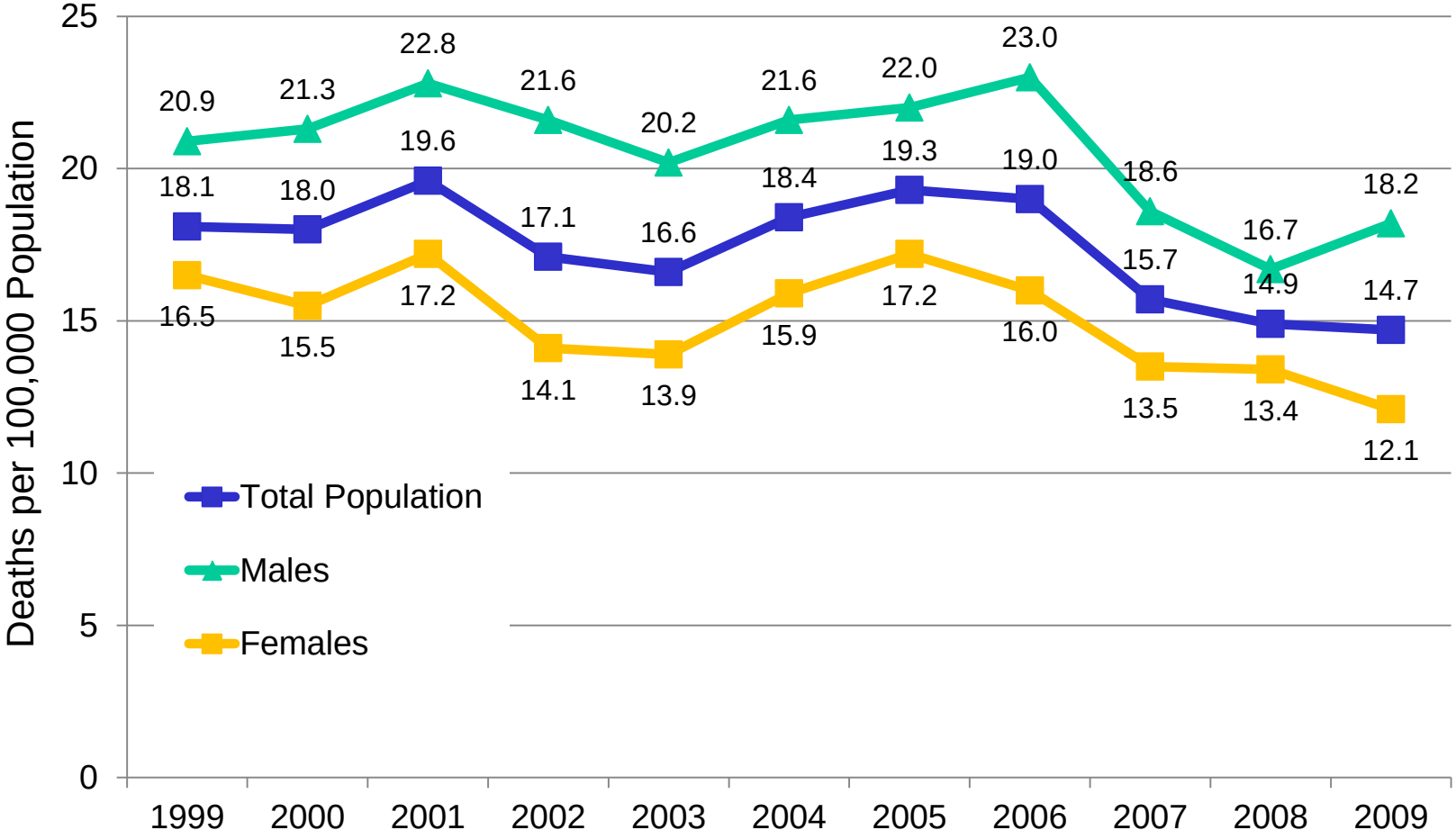
Stroke Age-adjusted Hospitalization Rate Connecticut, 2000-2010



Source: Connecticut Department of Public Health, Hospitalization Tables, 2000-2010, Table H-1.

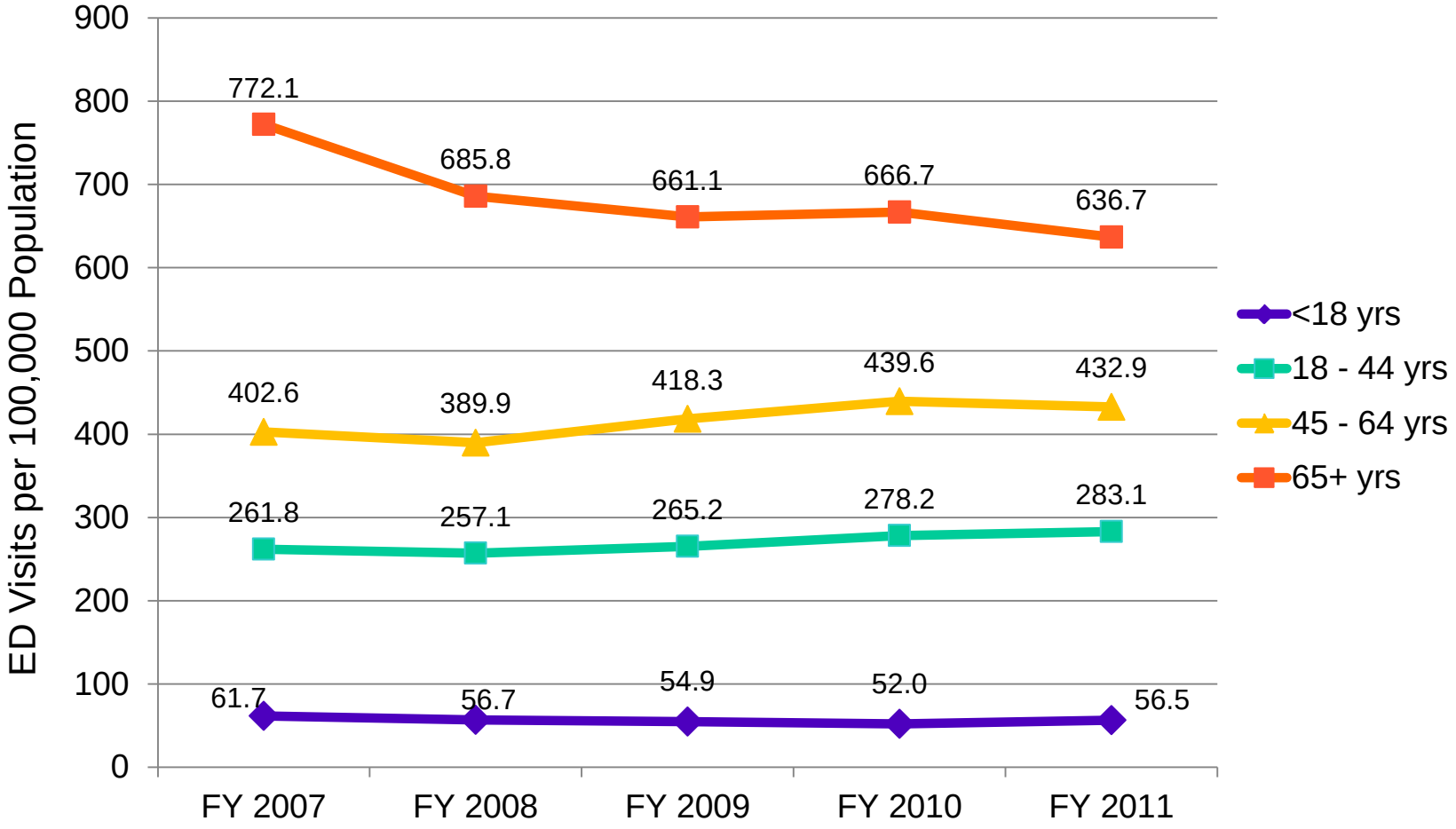
Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

Diabetes Age-adjusted Mortality Rate Connecticut, 1999-2009



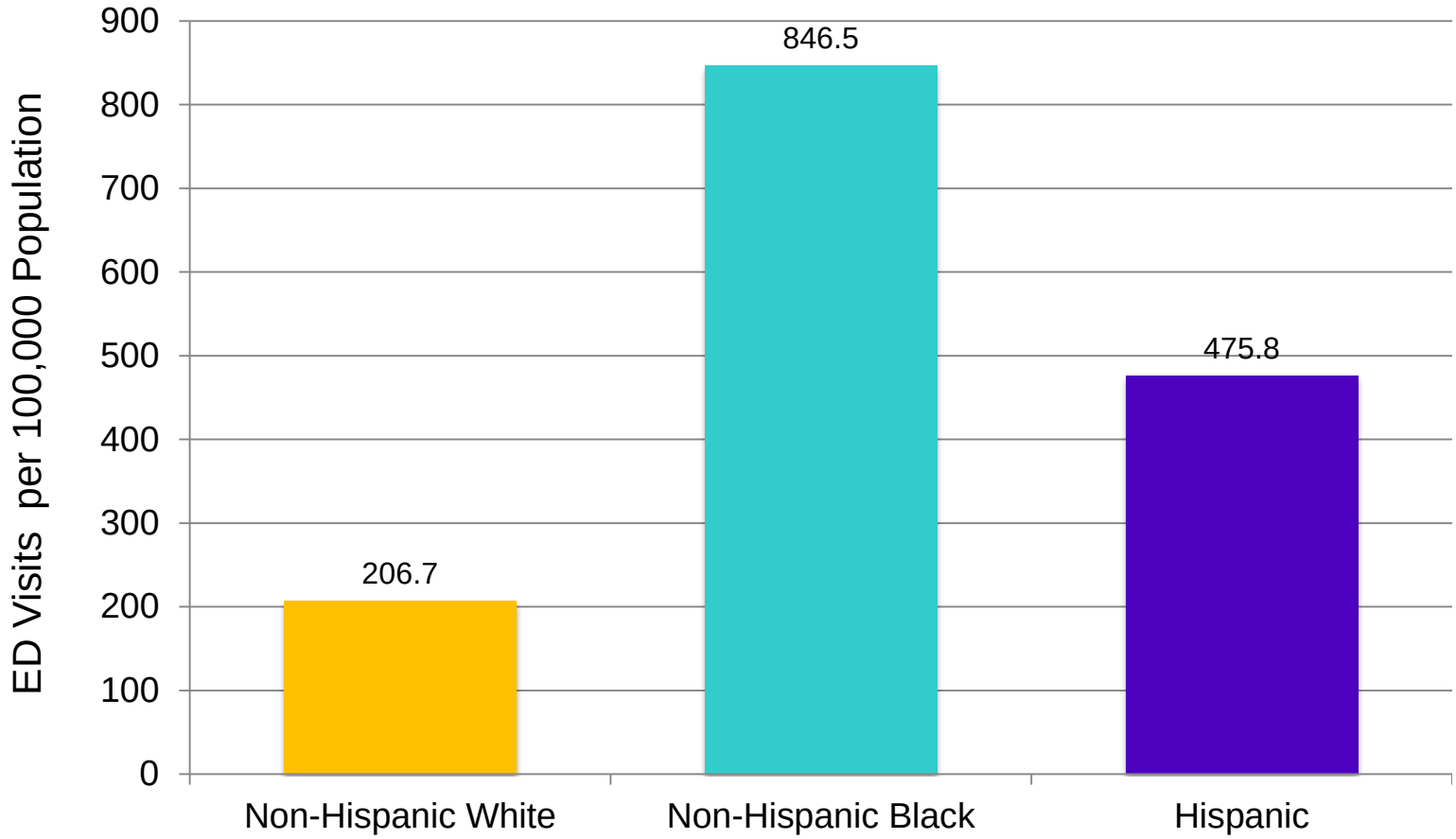
Source: Connecticut Department of Public Health,
Vital Statistics, Mortality Tables,
Statewide Age-Adjusted Mortality Rates, 1999-2009.

Diabetes ED Visits by Age, Connecticut , FY 2007-FY 2011



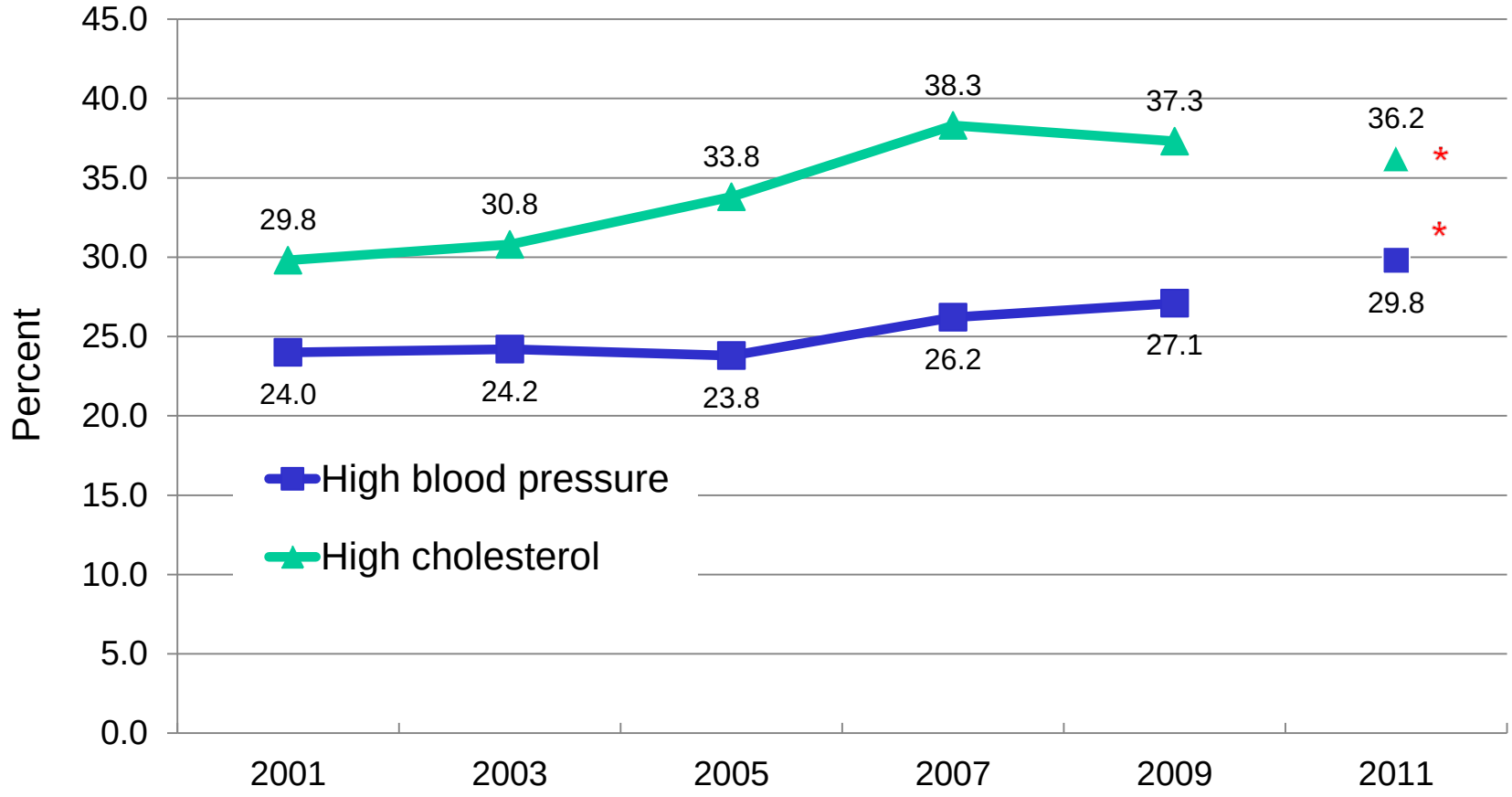
Source: Connecticut Department of Public Health, OCHA from *Connecticut Hospital Association CHIME, Inc. Emergency Department Database.*

Diabetes ED Visits by Race and Ethnicity Connecticut, FY 2007-FY 2011



Source: Connecticut Department of Public Health, OCHA from *Connecticut Hospital Association CHIME, Inc. Emergency Department Database.*

Percent of Adults Ever Told by a Provider They Had High Blood Pressure or High Cholesterol Connecticut, 2001-2011

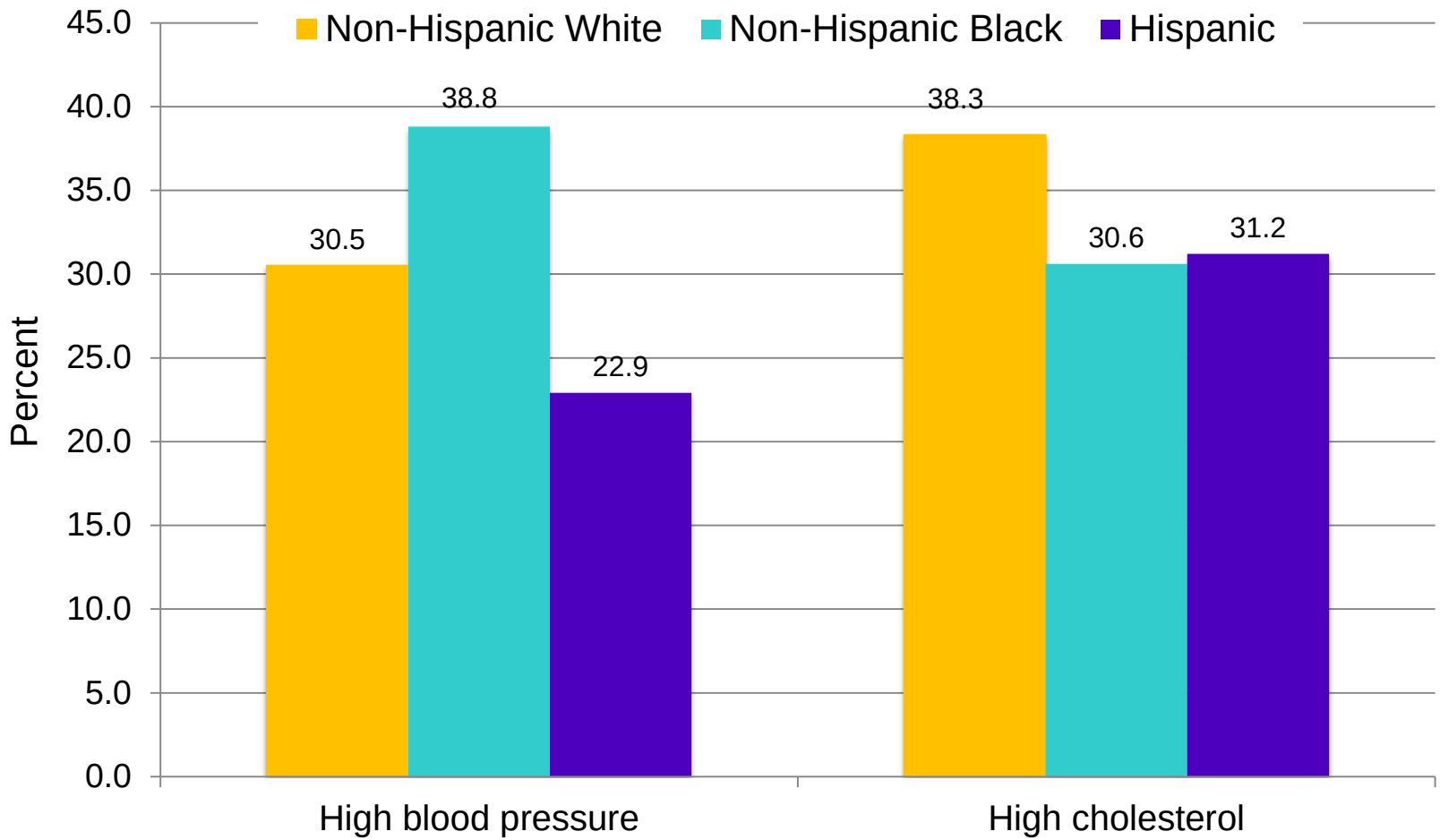


* Break in trend due to new weighting in 2011

Source: Connecticut Behavioral Risk Factor Surveillance System, 2001-2011.

Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

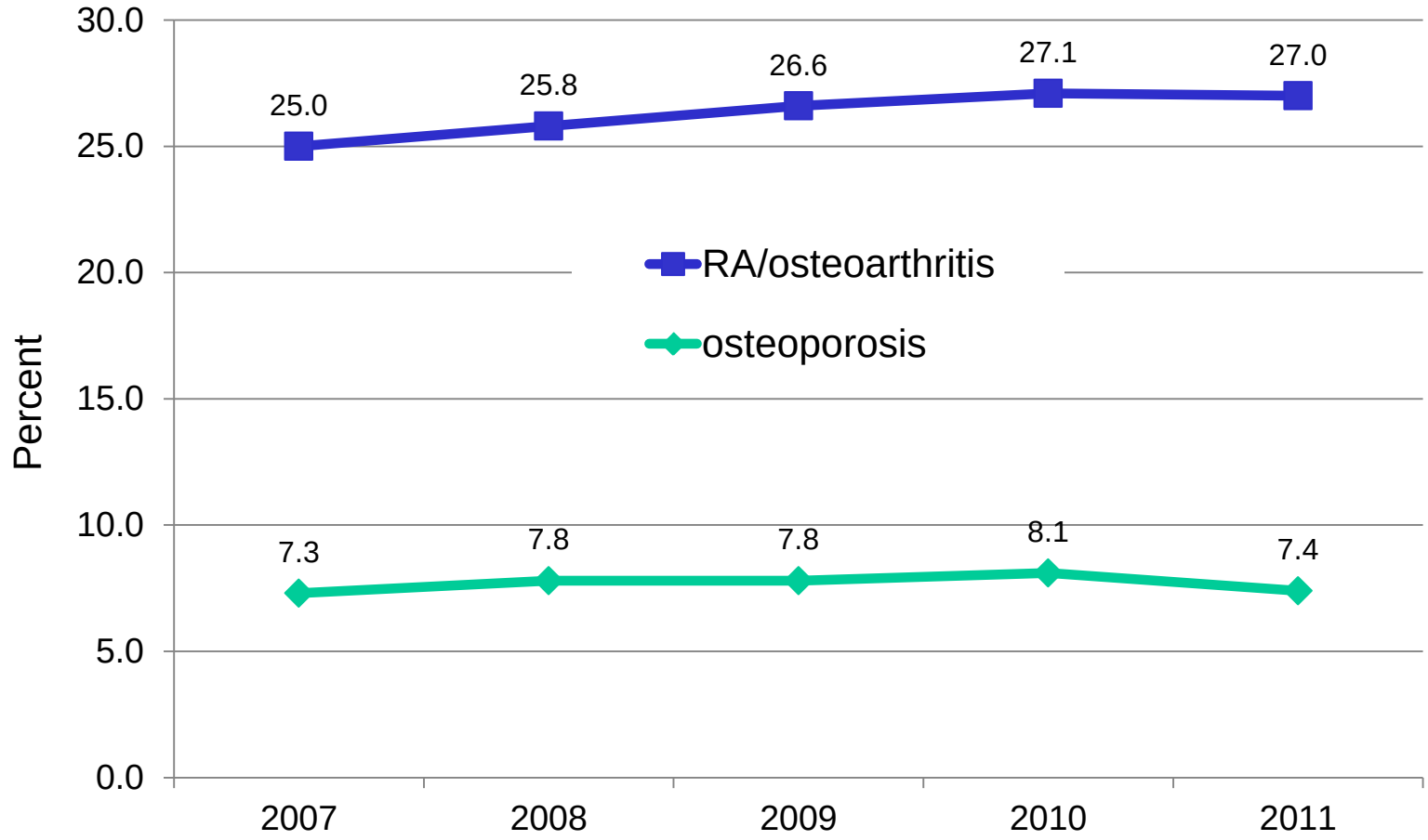
Percent of Adults Ever Told by a Provider They Had High Blood Pressure or Cholesterol, By Race/Ethnicity Connecticut, 2011



Source: Connecticut Behavioral Risk Factor Surveillance System, 2011.

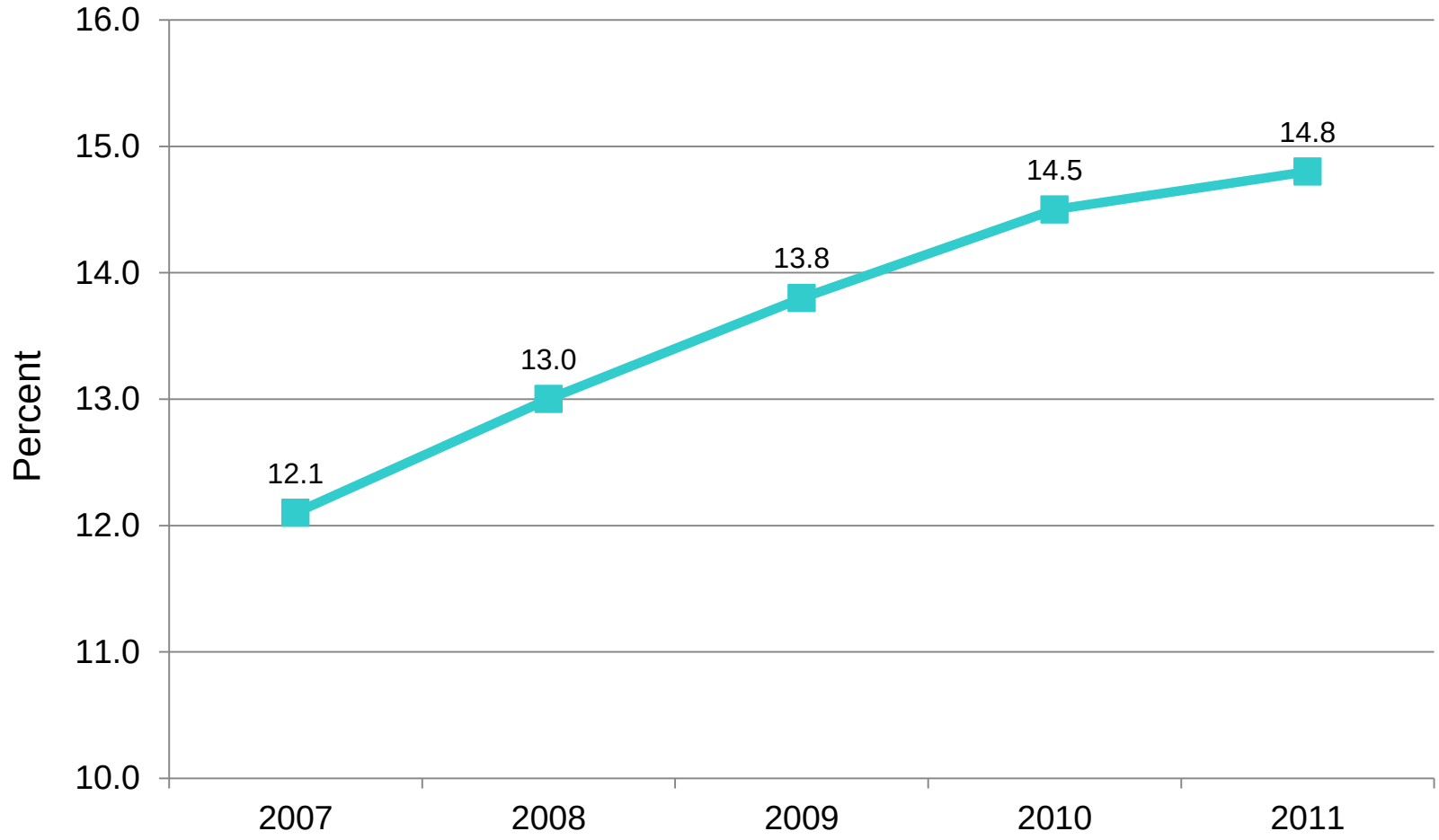
Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

Percent of Medicare Beneficiaries with RA/Osteoarthritis and Osteoporosis Connecticut, 2007-2011



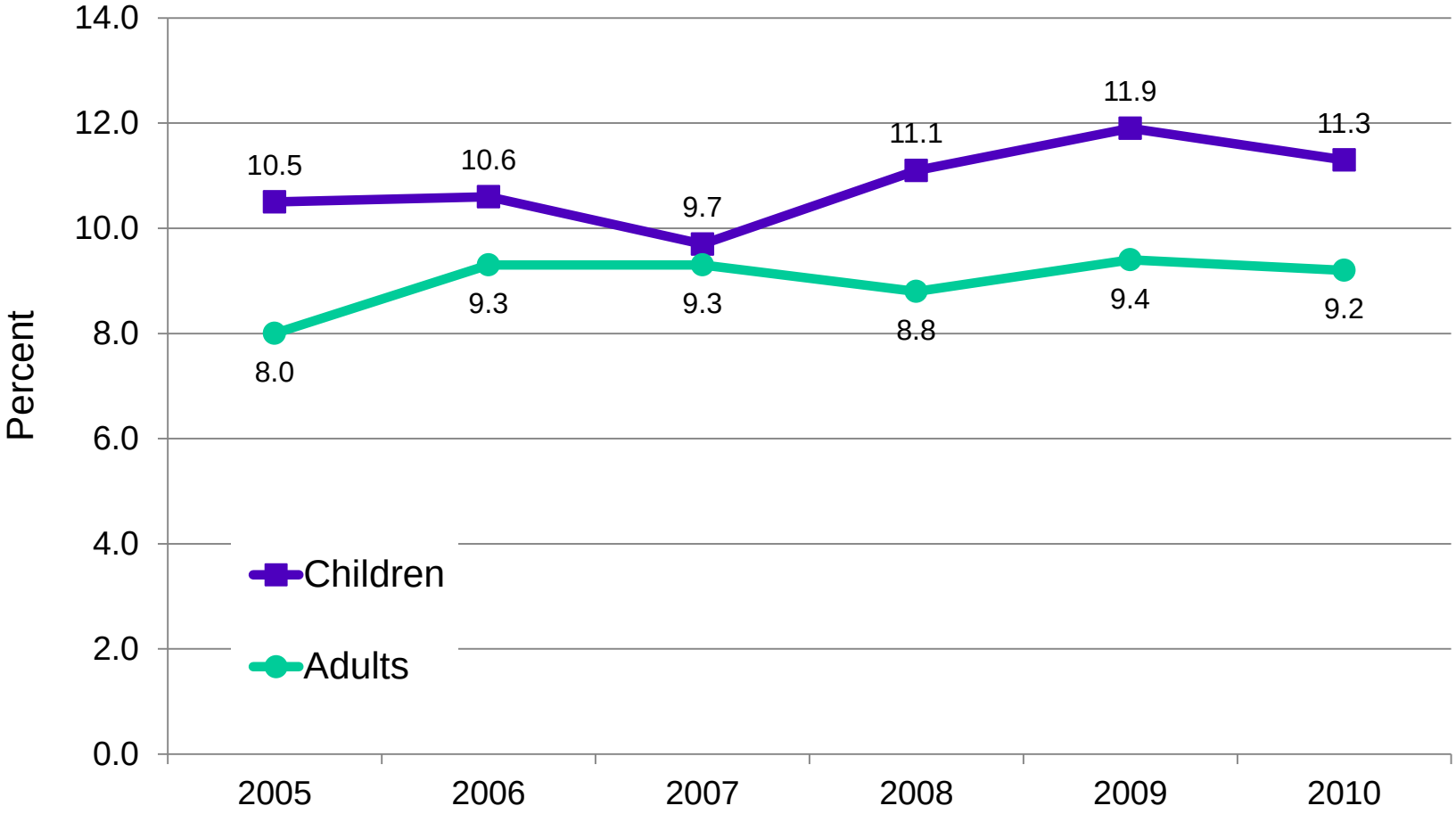
Source: Centers for Medicaid and Medicare Services, State-Level Chronic Conditions Reports, 2007-2011.

Percent of Medicare Beneficiaries with Chronic Kidney Disease, Connecticut, 2007-2011



Source: Centers for Medicaid and Medicare Services, State-Level Chronic Conditions Reports, 2007-2011.

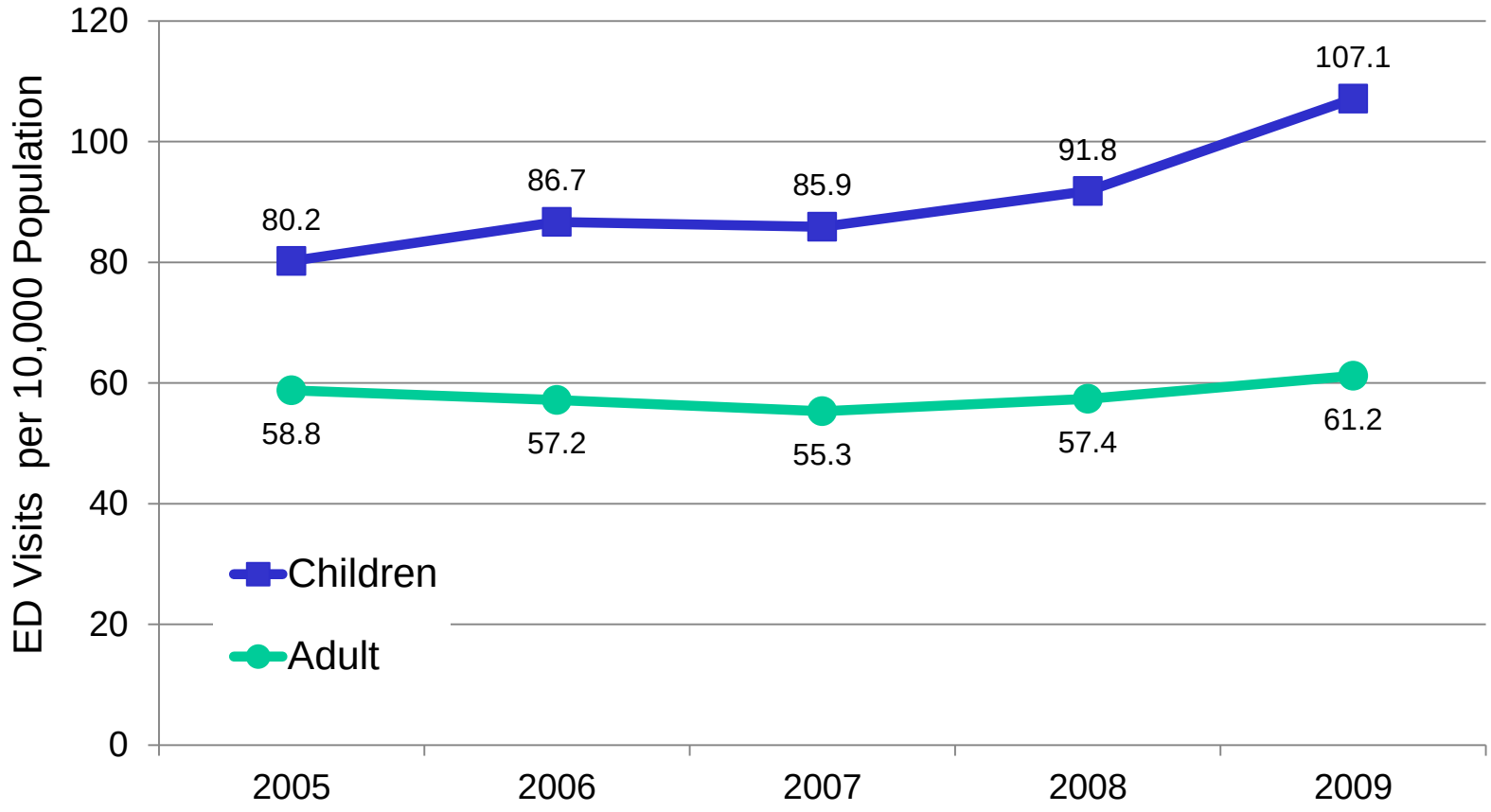
Percent of Children and Adults with Current Asthma Connecticut, 2005-2010



Source: Connecticut Behavioral Risk Factor Surveillance System, 2005-2010.

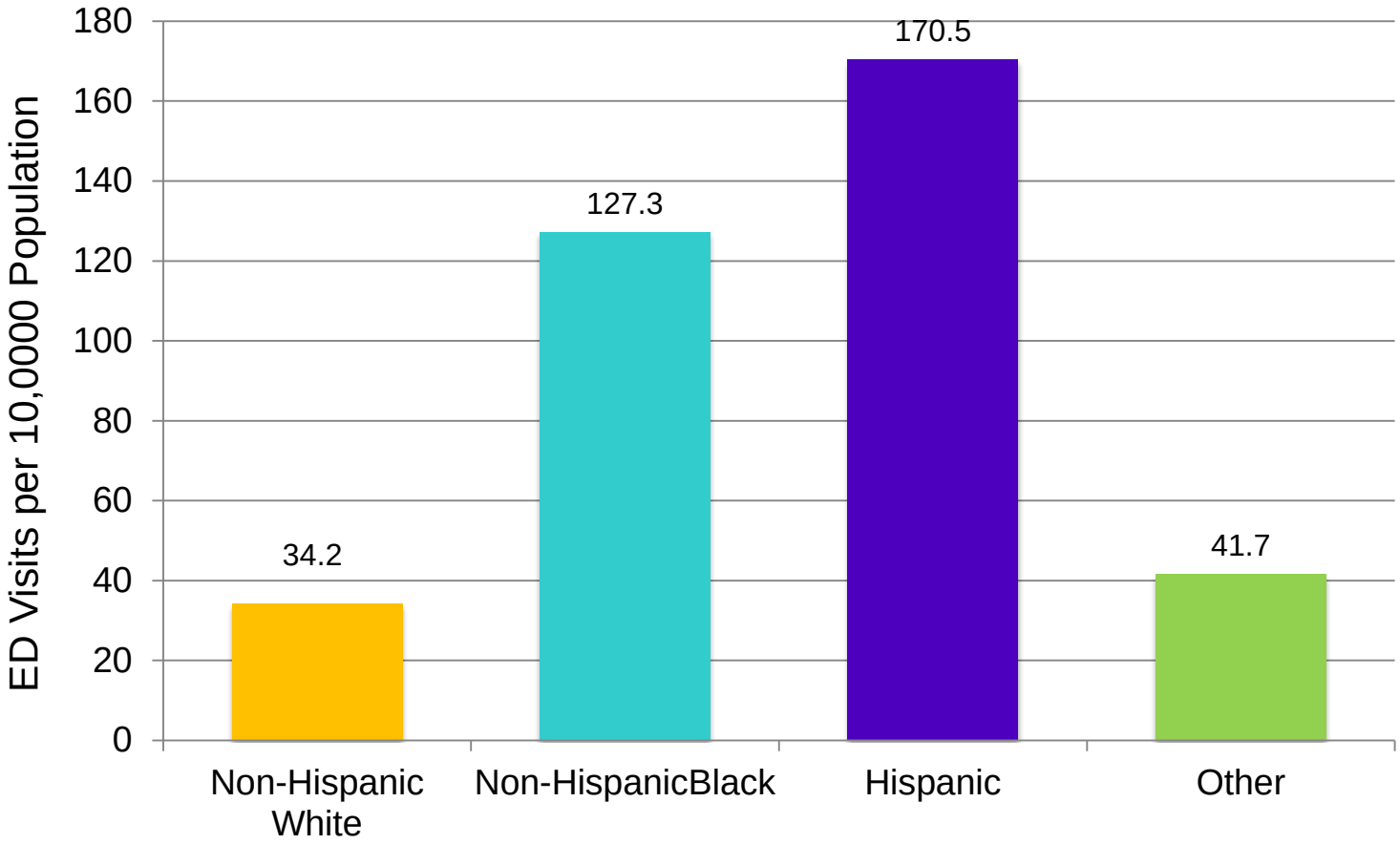
Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

Age adjusted Rate of ED Visits for Asthma Connecticut, 2005-2009



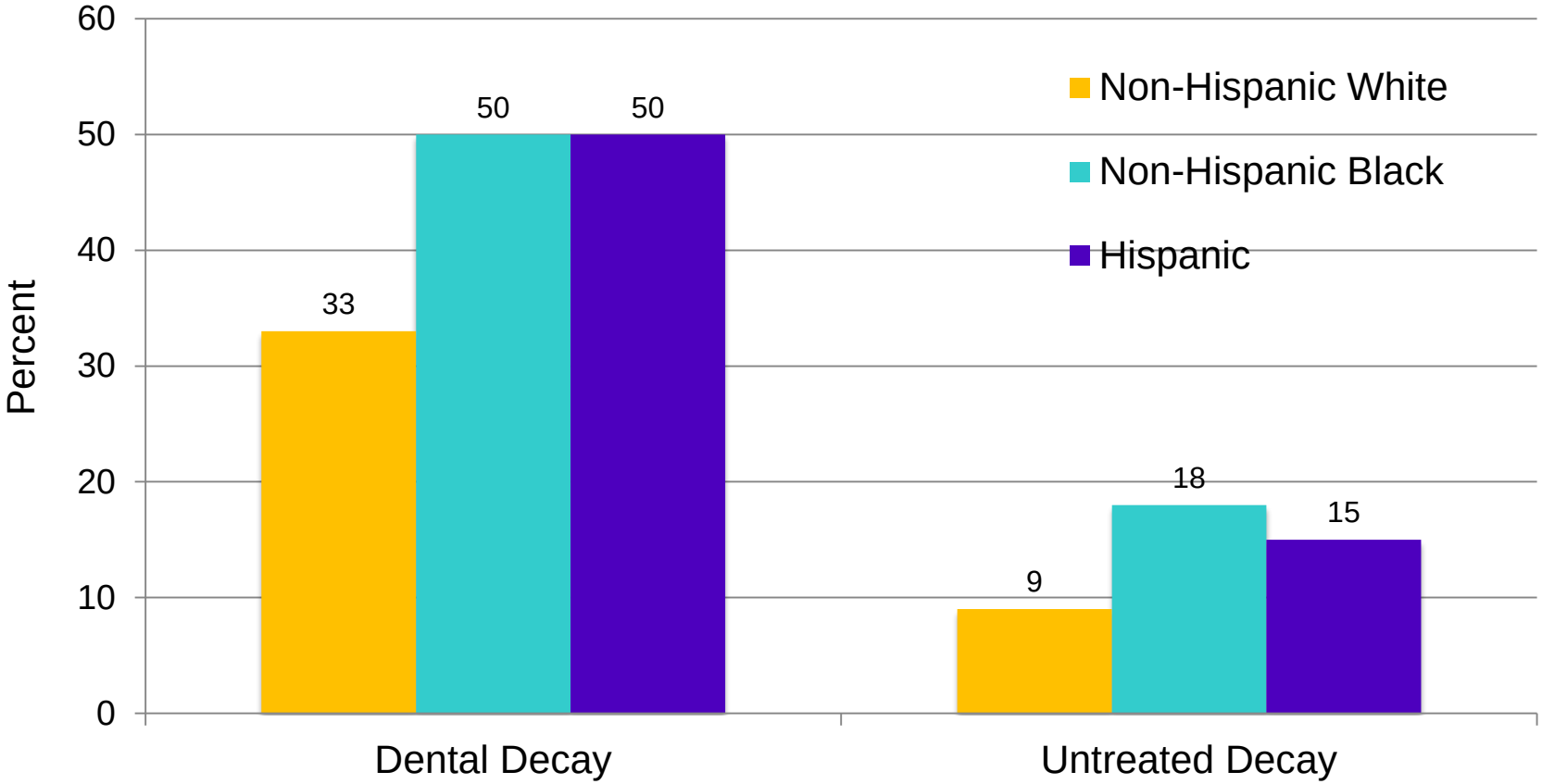
Source: Connecticut Department of Public Health Asthma Program, Burden of Asthma in Connecticut 2012 Surveillance Report, Table 7.

Age adjusted Rate of Asthma ED Visits by Race and Ethnicity Connecticut, 2009



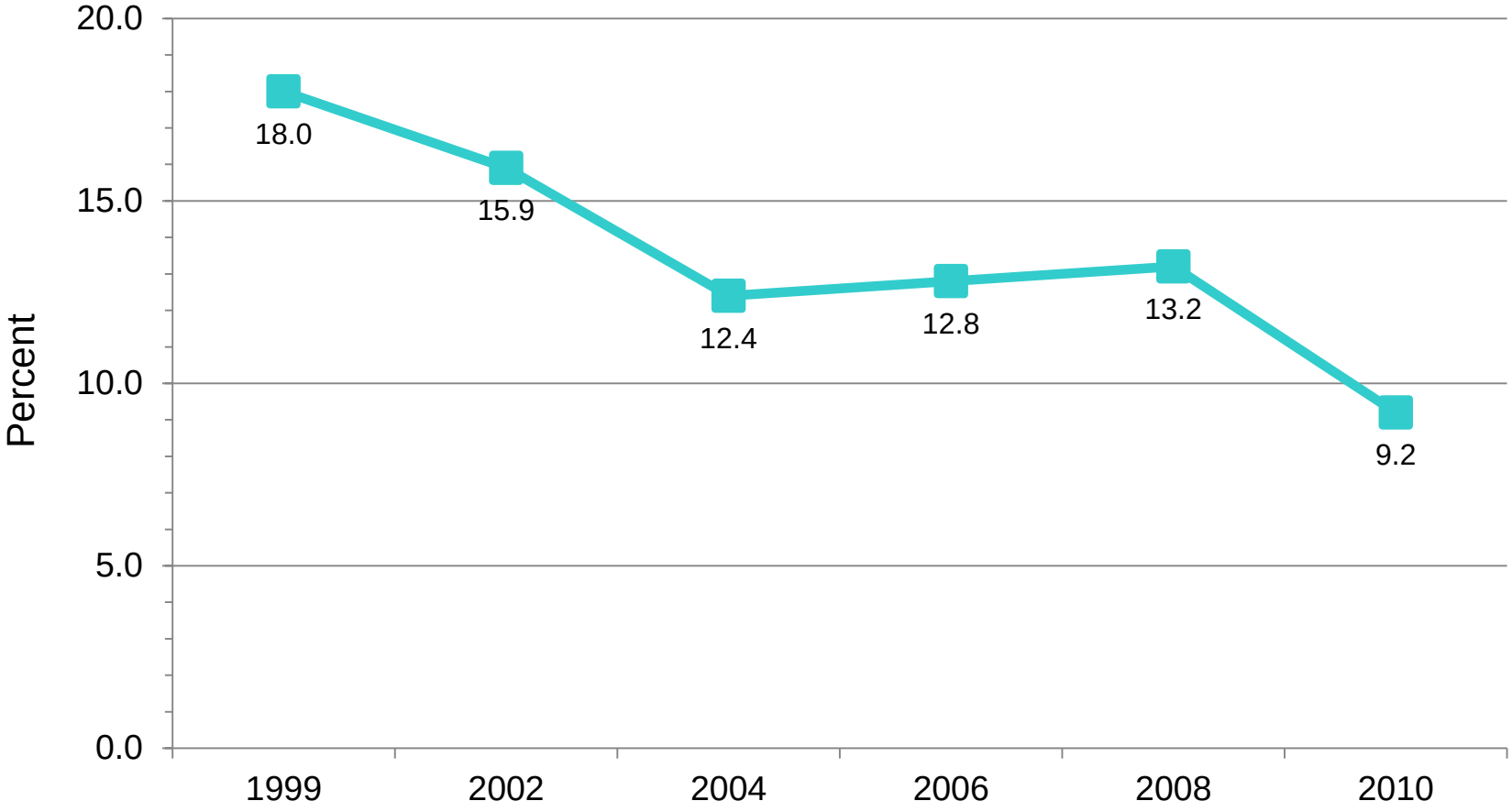
Source: Connecticut Department of Public Health Asthma Program, Burden of Asthma in Connecticut 2012 Surveillance Report, Table 8.

Children Who Experience Dental Decay and Prolonged Untreated Dental Decay, by Race/Ethnicity Connecticut, 2010-2011



Source: Connecticut Department of Public Health,
Every Smile Counts: The Oral Health of Connecticut's Children Draft Report, 2012, Key Finding #4.

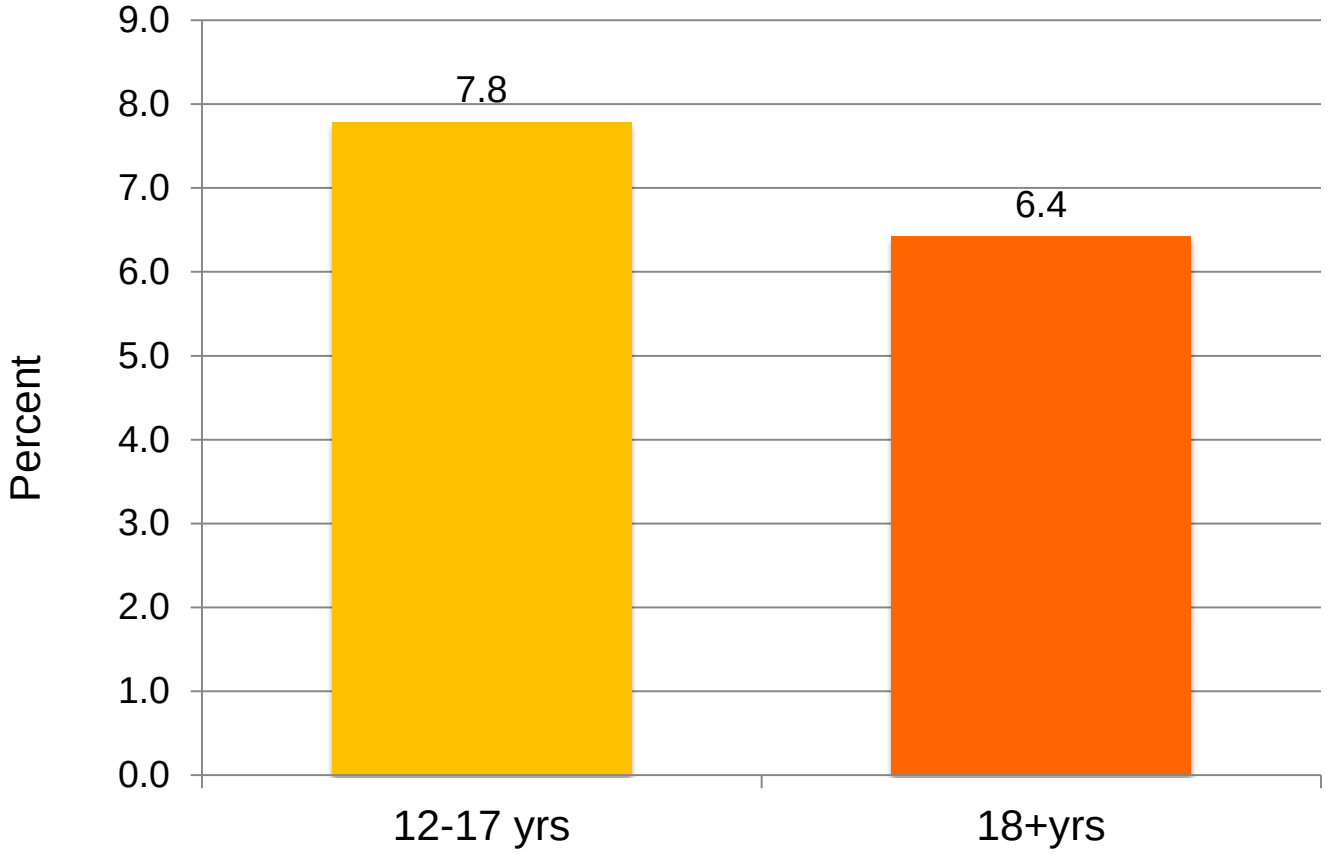
Percent of Adults 65+ Years of Age Who Have Had All Their Natural Teeth Extracted Connecticut, 1999-2010



Source: Connecticut Behavioral Risk Factor Surveillance System, 1999-2010.

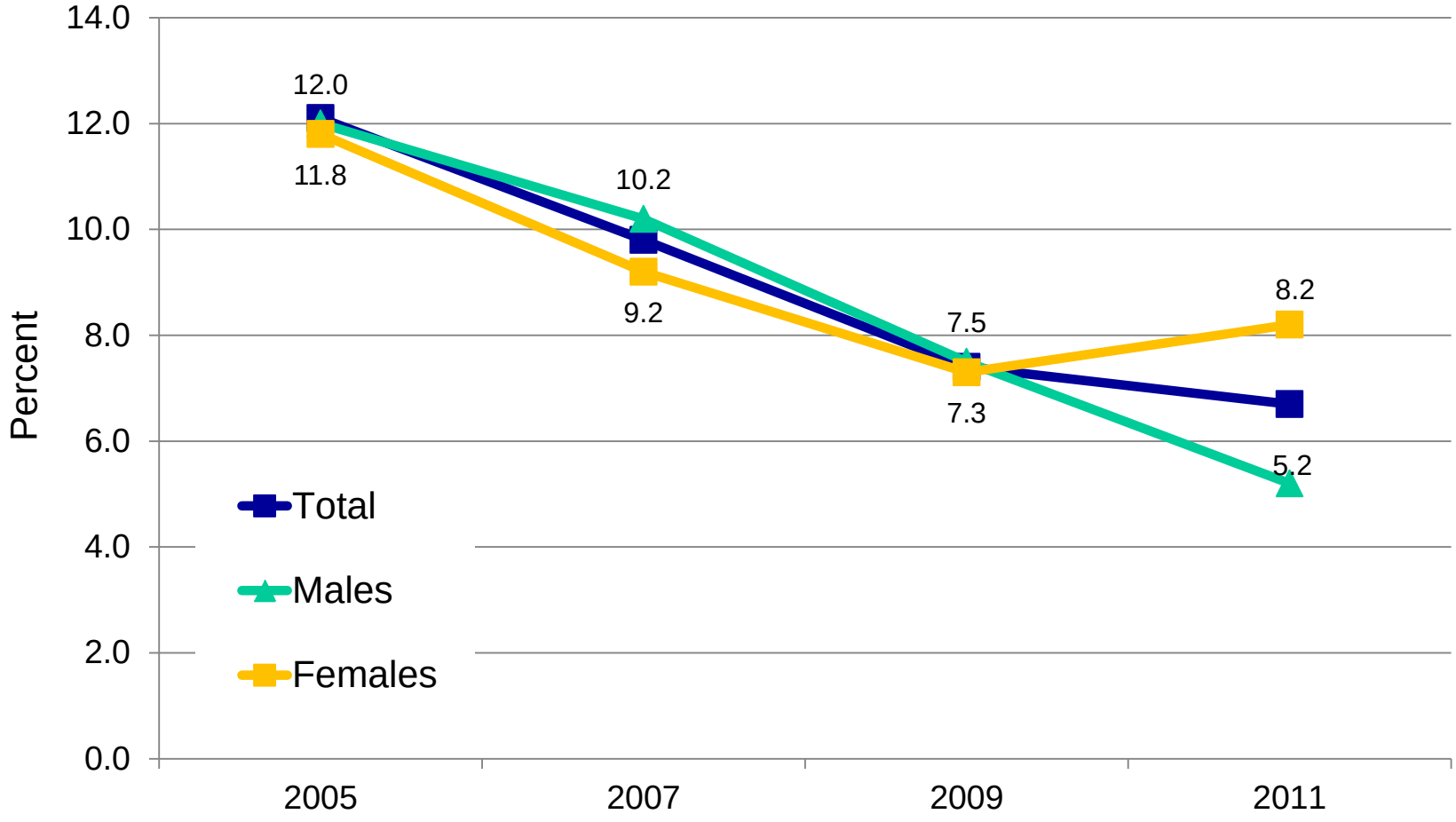
MENTAL HEALTH, ALCOHOL, AND SUBSTANCE ABUSE

Percent of Persons Who Had at Least One Major Depressive Episode in Past Year, by Age, Connecticut, 2010-2011



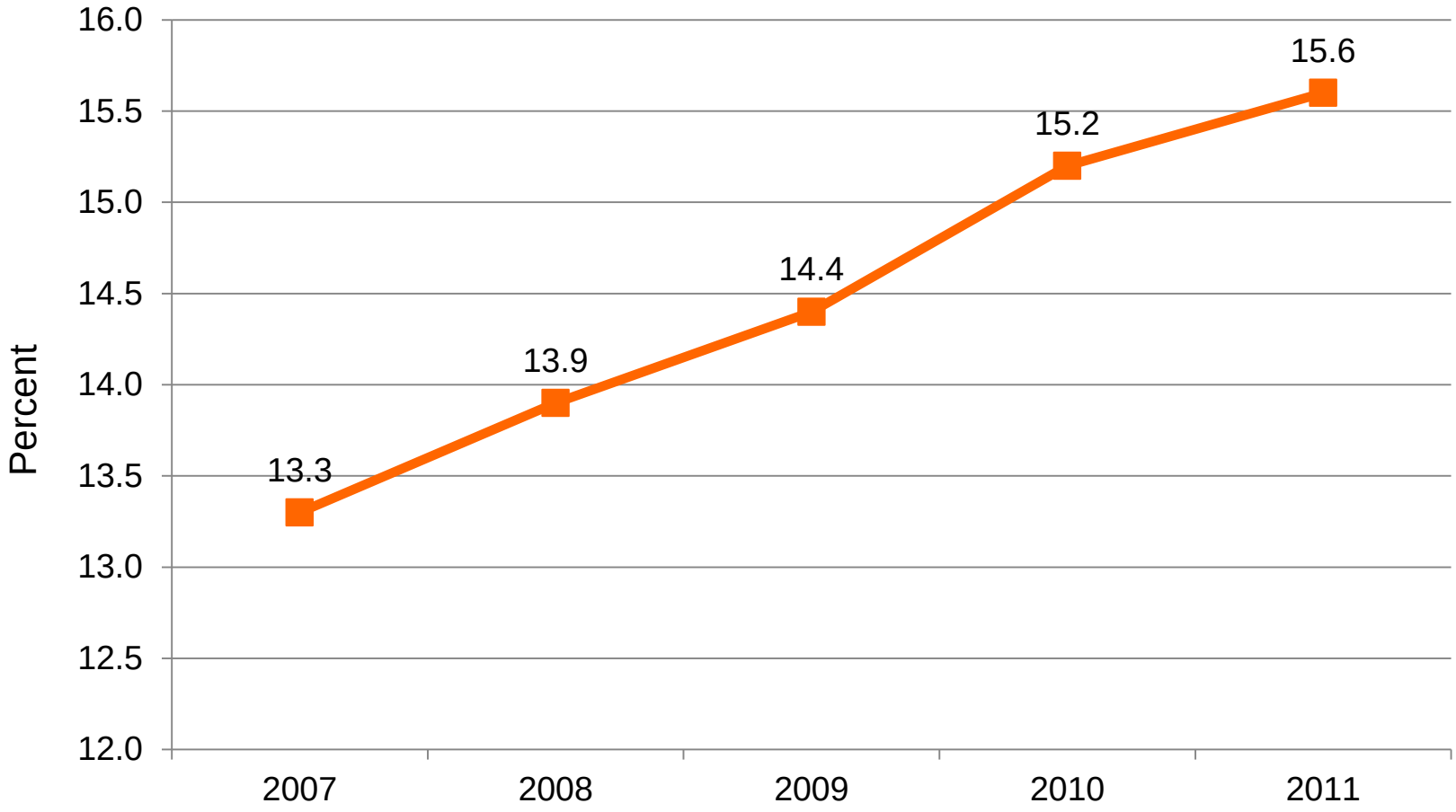
Source: Substance Abuse and Mental Health Services Administration (SAMSHA), Survey on Drug Use and Health Model-Based Estimates, 2008-2009 and 2010-2011.

Percent of Students (Grades 9-12) Who Attempted Suicide at Least Once in Past Year, by Sex Connecticut, 2005-2011



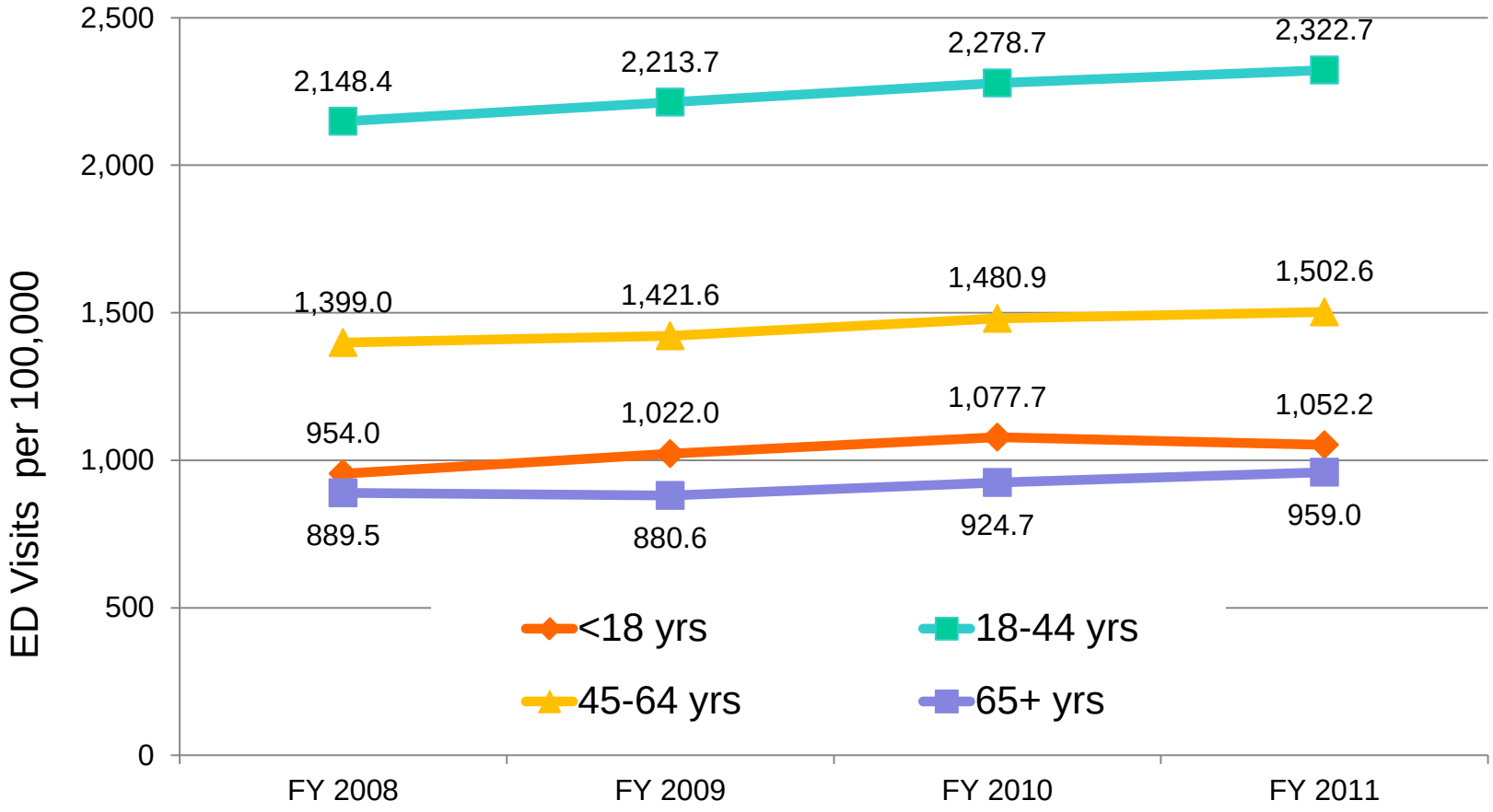
Source: Connecticut Youth Risk Behavior Survey, 2005-2011.

Percent of Medicare Beneficiaries with Depression, Connecticut, 2007-2011



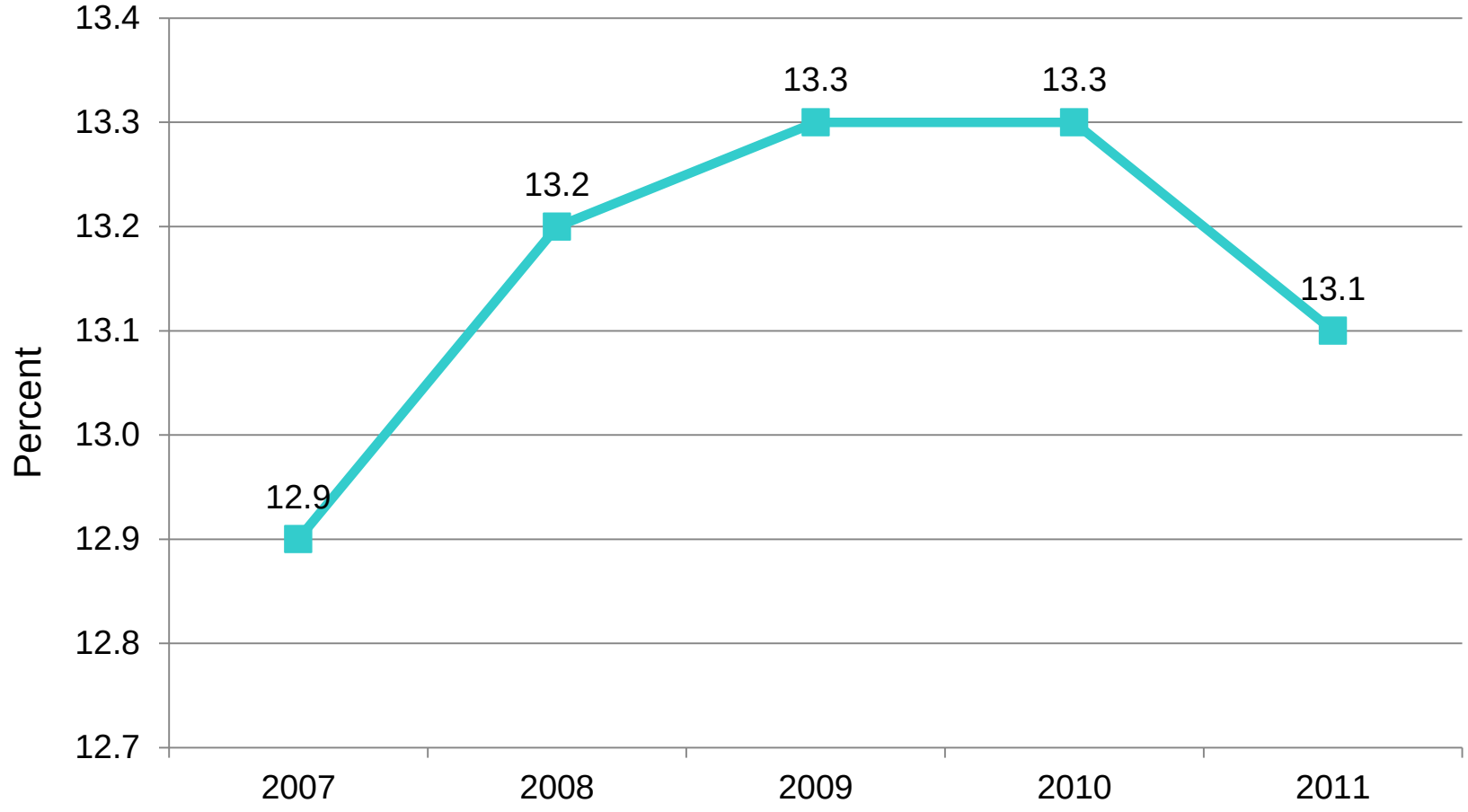
Source: Centers for Medicaid and Medicare Services, State-Level Chronic Conditions Reports, 2007-2011.

Rate of Mental Health ED Visits, by Age Connecticut, FY 2007- FY 2011



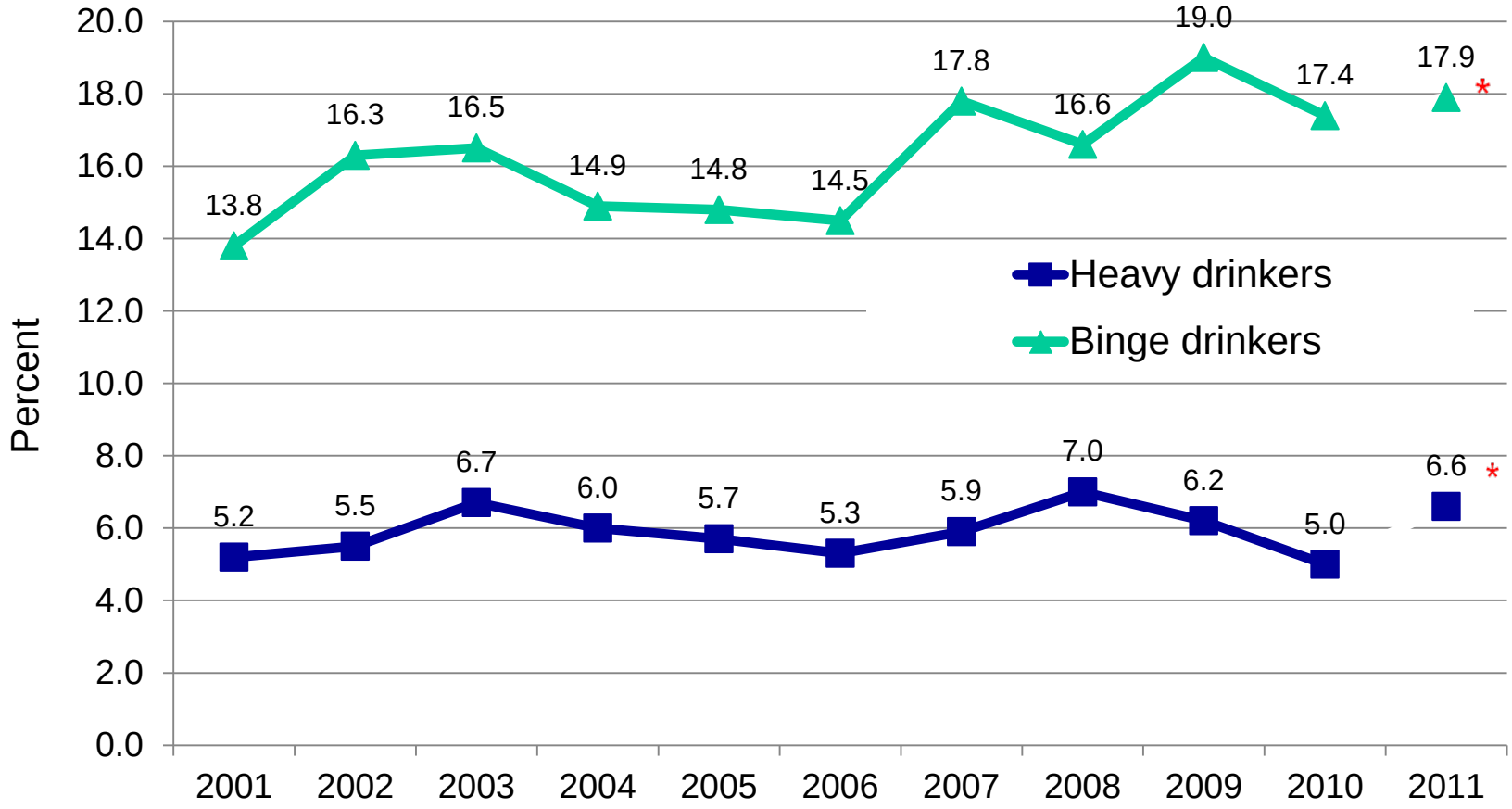
Source: Connecticut Department of Public Health, OCHA from *Connecticut Hospital Association CHIME, Inc. Emergency Department Database.*

Percent of Medicare Beneficiaries with Dementia or Alzheimer's Disease Connecticut, 2007-2011



Source: Centers for Medicaid and Medicare Services, State-Level Chronic Conditions Reports, 2007-2011.

Percent of Adults (18+ Yrs) Who Are Heavy Drinkers or Binge Drinkers Connecticut, 2001-2011

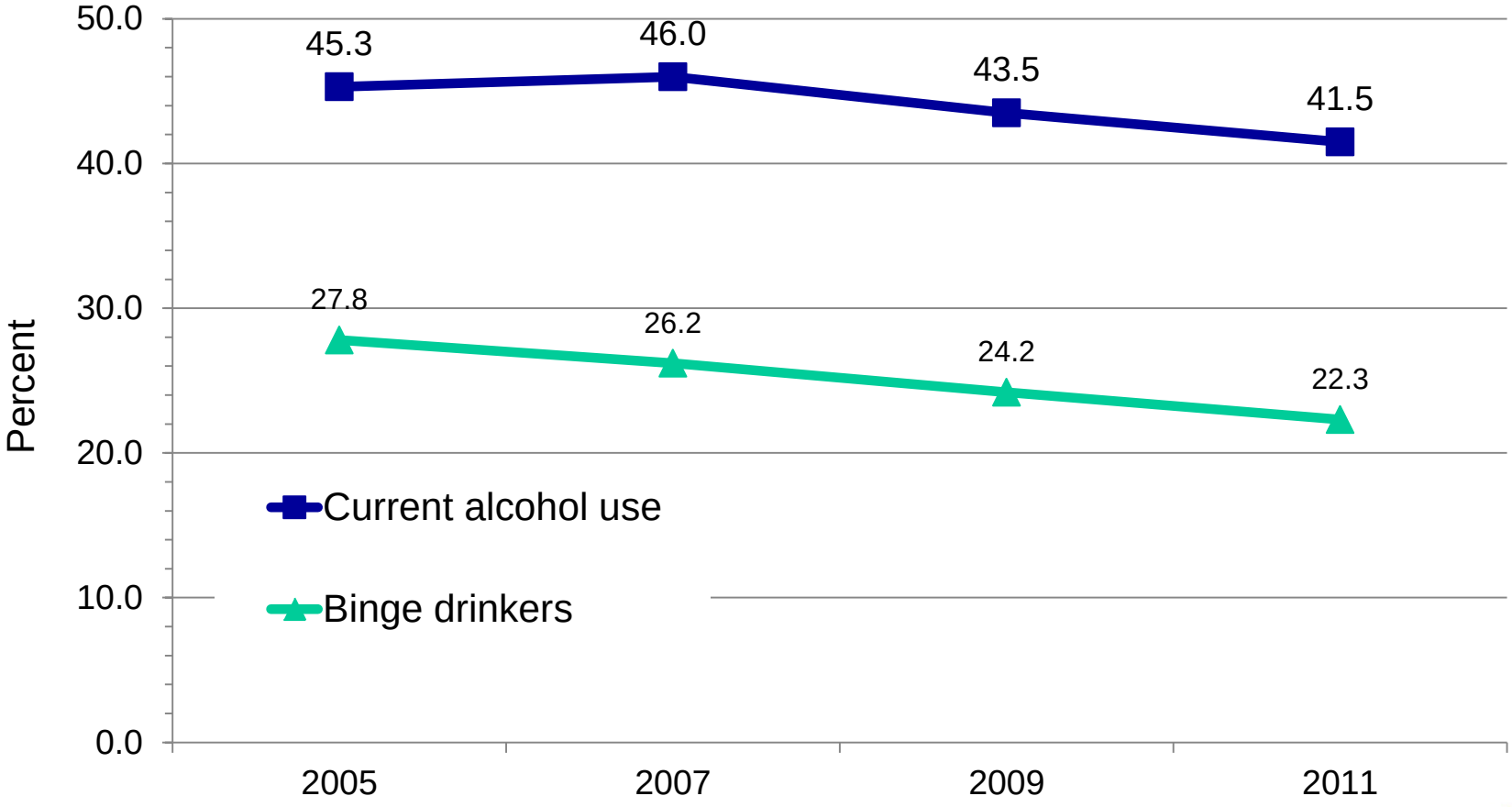


* Break in trend due to new weighting in 2011

Source: Connecticut Behavioral Risk Factor Surveillance System, 2001-2010

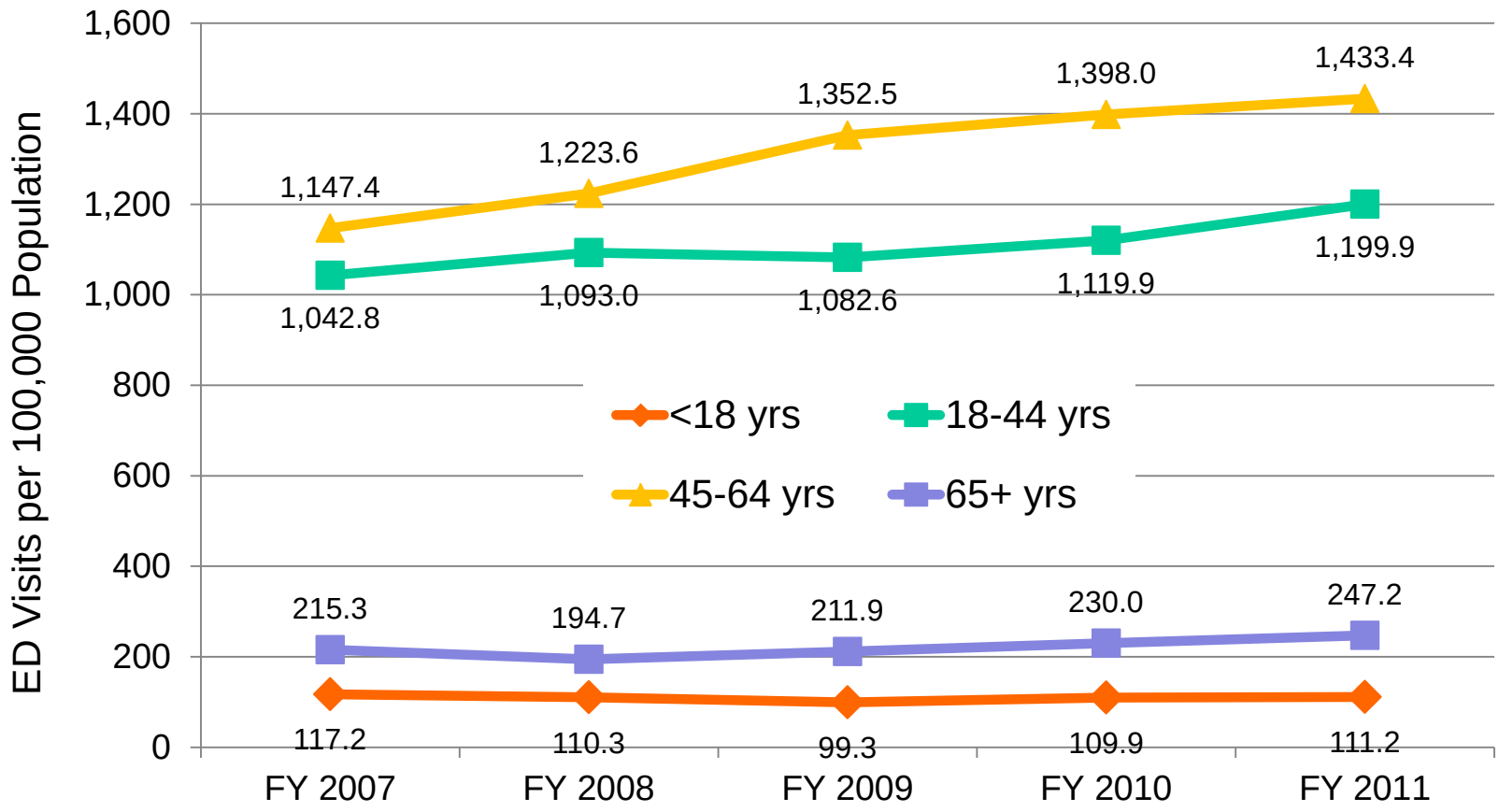
Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

Percent of Students (Grades 9-12) Who Currently Drink Alcohol or Are Binge Drinkers Connecticut, 2005-2011



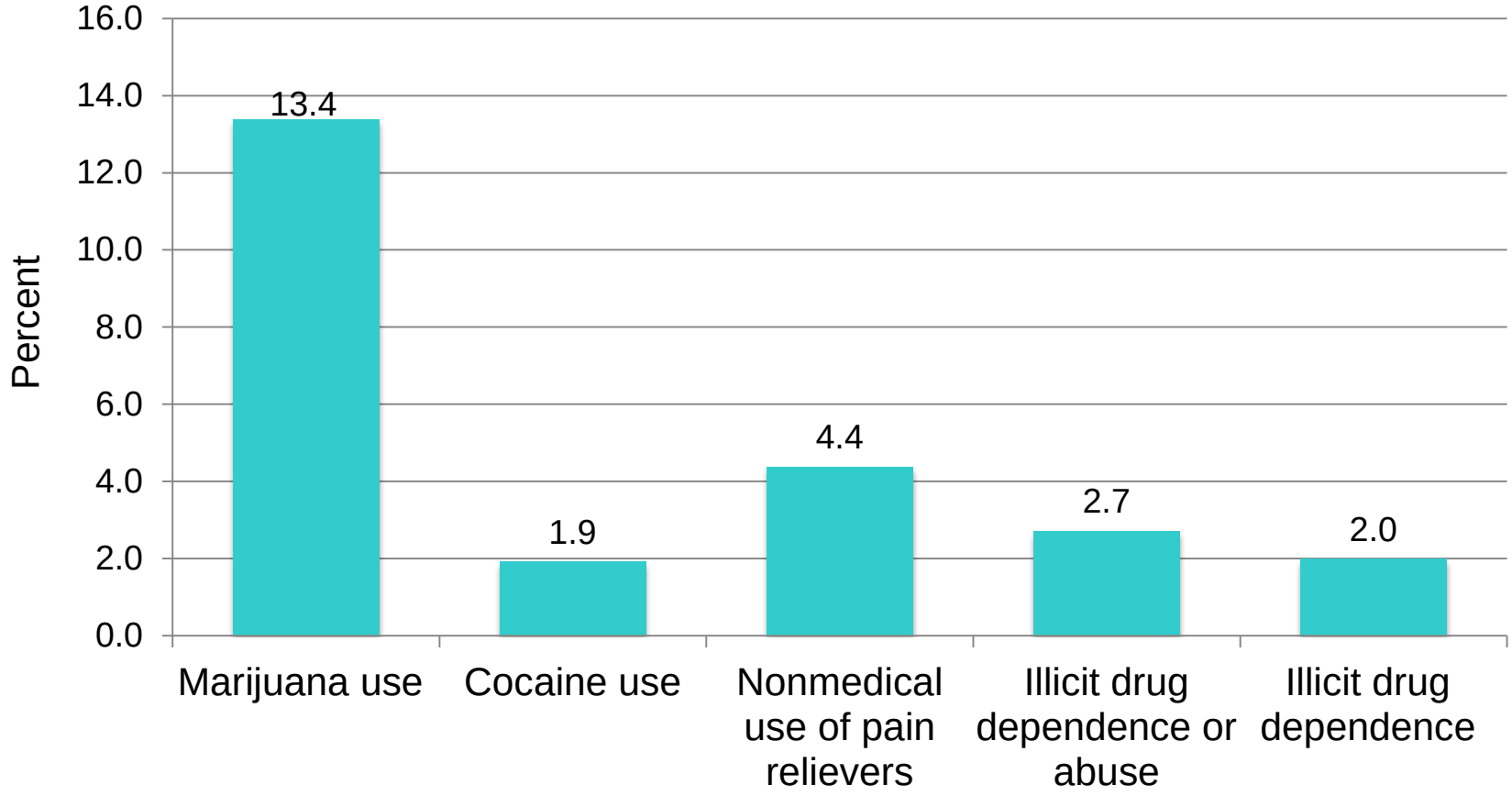
Source: Connecticut Youth Risk Behavior Survey, 2005-2011.

Rate of ED Visits for Alcohol Abuse/Dependence by Age Connecticut, FY 2007-FY 2011



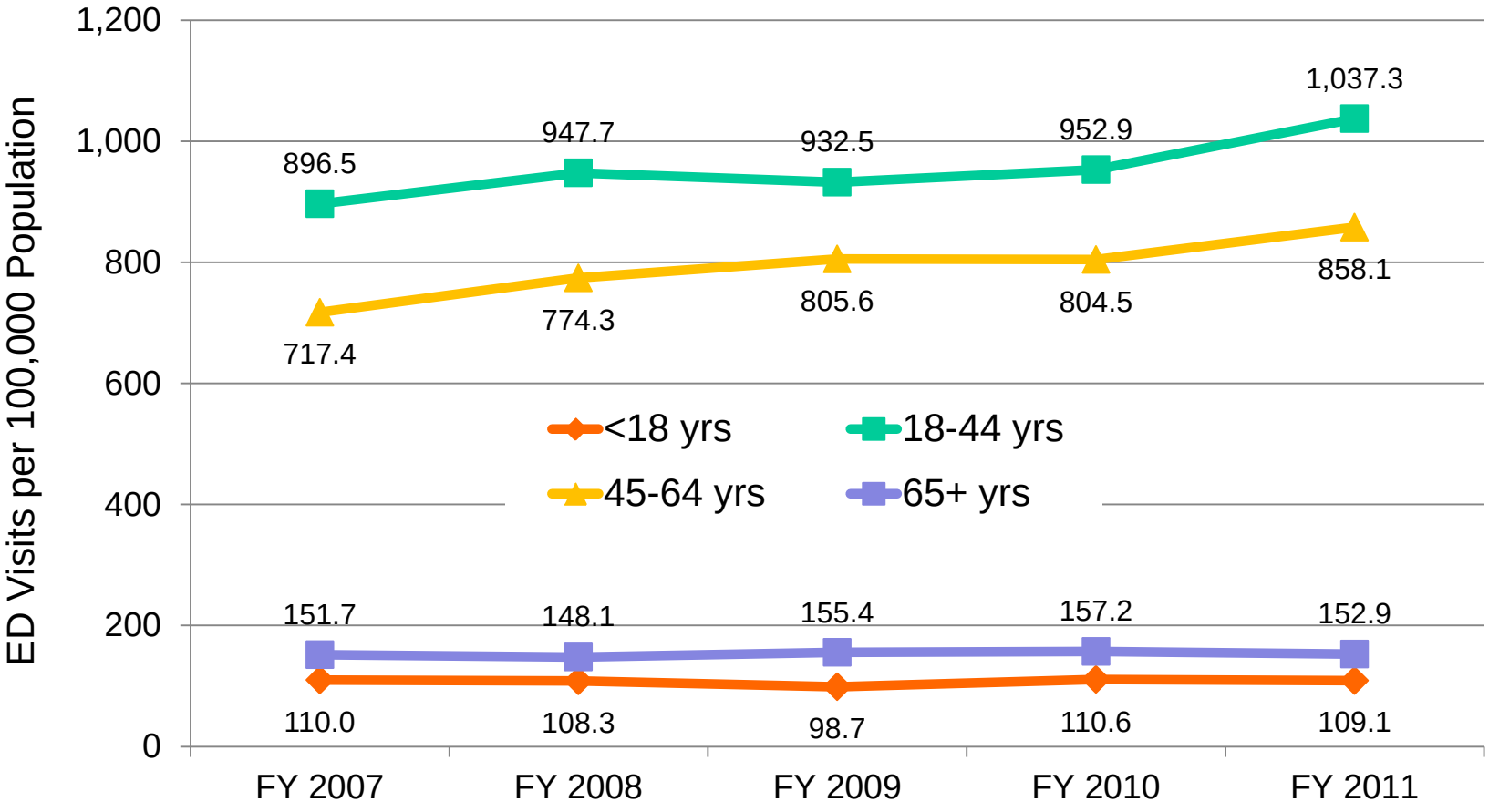
Source: Connecticut Department of Public Health, OCHA from *Connecticut Hospital Association CHIME, Inc. Emergency Department Database.*

Percent of Individuals 12+ Years of Age Who Used Drugs in Past Year, by Drug Type Connecticut, 2010-2011



Source: US DHHS Substance Abuse and Mental Health Administration, National Survey on Drug Use and Health, 2010-2011.

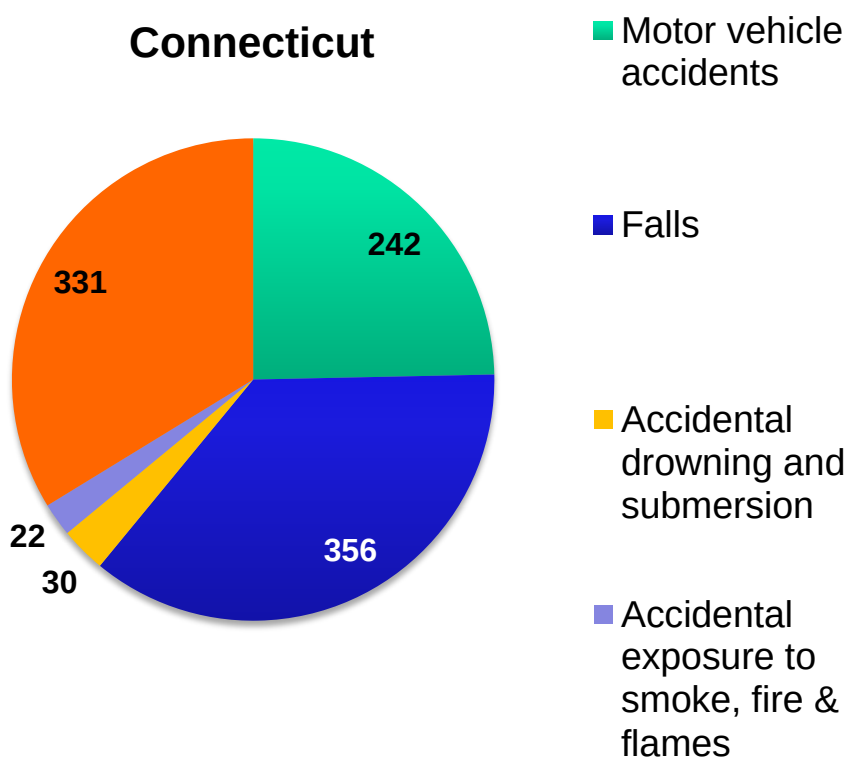
Rate of ED Visits for Substance Abuse/Dependence by Age Connecticut, FY2007-FY2011

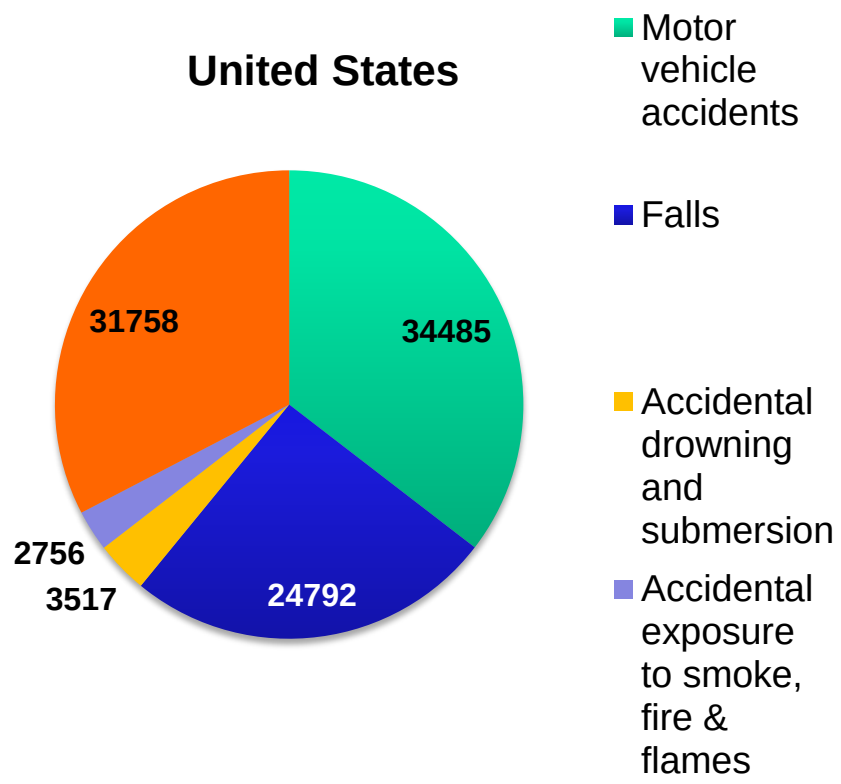


Source: Connecticut Department of Public Health, OCHA from *Connecticut Hospital Association CHIME, Inc. Emergency Department Database.*

INJURY AND VIOLENCE PREVENTION

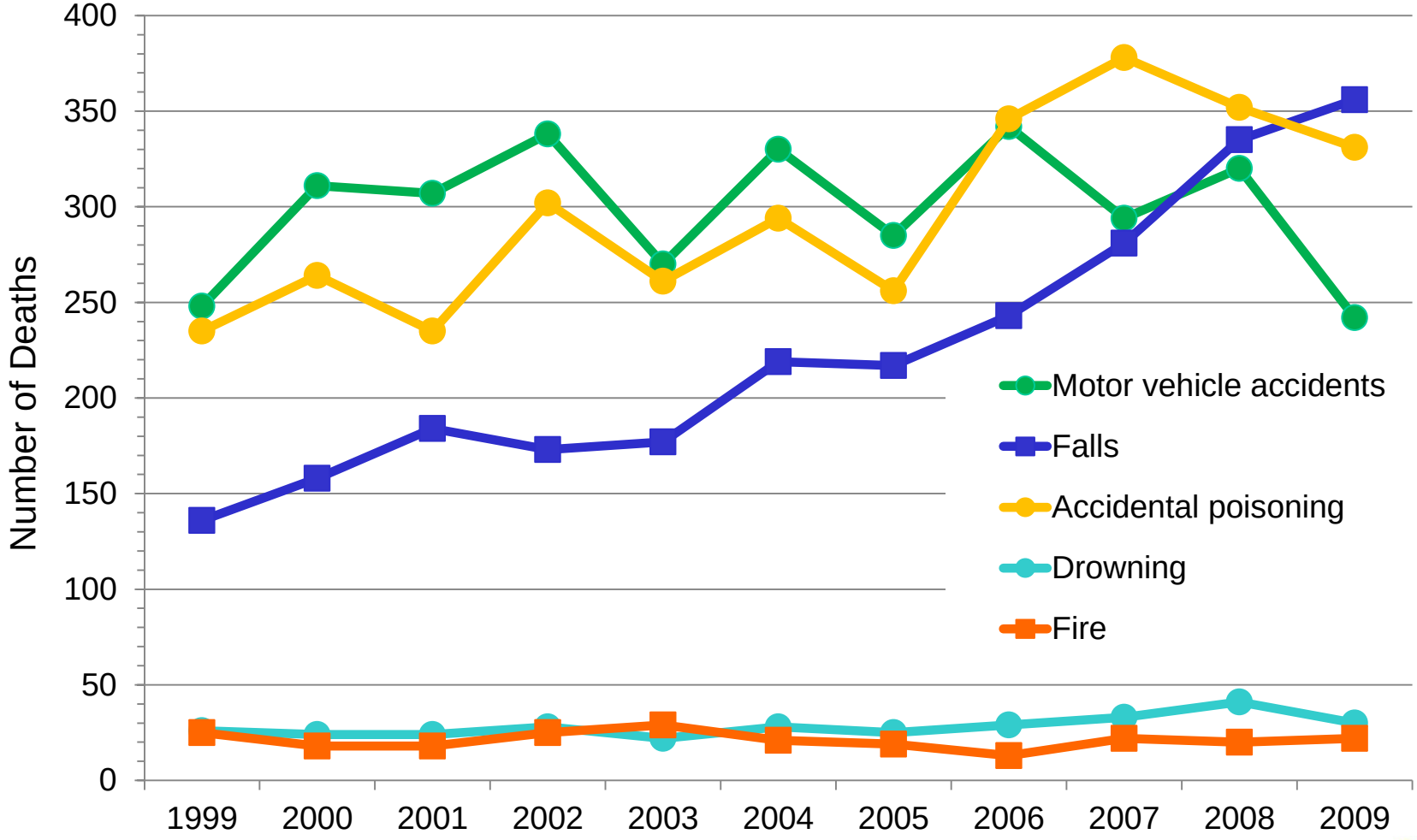
Number of Unintentional Injury Deaths by Cause of Death U.S. vs. Connecticut, 2009





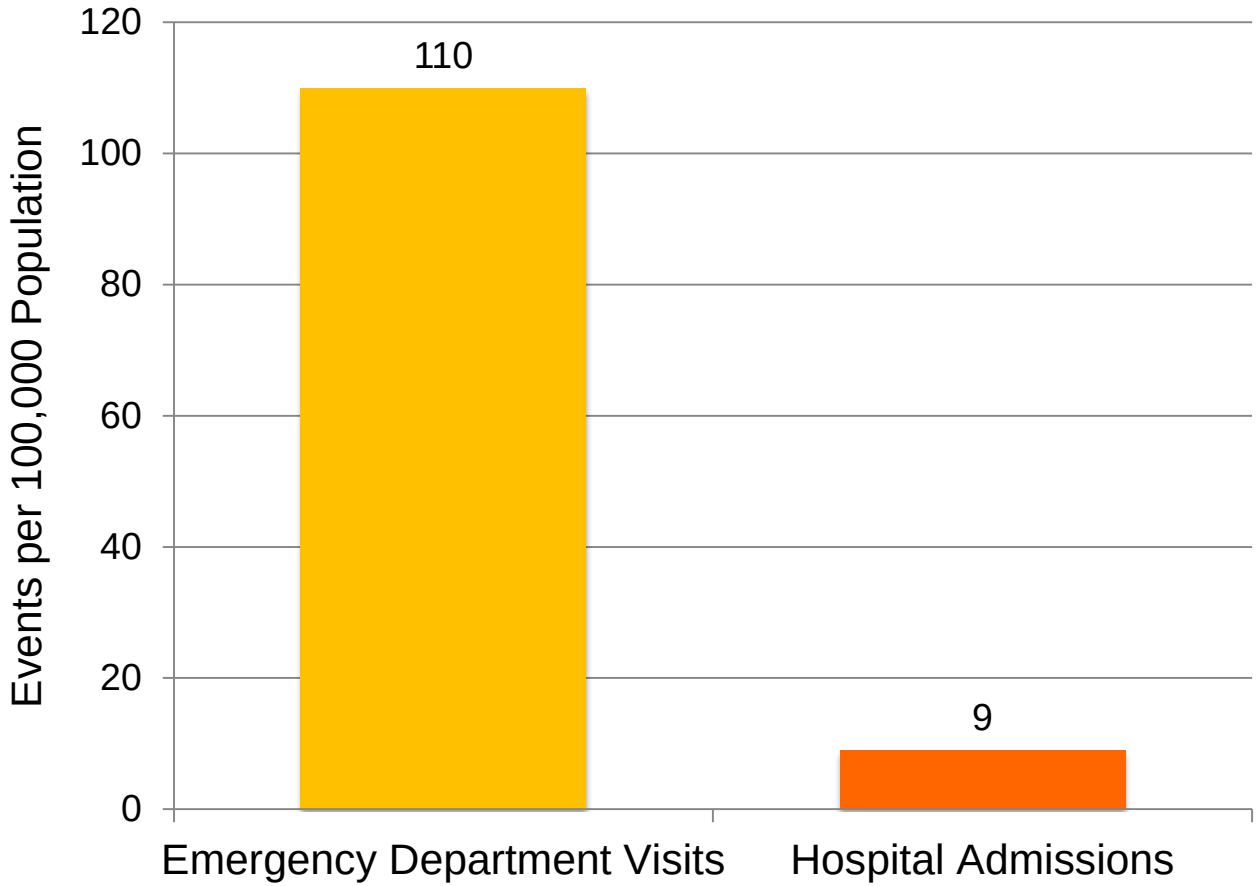
Source: Connecticut Department of Public Health, Vital Statistics, 2009, Table 9; National Vital Statistics Report (2011): Deaths: Final Data for 2009.

Number of Deaths Due to Unintentional Injuries Connecticut, 1999-2009



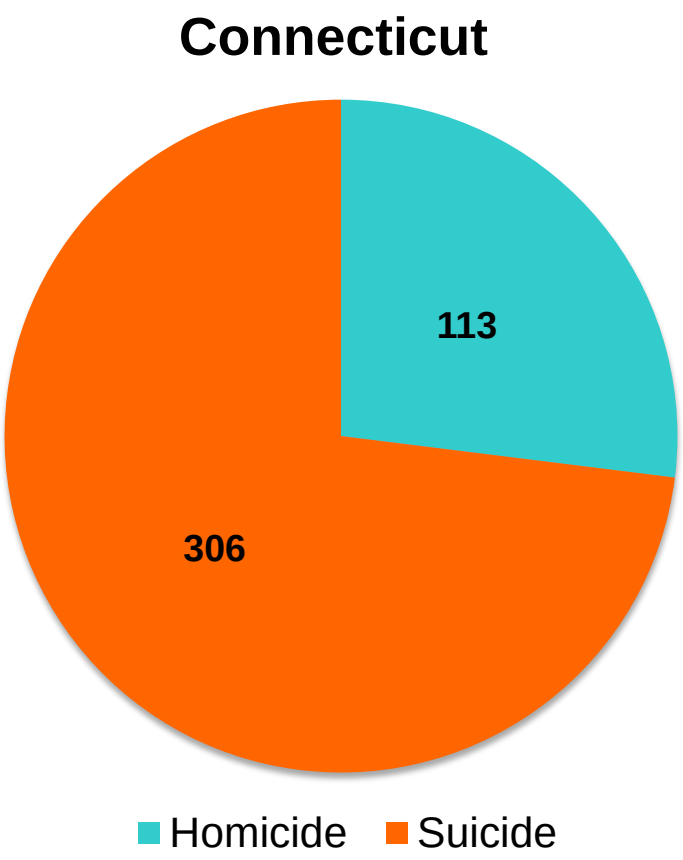
Source: Connecticut Department of Public Health, Vital Statistics, 2009, Table 9

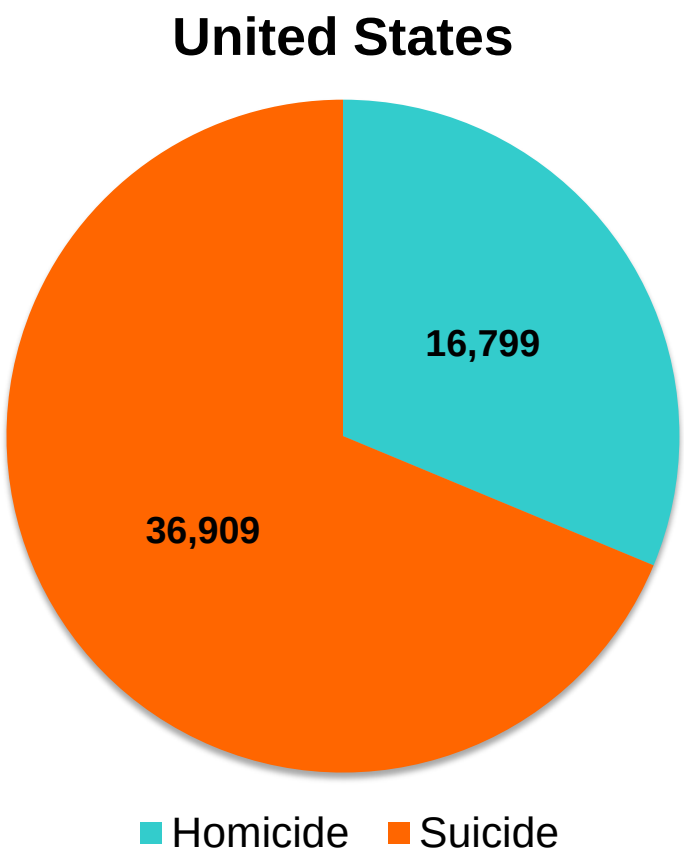
Rate of ED Visits and Hospitalizations for Unintentional Injuries Connecticut, 2009



Source: Connecticut Department of Public Health, OCHA, Injuries Resulting in ED Visits or Hospitalizations

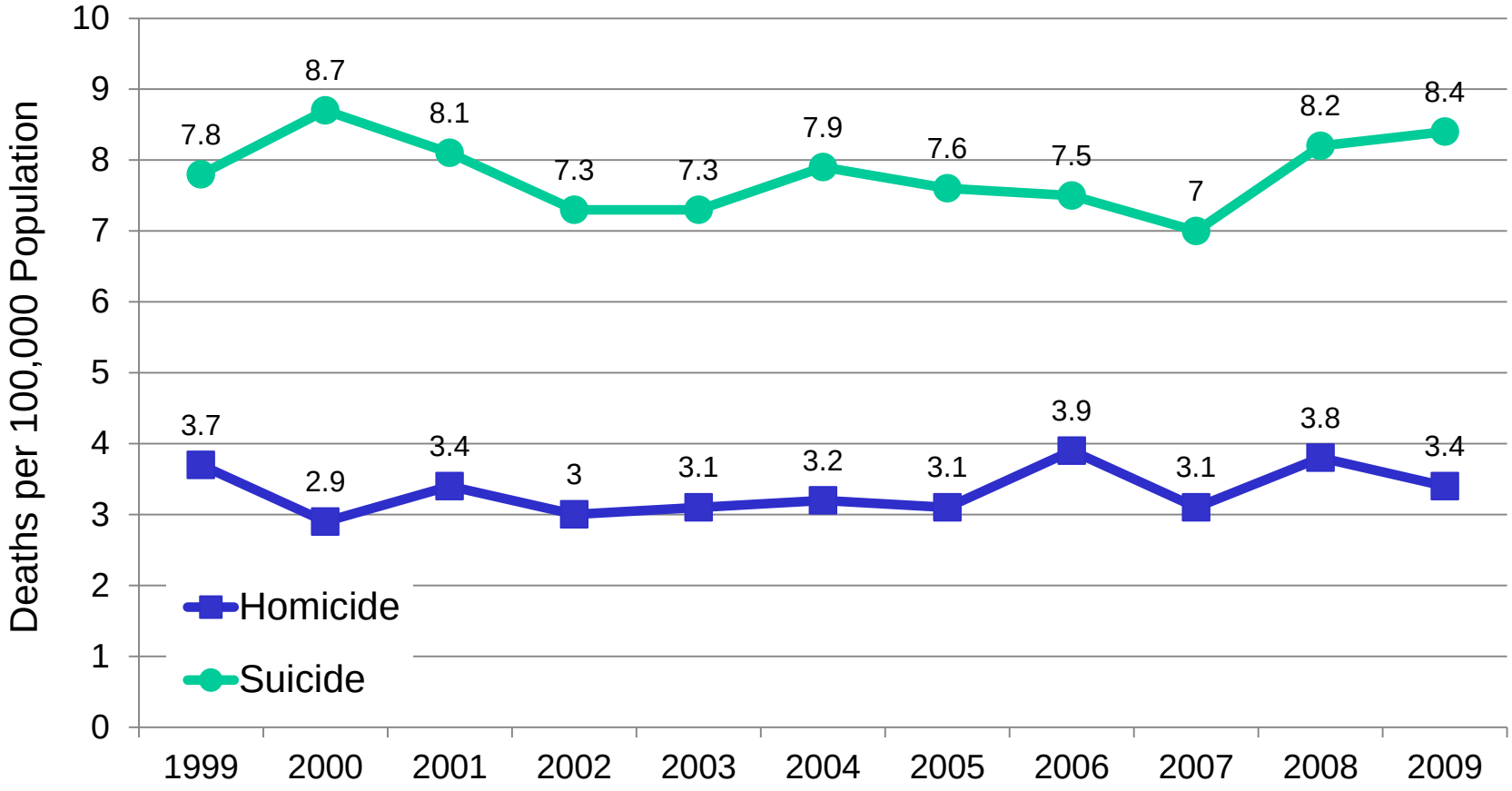
Number of Intentional Injury Deaths by Cause of Death Connecticut vs. U.S., 2009





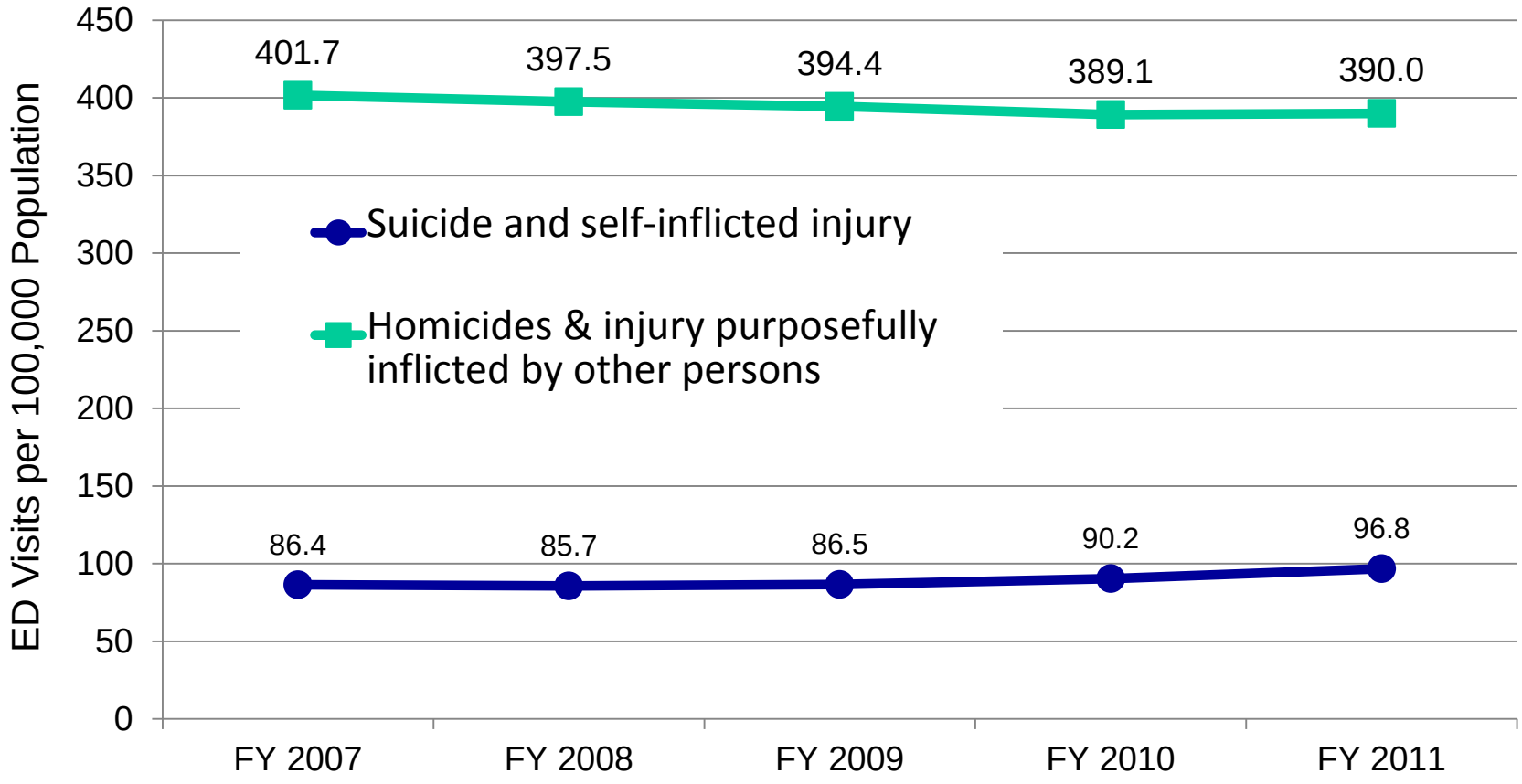
Source: Connecticut Department of Public Health, Vital Statistics, 2009, Table 9; National Vital Statistics Report (2011): Deaths: Final Data for 2009.

Age-adjusted Mortality Rates for Intentional Injury, Connecticut, 1999-2009



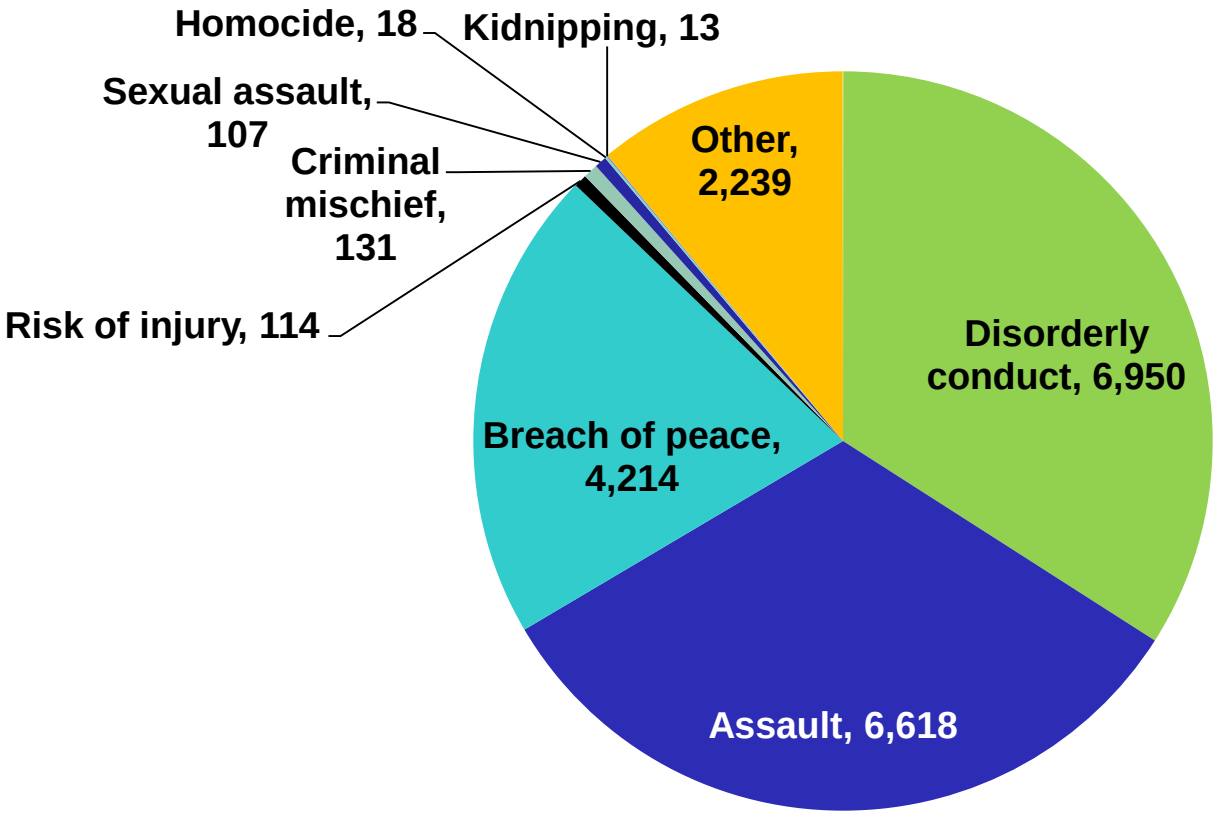
Source: Connecticut Department of Public Health, Mortality Tables, Age-Adjusted Mortality Rate, 2000-2009.

Rate of Injury ED Visits for Intentional Injuries Connecticut, FY 2007-FY 2011



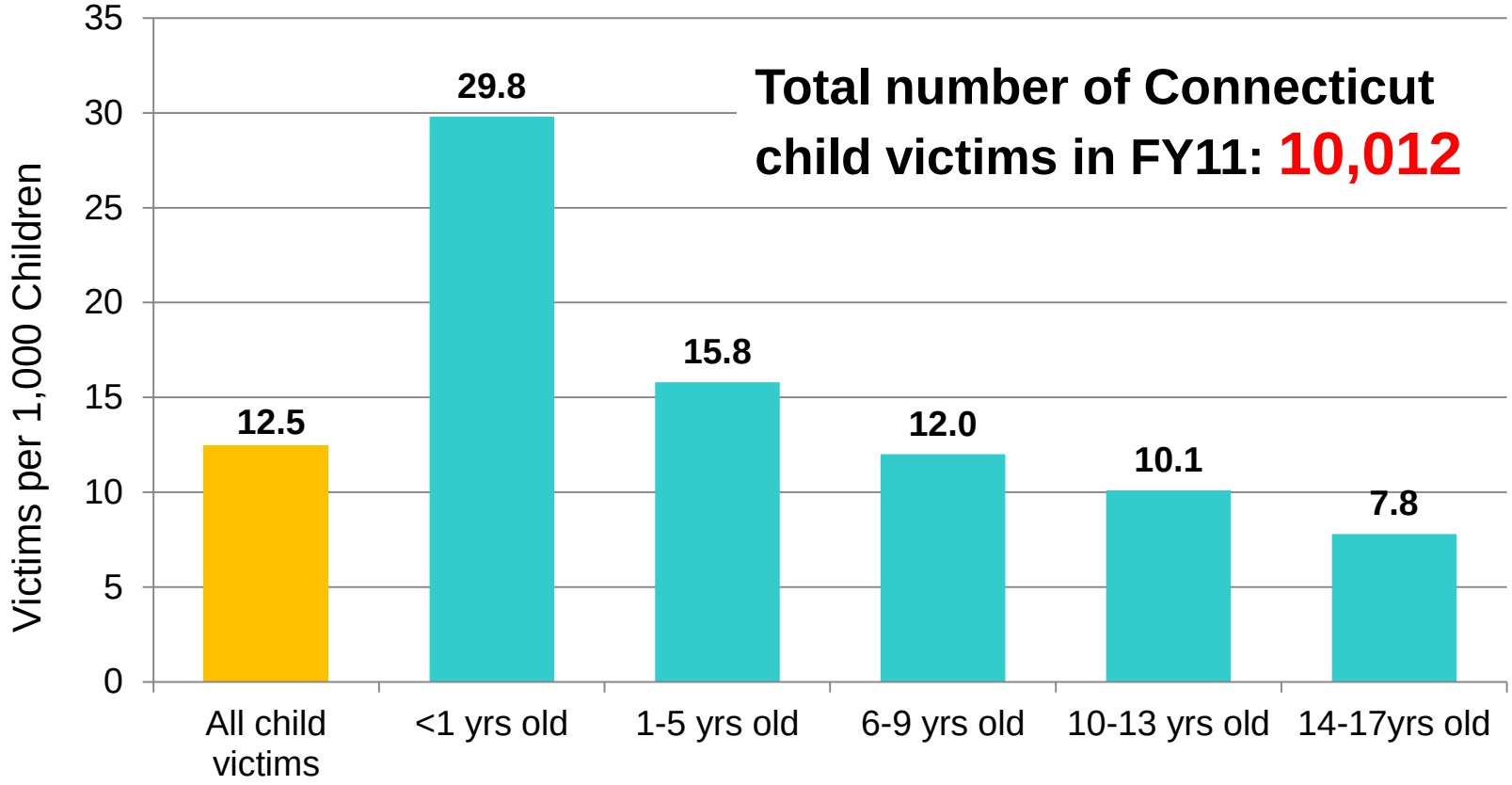
Source: Connecticut Department of Public Health, OCHA from *Connecticut Hospital Association CHIME, Inc. Emergency Department Database.*

Number of Family Violence Arrests by Type of Incident Connecticut, 2011



Source: State of Connecticut, Department of Emergency Services and Public Protection, Family Violence Arrests Annual Report, 2011

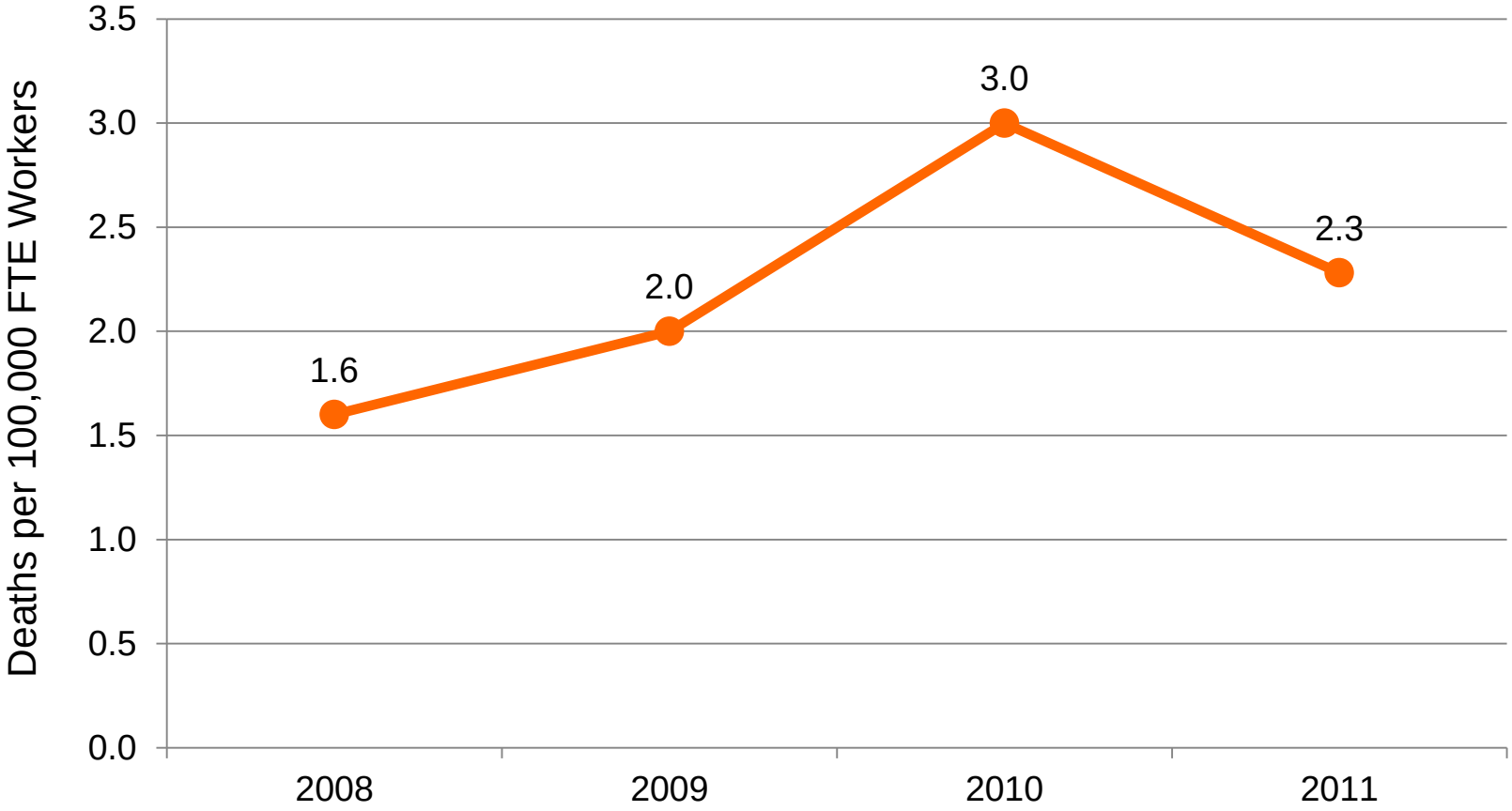
Proportion of Child Abuse or Neglect Victims by Age Group Connecticut, FY 2011



Source: US DHHS, Administration for Children and Families, Administration on Children, Youth, and Families, Children's Bureau, 2012. *Child Maltreatment 2011*

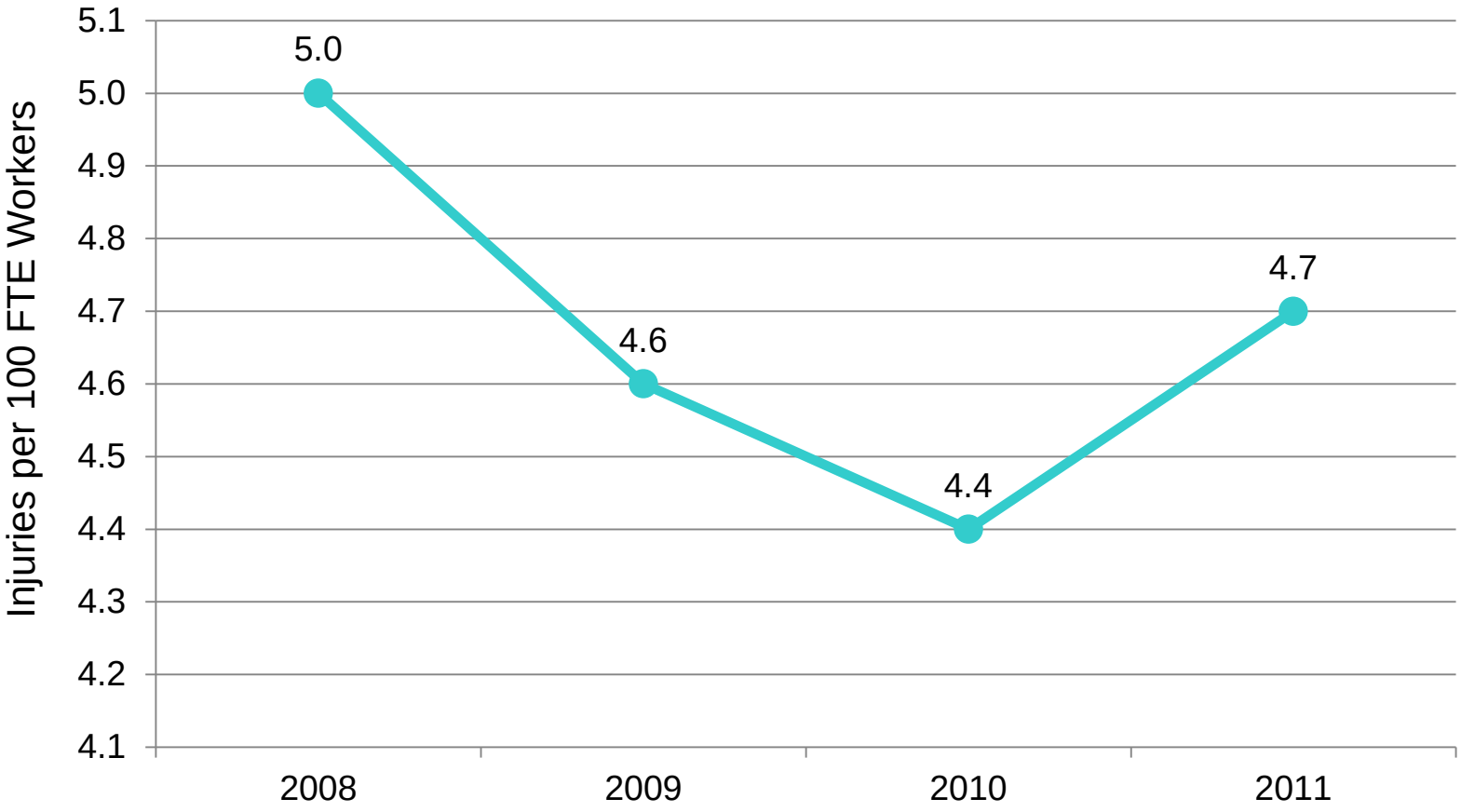
Note: Data are for unique cases

Mortality Rate for Work-related Injuries, Connecticut, 2008-2011



Source: Bureau of Labor Statistics, *Census of Fatal Occupational Injuries. Fatal Work Injury Rates. Connecticut*, 2008-2011.

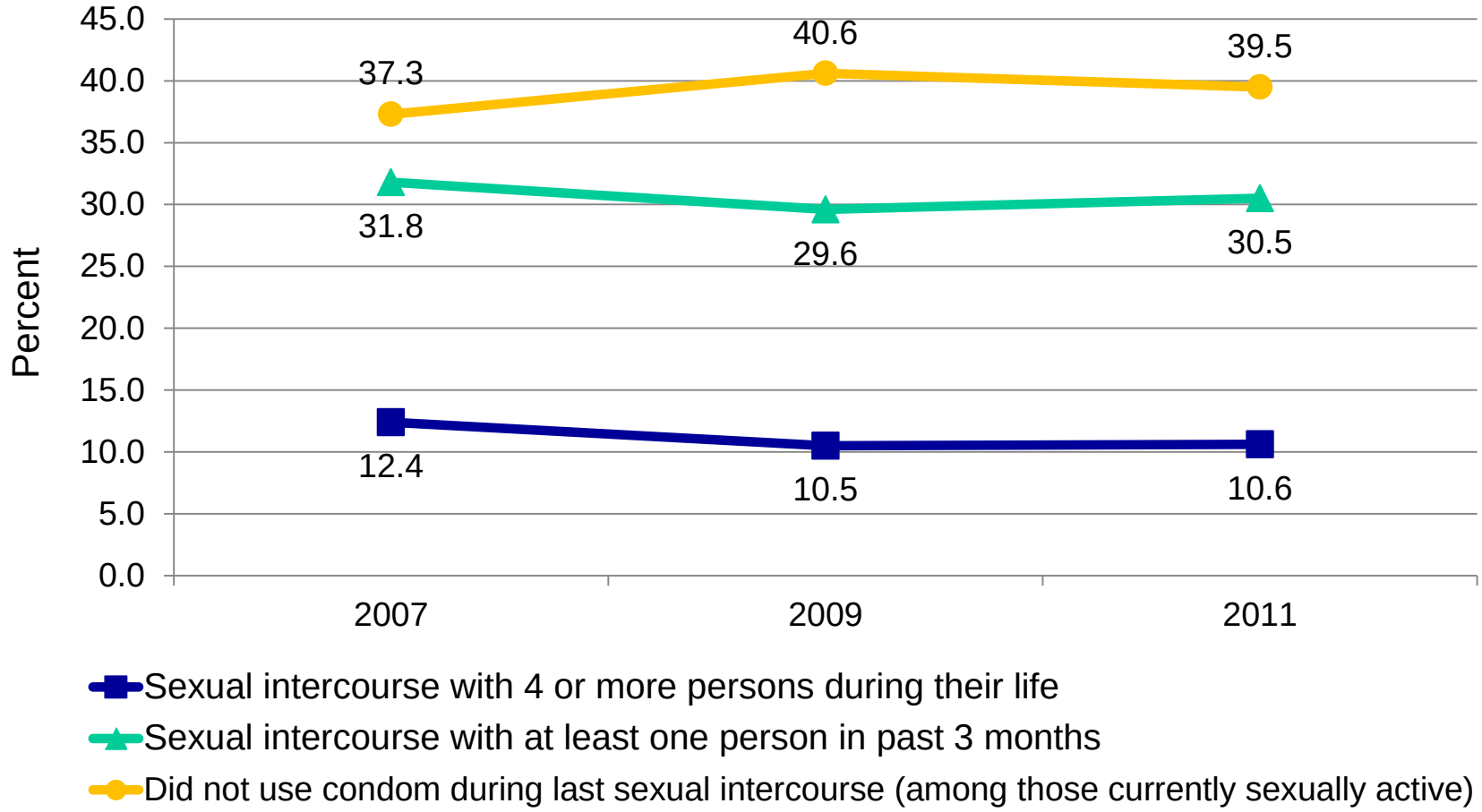
Incidence Rate for Work-related Injuries Connecticut, 2008-2011



Source: Bureau of Labor Statistics, Table 6, *Incidence Rates of Nonfatal Occupational Injuries and Illnesses by Industry and Case Types*, Connecticut, 2008-2011.

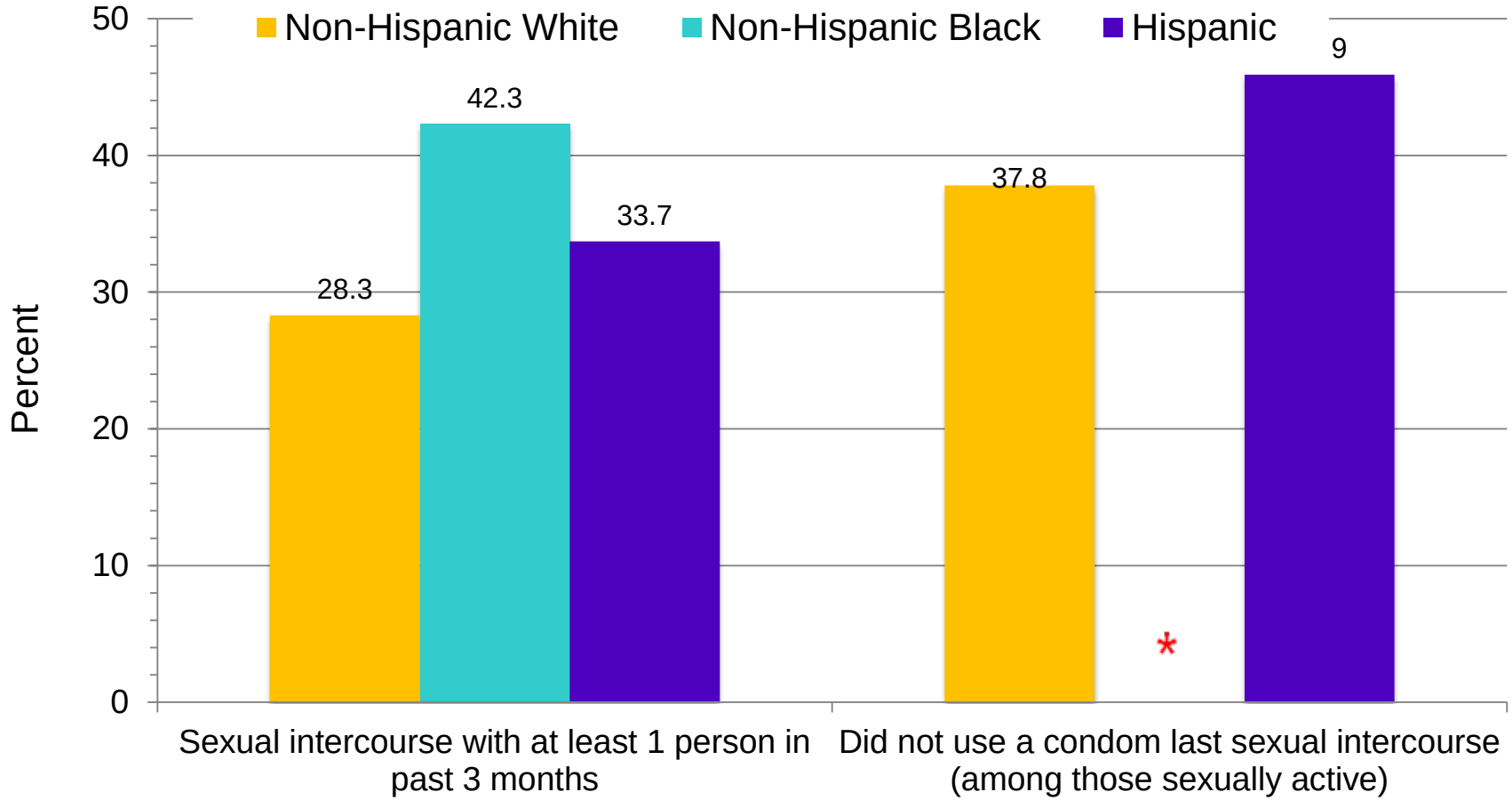
INFECTIOUS DISEASE PREVENTION AND CONTROL

Prevalence of Sexual Risk Behaviors among Students in Grades 9-12 Connecticut, 2007-2011



Source: Connecticut Youth Risk Behavior Survey, 2005-2011.

Prevalence of Sexual Risk Behaviors among Students in Grades 9-12, by Race/Ethnicity Connecticut, 2011

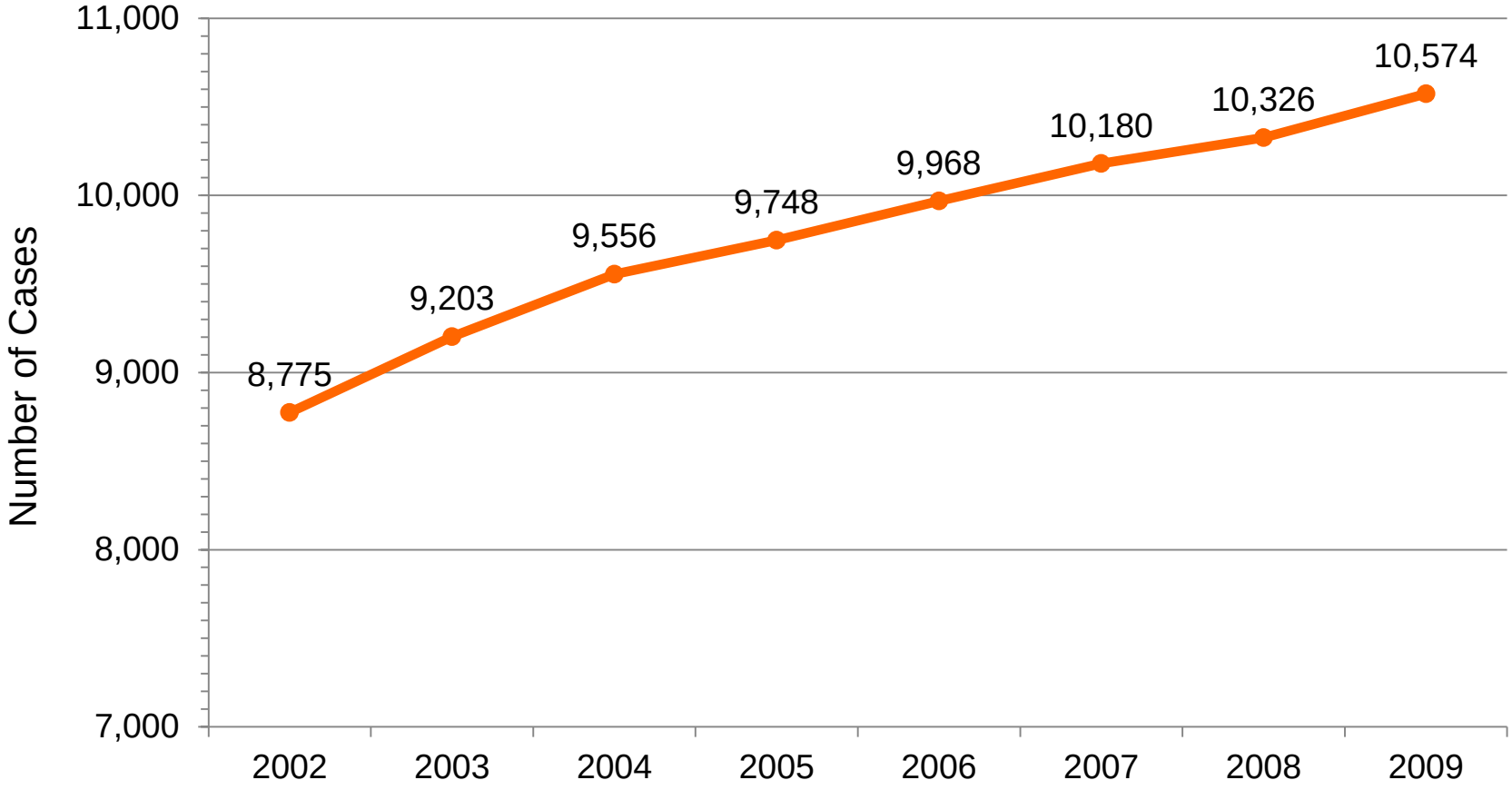


* Insufficient sample size for non-Hispanic blacks

Source: Connecticut Youth Risk Behavior Survey, 2011.

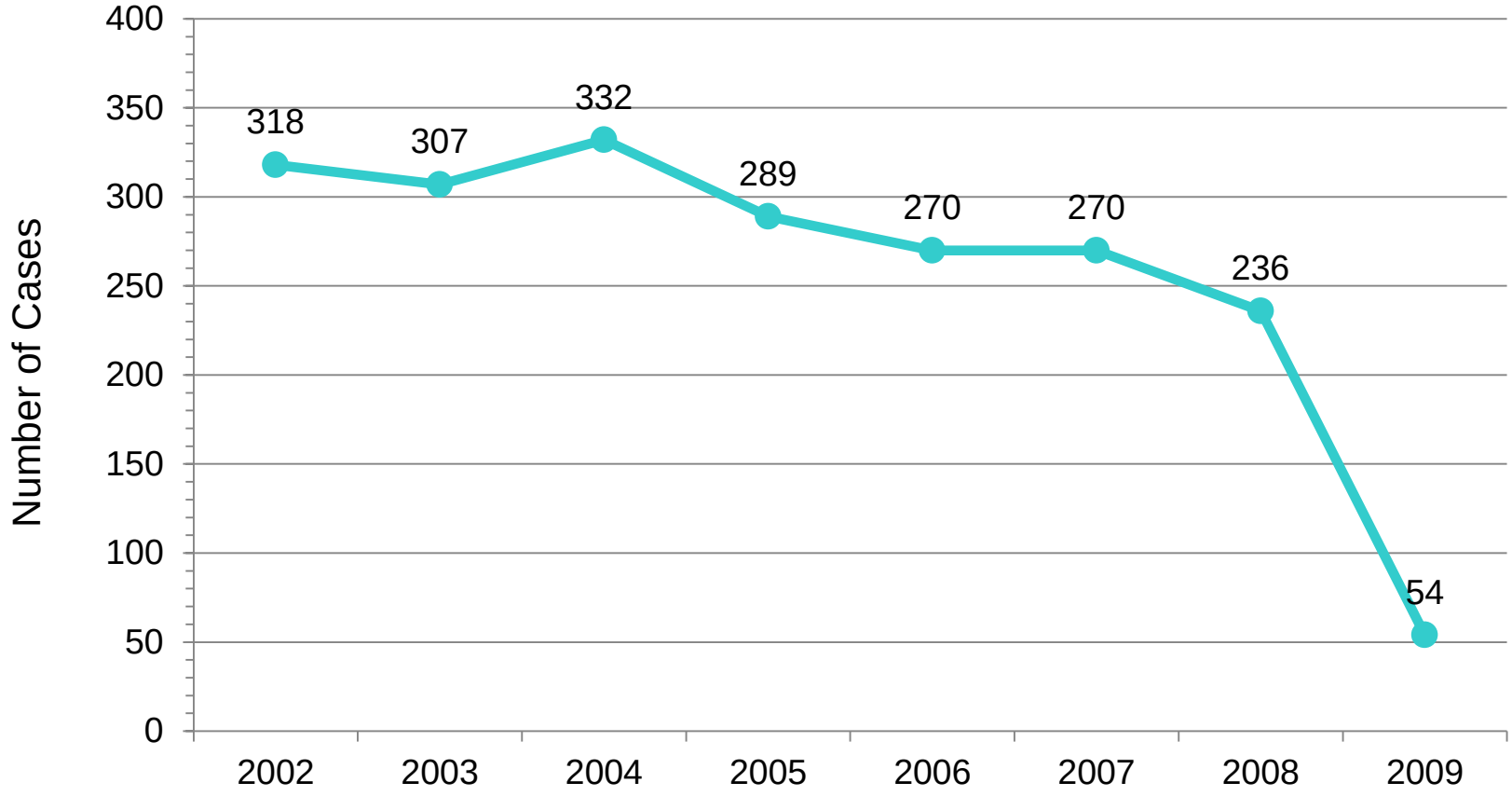
Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

Number of People Living with HIV Connecticut, 2002-2009



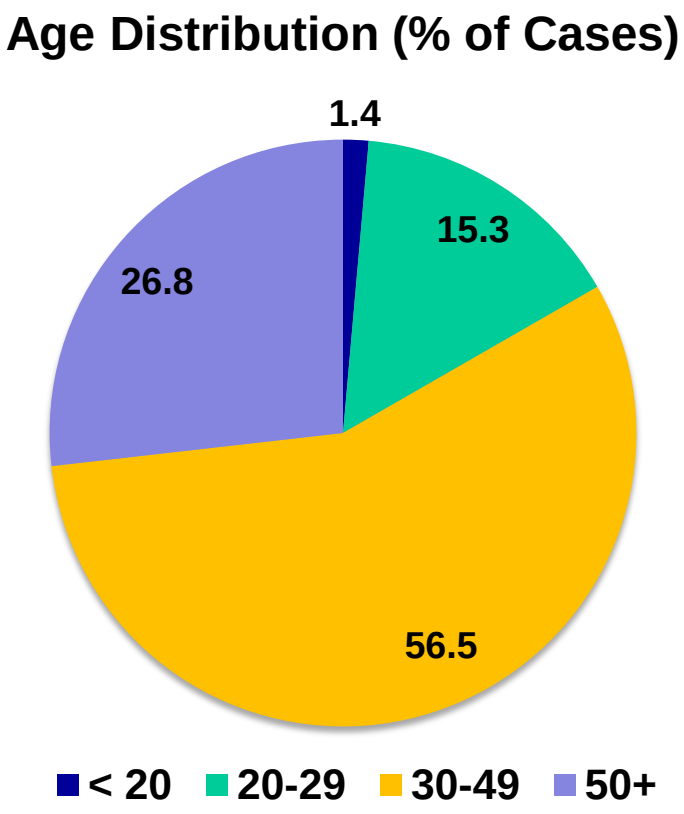
Source: Connecticut Department of Public Health AIDS and Chronic Diseases Section. *Epidemiologic Profile of HIV/AIDS in Connecticut*, 2010, Table 2.1.2.

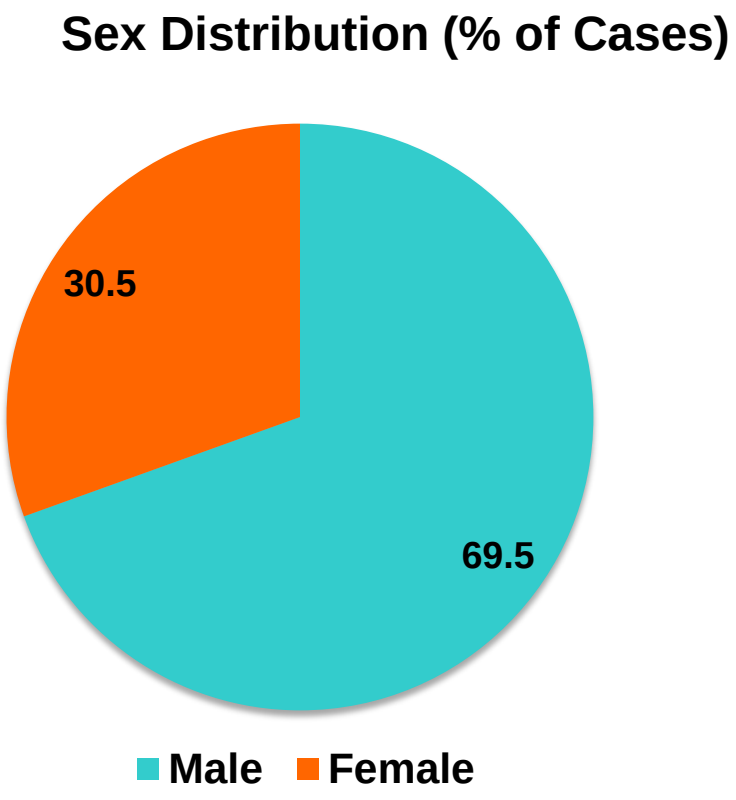
Number of Deaths among People Known to be Living with HIV Connecticut, 2002-2009



Source: Connecticut Department of Public Health AIDS and Chronic Diseases Section, *Epidemiologic Profile of HIV/AIDS in Connecticut*, 2010, Table 2.1.2.

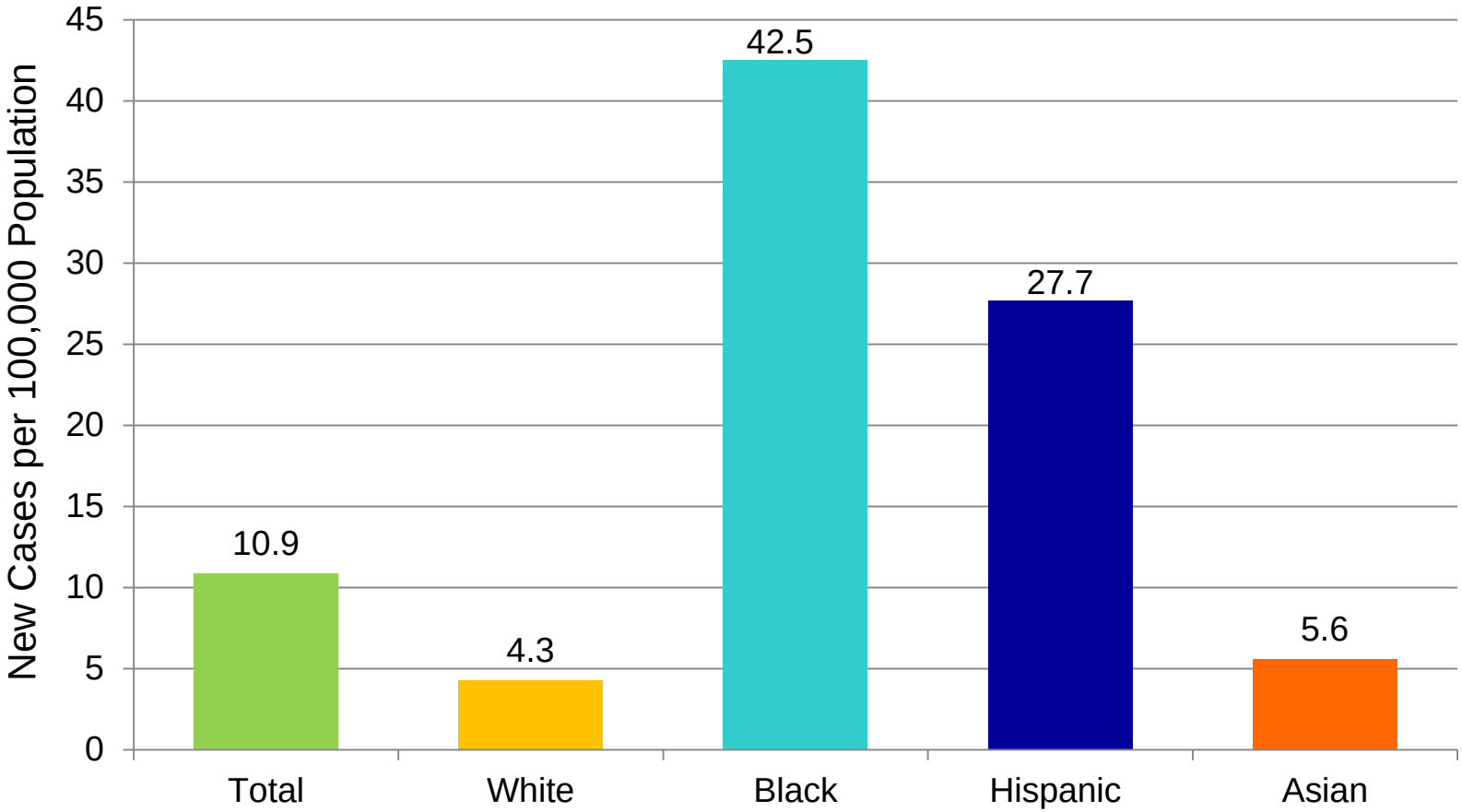
Distribution by Age and Sex of New HIV/AIDS Cases Connecticut, 2005-2009





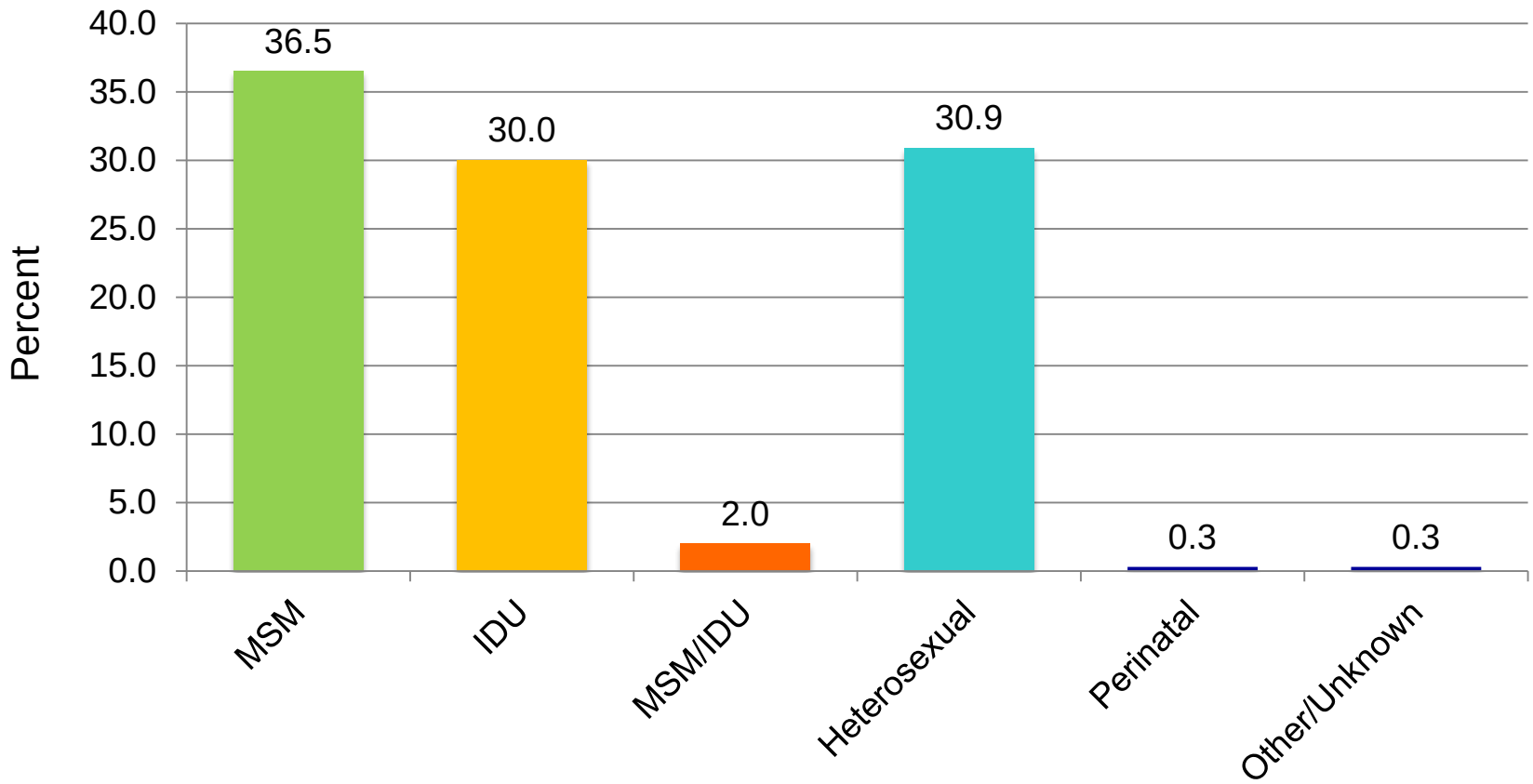
Source: Connecticut Department of Public Health AIDS and Chronic Diseases Section, *Epidemiologic Profile of HIV/AIDS in Connecticut*, 2010, Section 2.3.

Rate of New HIV/AIDS Cases by Race and Ethnicity Connecticut, 2008



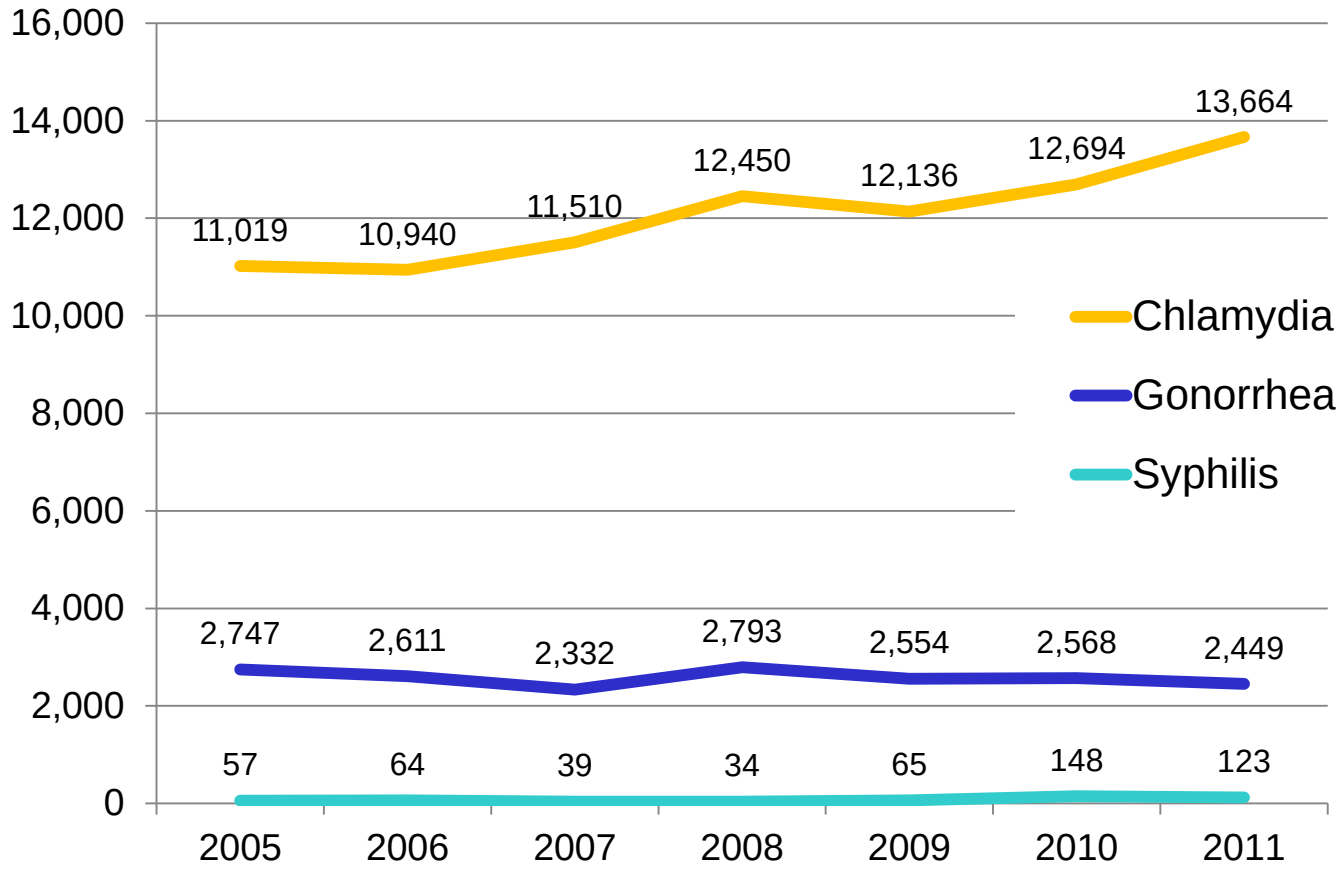
Source: Connecticut Department of Public Health
AIDS and Chronic Diseases Section, *Epidemiologic Profile of HIV/AIDS in Connecticut*, 2010, Table 2.4.1.

Percent of New HIV/AIDS Cases by Transmission Category Connecticut, 2005-2009



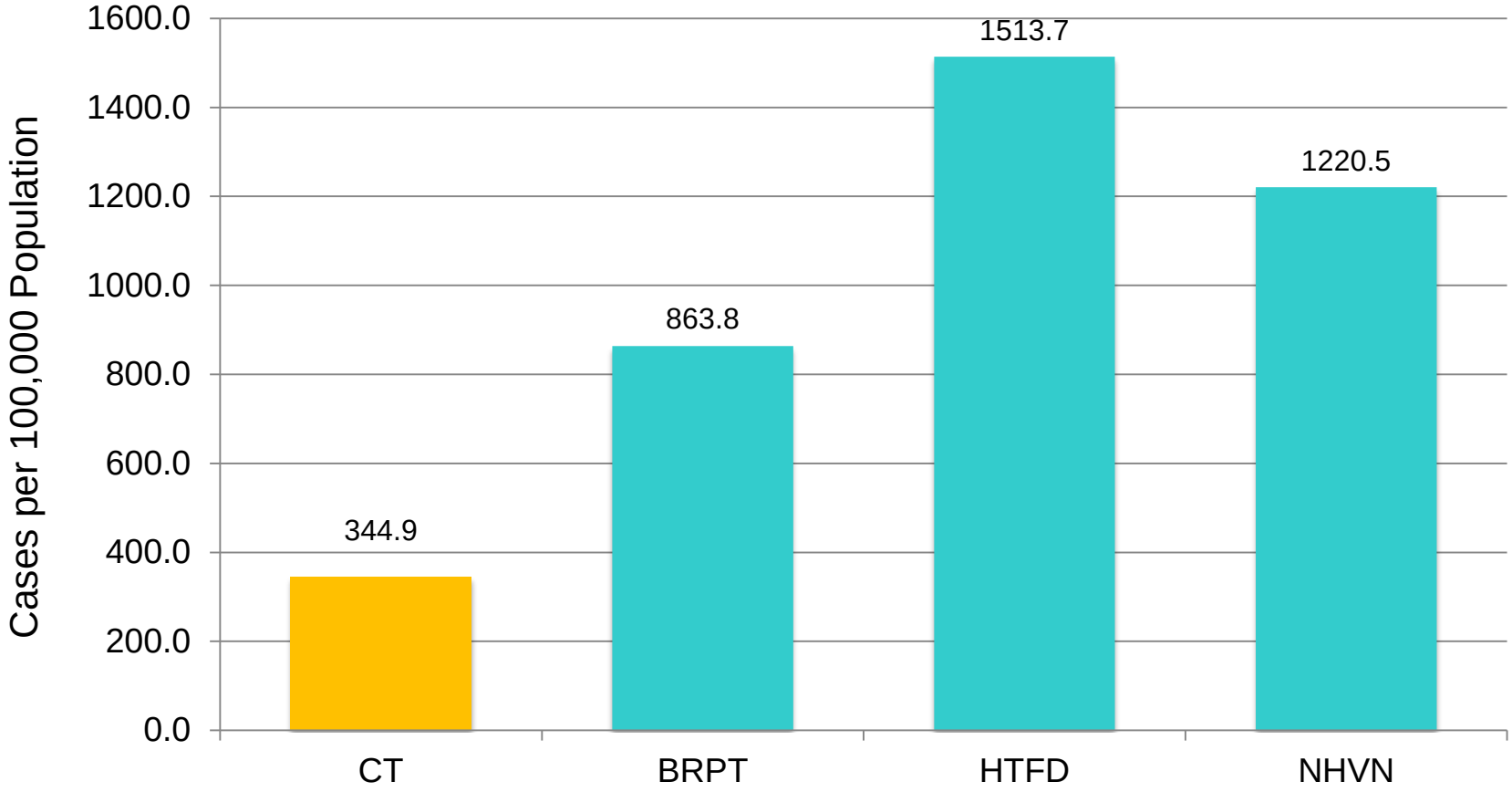
Source: Connecticut Department of Public Health
AIDS and Chronic Diseases Section, Epidemiologic Profile of HIV/AIDS in Connecticut, 2010, Table 2.3.2.

Numbers of New Cases of Chlamydia, Gonorrhea, and Syphilis Connecticut, 2005-2011



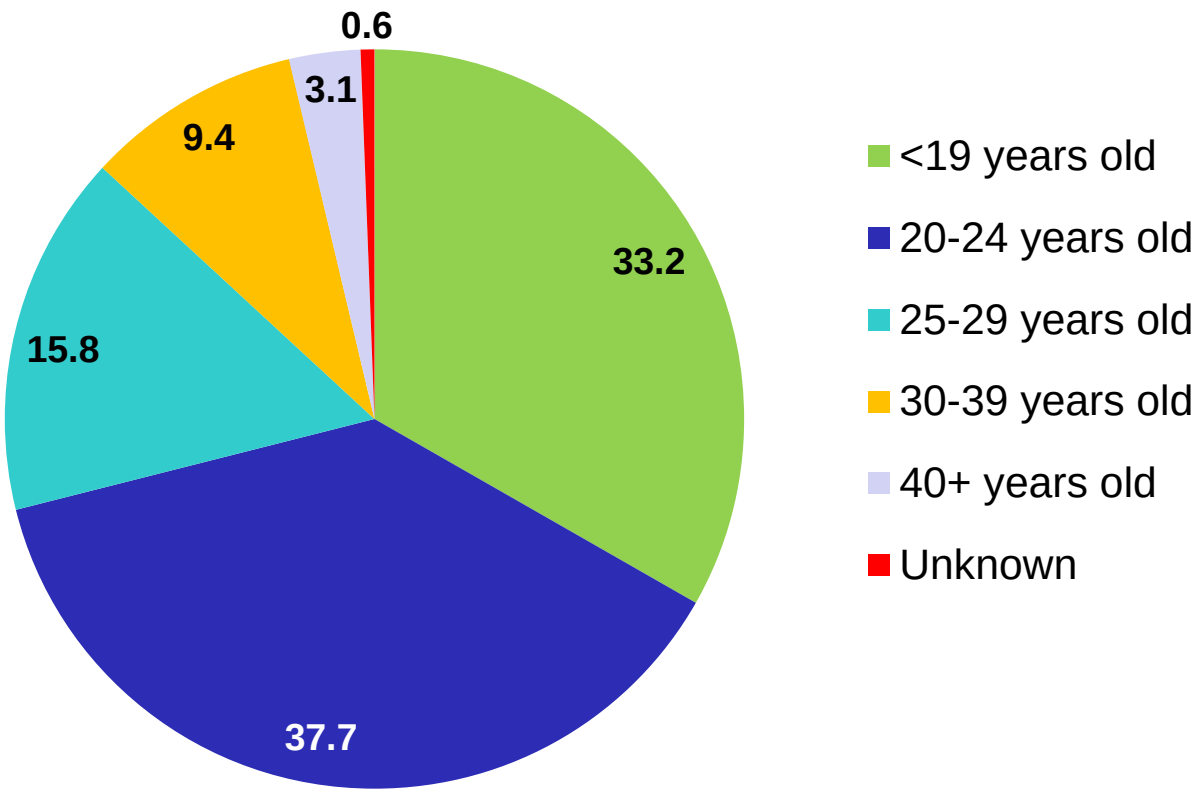
Source: Connecticut Department of Public Health AIDS and Chronic Diseases Section, Epidemiologic Profile of HIV/AIDS in Connecticut, 2010 (2005-2009 data) and Reported Cases of Disease by County, 2010 and 2011

Chlamydia Case Rates
Connecticut and Its Largest Towns, 2009



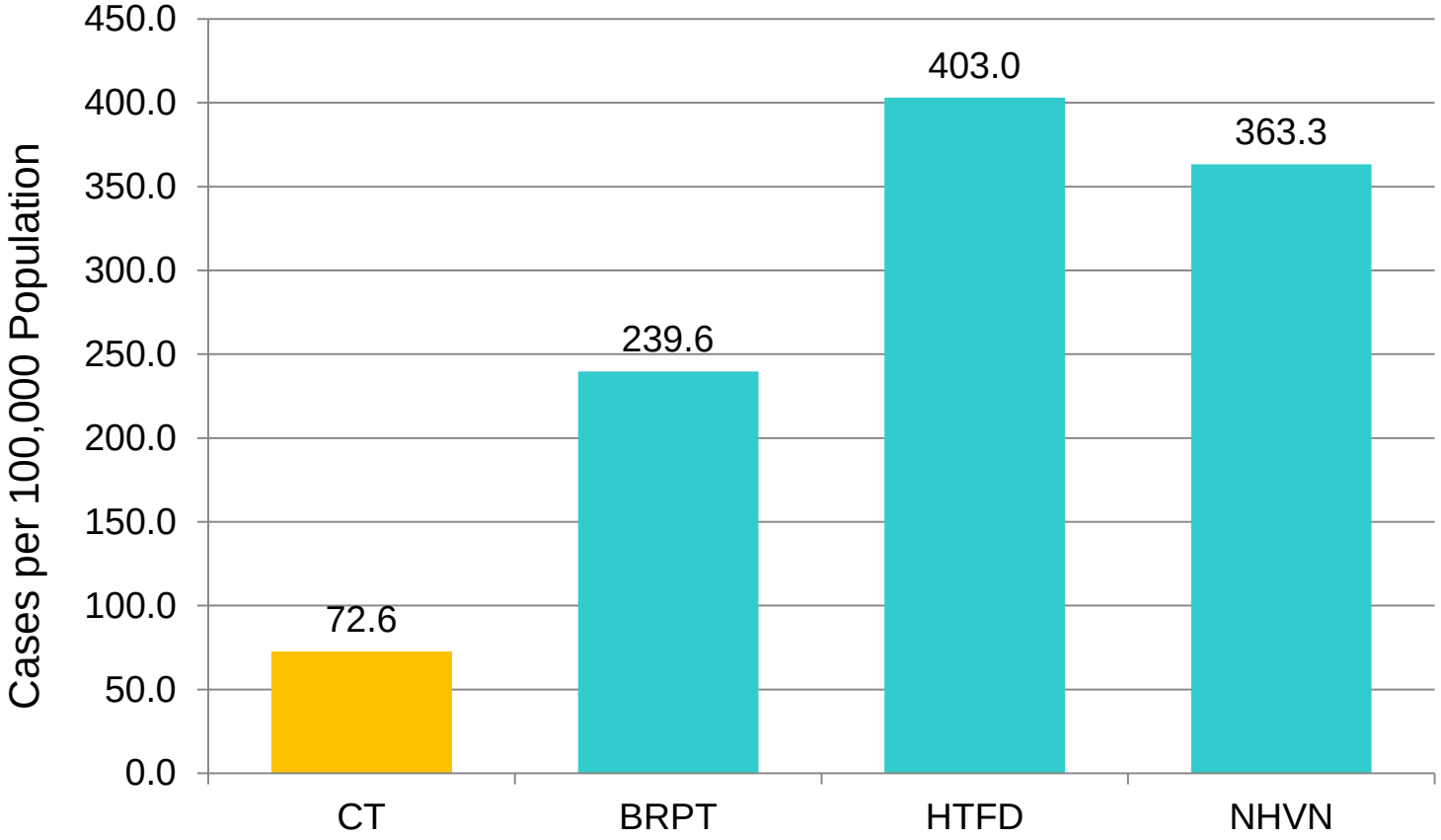
Source: Connecticut Department of Public Health
AIDS and Chronic Diseases Section, *Epidemiologic Profile of HIV/AIDS in Connecticut*, 2010, Table 5.2.

Percentage of Chlamydia Cases by Age Connecticut, 2009



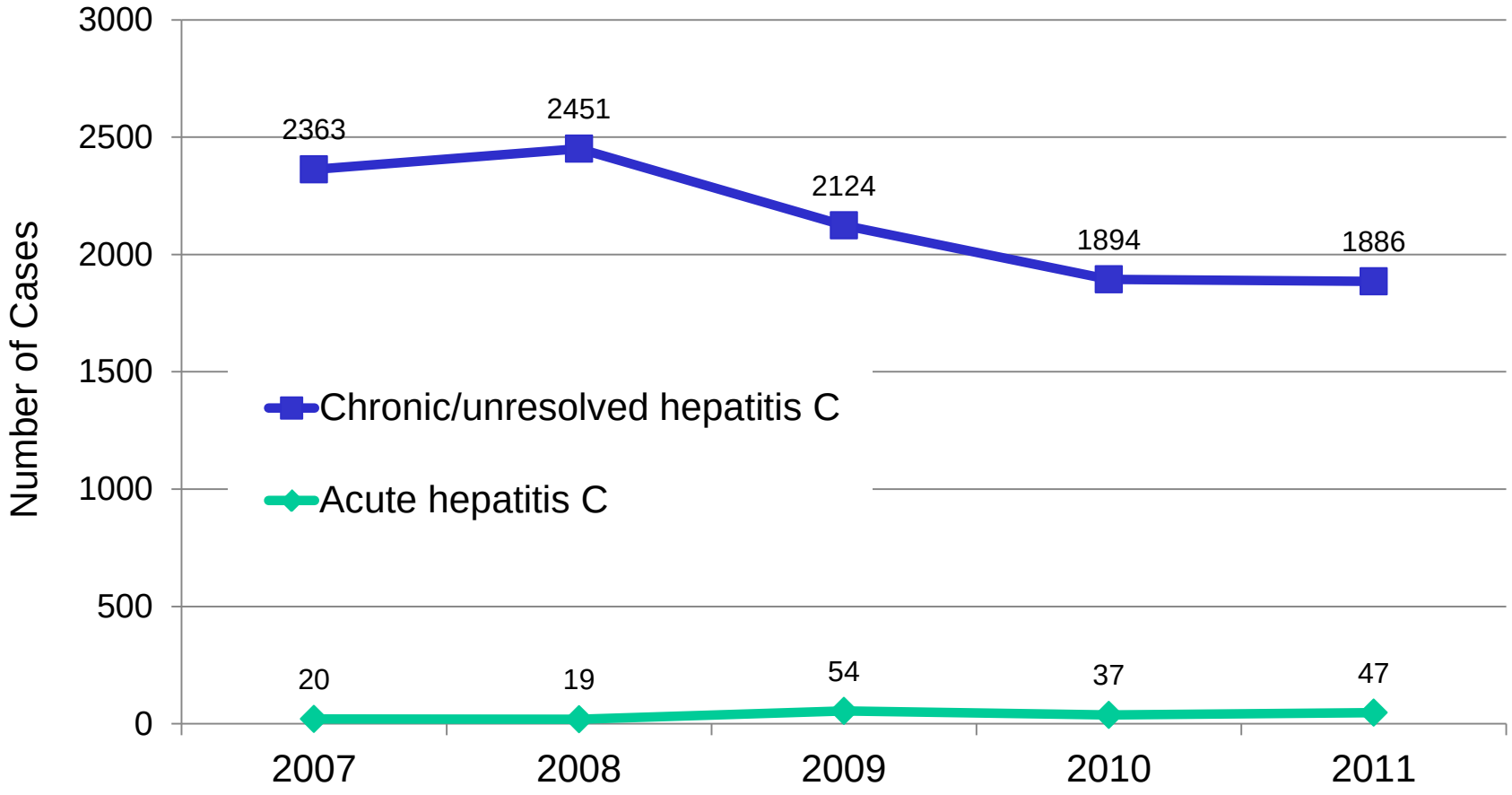
Source: Connecticut Department of Public Health
AIDS and Chronic Diseases Section, *Epidemiologic Profile of HIV/AIDS in Connecticut*, 2010, Table 5.3.

Gonorrhea Case Rates
Connecticut and Its Largest Towns, 2009



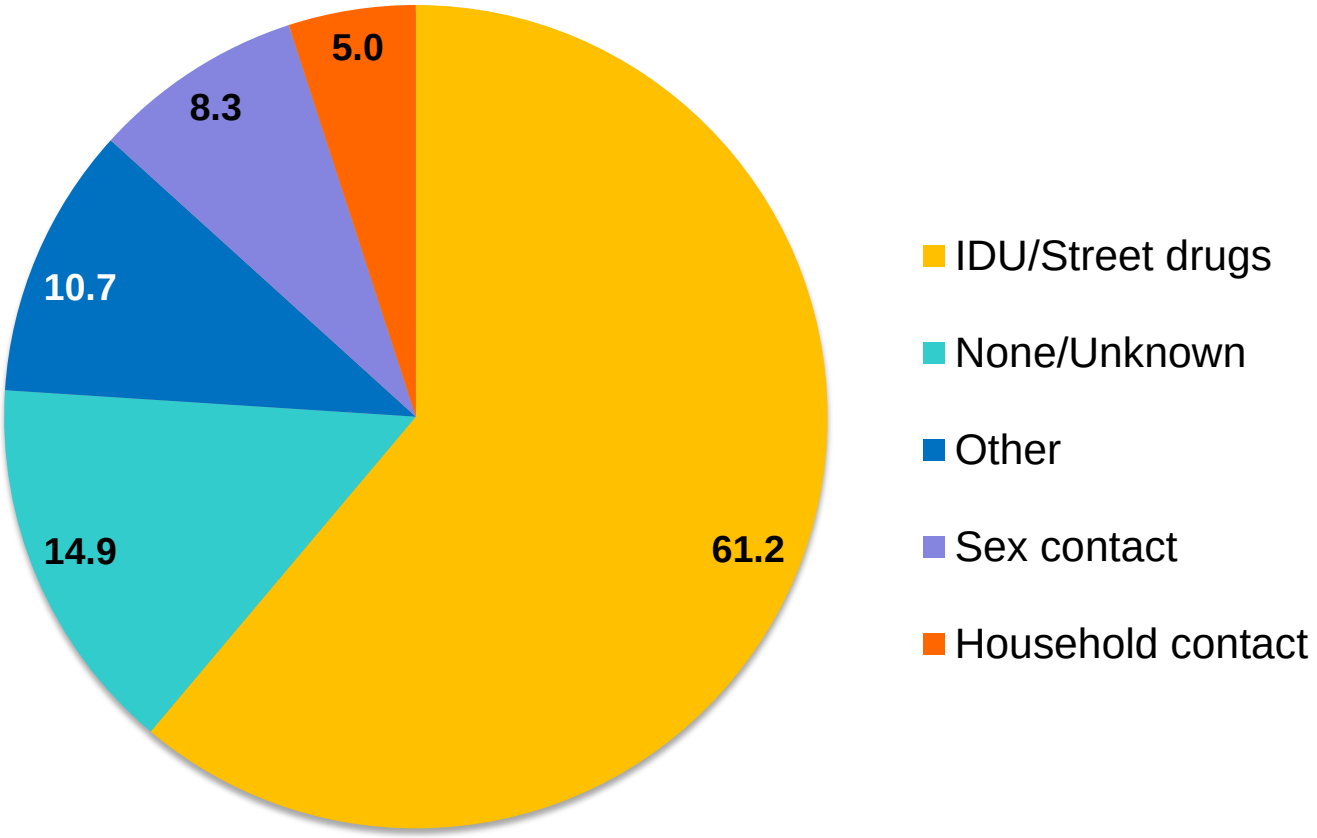
Source: Connecticut Department of Public Health
AIDS and Chronic Diseases Section, *Epidemiologic Profile of HIV/AIDS in Connecticut*, 2010, Table 5.1.1.

Numbers of Cases of Chronic/Unresolved and Acute Hepatitis C Connecticut, 2004-2009



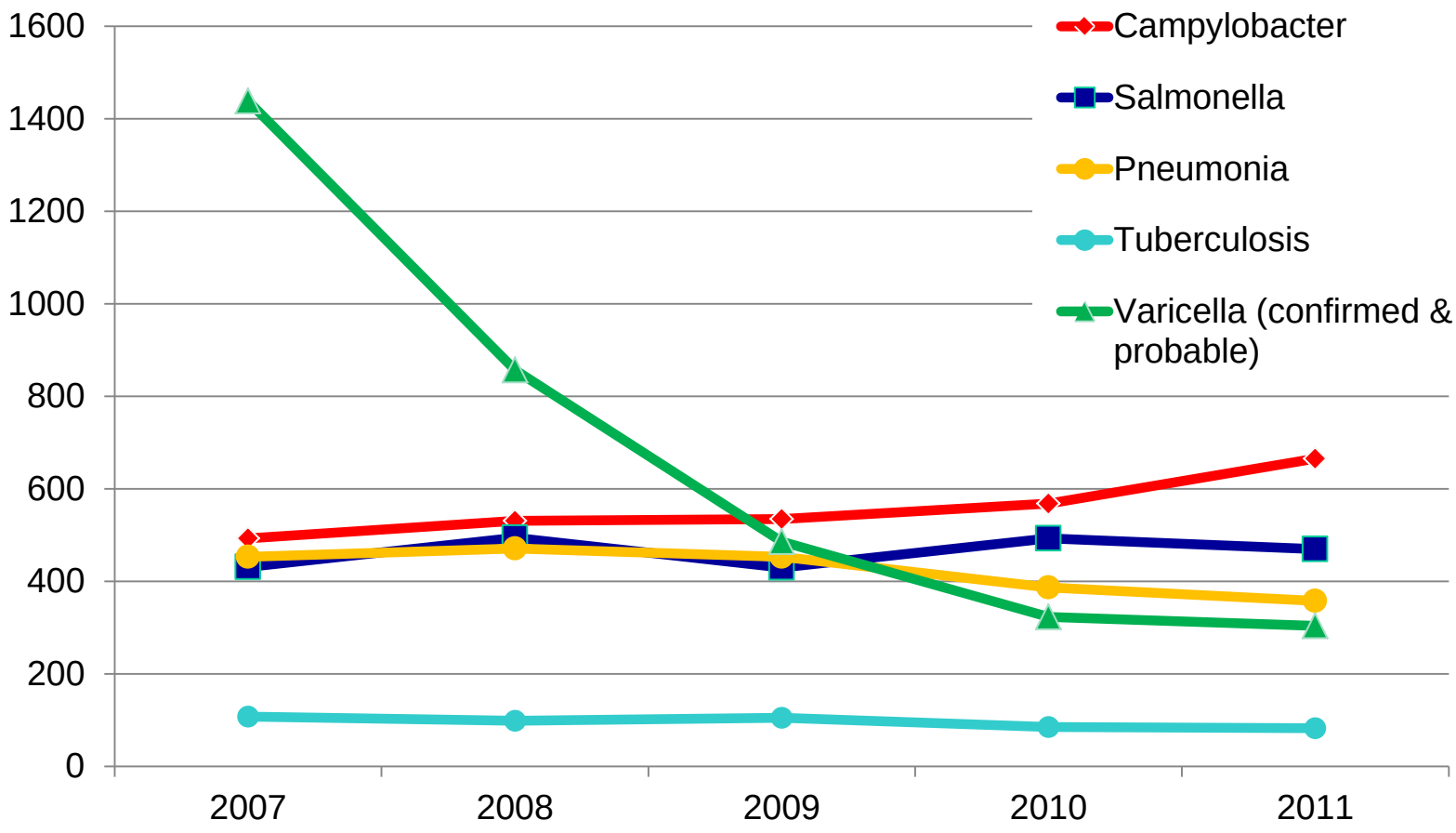
Source: Connecticut Department of Public Health Reported Cases of Disease by County, 2007-2011.

Percent of Persons Contracting Acute Hepatitis C by Transmission Method Connecticut, 2004-2009



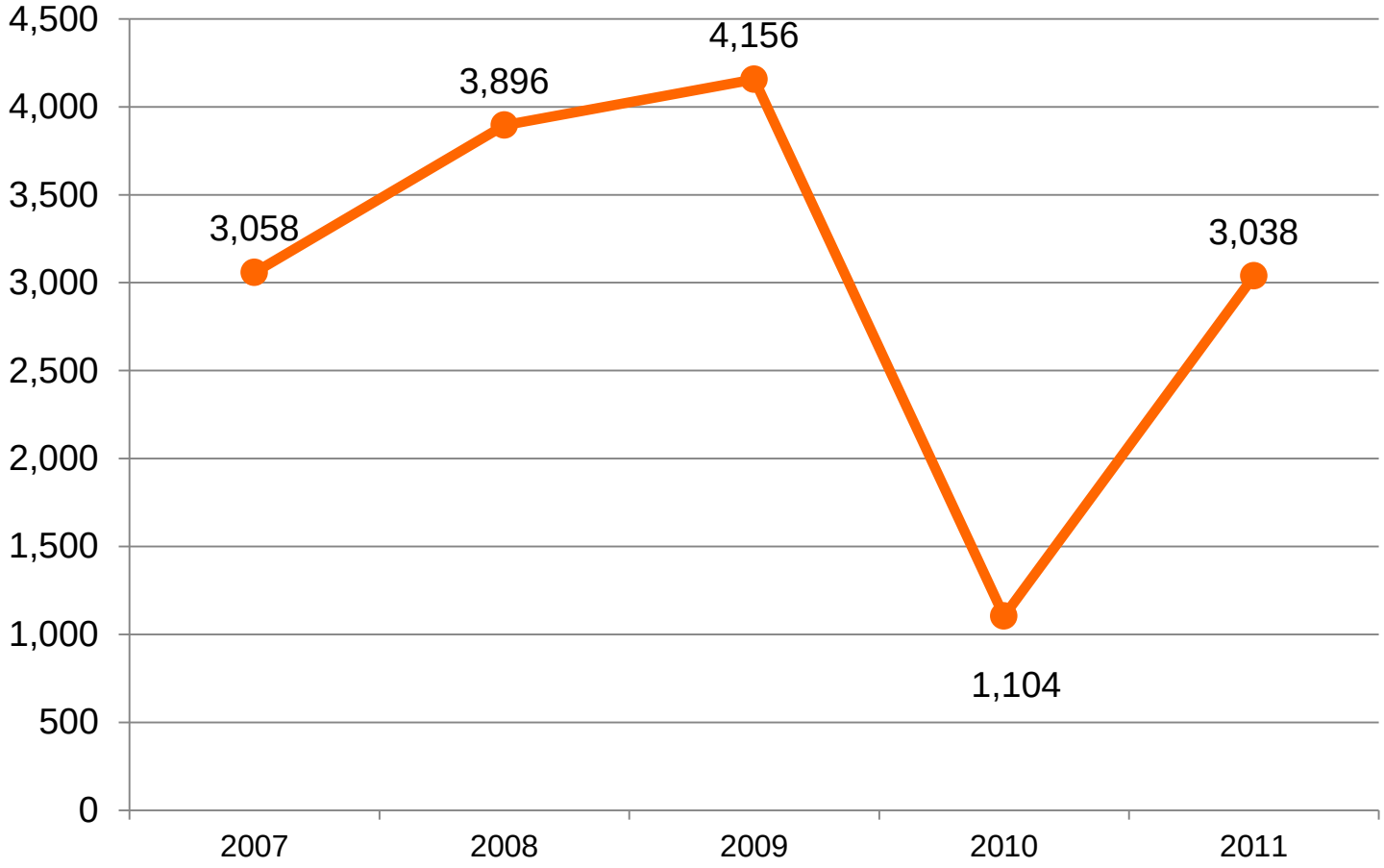
Source: Connecticut Department of Public Health AIDS and Chronic Diseases Section, *Epidemiologic Profile of HIV/AIDS in Connecticut*, 2010, Table 6.2.1.

Number of New Cases of Selected Reported Infections Connecticut, 2007-2011



Source: Connecticut Department of Public Health Reported Cases of Disease by County, 2007-2011.

Number of New Cases (Confirmed and Probable) of Lyme Disease Connecticut, 2007-2011



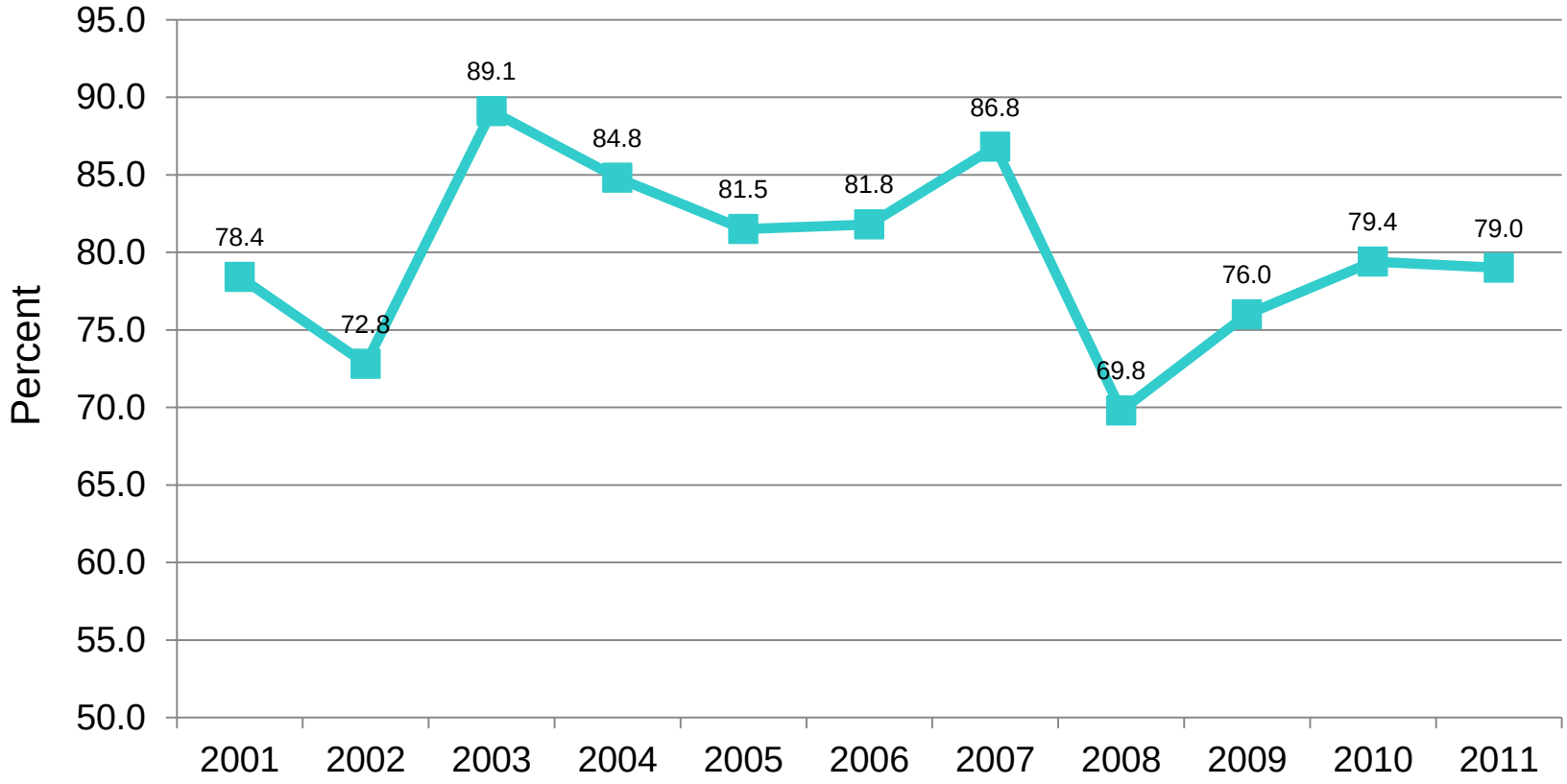
Source: Connecticut Department of Public Health
Reported Cases of Disease by County, 2007-2011.

Select Healthcare-associated Infections, Connecticut, 2011-2012

Infection	Number
Central line associated bloodstream infection (CLABSI) July 2011- June 2012	67 central line infections
Methicillin-resistant *Staphylococcus aureus* (MRSA) (transmission site unknown), January – December 2011	925 cases

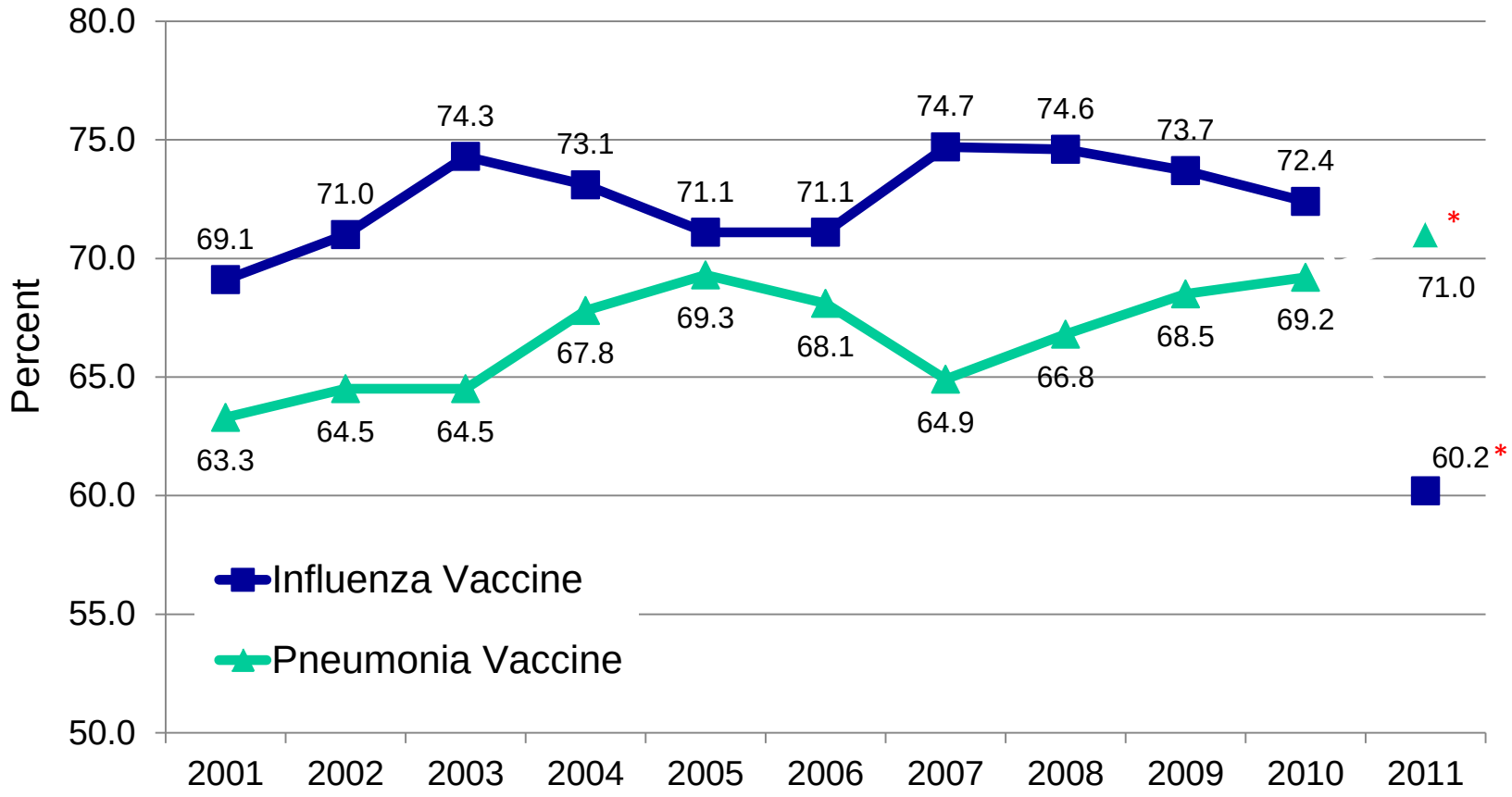
Source: Connecticut Department of Public Health, 2012 Connecticut Healthcare Associated Infections (HAIs) Hospital-specific Report ,and CT Department of Public Health, Reported Cases of Disease by County, 2011.

Percent of Children (19-35 Months of Age) Who Completed Vaccine Series Connecticut, 2001-2011



Source: Connecticut Department of Public Health, *Healthy Connecticut 2010 Final Report*; CDC, National Immunization Survey; Morbidity and Mortality Weekly Reports, *National, State, and Local Area Vaccination Coverage among Children Aged 19-35 Months, United States* – 2009-2011, Table 3.

Percent of Adults 65+ Years of Age Who Received Flu Shot in Past Year and Ever Received Pneumonia Vaccine Connecticut, 2001-2011



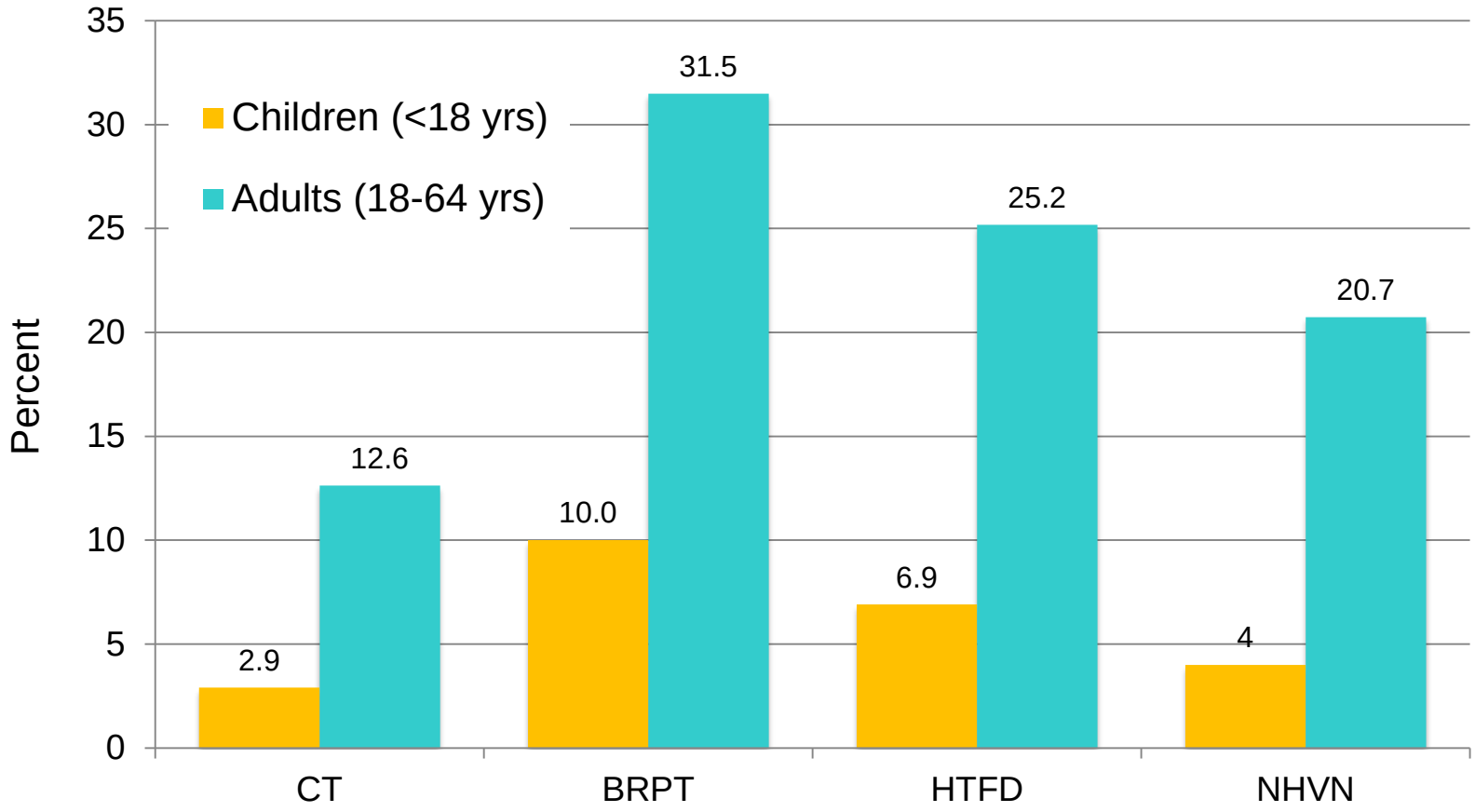
* Break in trend due to new weighting in 2011

Source: Connecticut Behavioral Risk Factor Surveillance System, 2001-2011.

Connecticut Department of Public Health
www.ct.gov/dph/SHIPcoalition

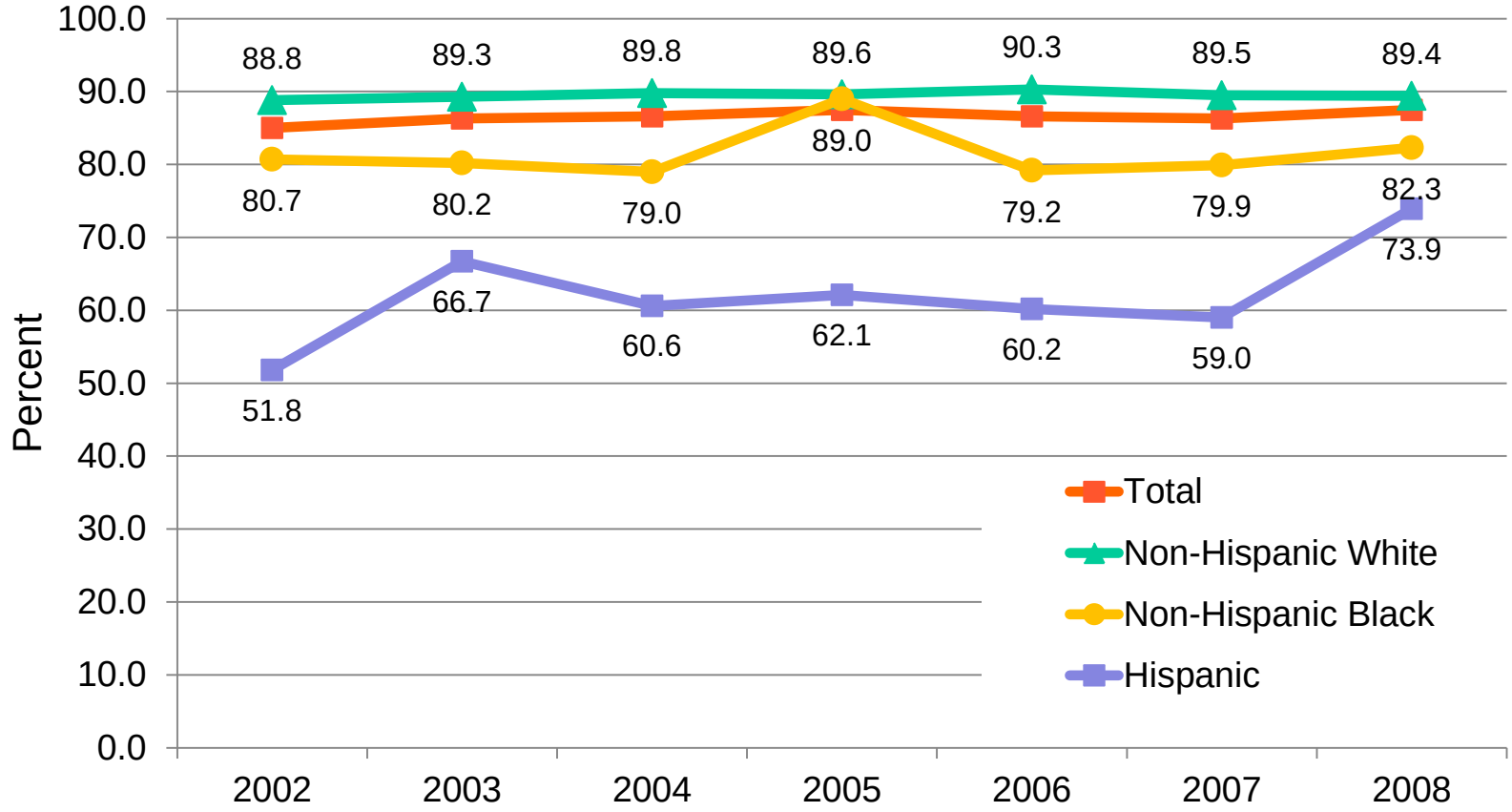
HEALTH SYSTEMS

Percent of Uninsured Children and Adults Connecticut and Its Largest Towns, 2011



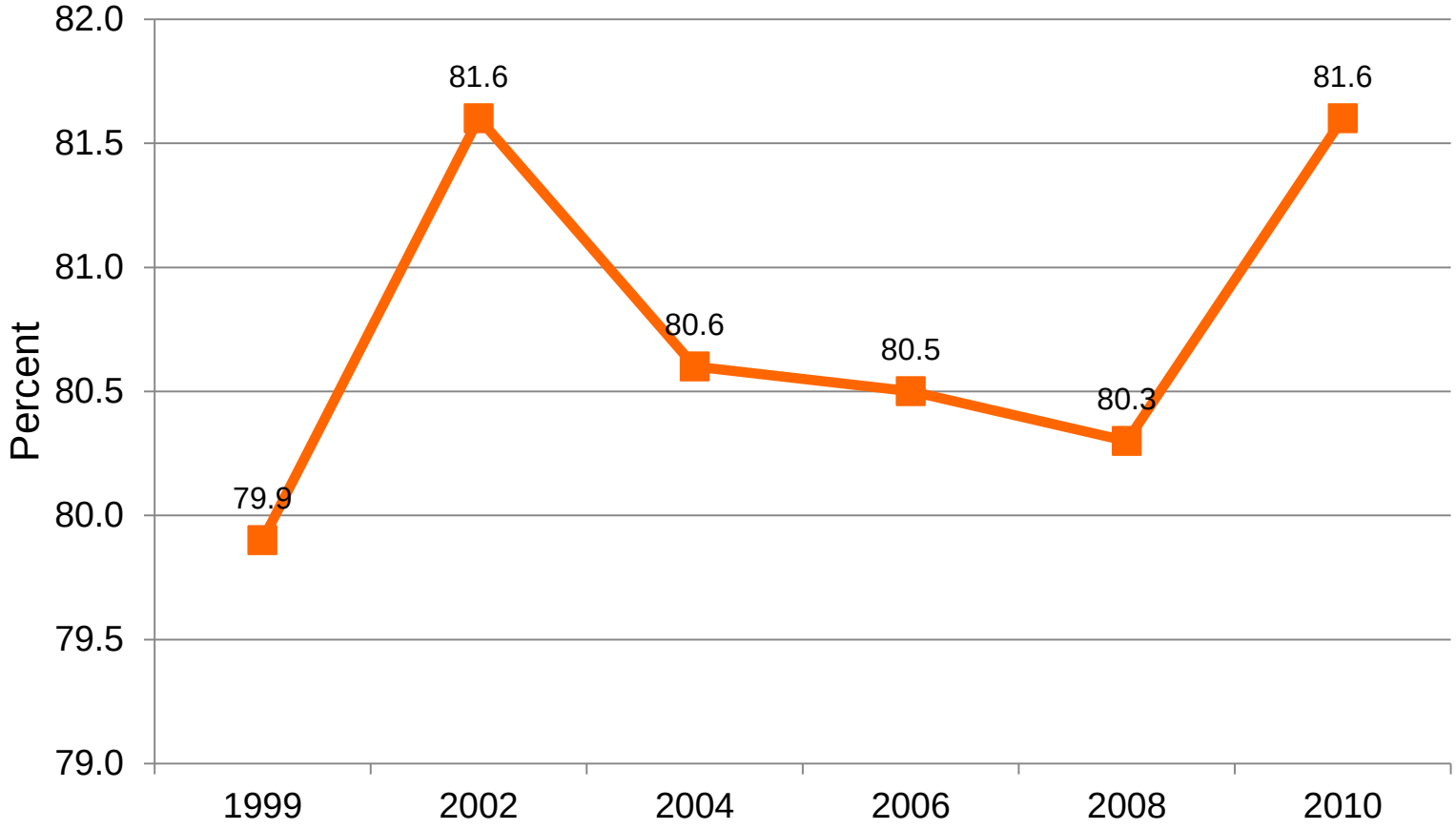
Source: US Census Bureau, American Community Survey, 1-Year Estimates, 2011, DP03 File.

Adults (18+ Years of Age) with Specific Source of Ongoing Care by Race and Ethnicity Connecticut, 2002-2008



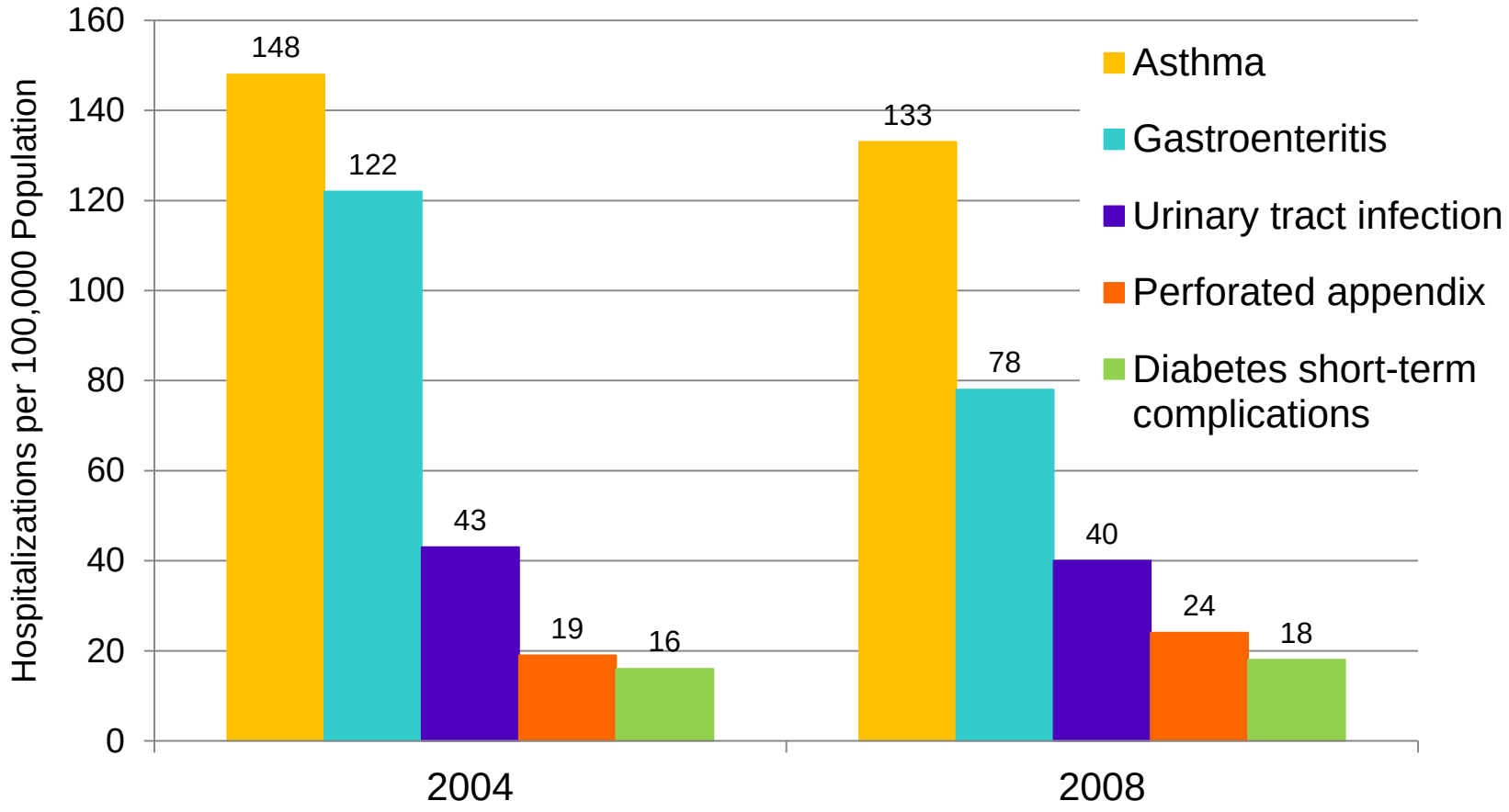
Source: Connecticut Department of Public Health, Healthy Connecticut 2010 Final Report, Connecticut Behavioral Risk Factor Surveillance System Core Questions Data Report, 2002-2008.

Percent of Adults Who Visited the Dentist in Past Year for Any Reason Connecticut, 1999-2010



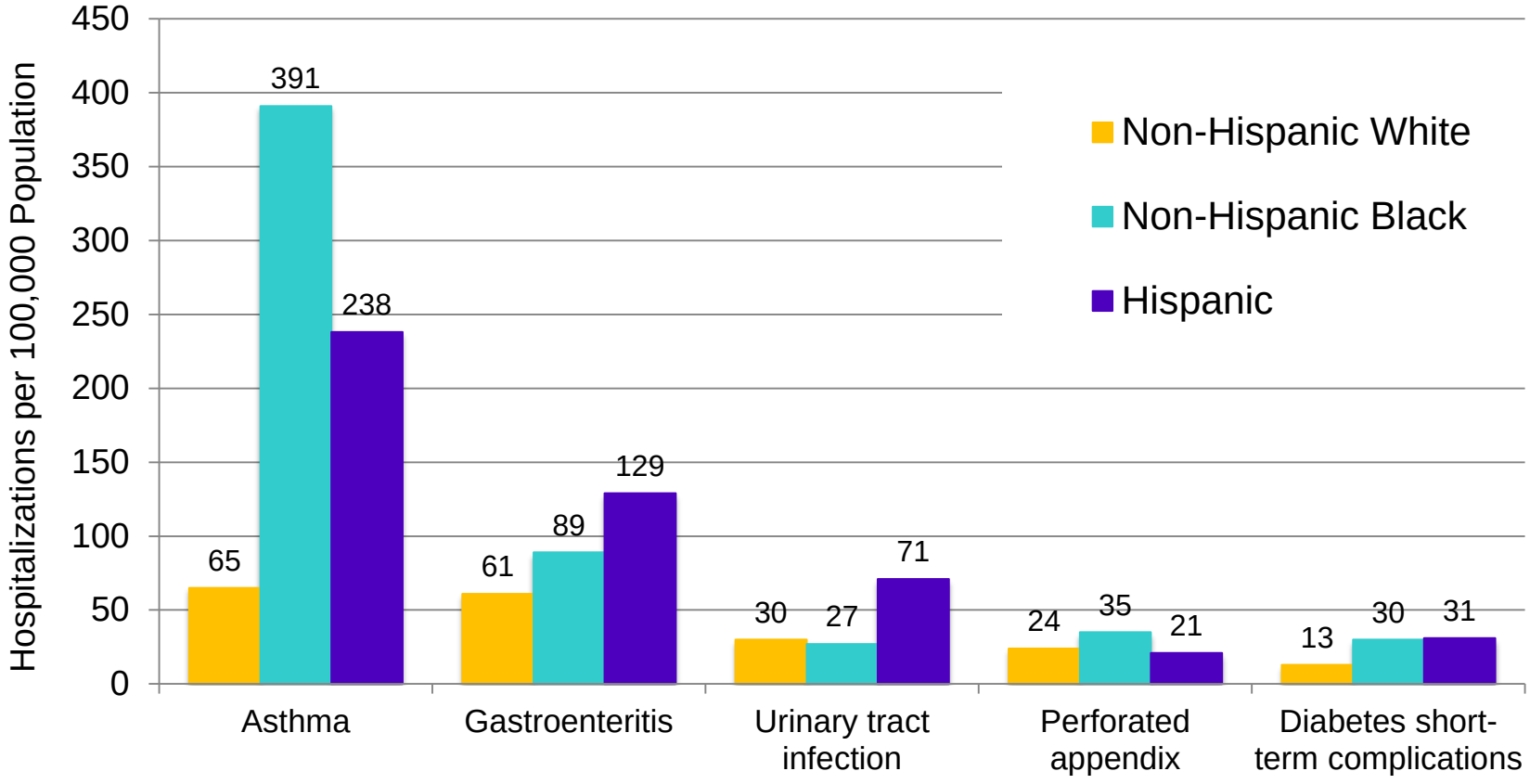
Source: Connecticut Behavioral Risk Factor Surveillance System, 1999-2010.

Pediatric Preventable Hospitalization Rates Connecticut, 2004 and 2008



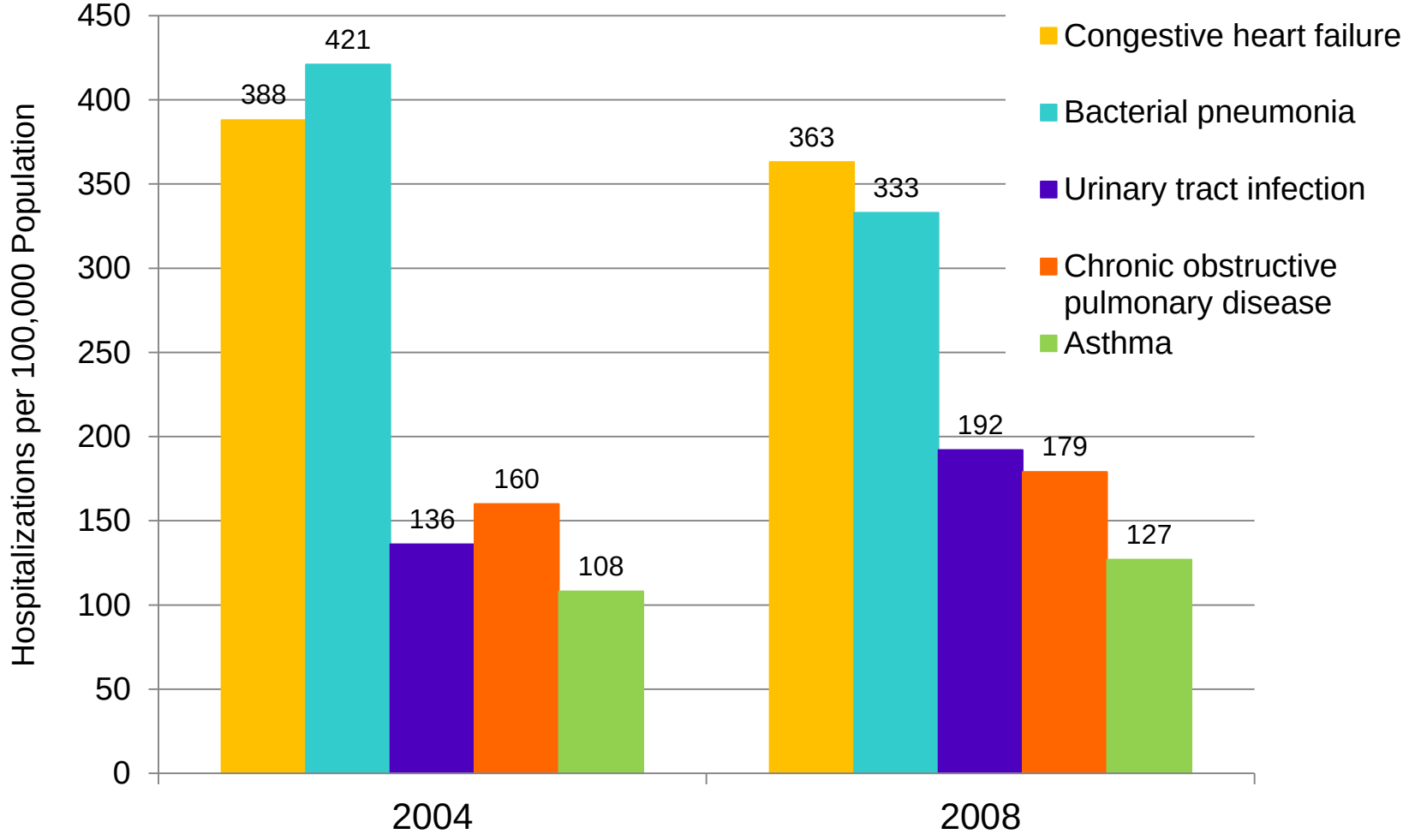
Source: Connecticut Department of Public Health, OCHA, *Preventable Hospitalizations in Connecticut: A Current Assessment of Access to Community Health Services*, Table 1.

Pediatric Preventable Hospitalization Rates by Race and Ethnicity Connecticut, 2008



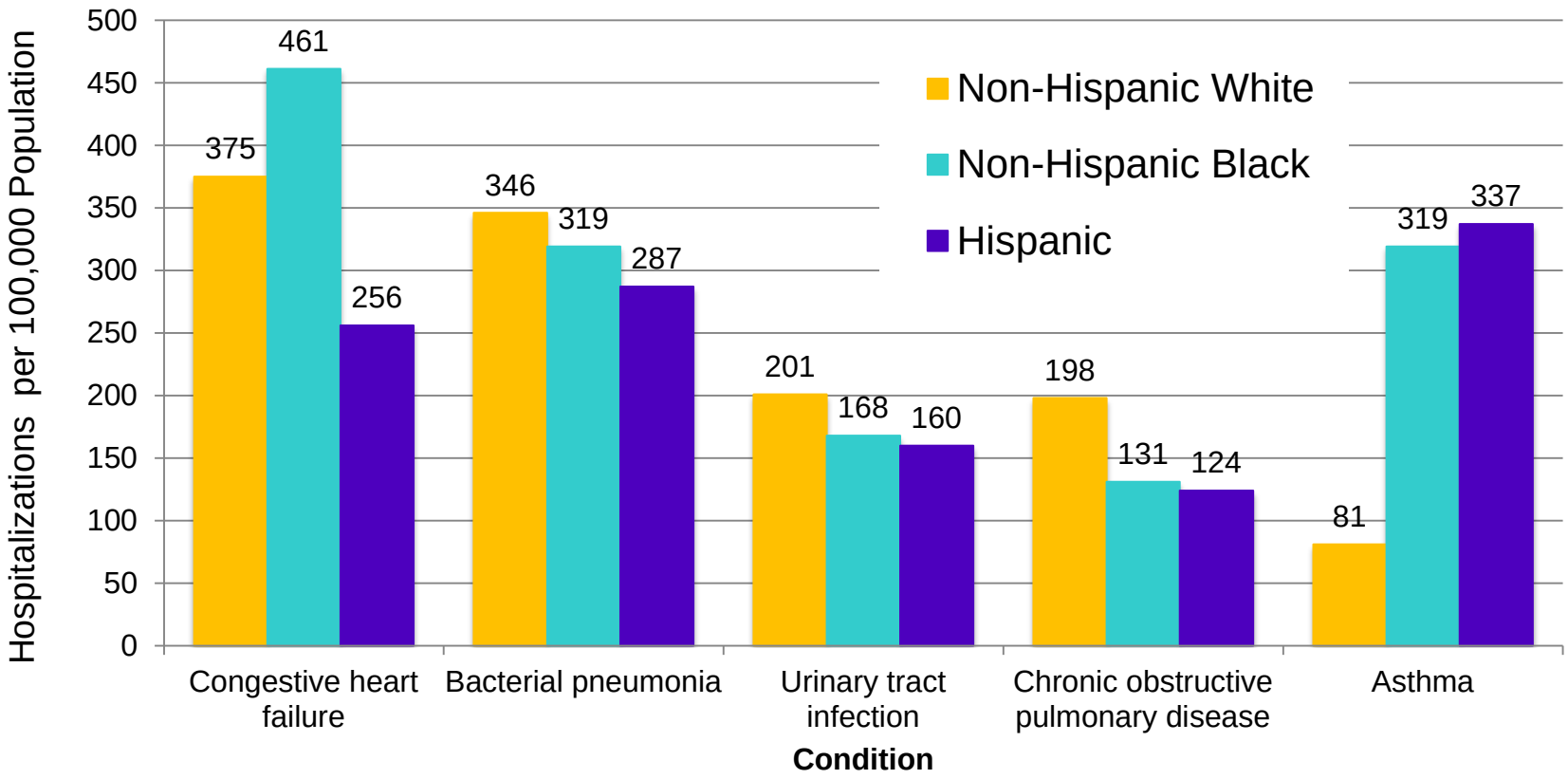
Source: Connecticut Department of Public Health, OCHA, *Preventable Hospitalizations in Connecticut: A Current Assessment of Access to Community Health Services*, Table 8.

Adult Preventable Hospitalizations Rates Connecticut, 2004 and 2008



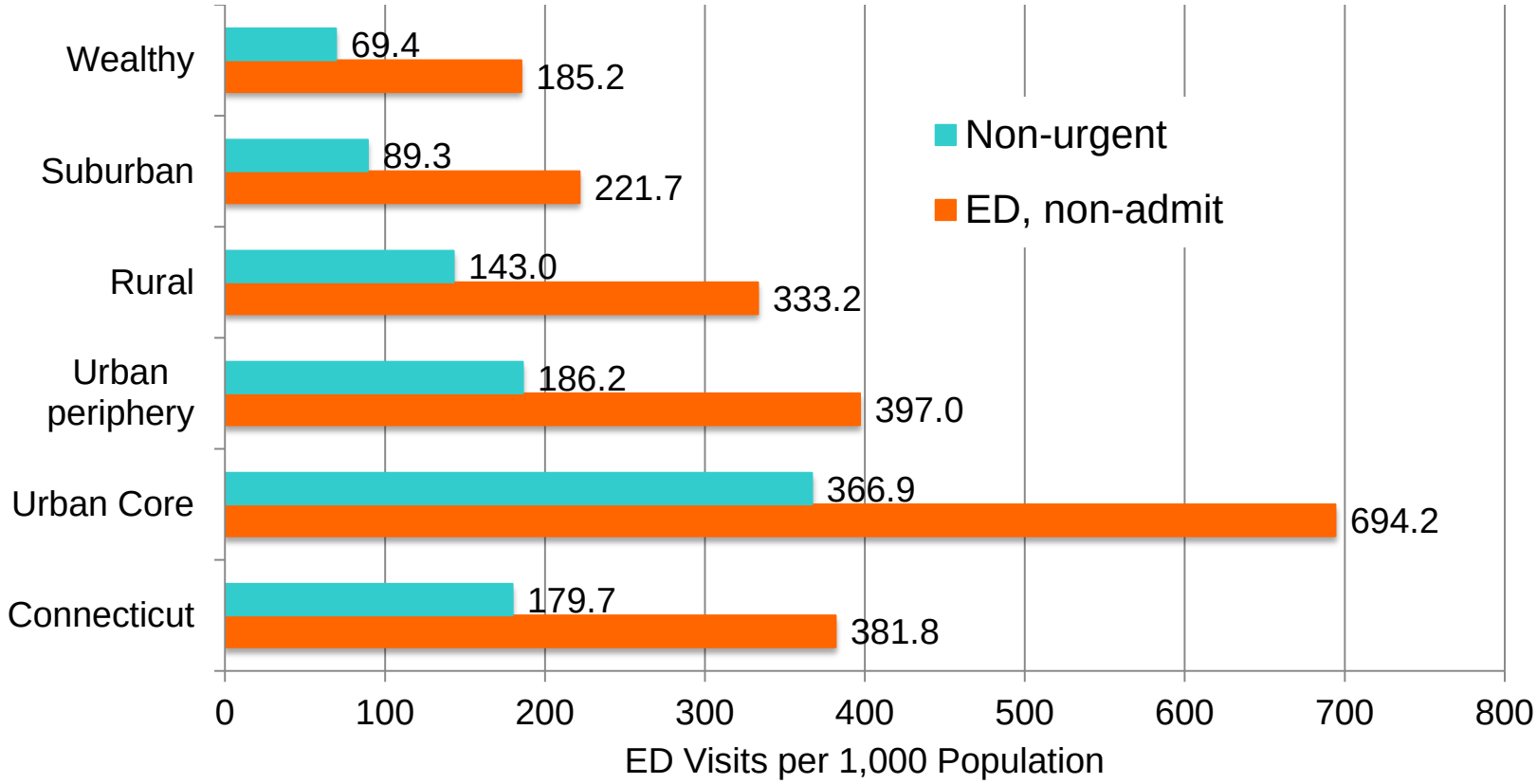
Source: Connecticut Department of Public Health, OCHA, *Preventable Hospitalizations in Connecticut: A Current Assessment of Access to Community Health Services*, Table 1.

Adult Preventable Hospitalization Rates by Race/Ethnicity Connecticut, 2008



Source: Connecticut Department of Public Health, OCHA, *Preventable Hospitalizations in Connecticut: A Current Assessment of Access to Community Health Services*, Table 8.

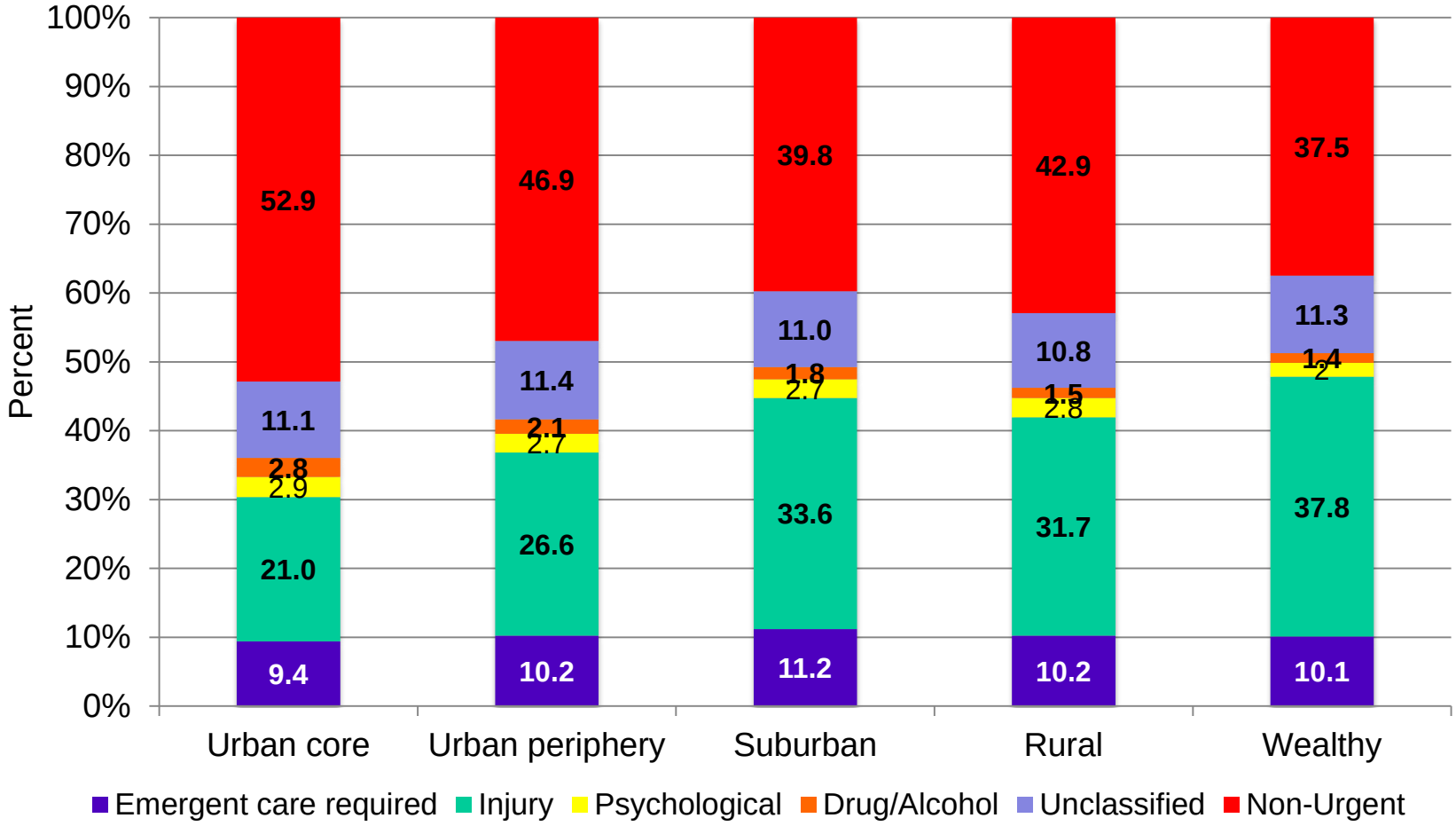
Rates of ED Non-urgent Visits and Non-admits for Connecticut and Towns in "The Five Connecticuts" * Town Groupings, FY 2009



* Groupings of towns based on socioeconomic factors (CT State Data Center.)

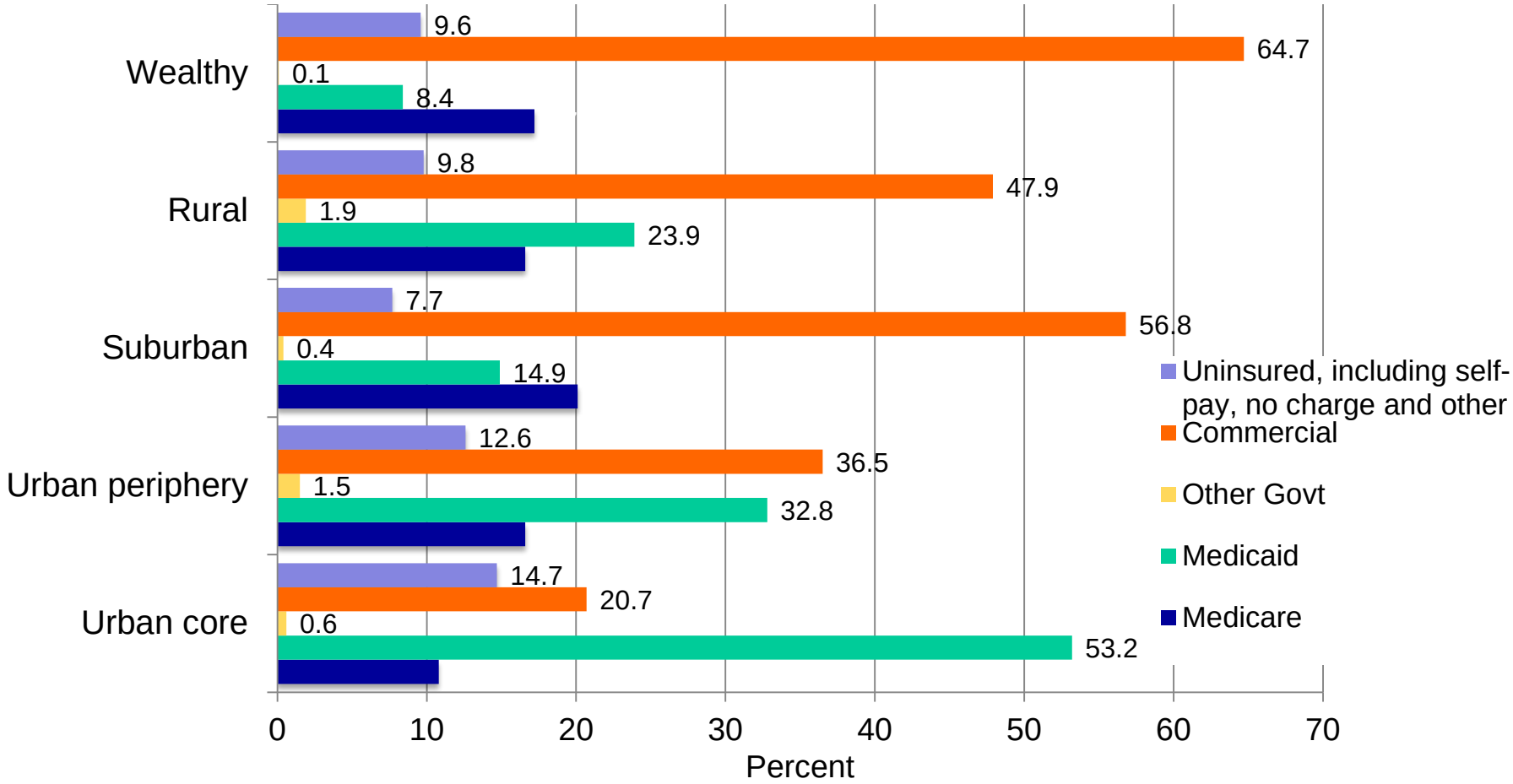
Source: Connecticut Department of Public Health, OCHA. 2010. *Profile in Emergency Department Visits Not Requiring Inpatient Admission to a Connecticut Acute Care Hospital Fiscal Year 2006-2009,* Chart 7.

Percent of ED Non-admits by Visit Classification and "The Five Connecticuts" Town Groupings Connecticut, FY 2009



Source: Connecticut Department of Public Health, OCHA, Issue Brief December 2010, *Profile in Emergency Department Visits Not Requiring Inpatient Admission to a Connecticut Acute Care Hospital Fiscal Year 2006-2009,* Chart 8.

Percent of ED Non-admits by Payer Type for Towns in "The Five Connecticuts" Town Groupings Connecticut, FY 2009



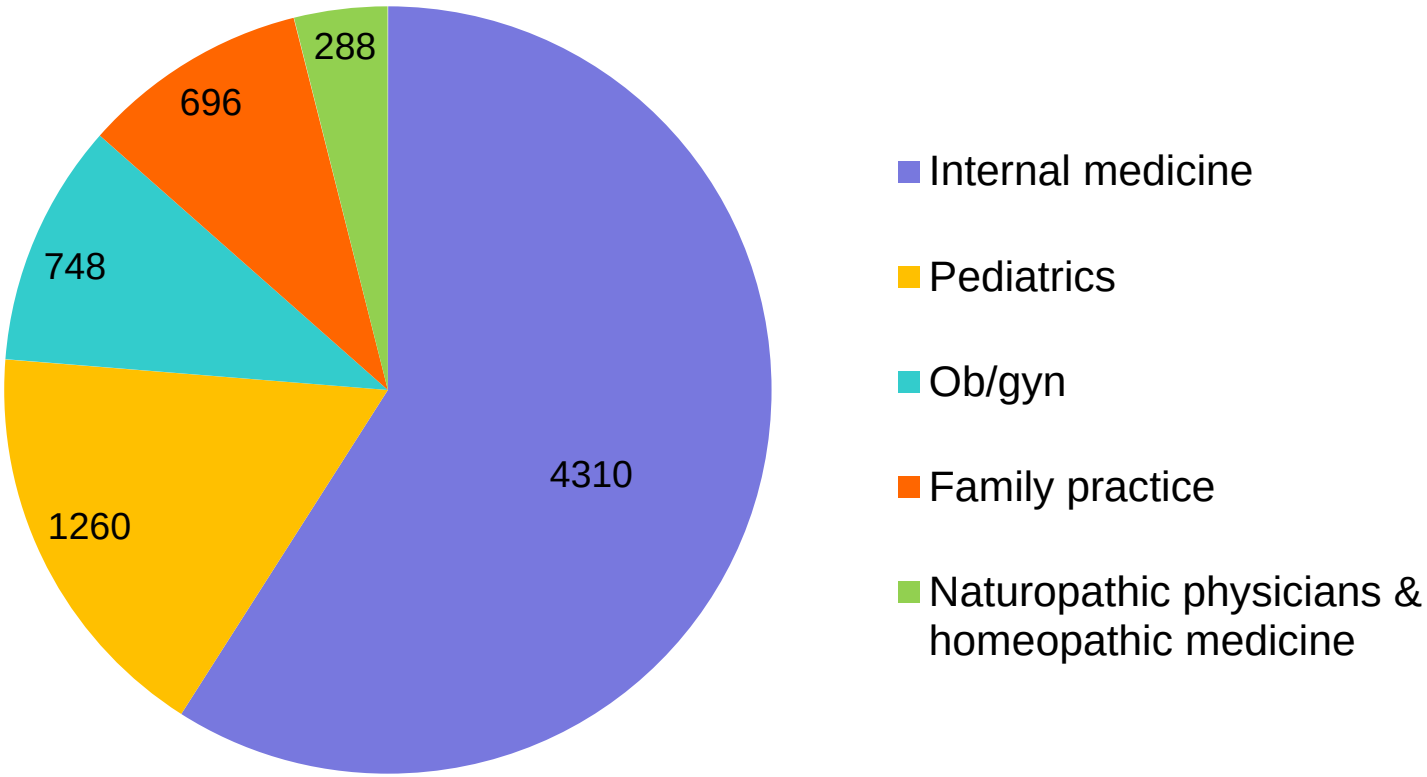
Source: Connecticut Department of Public Health, OCHA, Issue Brief December 2010, *Profile in Emergency Department Visits Not Requiring Inpatient Admission to a Connecticut Acute Care. Hospital Fiscal Year 2006-2009,* Chart 10.

Supply of Primary Care Practitioners Connecticut, 2012

Primary care practitioner type	Number with current license	Ratio per 100,000 population
Physicians (MD and DO)	7,302	204.3
Licensed nurse midwives	217	6.1
Advanced practice registered nurses	3,664	102.5
Physician assistants	1867	52.2
TOTAL	13,050	365.1

Source: CT Department of Public Health, Office of Health Care Access, Statewide Health Care Facilities and Services Plan, October 2012, Chapter 9, Table 9.1. (Rate calculated)

Number of Primary Care Physicians by Type Connecticut, 2012



Source: CT Department of Public Health, Office of Health Care Access, Statewide Health Care Facilities and Services Plan, October 2012, Chapter 9, Table 9.1.

Medically Underserved Areas or Populations (MUA/P) and Health Professional Shortage Areas (HPSA) Connecticut, April, 2012

County	Number of MUA/P Designations	Number of HPSA Designations		
		Dental	Primary Care	Mental Health
Fairfield	6	8	9	7
Hartford	7	10	9	4
Litchfield	1	2	2	2
Middlesex	1	3	1	1
New Haven	8	7	8	6
New London	3	4	3	3
Tolland	1	2	2	1
Windham	2	3	3	2
Tribal Nation	*	1	2	1
Connecticut	**29**	**40**	**39**	**27**

*Tribal nations have their own special designation.

Source: CT Department of Public Health, Office of Health Care Access, Statewide Health Care Facilities and Services Plan, October 2012, Chapter 9, Table 9.2.

Conclusions

- Racial/ethnic minority groups suffer from many conditions at disproportionately higher rates.
- Trends over time show differing patterns; however, few conditions experienced recent stark increases.
- Specific age groups such as youth/young adults and older adults are more at-risk for certain conditions.
- Chronic diseases and injuries are leading causes of premature death and morbidity.
- Yet, opportunities exist to address modifiable risk factors and preventable diseases and conditions.