

Trendwatch Chartbook 2019	Table of Contents Page 1	Table of Contents Page 2	Table of Contents Page 3	Table of Contents Page 4	Chapter 1 - Trends in the Overall Health Care Market	Chart 1.1 - Total National Health Expenditures	Chart 1.2 - Percent Change in Total NHE	Chart 1.3 - Per Capita NHE	Chart 1.4 - NHE as a Percentage of GDP	Chart 1.5 - NHE for Health Services and S..
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**American Hospital
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Advancing Health in America

Trendwatch Chartbook 2019

Trends Affecting Hospitals and Health Systems

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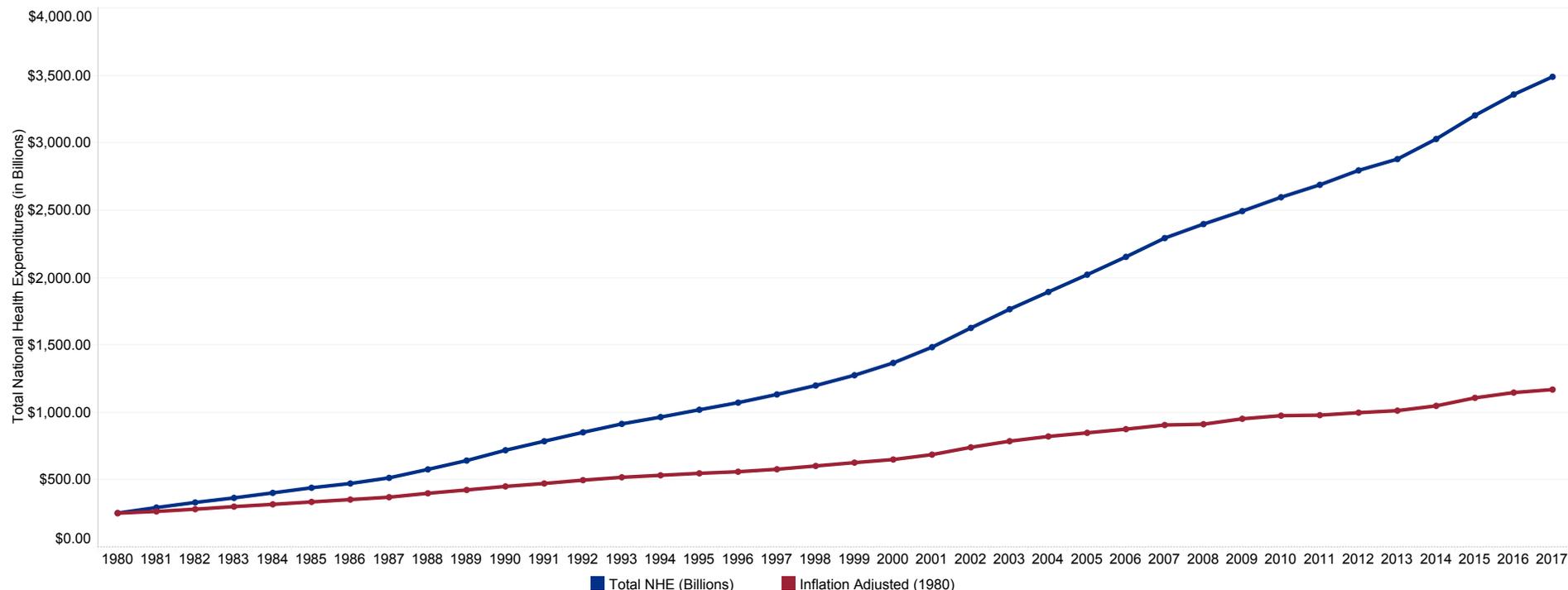
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Chapter 1

Trends in the Overall Health Care Market

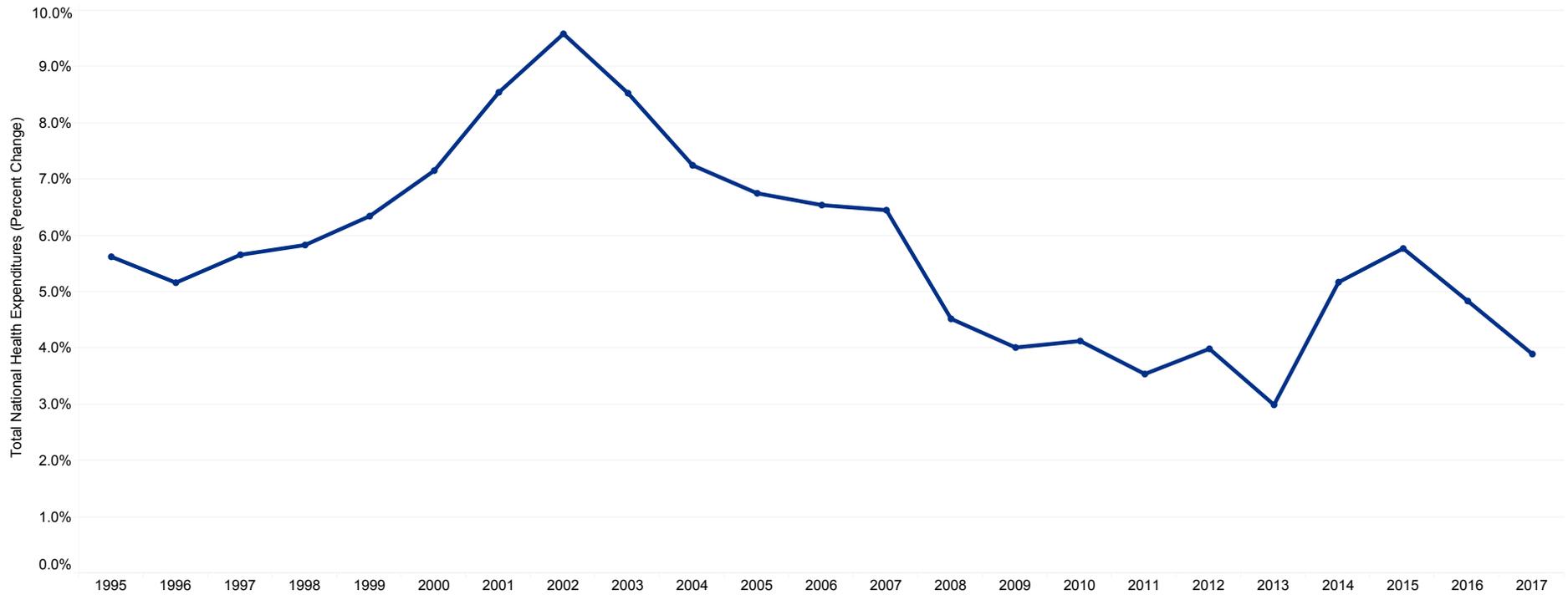
Chart 1.1: Total National Health Expenditures, 1980 - 2017



Source: Centers for Medicare & Medicaid Services. Data released December 11, 2018.

(1) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/downloads/benchmark2009.pdf>

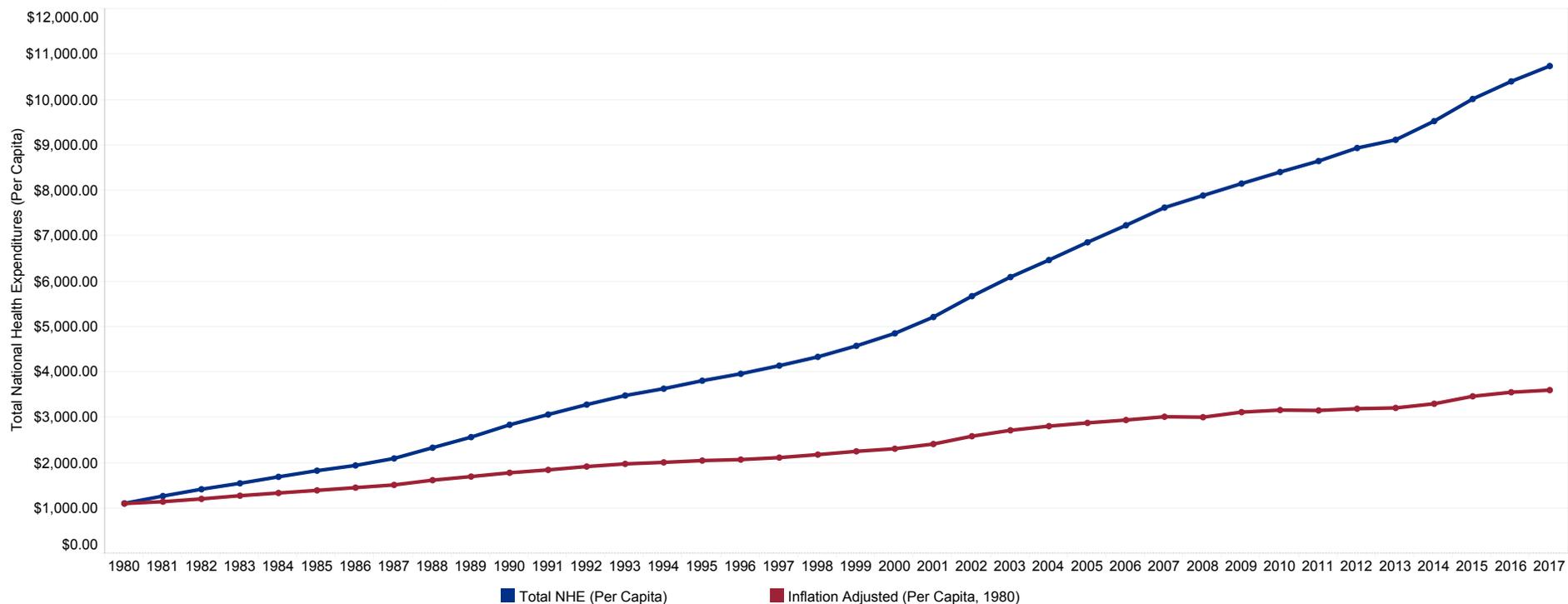
(2) Expressed in 1980 dollars; adjusted using the overall Consumer Price Index for Urban Consumers.

Chart 1.2: Percent Change in Total National Health Expenditures, 1995 - 2017

Source: Centers for Medicare & Medicaid Services, Office of the Actuary. Data released December 11, 2018.

(1) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <http://www.cms.gov/nationalhealthexpenddata/downloads/benchmark2009.pdf>.

Chart 1.3: Per Capita National Health Expenditures, 1980 - 2017⁽³⁾



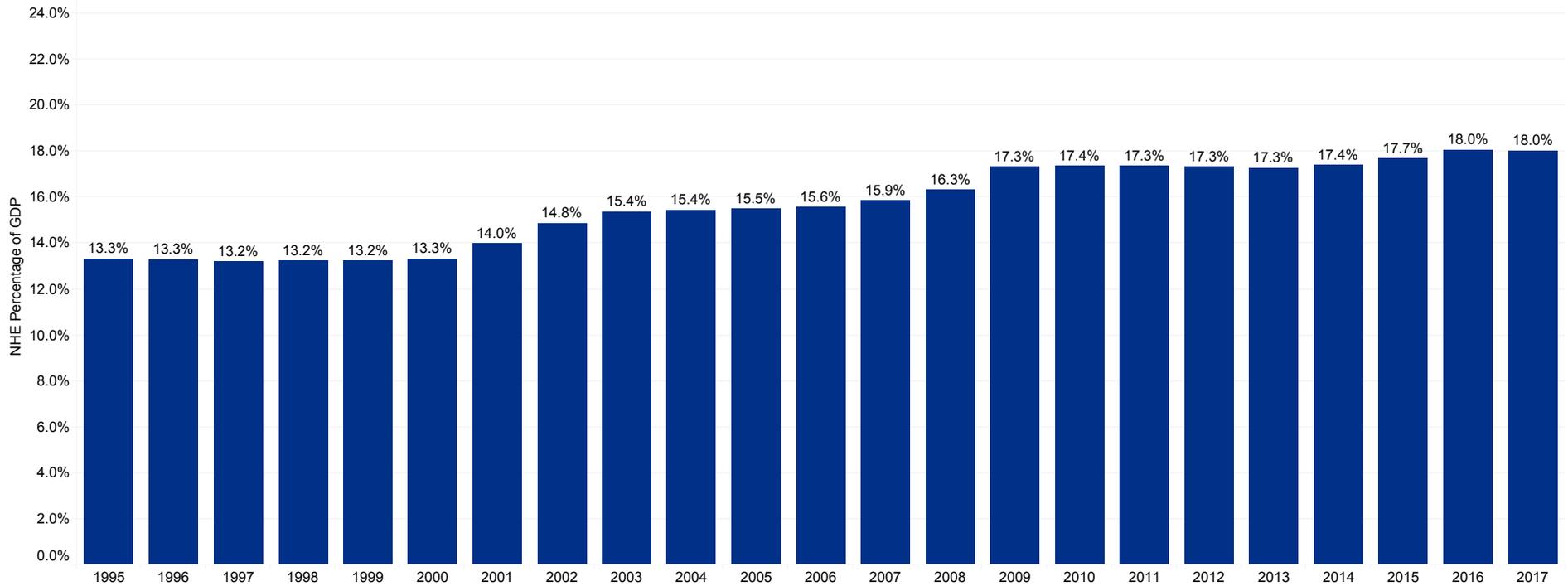
Source: Centers for Medicare & Medicaid Services, Office of the Actuary. Data released December 11, 2018.

(1) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <http://www.cms.gov/nationalhealthexpenddata/downloads/benchmark2009.pdf>.

(2) Expressed in 1980 dollars; adjusted using the overall Consumer Price Index for Urban Consumers. ...

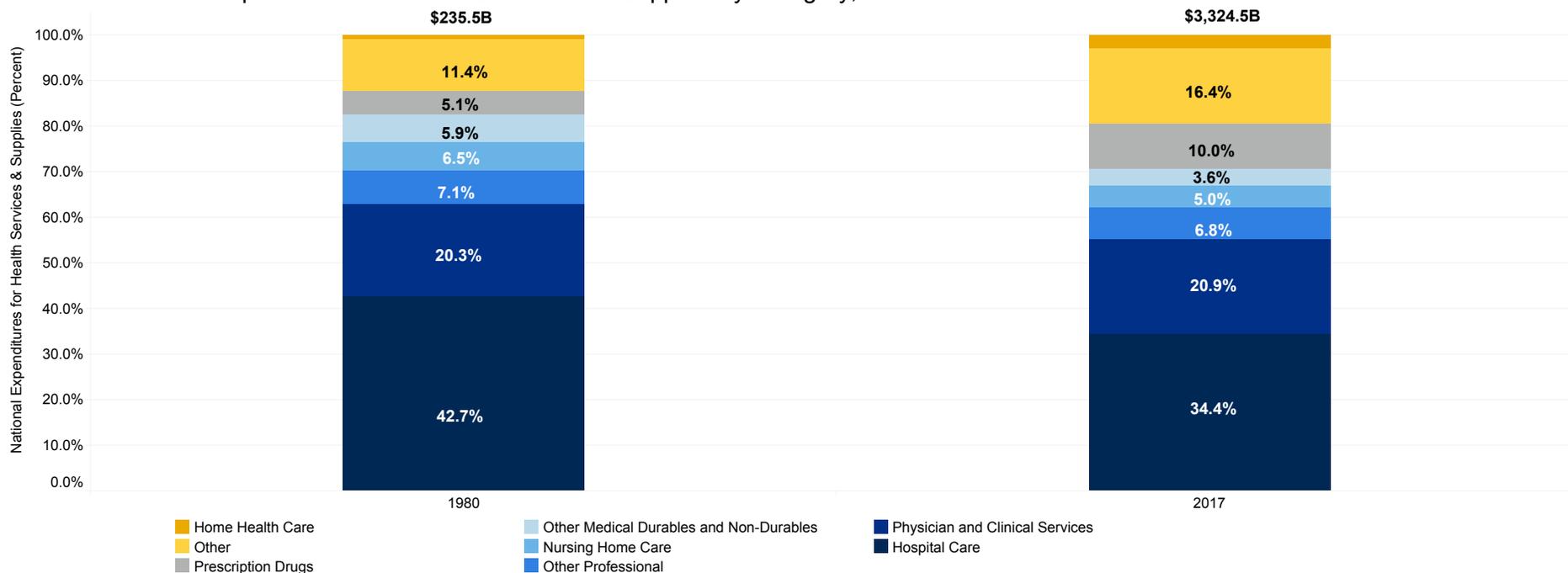
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Chart 1.4: National Health Expenditures as a Percentage of Gross Domestic Product, 1995 - 2017⁽²⁾



Source:
 NHE Data: Centers for Medicare & Medicaid Services, Office of the Actuary. Data released December 11, 2018.
 GDP: World Bank national accounts data, and OECD National Accounts data files.
 (1) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <http://www.cms.gov/nationalhealthexpenddata/downloads/benchmark2009.pdf...>

Chart 1.5: National Expenditures for Health Services and Supplies by Category, 1980 and 2017



Source: Centers for Medicare & Medicaid Services, Office of the Actuary. Data released December 11, 2018.

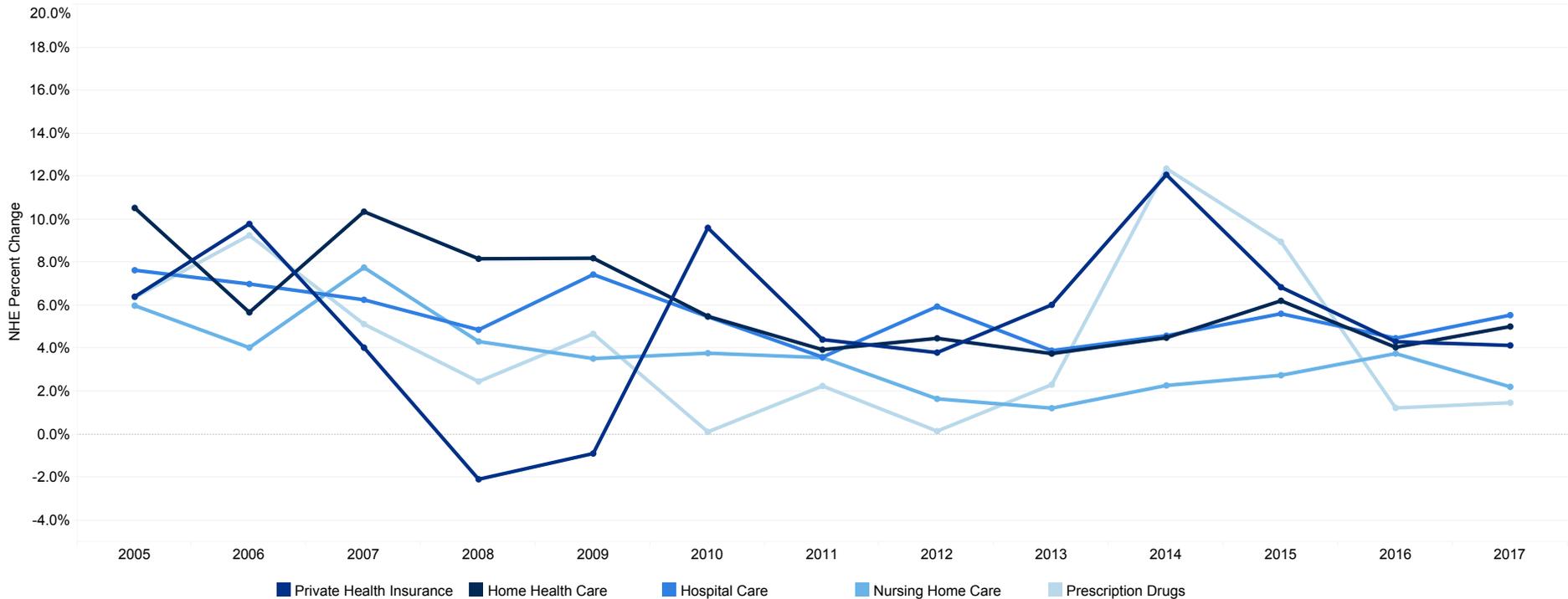
(1) Excludes medical research and medical facilities construction.

(2) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <http://www.cms.gov/nationalhealthexpenddata/downloads/benchmark2009.pdf>.

(3) "Other" includes net cost of insurance and administration, government public health activities, and other personal health care.

(4) "Other professional" includes dental and other non-physician professional services.

Chart 1.6: Percent Change in National Health Expenditures for Selected Health Services and Supplies, 2005 - 2017



Source: Centers for Medicare & Medicaid Services, Office of the Actuary. Data released December 11, 2018.

(1) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <http://www.cms.gov/nationalhealthexpenddata/downloads/benchmark2009.pdf>.

(2) Private Health Insurance includes administration and net cost

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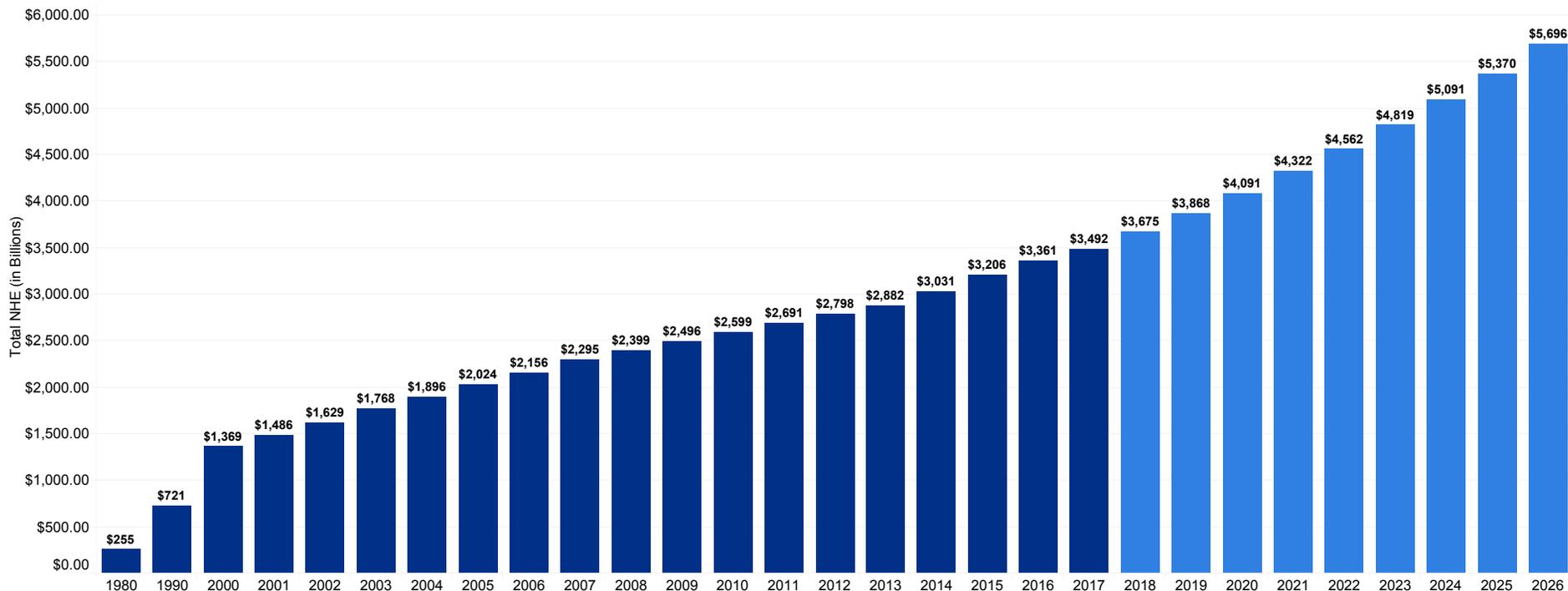
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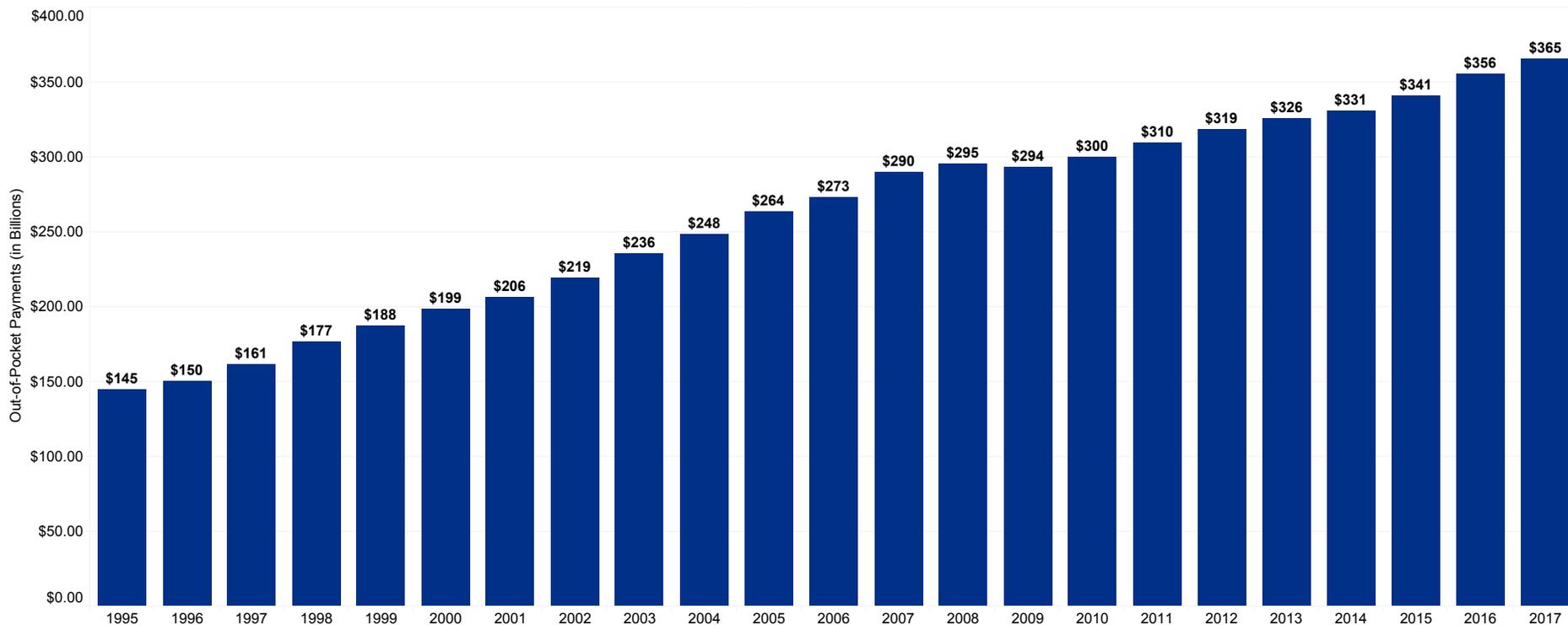


Source: Centers for Medicare & Medicaid Services, Office of the Actuary. Data released December 11, 2018.

(1) Years 2018 – 2026 are projections.

(2) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <http://www.cms.gov/nationalhealthexpenddata/downloads/benchmark2009.pdf>.

Chart 1.8: Consumer Out-of-Pocket Payments for National Health Expenditures, 1995 - 2017



Source: Centers for Medicare & Medicaid Services, Office of the Actuary. Data released December 11, 2018.

(1) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <http://www.cms.gov/nationalhealthexpenddata/downloads/benchmark2009.pdf>.

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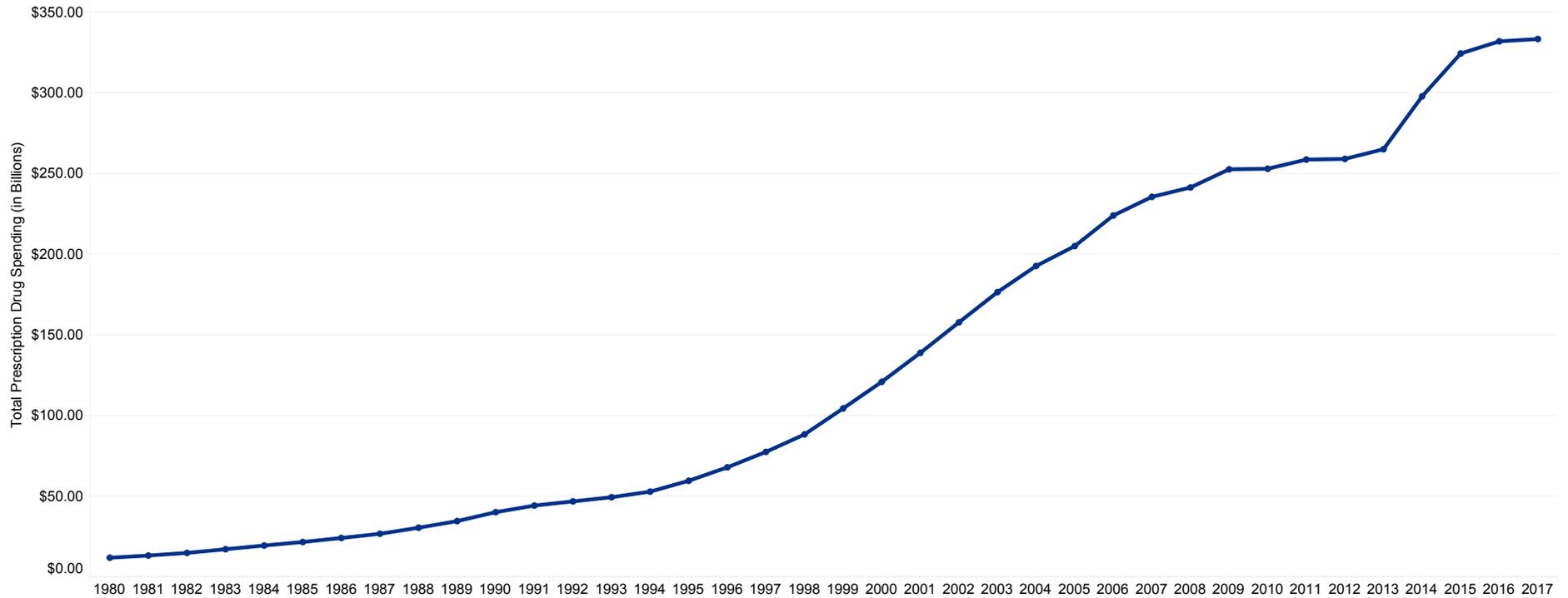
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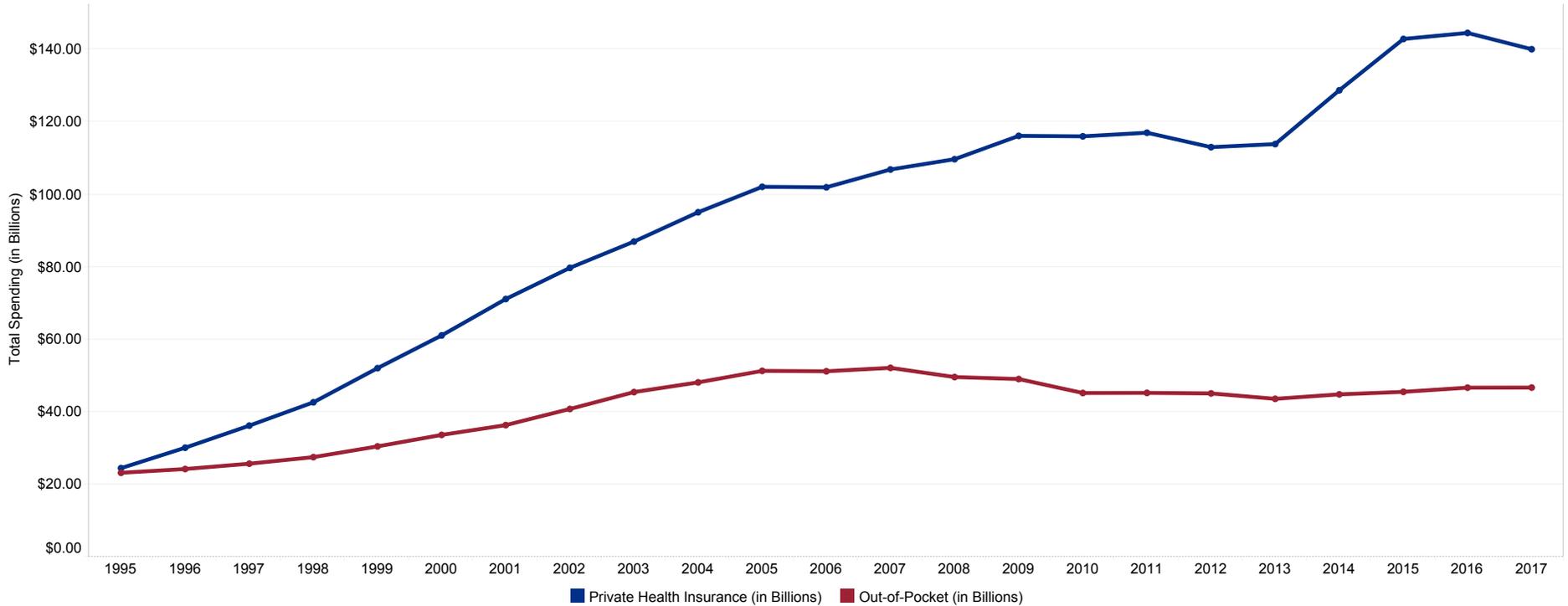
Chart 1.9: Total Prescription Drug Spending, 1980 - 2017



Source: Centers for Medicare & Medicaid Services, Office of the Actuary. Data released December 11, 2018.

(1) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <http://www.cms.gov/nationalhealthexpenddata/downloads/benchmark2009.pdf>.

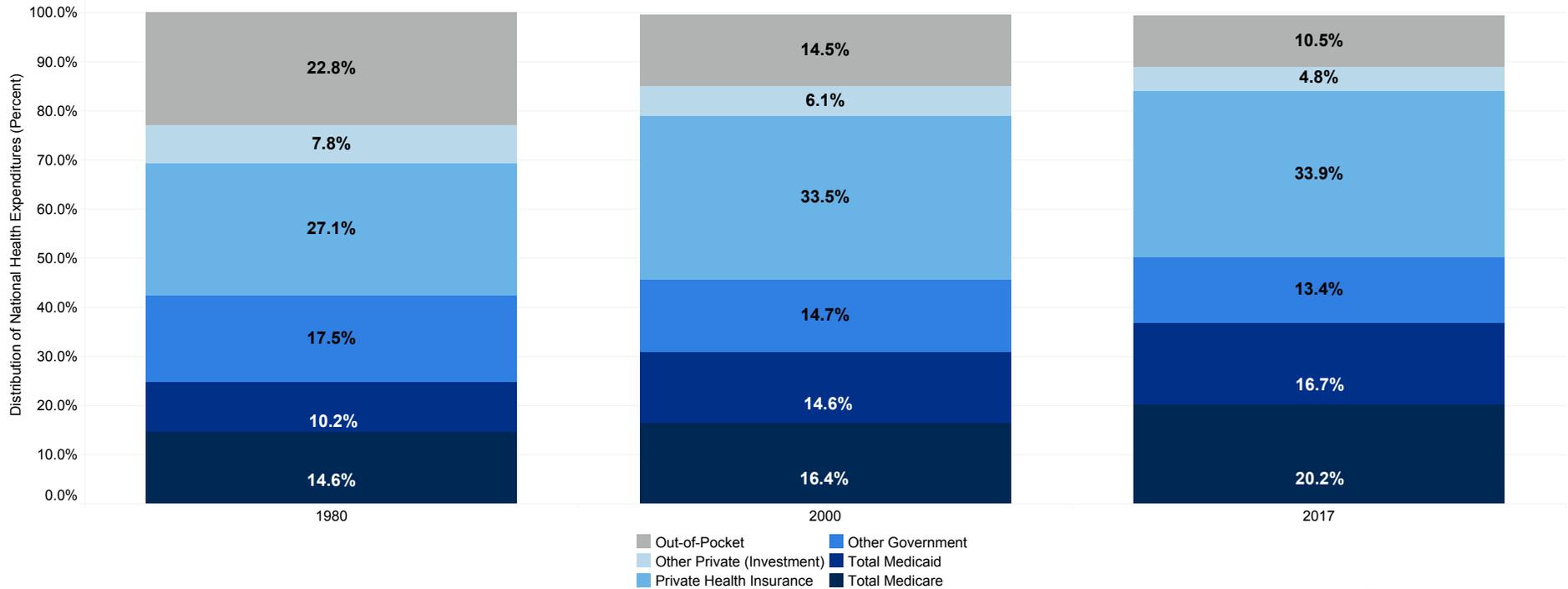
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Source: Centers for Medicare & Medicaid Services. Data released December 11, 2018.

(1) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/downloads/benchmark2009.pdf>

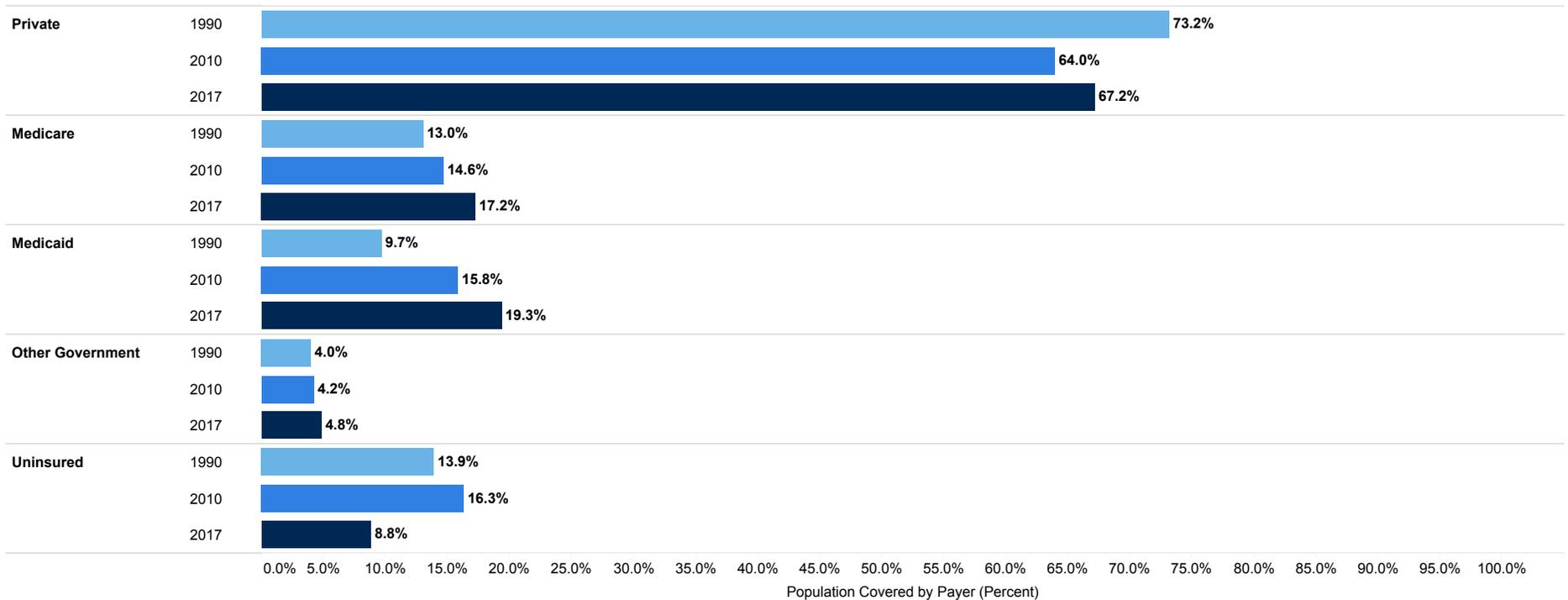
Chart 1.11: Distribution of National Health Expenditures by Source of Payment, 1980, 2000, and 2017



Source: Centers for Medicare & Medicaid Services. Data released December 11, 2018.

(1) CMS completed a benchmark revision in 2009, introducing changes in methods, definitions and source data that are applied to the entire time series (back to 1960). For more information on this revision, see <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/downloads/benchmark2009.pdf>

Chart 1.12: Distribution of Health Insurance Coverage, Percentage of Population Covered by Payer, 1990, 2010, and 2017

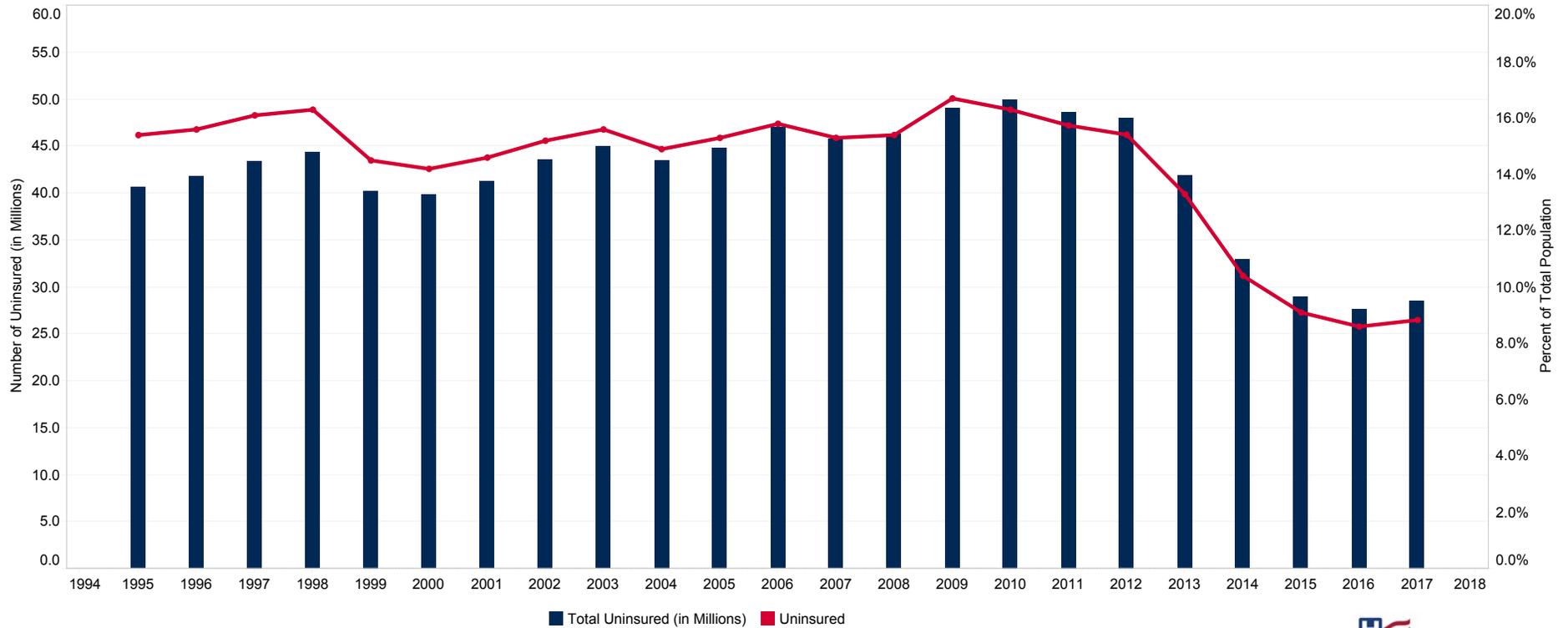


Source: US Census Bureau, Current Population Survey, 2017 Annual and Social Economic Supplement. Data released September 2018.
Table 1. Coverage Numbers and Rates by Type of Health Insurance: 2013, 2016, and 2017

<https://www.census.gov/content/dam/Census/library/publications/2018/demo/p60-264.pdf>

(1) Percentages across categories do not sum to 100 percent, as individuals may maintain coverage from multiple payers (e.g. Medicare and Medicaid, Medicare and private, etc.)

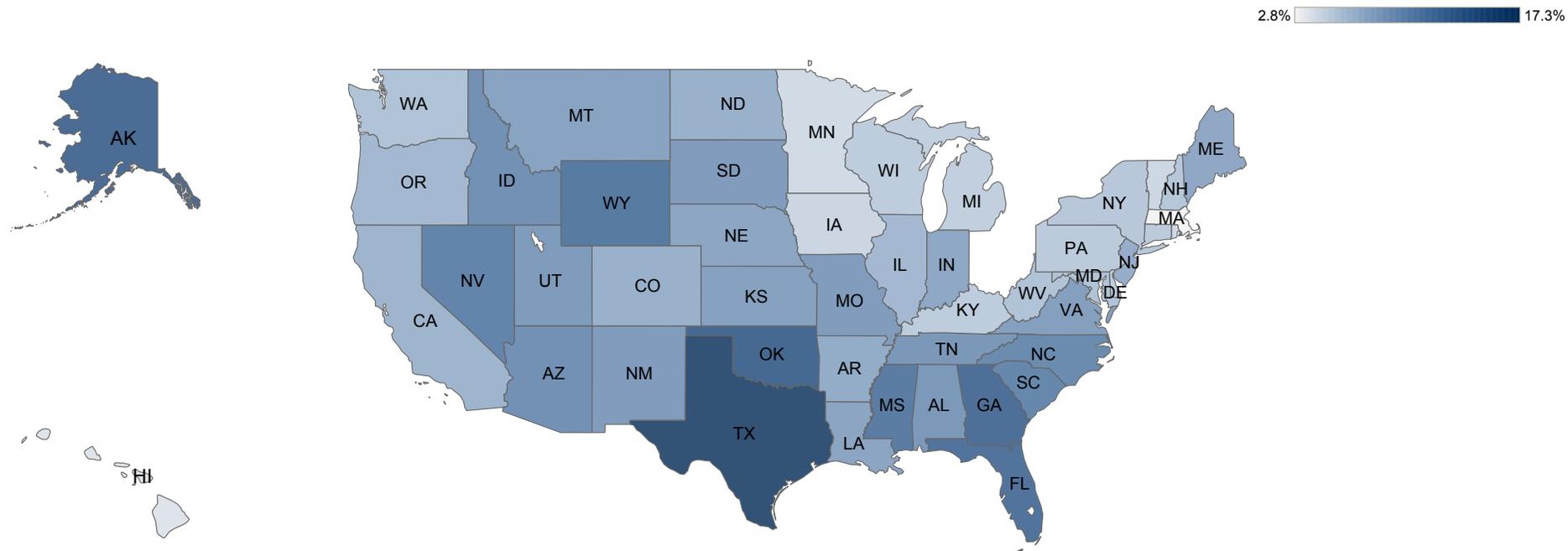
Chart 1.13: Number and Percent Uninsured, 1995 - 2017



Source: US Census Bureau, Health Insurance Coverage in the United States: 2017. Data released September 2018. Table HIC-4. Health Insurance Coverage Status and Type of Coverage by State--All Persons: 2008 to 2017. https://www2.census.gov/programs-surveys/demo/tables/health-insurance/time-series/acs/hic04_acs.xls

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Chart 1.14: Percent Uninsured by State, 2017



Source: US Census Bureau, Health Insurance Coverage in the United States: 2017. Data released September 2018. Table HIC-4. Health Insurance Coverage Status and Type of Coverage by State--All Persons: 2008 to 2017. https://www2.census.gov/programs-surveys/demo/tables/health-insurance/time-series/acs/hic04_acs.xls

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Chart 1.13 - Number and Percent Uninsured

Chart 1.14 Percent Uninsured by State

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Chart 1.16 -Medicaid Enrollees

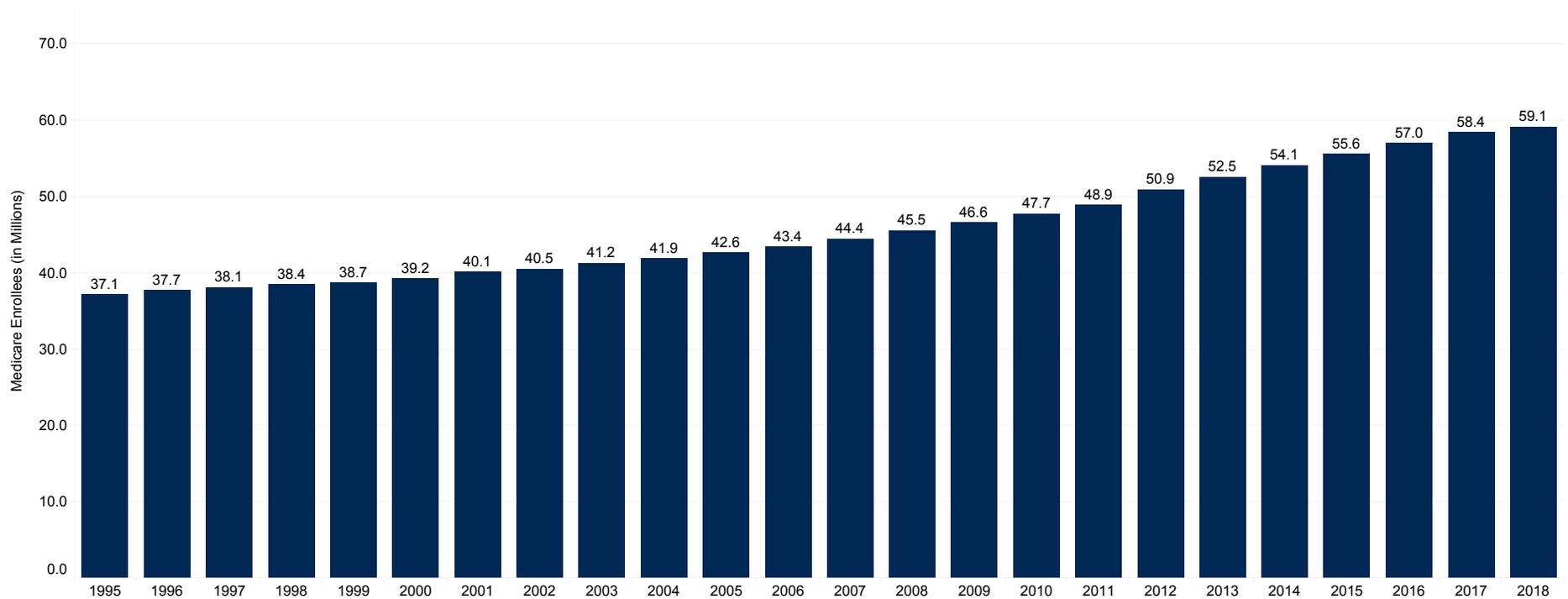
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Chart 1.20 - Distribution of Employer-Sponso..

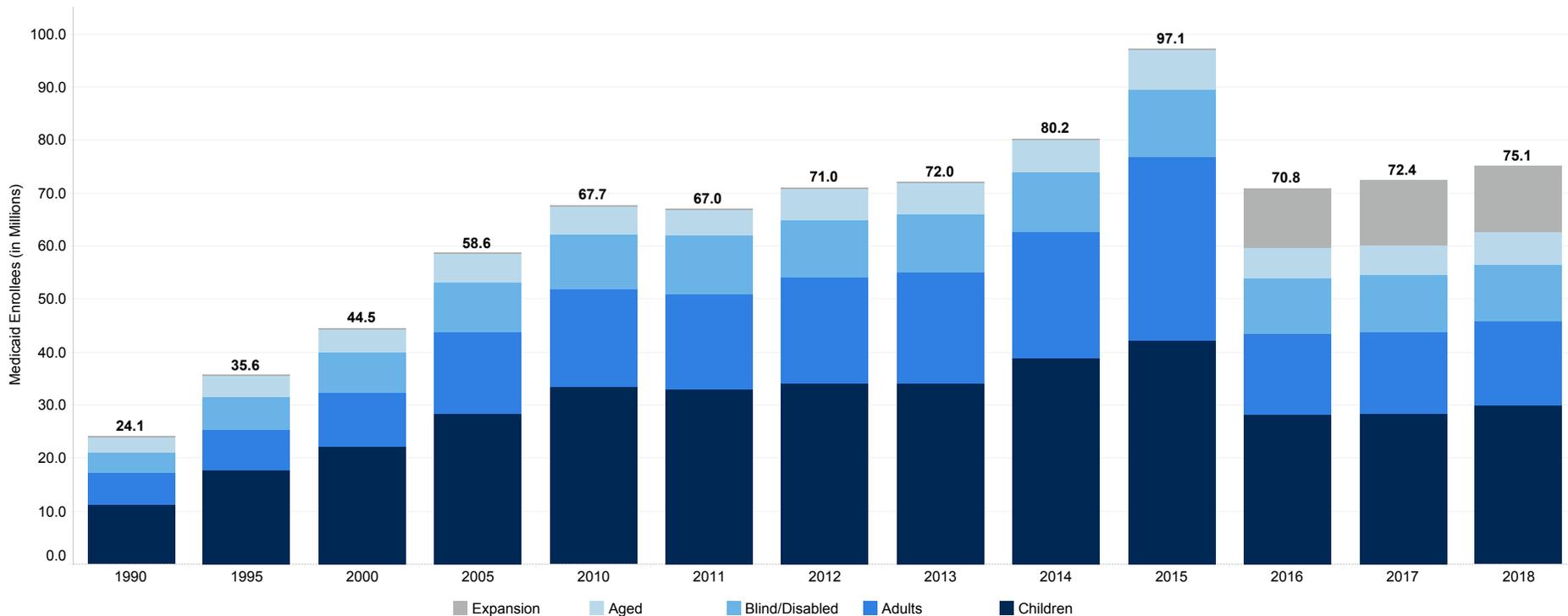
Chart 1.15: Medicare Enrollees, 1995 - 2018



Source: Centers for Medicare & Medicaid Services. Medicare Enrollment: National Trends, 1966 – 2005; Centers for Medicare & Medicaid Services, Office of the Actuary. Medicare Aged and Disabled Enrollees by Type of Coverage. Email correspondence with CMS staff (for years 2001 – 2015); Centers for Medicare & Medicaid Services Program Data Populations, CMS Fast Facts (for years 2016 - 2018)

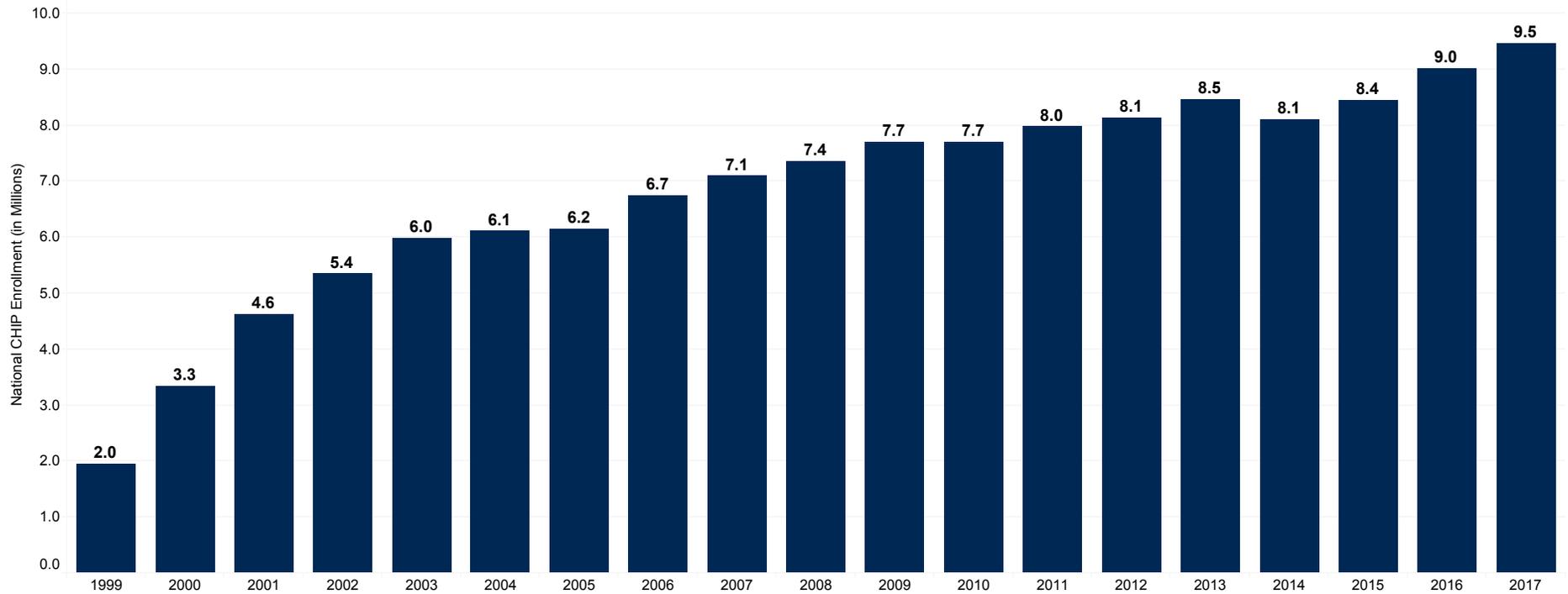
(1) Hospital insurance (Part A) enrollees and/or Supplementary Medical Insurance (Part B) enrollees, including enrollees with Medicare Advantage; includes all persons (aged and disabled).
(2) 2018 contains preliminary data and subject to change

Chart 1.16: Medicaid Enrollees, 1990, 1995, 2000, 2005, 2010 - 2018



Source: Centers for Medicare & Medicaid Services Program Data Populations, CMS Fast Facts (for years 2016 - 2018) <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/CMS-Fast-Facts/index.html>
 (1) Expansion Adult added as a category after 2015. CMS Correspondence prior to 2016

Chart 1.17: National CHIP Enrollment, FY1999 - FY2017



Source: Centers for Medicare & Medicaid Services. Data released May 2018. Number of Children Ever Enrolled Report. <https://www.medicaid.gov/chip/downloads/fy-2017-childrens-enrollment-report.pdf>

(1) Number of children enrolled at any point in the year.

(2) 2009 figure reflects revised data released by Centers for Medicare & Medicaid Services on February 1, 2011.

Chart 1.18: Percent Change in CHIP Enrollment by State, FY2016 - FY2017

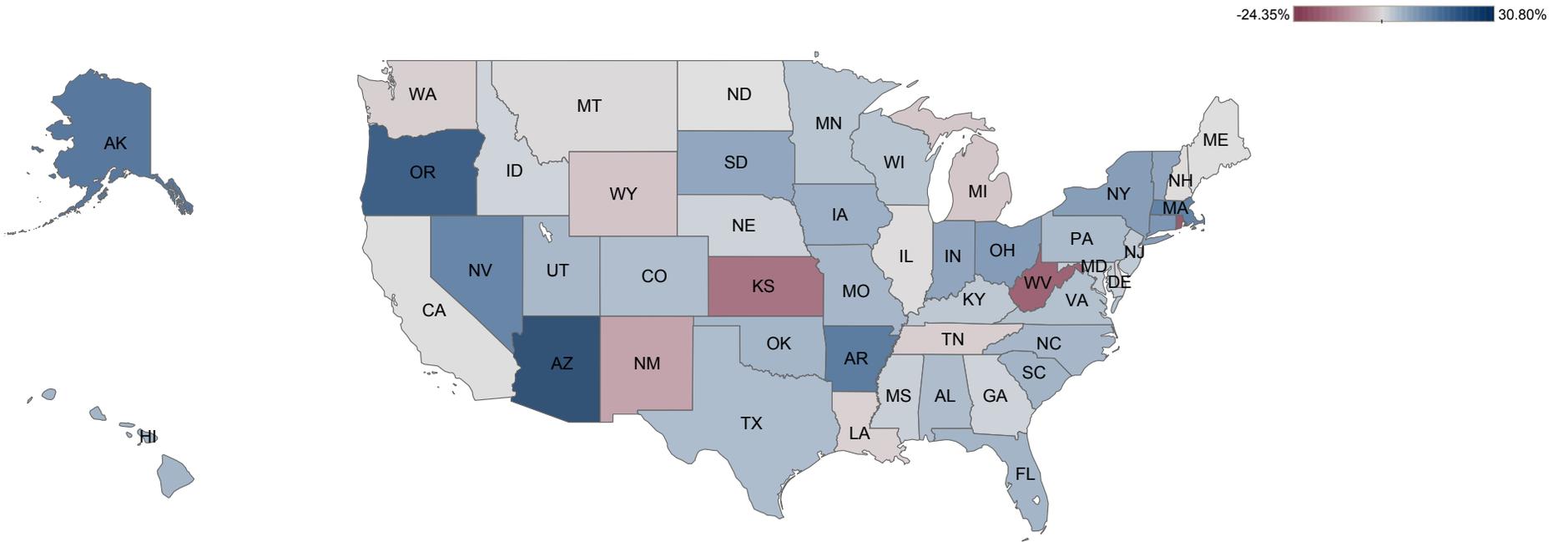
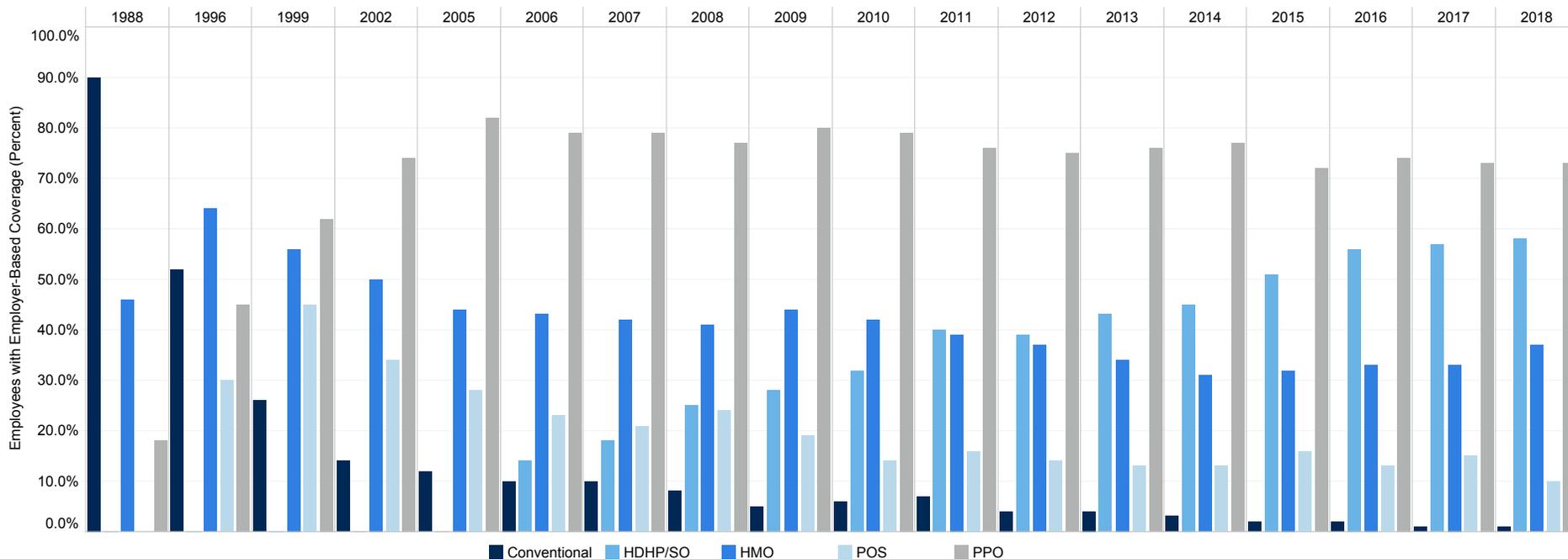
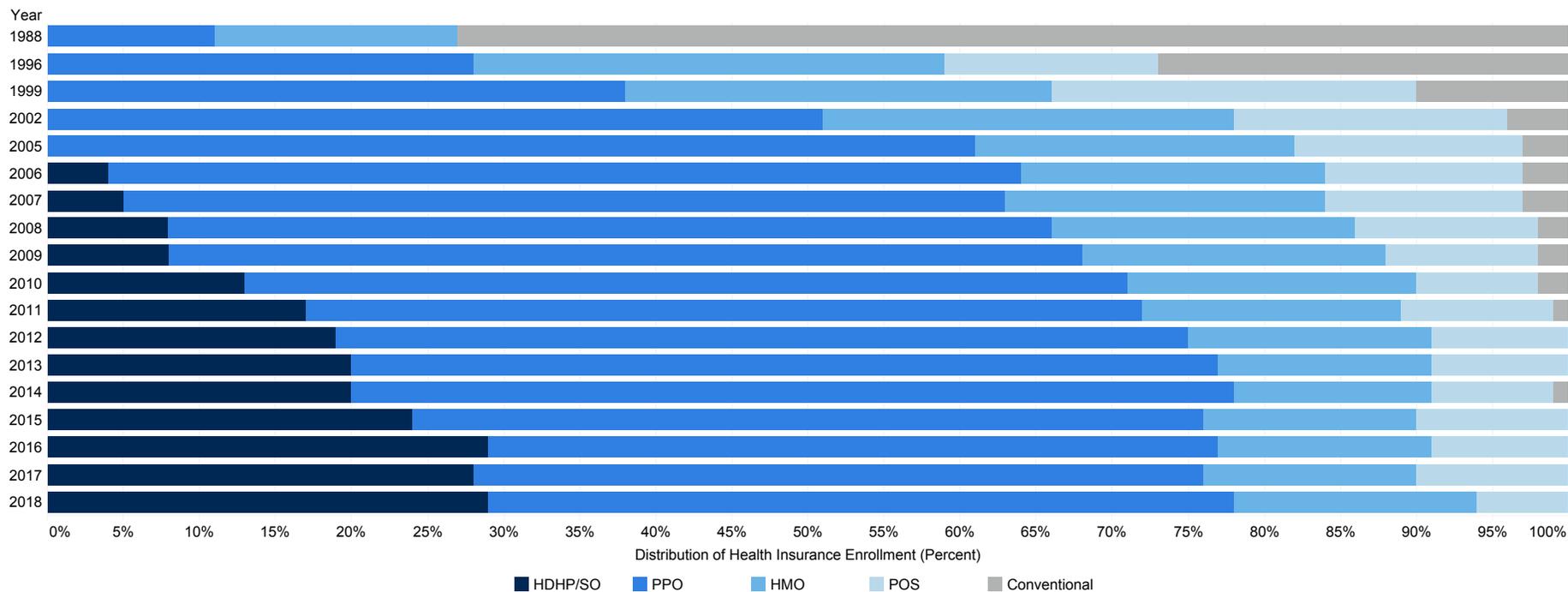


Chart 1.19: Percentage of Employees with Employer-Based Coverage Who Can Choose Conventional, PPO, HMO, POS and HDHP/SO Plans, 1988 - 2018



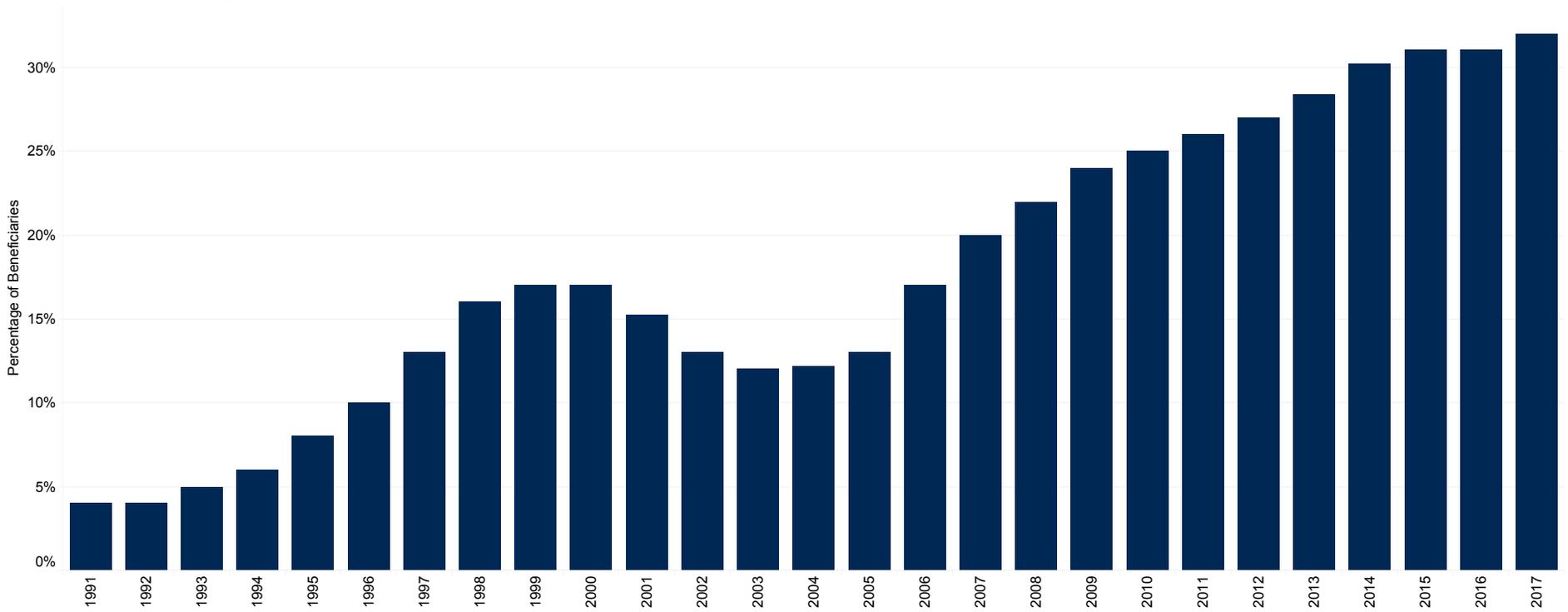
Source: The Kaiser Family Foundation and Health Research and Educational Trust. Data Released 2017. Employer Health Benefits: 1999, 2002, 2006 – 2018. <https://www.kff.org/health-costs/report/2018-employer-health-benefits-survey/>
 PPO: Preferred Provider Organization; HMO: Health Maintenance Organization. HDHP/SO: High-Deductible Health Plan with Savings Option
 (1) Conventional plans refer to traditional indemnity plans.
 (2) Point-of-service (POS) plans not separately identified in 1988.
 (3) In 2006, the survey began asking about HDHP/SO, high deductible health plans with a savings option.

Chart 1.20: Distribution of Employer-Sponsored Health Insurance Enrollment by Type of Plan, 1988 - 2018



Source: The Kaiser Family Foundation and Health Research and Educational Trust. Data Released 2018. Employer Health Benefits: 1999, 2002, 2006 – 2018. <https://www.kff.org/health-costs/report/2018-employer-health-benefits-survey/>
 PPO: Preferred Provider Organization; HMO: Health Maintenance Organization.; HDHP/SO: High-Deductible Health Plan with Savings Option
 (1) Conventional plans refer to traditional indemnity plans.
 (2) Point-of-service (POS) plans not separately identified in 1988.
 (3) In 2006, the survey began asking about HDHP/SO, high deductible health plans with a savings option.

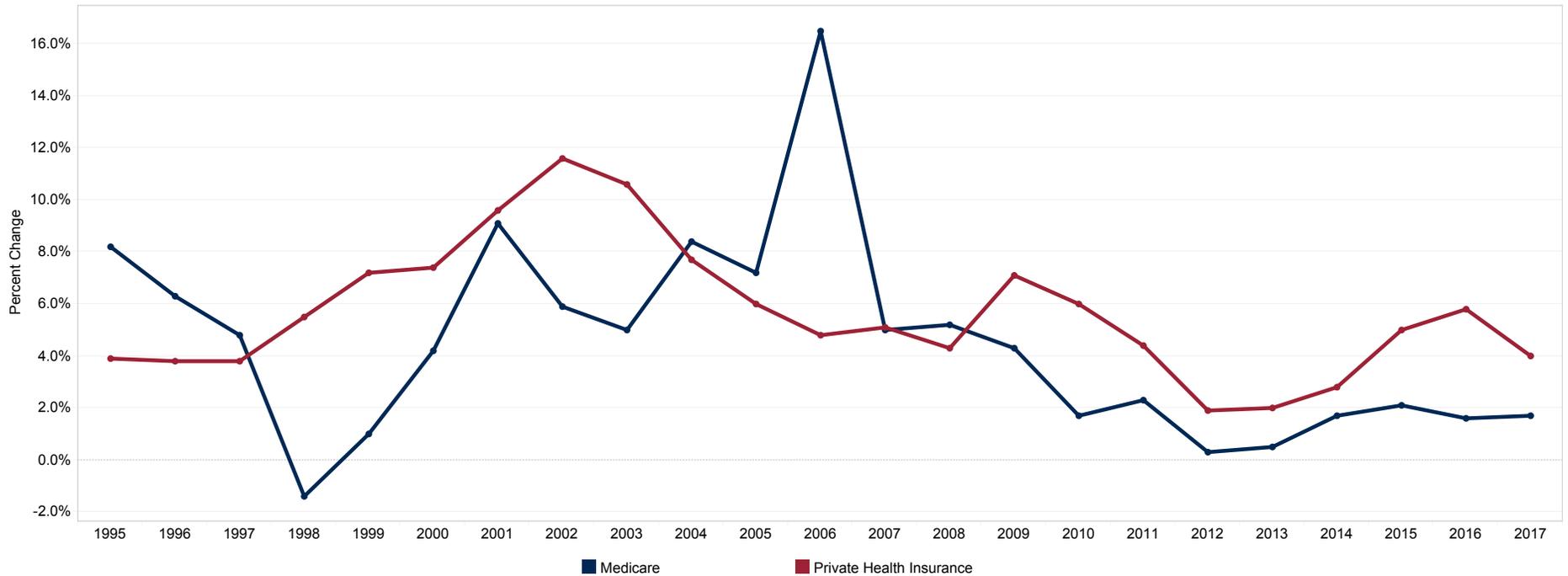
Chart 1.21: Percentage of Medicare Beneficiaries Enrolled in Medicare Managed Care, 1995 - 2017



Source: Centers for Medicare & Medicaid Services, Updated Dec 2018.

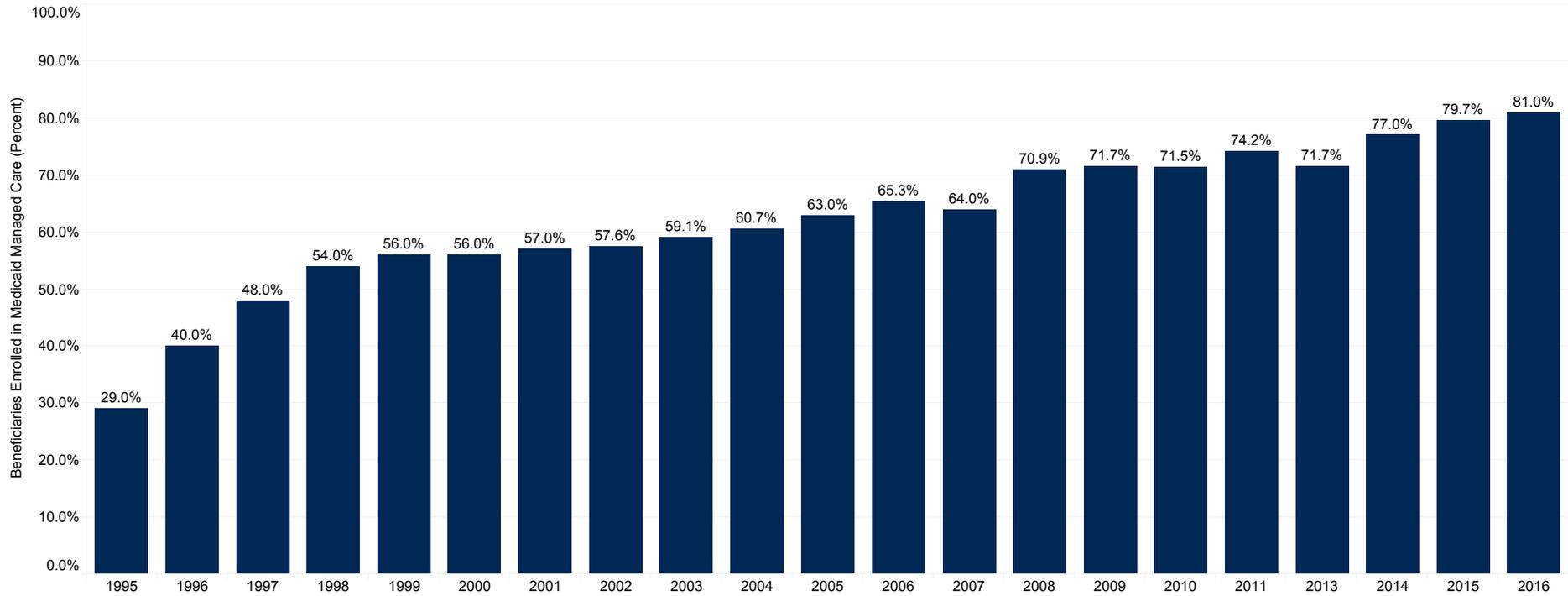
<https://www.cms.gov/Medicare-Medicaid-Coordination/Medicare-and-Medicaid-Coordination/Medicare-Medicaid-Coordination-Office/DataStatisticalResources/Downloads/ManagedCareEnrollmentTrendsDataBrief2006-2017.pdf>

Chart 1.22: Percent Growth in Medicare Spending per Beneficiary vs. Private Health Insurance Spending per Enrollee, 1995 – 2017



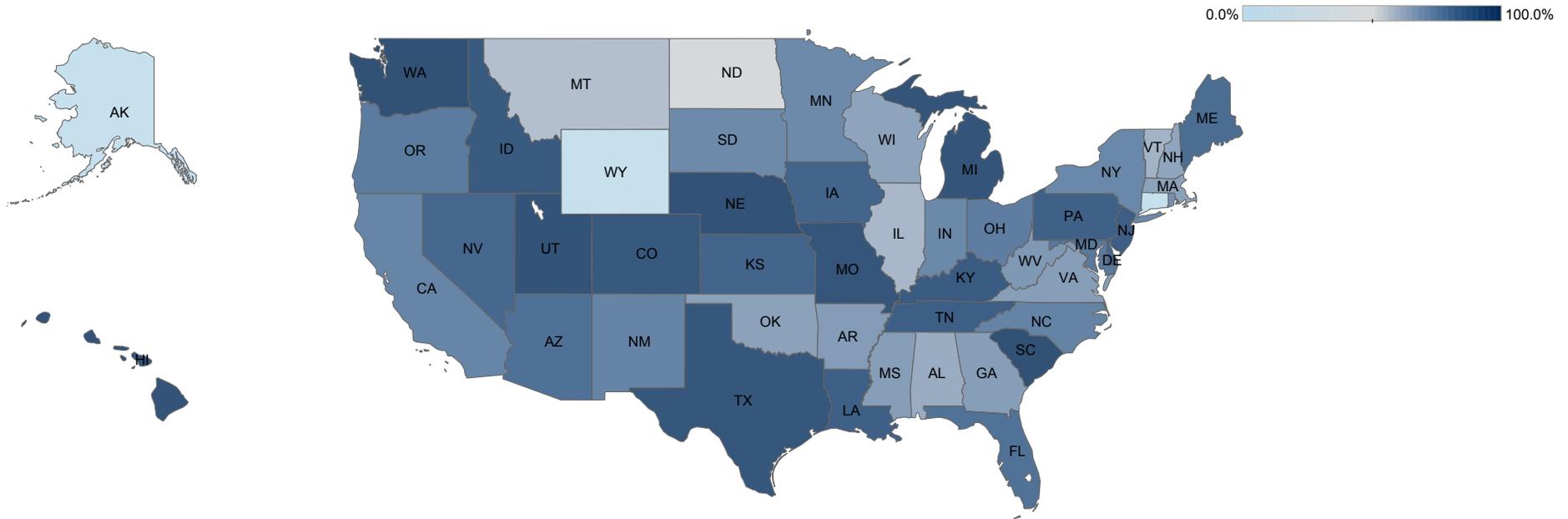
Source: Centers for Medicare & Medicaid Services, Office of the Actuary. Data released December 11, 2018. NHE Table 21
 (1) (1) to say "CMS completed benchmark revisions in 2009 and 2014. For more information, see <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NationalHealthAccountsHistorical.html>"
 (2) Data reflects spending on benefits commonly covered by Medicare and Private Health Insurance.

Chart 1.23: Percentage of Medicaid Beneficiaries Enrolled in Medicaid Managed Care, 1995 - 2011, 2013 - 2016



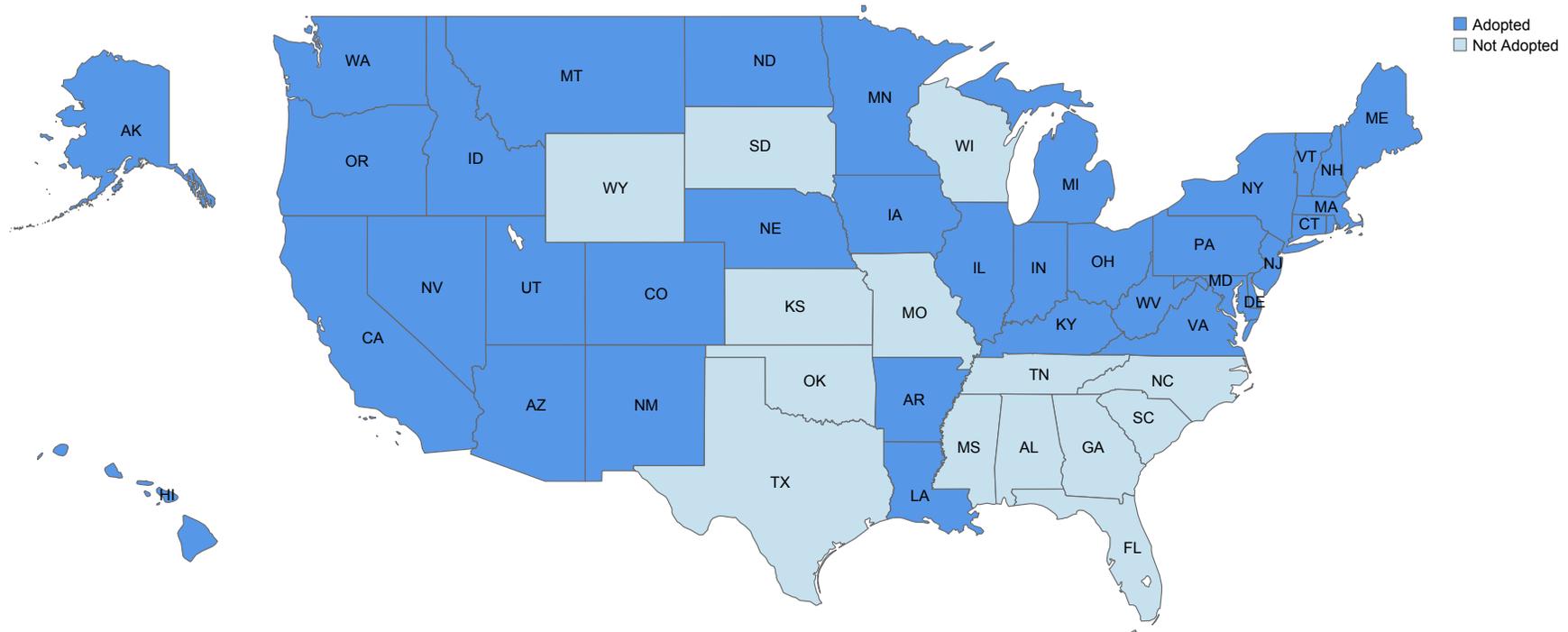
Source: Centers for Medicare & Medicaid Services, Office of the Actuary. Medicaid Managed Care Enrollment and Program Characteristics, 2016, released Spring 2018. <https://www.medicaid.gov/medicaid/managed-care/downloads/enrollment/2015-medicaid-managed-care-enrollment-report.pdf>
(1) CMS has not released data for 2012 total Medicaid managed care enrollment.

Chart 1.24: Percentage of Medicaid Beneficiaries Enrolled in Medicaid Managed Care by State, 2016



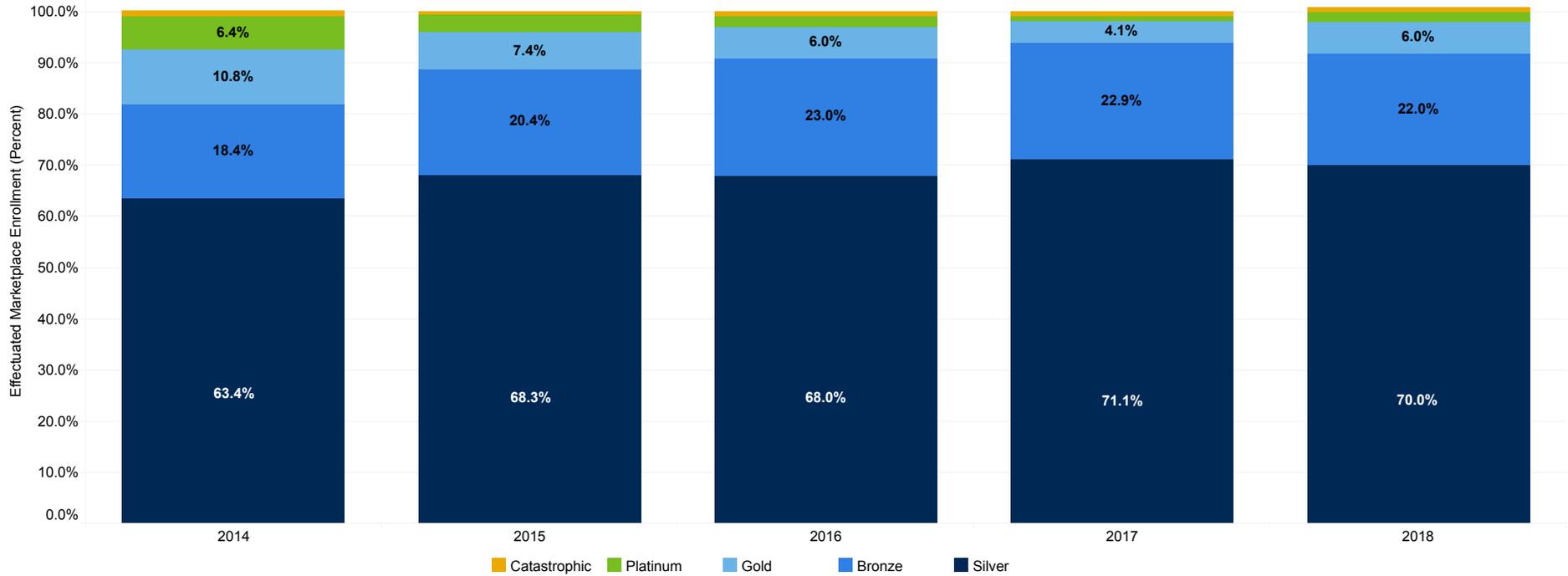
Source: US Census Bureau, Health Insurance Coverage in the United States: 2016. Data released September 2017. Figure HIC-4. HIC-4. Health Insurance Coverage Status and Type of Coverage by State--All Persons: 2008 to 2016. https://www2.census.gov/programs-surveys/demo/tables/health-insurance/time-series/acs/hic04_acs.xls
 (1) Chart represents a weighted average uninsured rate for the years indicated.

Chart 1.25: Status of State Medicaid Expansion Decisions, 2018



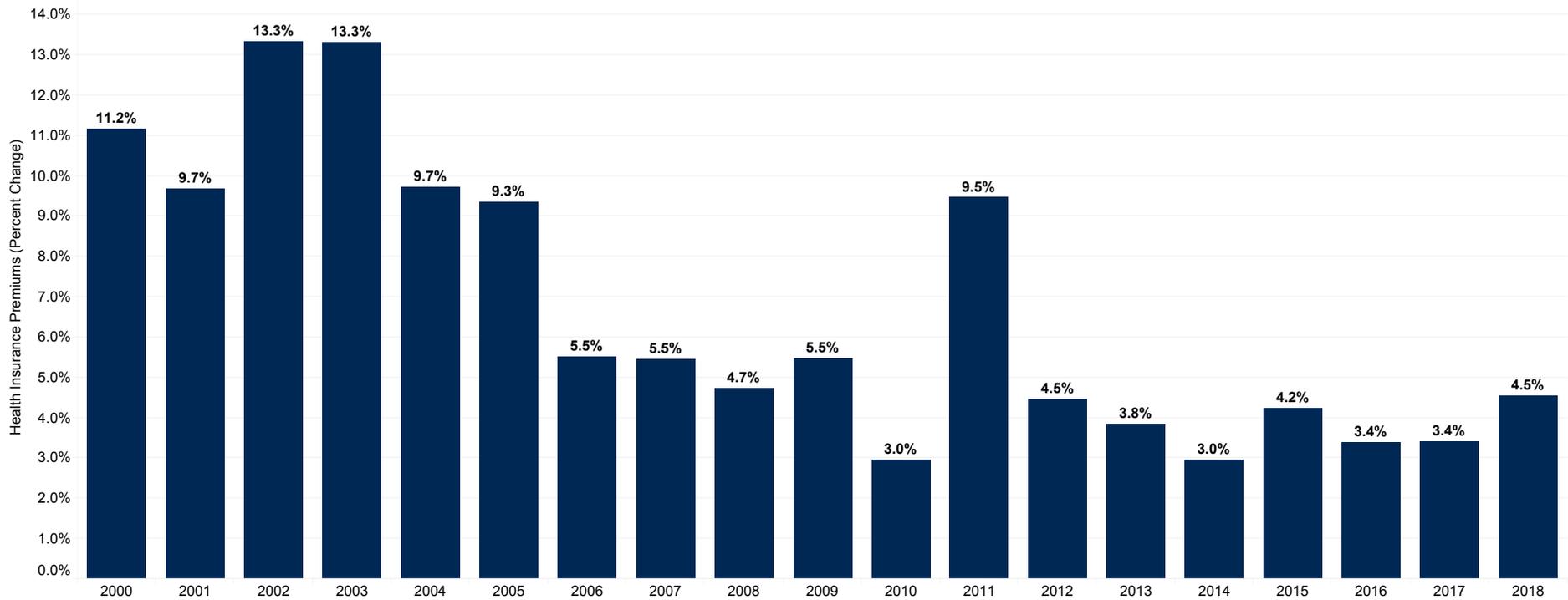
Source: Kaiser Family Foundation. Data as of January 2018. Current Status of State Medicaid Expansion Decisions. Kaiser Family Foundation
 Chart added in Chartbook 2016.
 Note: AR, IA, IN, MI, MT, and NH are pursuing alternative expansion models.

Chart 1.26: Total Effectuated Marketplace Enrollment by Metal Level, 2014 - 2018



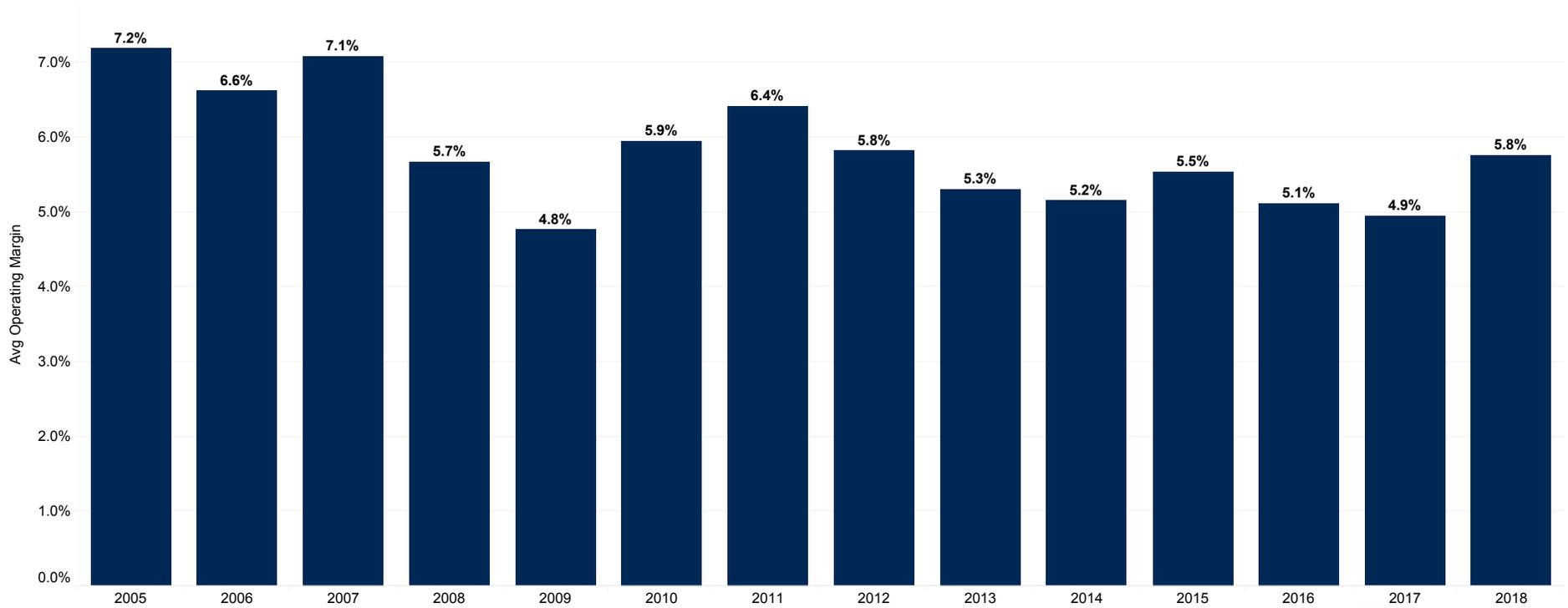
Sources: Centers for Medicare & Medicaid Services. Data released April 2018. Health Insurance Marketplaces Open Enrollment Period Final Enrollment Report. <https://www.cms.gov/Newsroom/MediaReleaseDatabase/Fact-sheets/2018-Fact-sheets-items/2018-04-03.html> and ASPE Issue Brief. Health Insurance Marketplace 2016 Open Enrollment Period: Final Enrollment Report. Data Released March 2016. <https://aspe.hhs.gov/system/files/pdf/187866/Finalenrollment2016.pdf> and Health Insurance Marketplaces 2017 Open Enrollment Final Enrollment Report. November 1, 2016 – January 31, 2017. <https://www.cms.gov/Newsroom/MediaReleaseDatabase/Fact-sheets/2017-Fact-Sheet-items/2017-03-15.html>
 Chart added in Chartbook 2016.

Chart 1.27: Annual Change in Health Insurance Premiums, 2000 - 2018



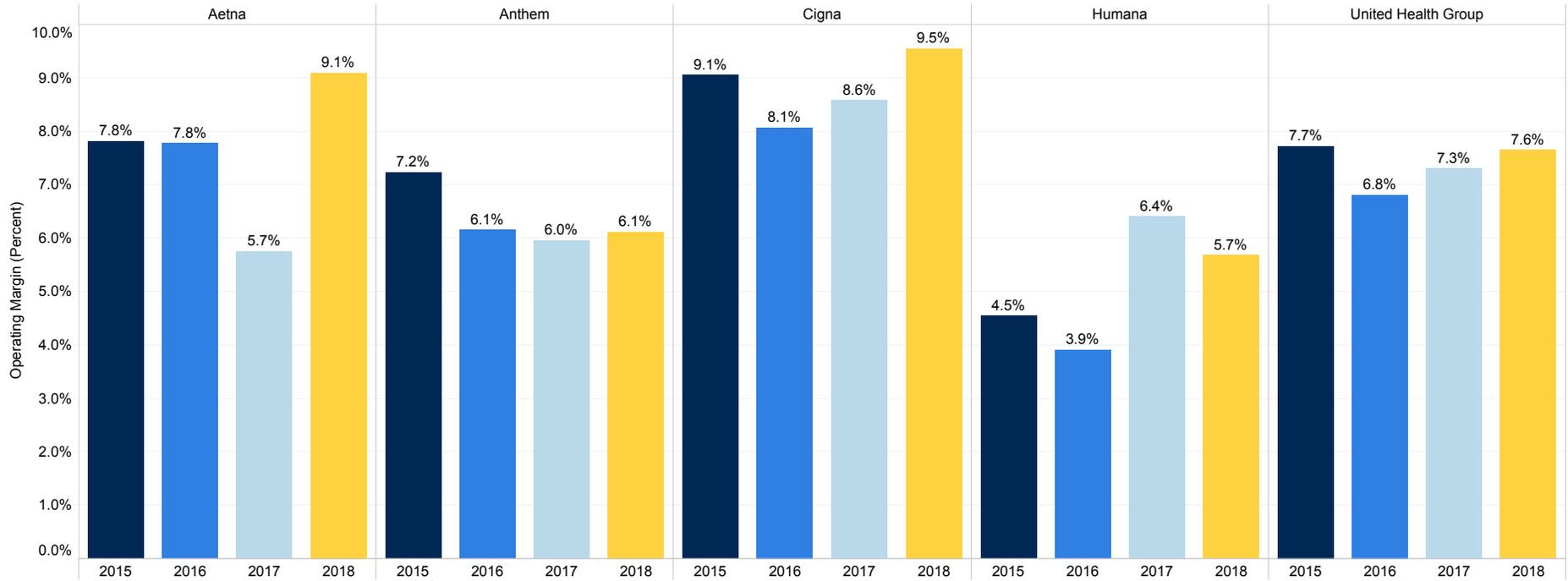
Source: The Kaiser Family Foundation and Health Research and Educational Trust. Data released September 2018.
<https://www.kff.org/health-costs/report/2018-employer-health-benefits-survey/>
Chart 1.27 in 2015 and earlier years' Chartbooks. ...

Chart 1.28: Managed Care Plan Average Operating Margins, 1998 - 2018



Source: Company documents of 8 publicly traded managed care plans used; <https://www.macrotrends.net/stocks/charts/AET//operating-margin>
(1) Represents earnings before interest and taxes over net revenues for the total service lines of the 8 largest publicly traded managed care plans.

Chart 1.29: Operating Margins of the Top Insurers, 2015 - 2018



Source: Company documents of publicly traded managed care plans used: <https://www.macrotrends.net/stocks/charts/AET//operating-margin>
 (1) Represents earnings before interest and taxes over net revenues for the total service lines of the selected 5 largest publicly traded managed care plans.

Chart 1.25 Status of State Medicaid Expansion Deci..

Chart 1.26 - Total Effectuated Marketplace Enrol..

Chart 1.27 - Annual Change in Health Insurance Premiu..

Chart 1.28 - Managed Care Plan Average Ope..

Chart 1.29 - Operating Margins of the Top Insurers

Chapter 2 - Organizational Trends

Chart 2.1 - Number of Community Hospitals

Chart 2.2 - Number of Beds and per 1,000 Persons

Chart 2.3 - Beds per 1,000 Persons by State

Chart 2.4 - Number of Hospitals in Health Systems

Chart 2.5 - Number of Medicare-Certified..



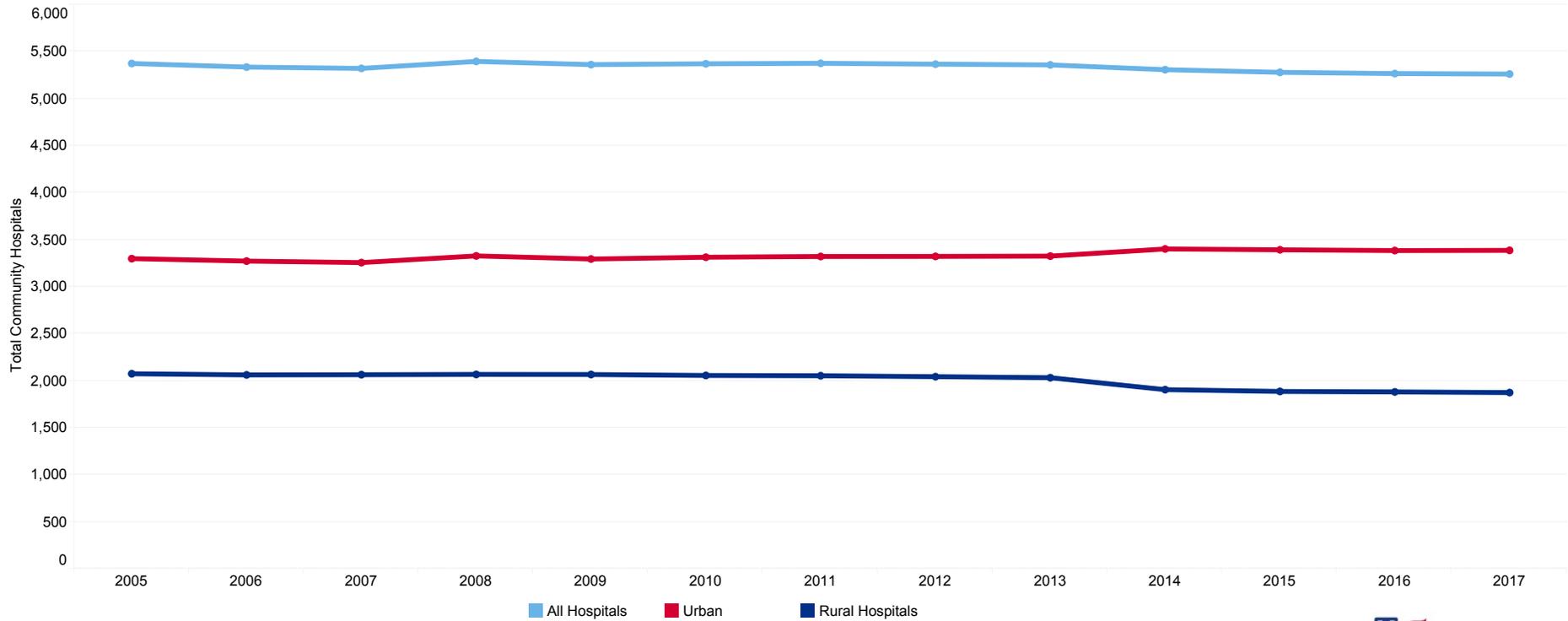
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Chapter 2

Organizational Trends

Chart 2.1: Number of Community Hospitals, 1995 – 2017

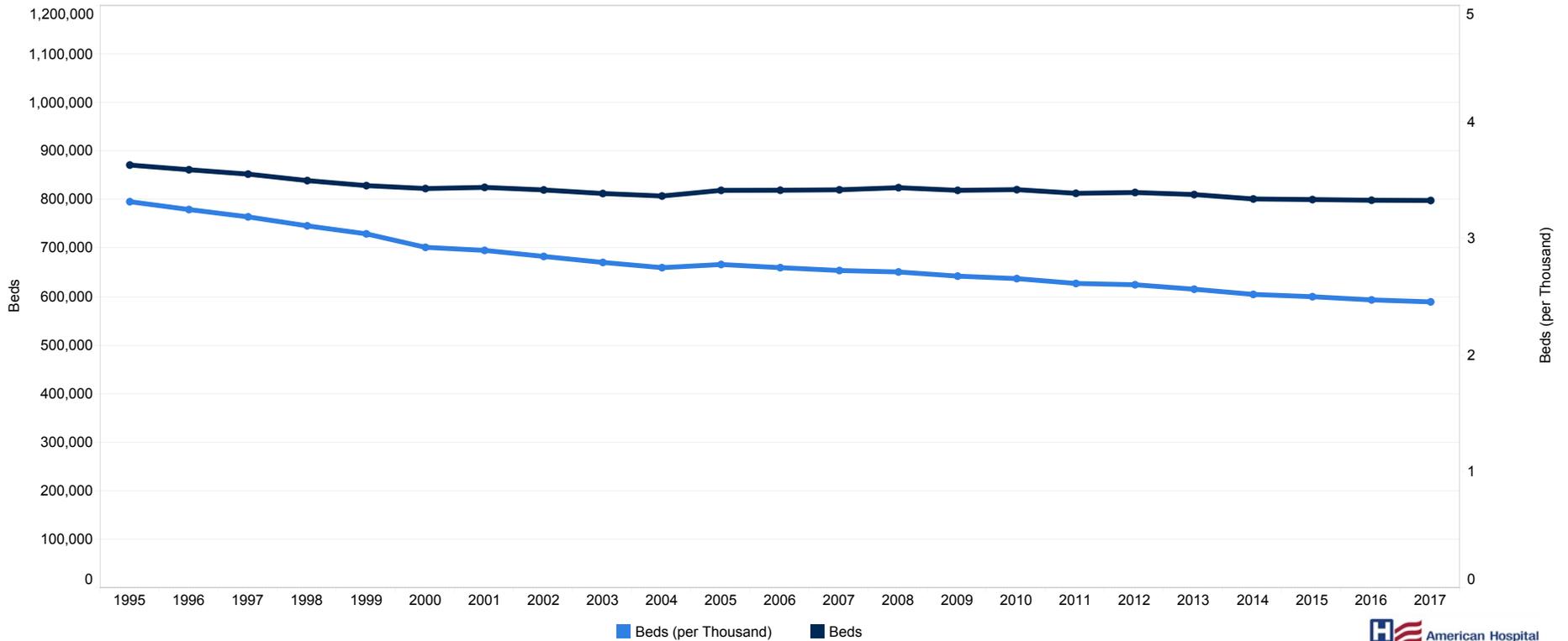


Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

(1) All non-federal, short-term general and specialty hospitals whose facilities and services are available to the public.

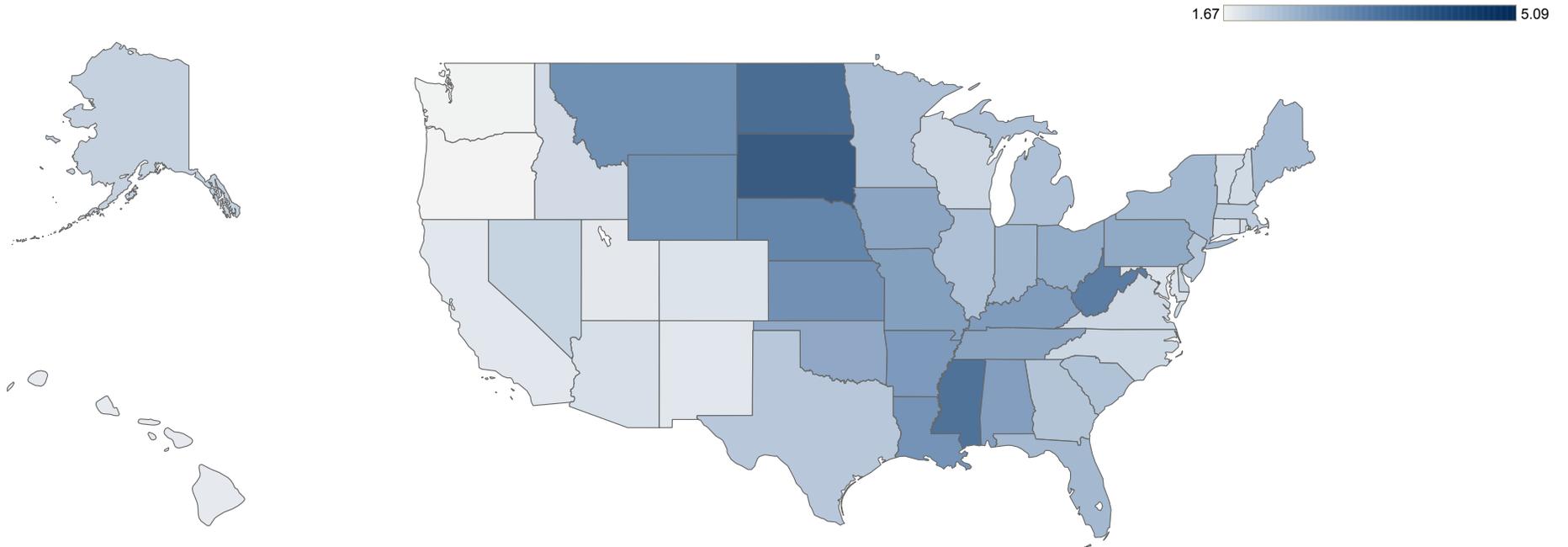
(2) Data on the number of urban and rural hospitals in 2004 and beyond were collected using coding different from previous years to reflect new Centers for Medicare & Medicaid Services wage area designations.

Chart 2.2: Number of Beds and Number of Beds per 1,000 Persons, 1995 – 2017



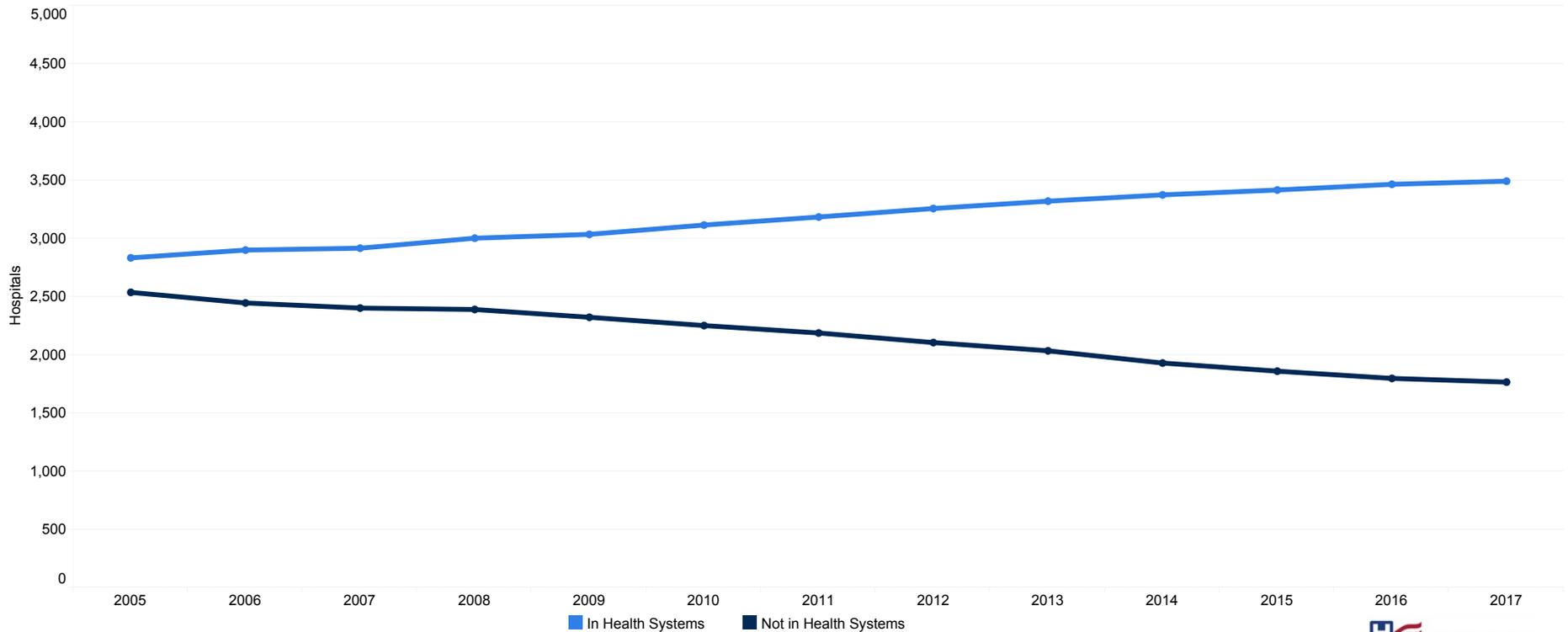
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

Chart 2.3: Beds per 1,000 Persons by State, 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals...

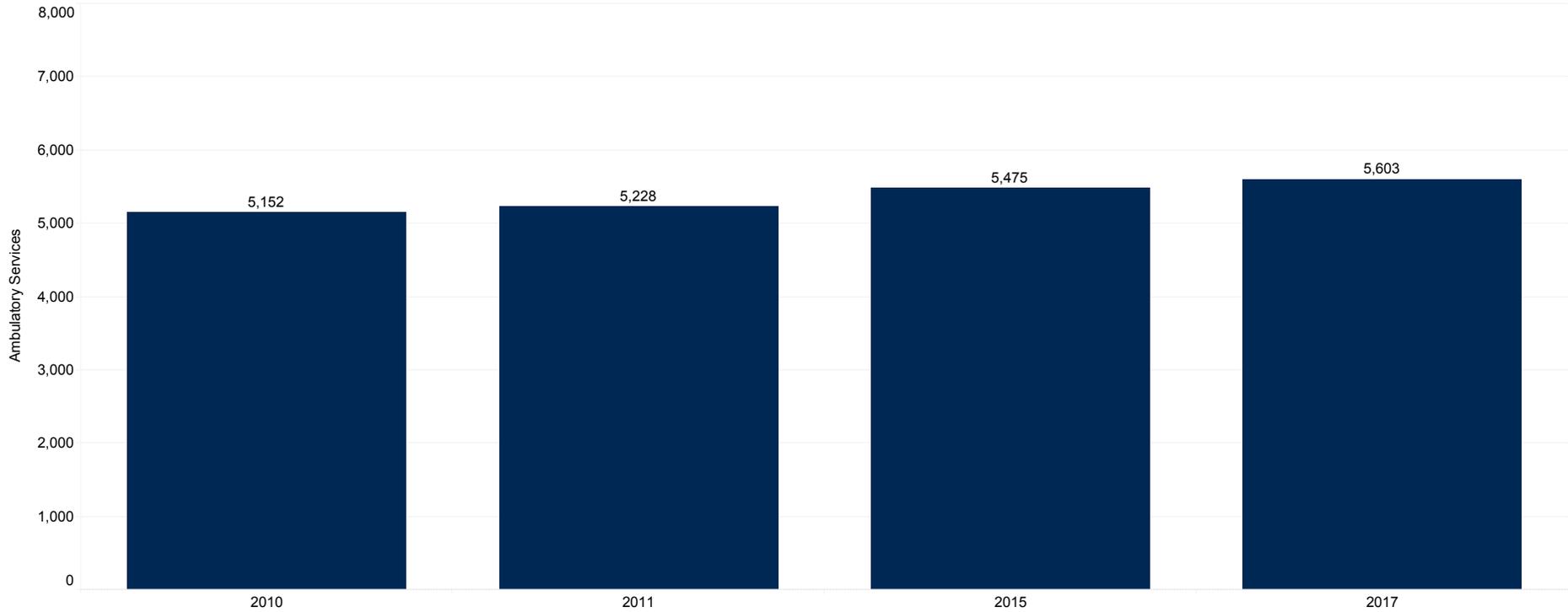
Chart 2.4: Number of Hospitals in Health Systems, 2005 – 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

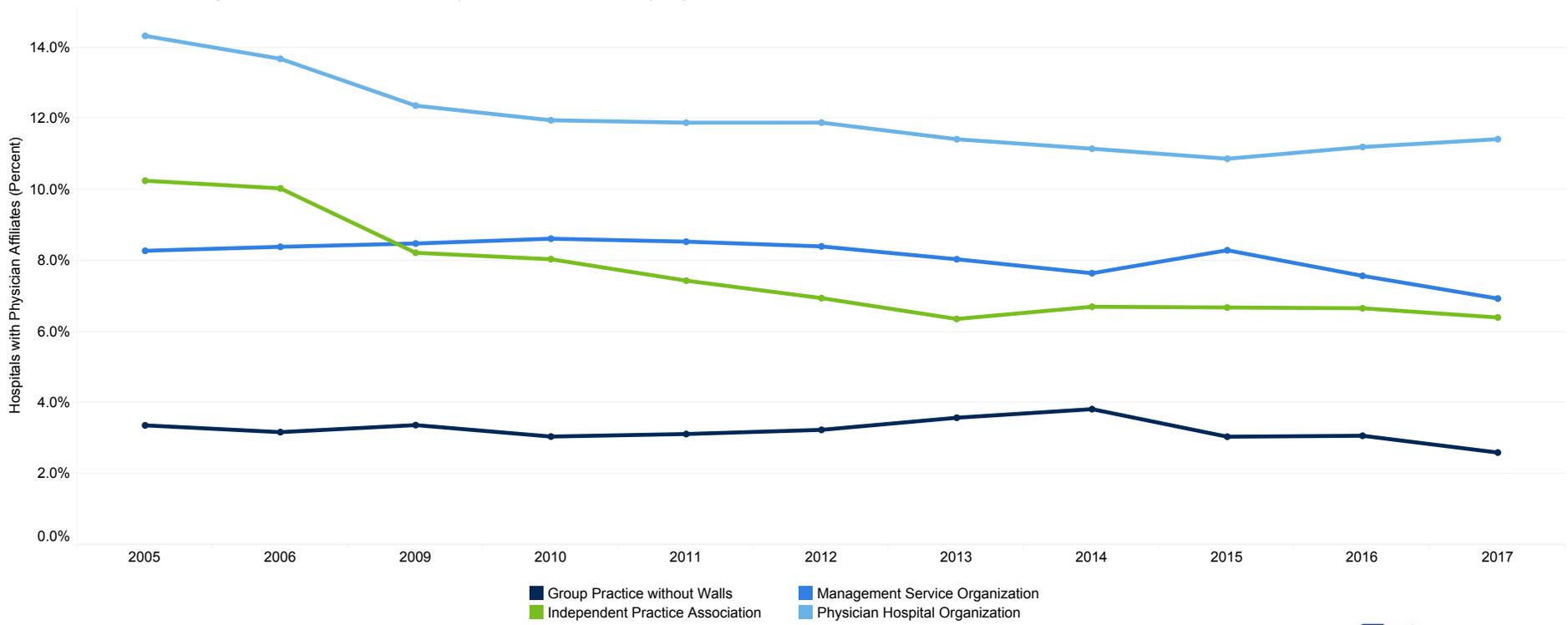
(1) Hospitals that are part of a corporate body that may own and/or manage health provider facilities or health-related subsidiaries as well as non-health-related facilities including freestanding and/or subsidiary corporations.

Chart 2.5: Number of Medicare-Certified Ambulatory Surgical Centers, 2010, 2011, 2015, 2017



Source: Medicare Payment Advisory Commission. March 2019. *Report to the Congress: Medicare Payment Policy*. http://medpac.gov/docs/default-source/reports/mar19_medpac_entirereport_sec.pdf?sfvrsn=0

Chart 2.6: Percentage of Hospitals with Physician Affiliates by Type of Relationship, 2005 – 2017

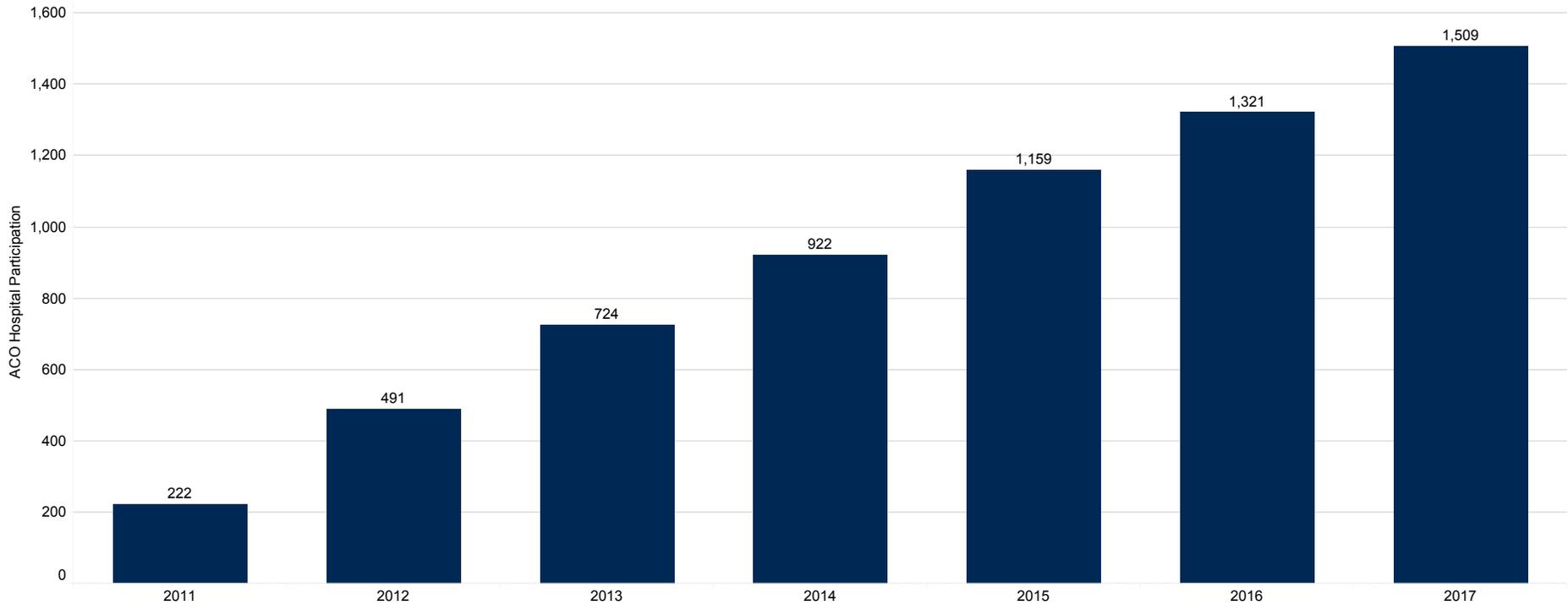


Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

(1) A hospital is considered to have a physician relationship if the relationship exists as part of the hospital or a system or network of which the hospital is a part.

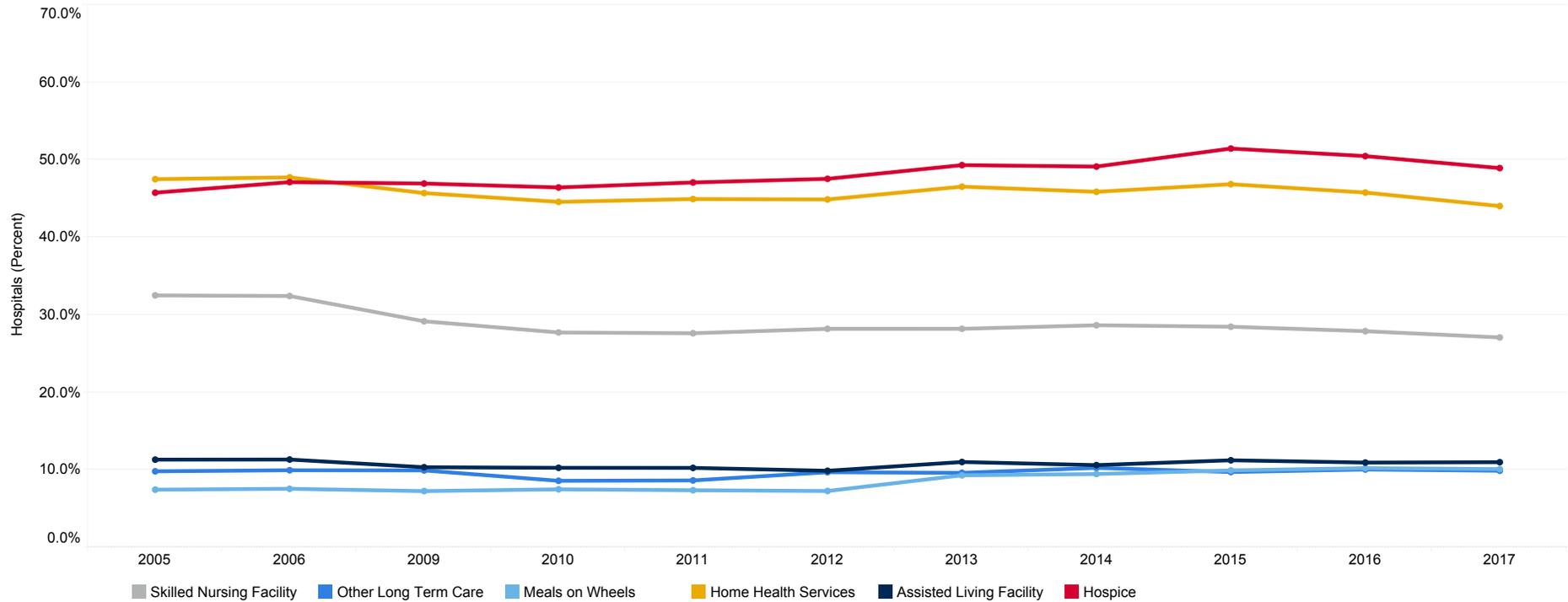
Chart 2.7 in 2009 and earlier years' Chartbooks.

Chart 2.7: Number of Hospitals/Health Systems Reporting ACO Participation, 2011 - 2017



Source: American Hospital Association, 2017 Annual Survey.

Chart 2.8: Percentage of Hospitals Offering “Non-Hospital” Services, 2005 – 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.
 (1) Includes services offered in hospital, health system, network or joint venture.
 Chart 2.9 in 2009 and earlier years' Chartbooks.

Chart 2.4 - Number of Hospitals in Hea..	Chart 2.5 - Number of Medicare-Certified..	Chart 2.6 - Percentage of Hospitals with Phy..	Chart 2.7 - Number of Hospitals/Health Systems Reportin..	Chart 2.8 - Percentage of Hospitals Offering..	Chart 2.9 -	Chapter 3 - Utilization and Volume	Chart 3.1 - Inpatient Admissions in Co..	Chart 3.2 - Total Inpatient Days in Community Hospit..	Chart 3.3 - Inpatient Admissions per 1,..	Chart 3.4 - Inpatient Days per 1,000 Persons
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Chart 2.5 -
Number of
Medicare-Certifi..

Chart 2.6 -
Percentage of
Hospitals with Phy..

Chart 2.7 - Number
of Hospitals/Health
Systems Reportin..

Chart 2.8 -
Percentage of
Hospitals Offering..

Chart 2.9 -

**Chapter 3 -
Utilization and
Volume**

Chart 3.1 -
Inpatient
Admissions in Co..

Chart 3.2 - Total
Inpatient Days in
Community Hospit..

Chart 3.3 -
Inpatient
Admissions per 1,..

Chart 3.4 -
Inpatient Days per
1,000 Persons

Chart 3.5 - Average
Length of Stay in
Community Hospit..



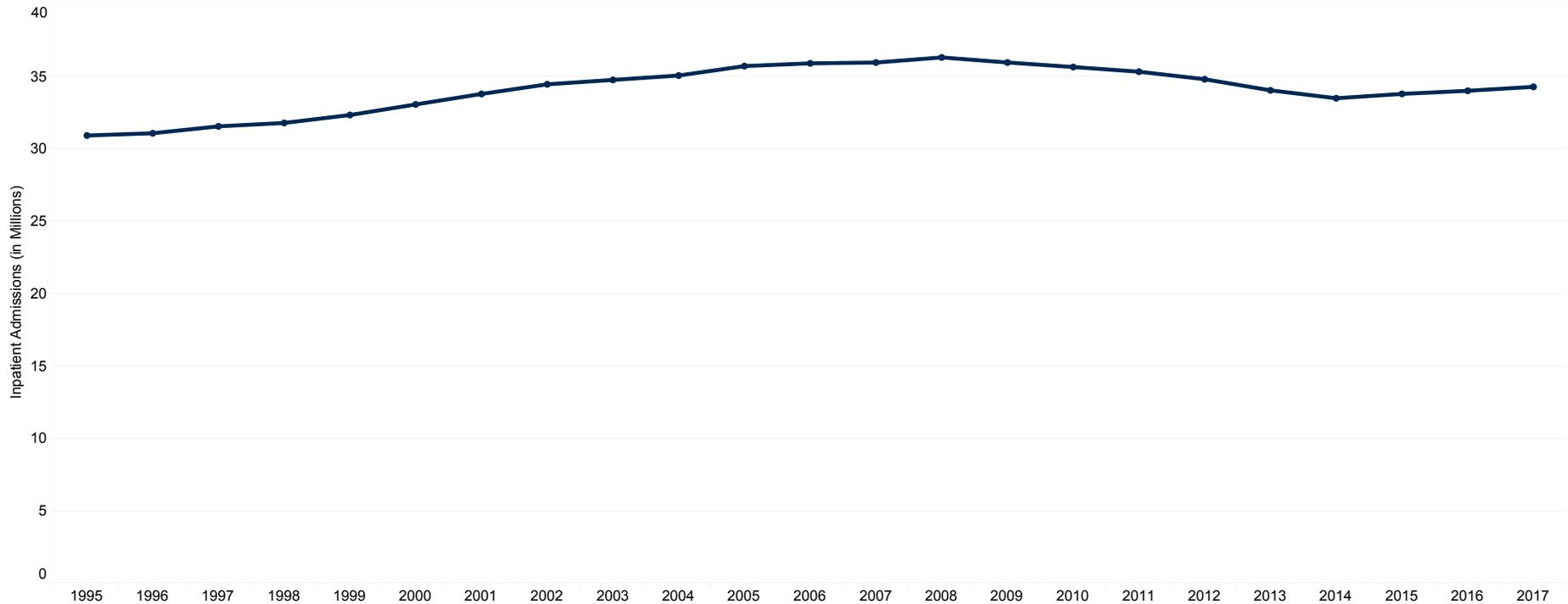
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Chapter 3

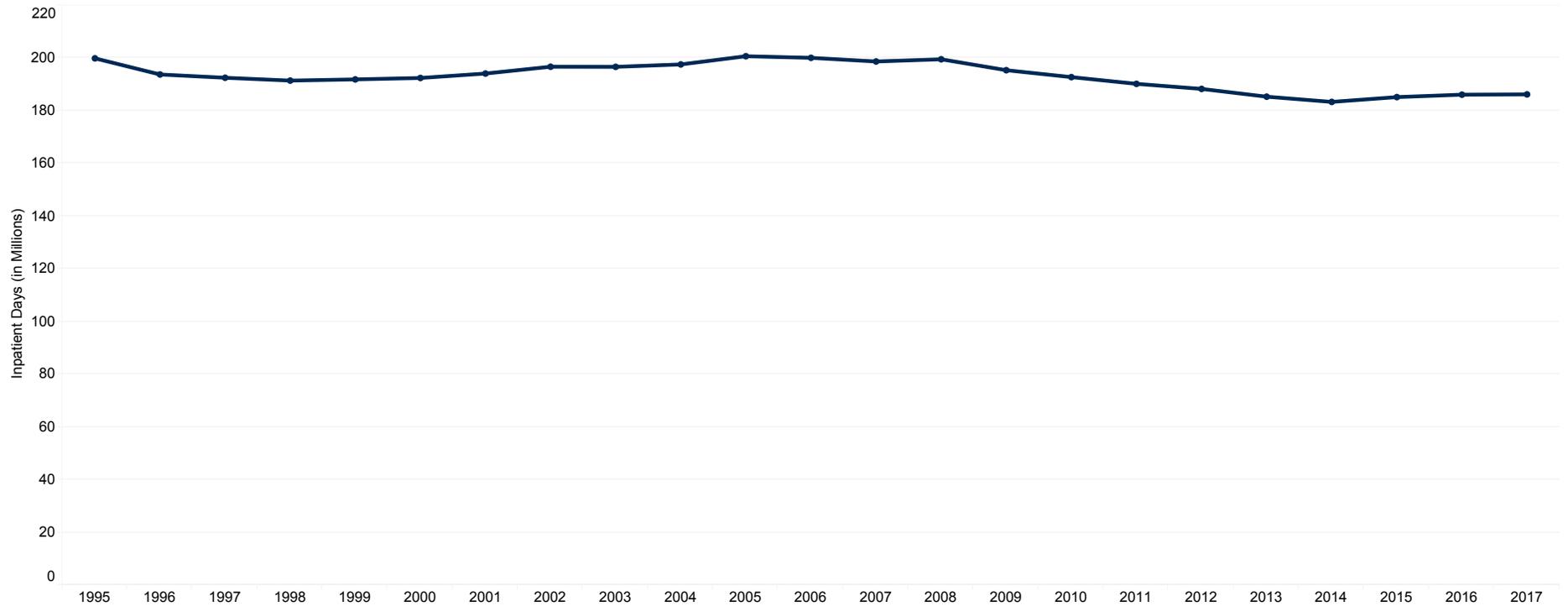
Utilization and Volume

Chart 3.1: Inpatient Admissions in Community Hospitals, 1995 - 2017



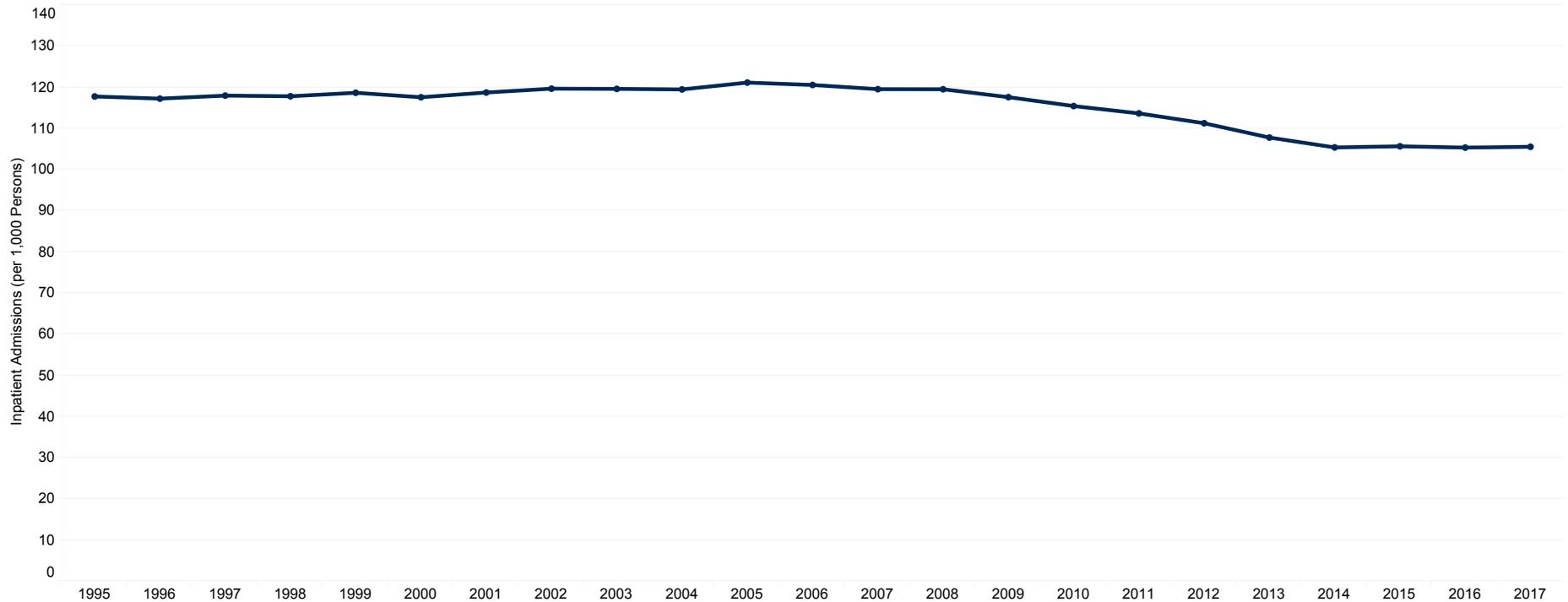
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals

Chart 3.2: Total Inpatient Days in Community Hospitals, 1995 - 2017



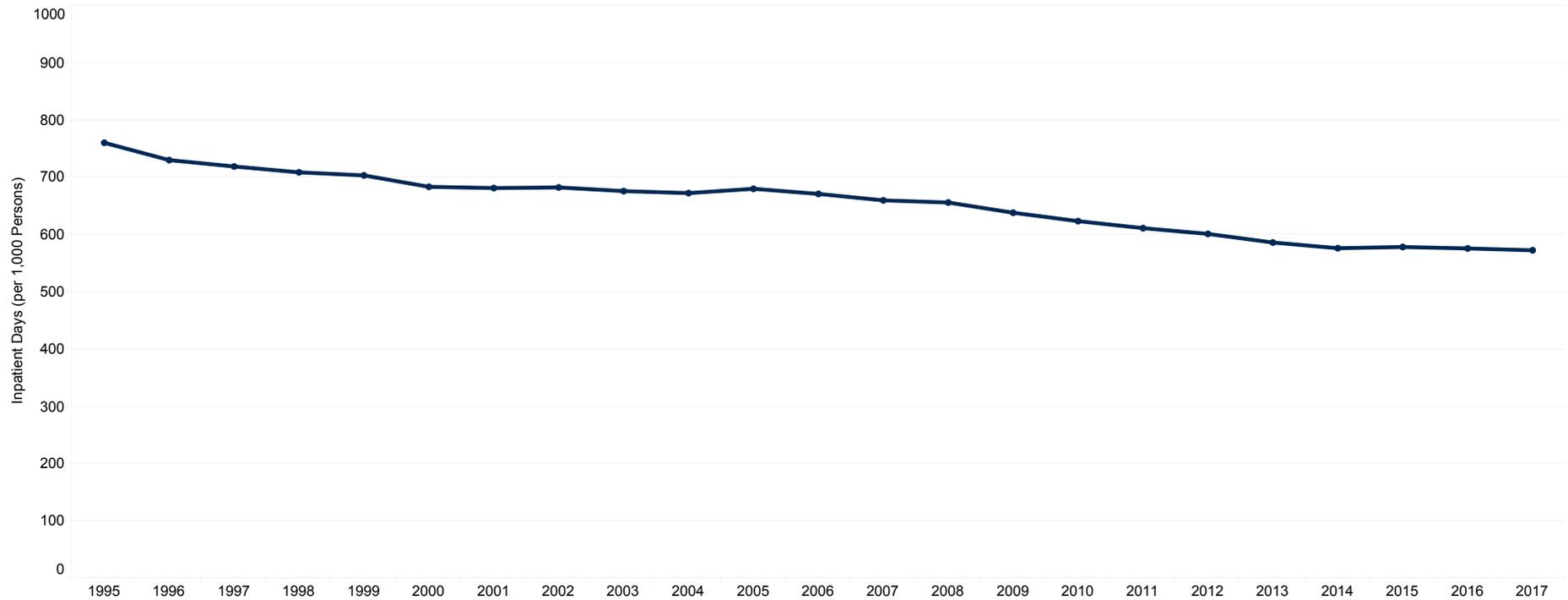
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals

Chart 3.3: Inpatient Admissions per 1,000 Persons, 1995 - 2017



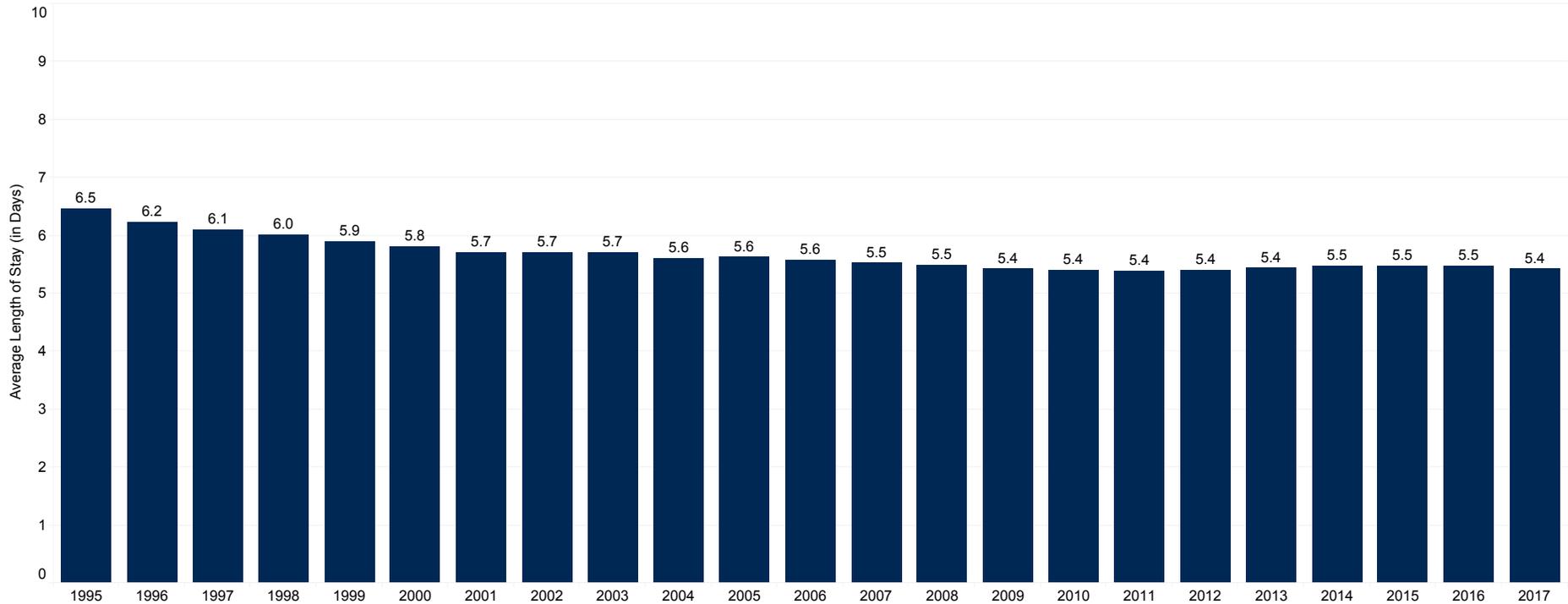
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals

Chart 3.4: Inpatient Days per 1,000 Persons, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals

Chart 3.5: Average Length of Stay in Community Hospitals, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals

Chart 3.1 - Inpatient Admissions in C..

Chart 3.2 - Total Inpatient Days in Community Hospit..

Chart 3.3 - Inpatient Admissions per 1,..

Chart 3.4 - Inpatient Days per 1,000 Persons

Chart 3.5 - Average Length of Stay in Community Hospit..

Chart 3.6 - Average Length of Stay in Community Hospit..

Chart 3.7 - Emergency Departments and ..

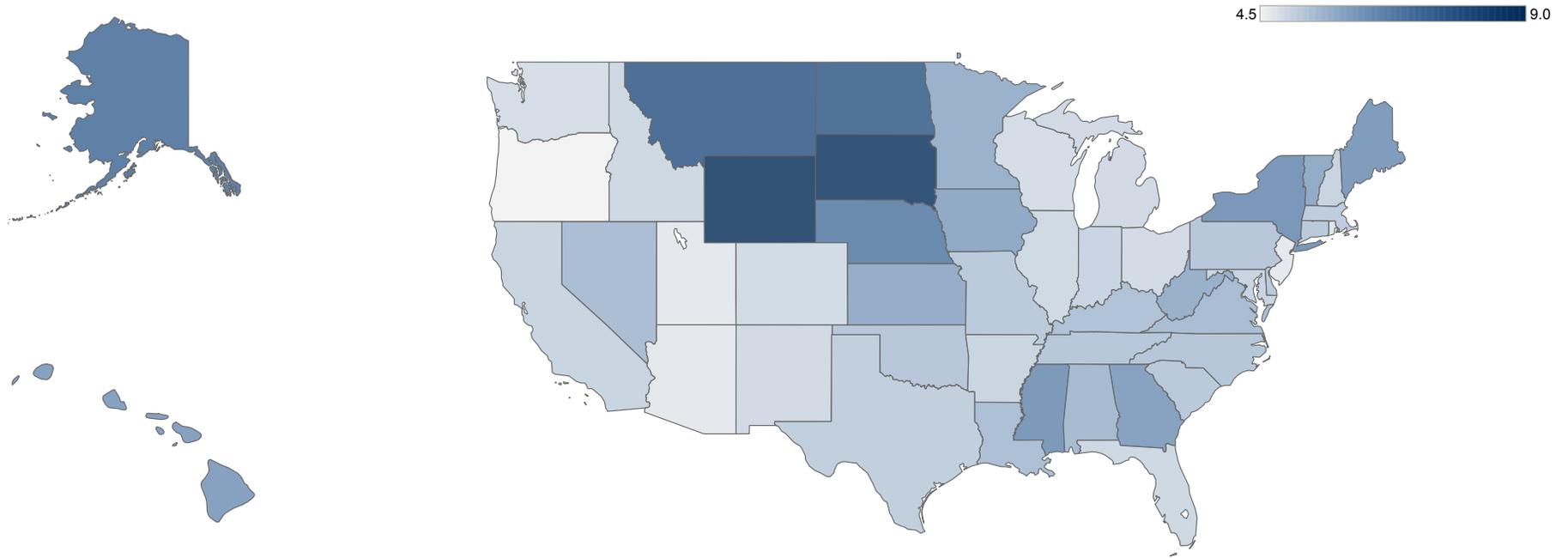
Chart 3.8 - Hospital Emergency Department Visits ..

Chart 3.9 - Total Hospital Outpatient Visits in Communi..

Chart 3.10 - Hospital Outpatient Visits per 1,000 P..

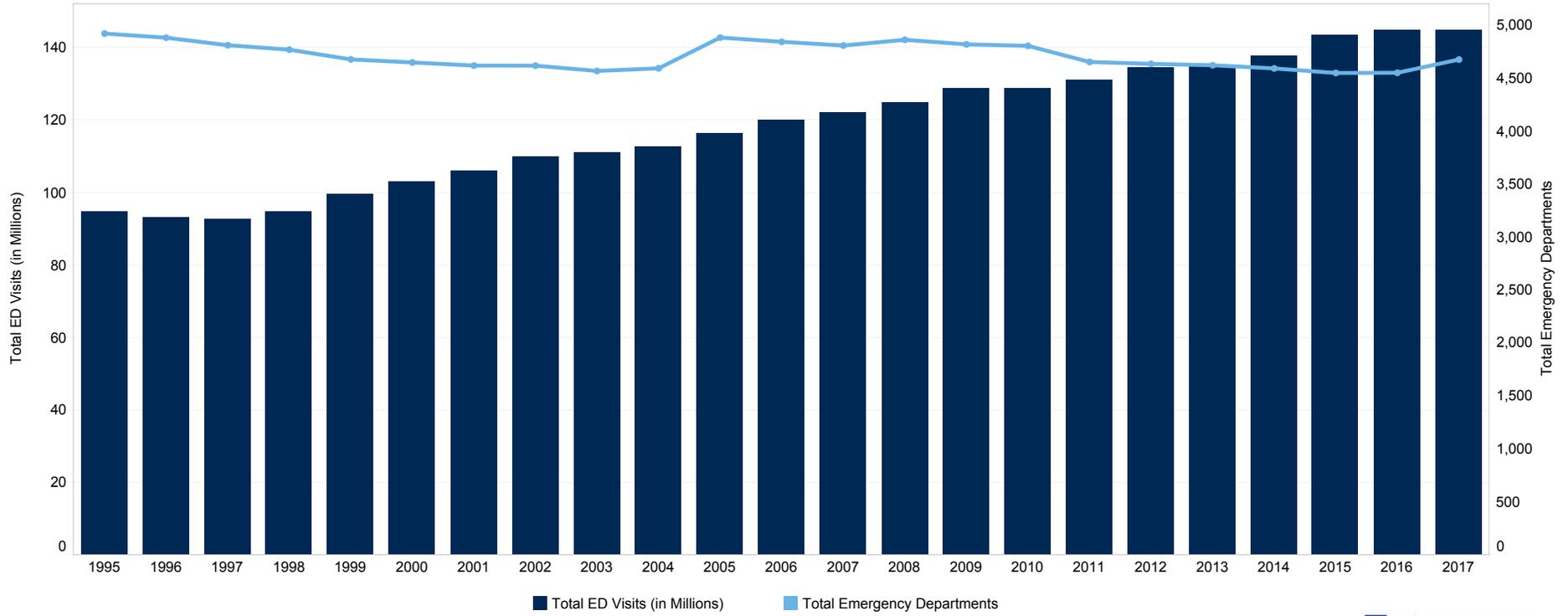
Chart 3.11 - Percentage Share of Inpatient vs. Ou..

Chart 3.6: Average Length of Stay in Community Hospitals By State, 2017



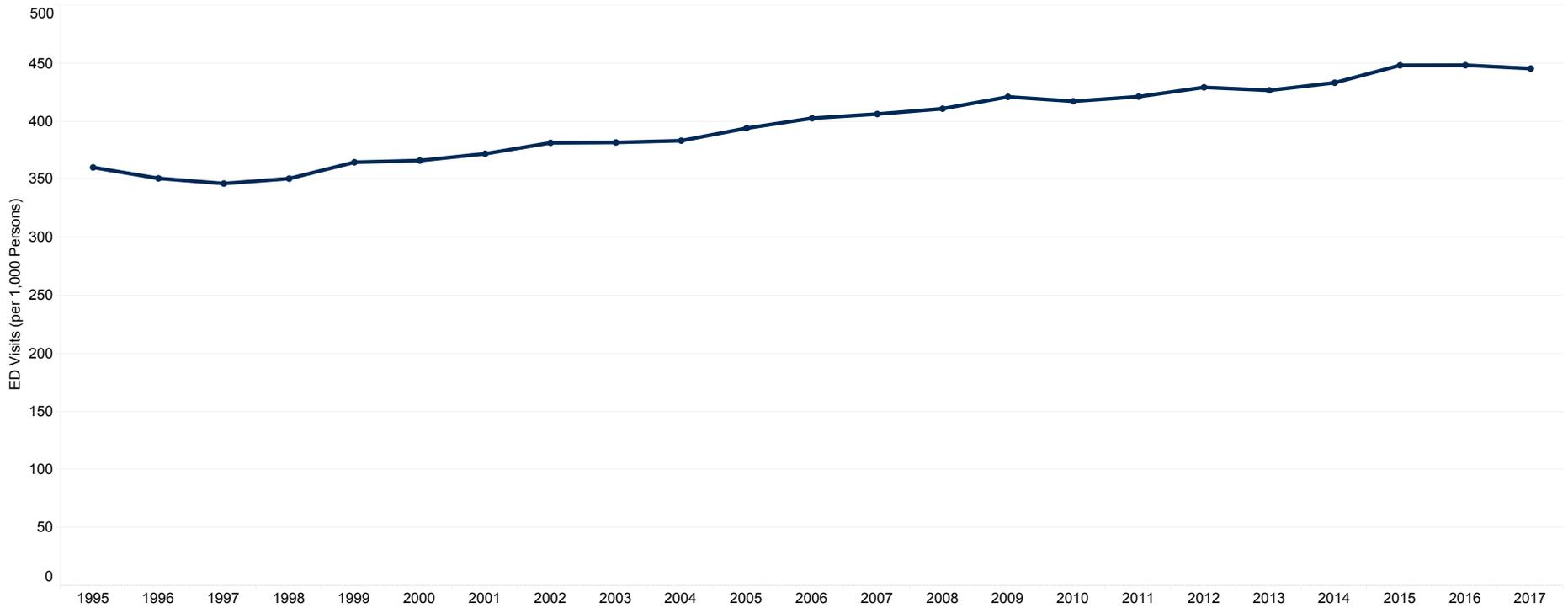
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

Chart 3.7: Emergency Department Visits and Emergency Departments in Community Hospitals, 1995 - 2017



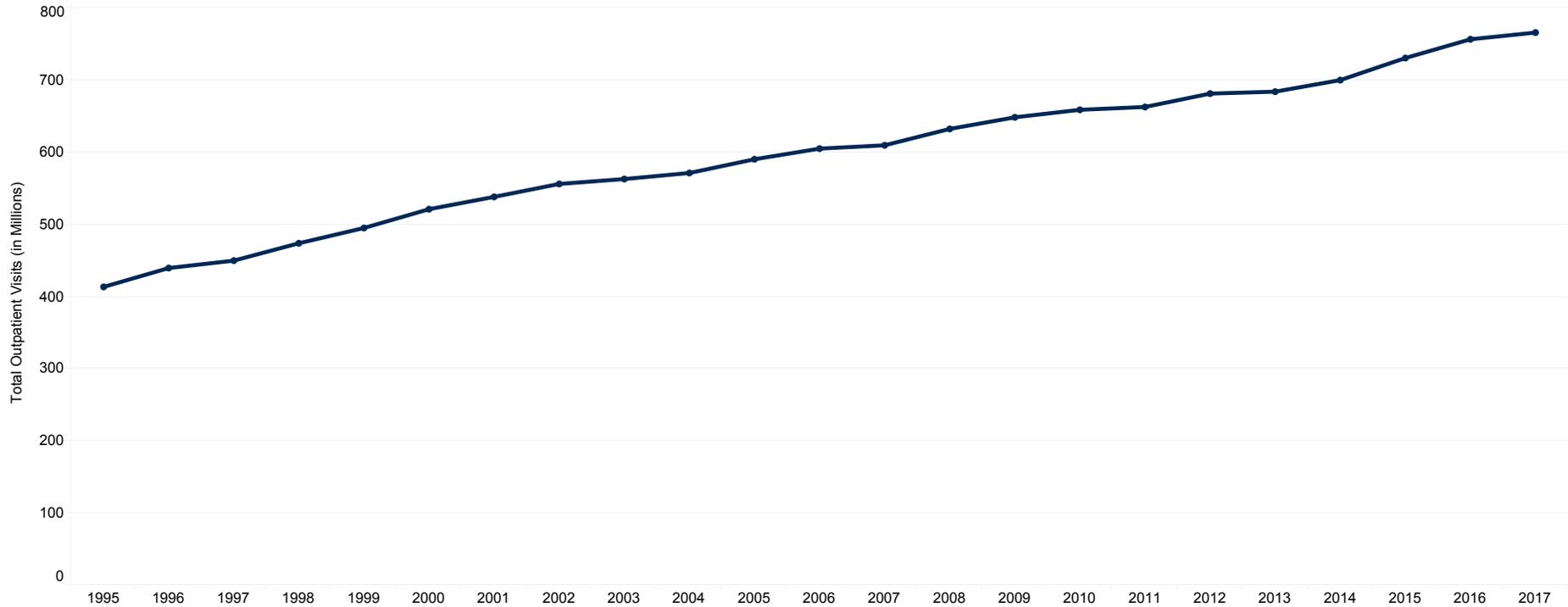
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals
 (1) Defined as hospitals reporting ED visits in the AHA Annual Survey.

Chart 3.8: Hospital Emergency Department Visits per 1,000 Persons, 1995 - 2017



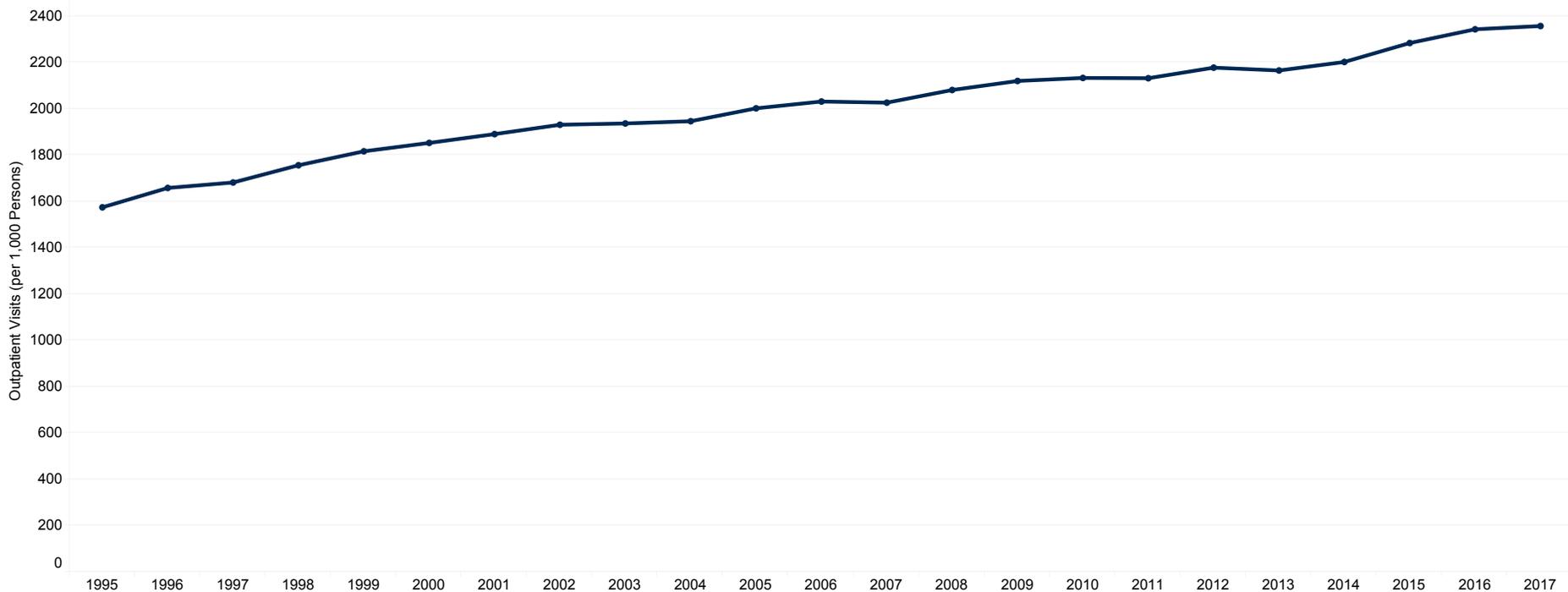
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals
Population data from National Health Expenditures table, <https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/NationalHealthExpendData/NationalHealthAccountsHistorical.html>

Chart 3.9: Total Hospital Outpatient Visits in Community Hospitals, 1995 - 2017



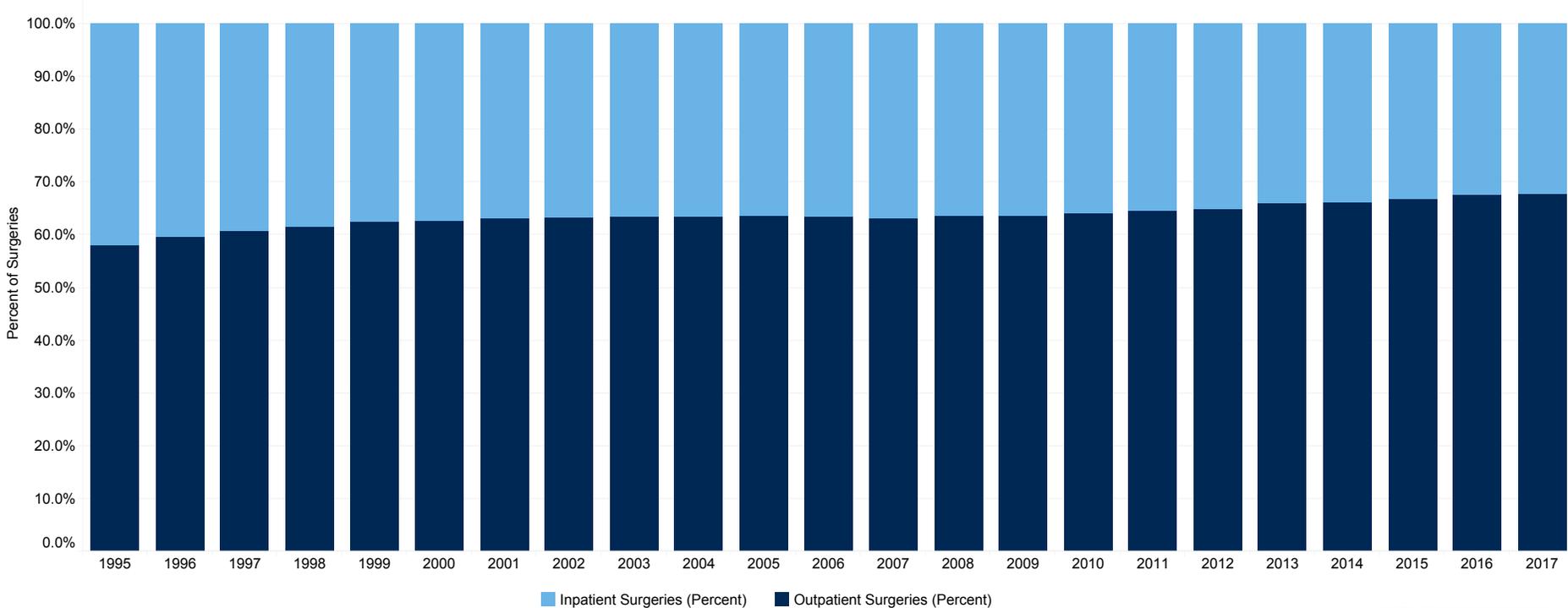
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals
Chart 3.12 in 2013 and earlier years' Chartbooks.

Chart 3.10: Hospital Outpatient Visits per 1,000 Persons, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals. US Census Bureau: National and State Population Estimates, July 1, 2017. <https://www.census.gov/data/tables/time-series/demo/popest/2010s-national-detail.html>
Chart 3.13 in 2013 and earlier years' Chartbooks.

Chart 3.11: Percentage Share of Inpatient vs. Outpatient Surgeries, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals. Chart 3.14 in 2013 and earlier years' Chartbooks.

Chart 3.7
Emergency
Departments an..

Chart 3.8 - Hospital
Emergency
Department Visits ..

Chart 3.9 - Total
Hospital Outpatient
Visits in Communi..

Chart 3.10 -
Hospital Outpatient
Visits per 1,000 P..

Chart 3.11 -
Percentage Share
of Inpatient vs. Ou..

**Chapter 4 - Trends
in Hospital
Financing**

Chart 4.1 -
Percentage of
Hospitals with Ne..

Chart 4.2 -
Distribution of
Outpatient vs. Inp..

Chart 4.3 - Annual
Change in Hospital
Operating Revenu..

Chart 4.4 -
Distribution of
Hospital Cost by ..

Chart 4.5 -
Aggregate Hospital
Payment-to-Cost ..



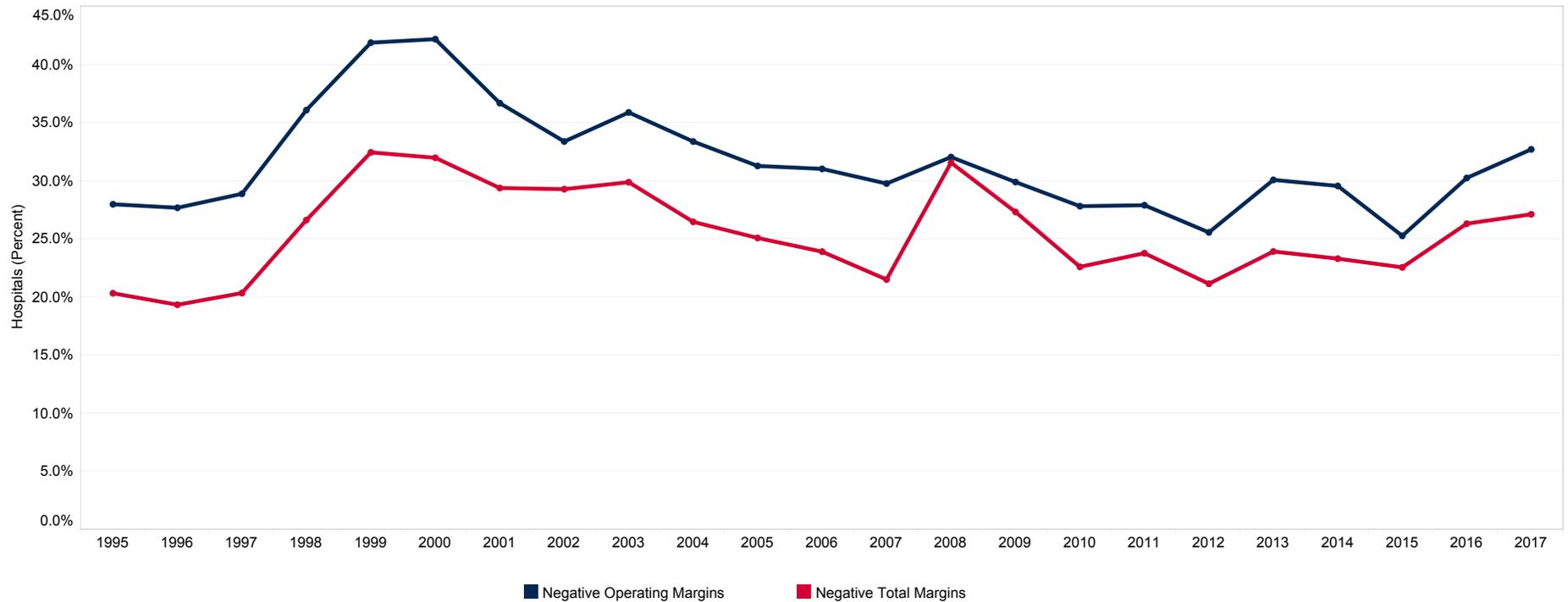
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Chapter 4

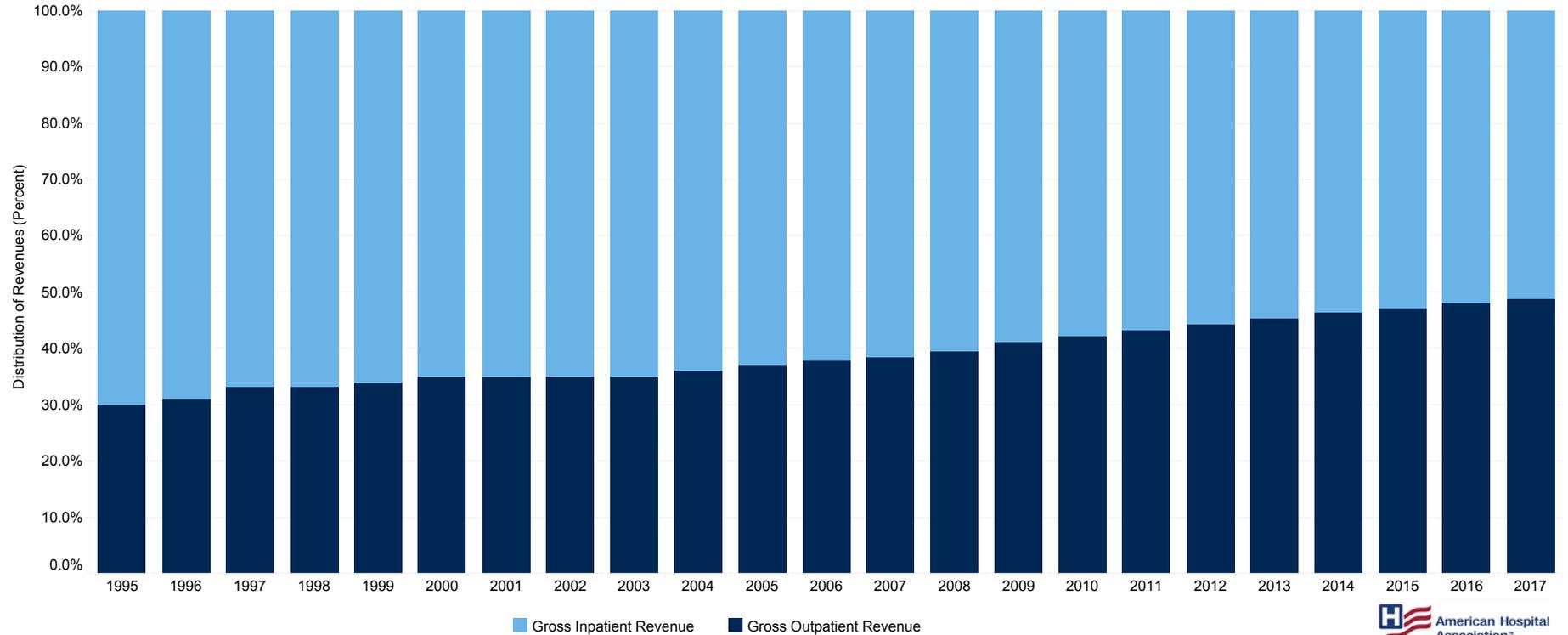
Trends in Hospital Financing

Chart 4.1: Percentage of Hospitals with Negative Total and Operating Margins, 1995 - 2017



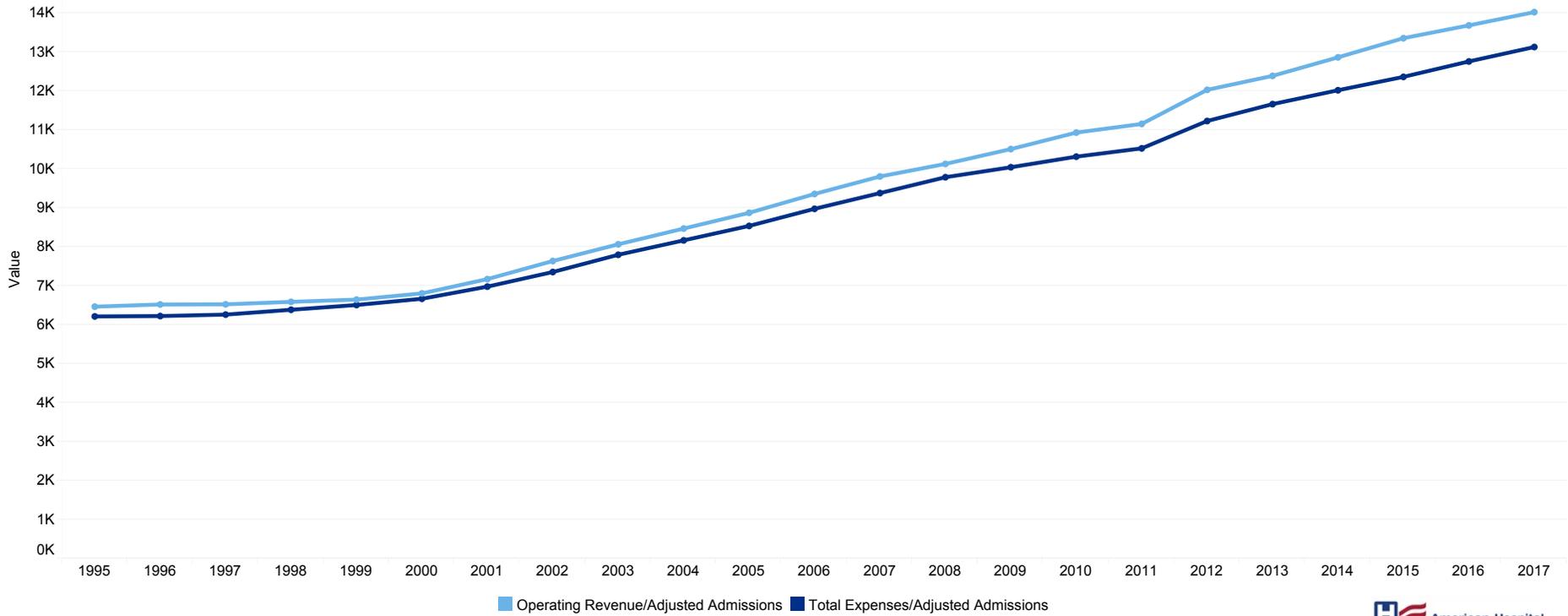
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.
 (1) Total Hospital Margin is calculated as the difference between total net revenue and total expenses divided by total net revenue.
 (2) Operating Margin is calculated as the difference between operating revenue and total expenses divided by operating revenue

Chart 4.2: Distribution of Outpatient vs. Inpatient Revenues, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals

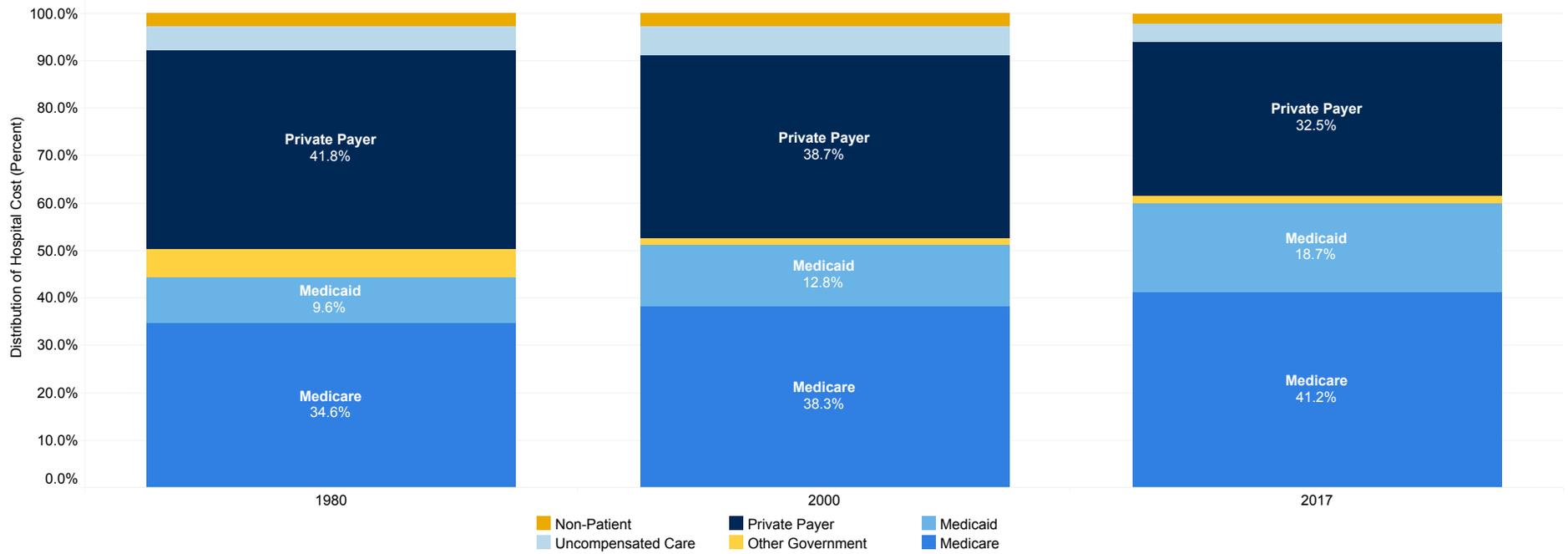
Chart 4.3: Hospital Operating Revenue and Expenses per Adjusted Admission⁽¹⁾, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

(1) An aggregate measure of workload reflecting the number of inpatient admissions, plus an estimate of the volume of outpatient services, expressed in units equivalent to an inpatient admission in terms of level of effort.

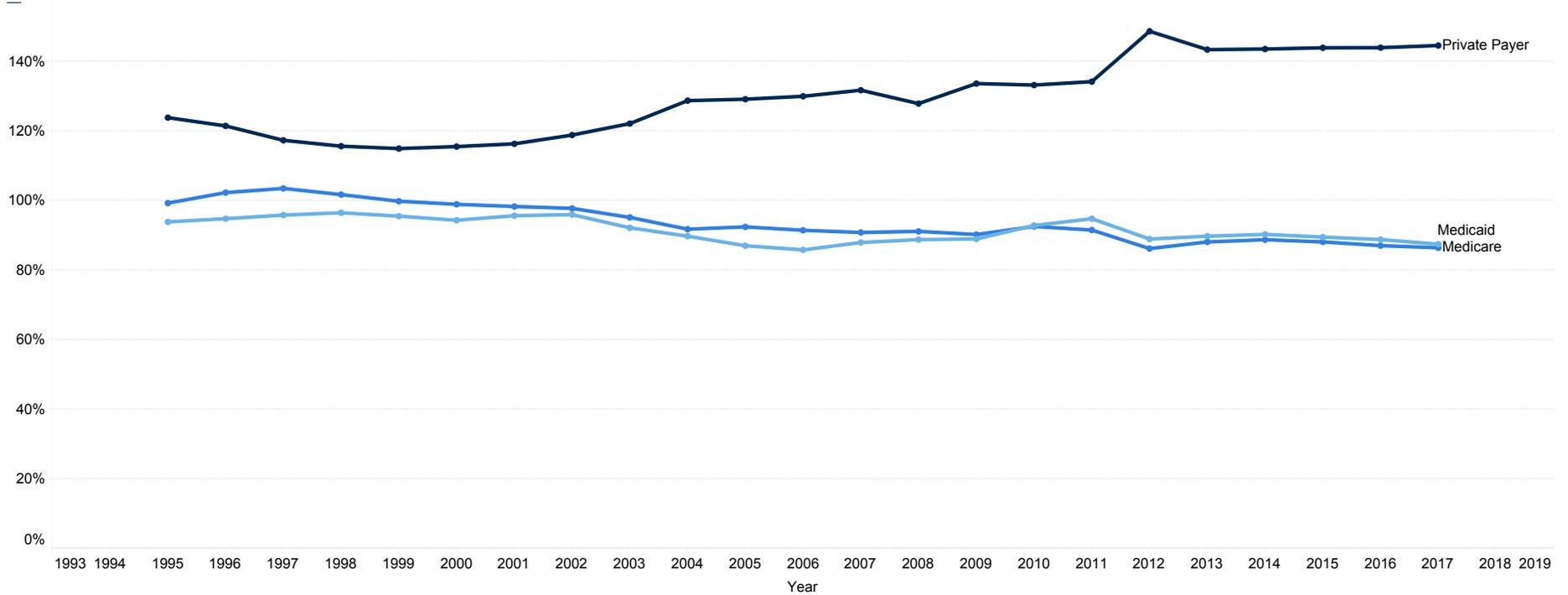
Chart 4.4: Distribution of Hospital Cost by Payer Type, 1980, 2000, 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

- (1) Non-patient represents costs for cafeterias, parking lots, gift shops and other non-patient care operating services and are not attributed to any one payer.
- (2) Uncompensated care represents bad debt expense and charity care, at cost.
- (3) Private payer formulas were updated in 2014 to account for the change in bad debt calculations, which is now reported as a deduction from revenue rather than a expense.
- (4) Percentages were rounded, so they do not add to 100 percent in all years.

Chart 4.5: Aggregate Hospital Payment-to-Cost Ratios for Private Payers, Medicare, and Medicaid, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

Chart 4.1 - Percentage of Hospitals with N..	Chart 4.2 - Distribution of Outpatient vs. Inp..	Chart 4.3 - Annual Change in Hospital Operating Revenu..	Chart 4.4 - Distribution of Hospital Cost by ..	Chart 4.5 - Aggregate Hospital Payment-to-Cost ..	Chart 4.6 - Hospital Payment Shortfall Relative to Costs f..	Chart 4.7 - Income from Investments and Other Non-O..	Chart 4.8 - Median Average Age of Plant	Chart 4.9 - Percent Change in Employment Cost ..	Chapter 5 - Workforce	Chart 5.1 - Total Number of Active Physicians per 1,0..
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Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.
 (1) Costs reflect a cap of 1.0 on the cost-to-charge ratio.

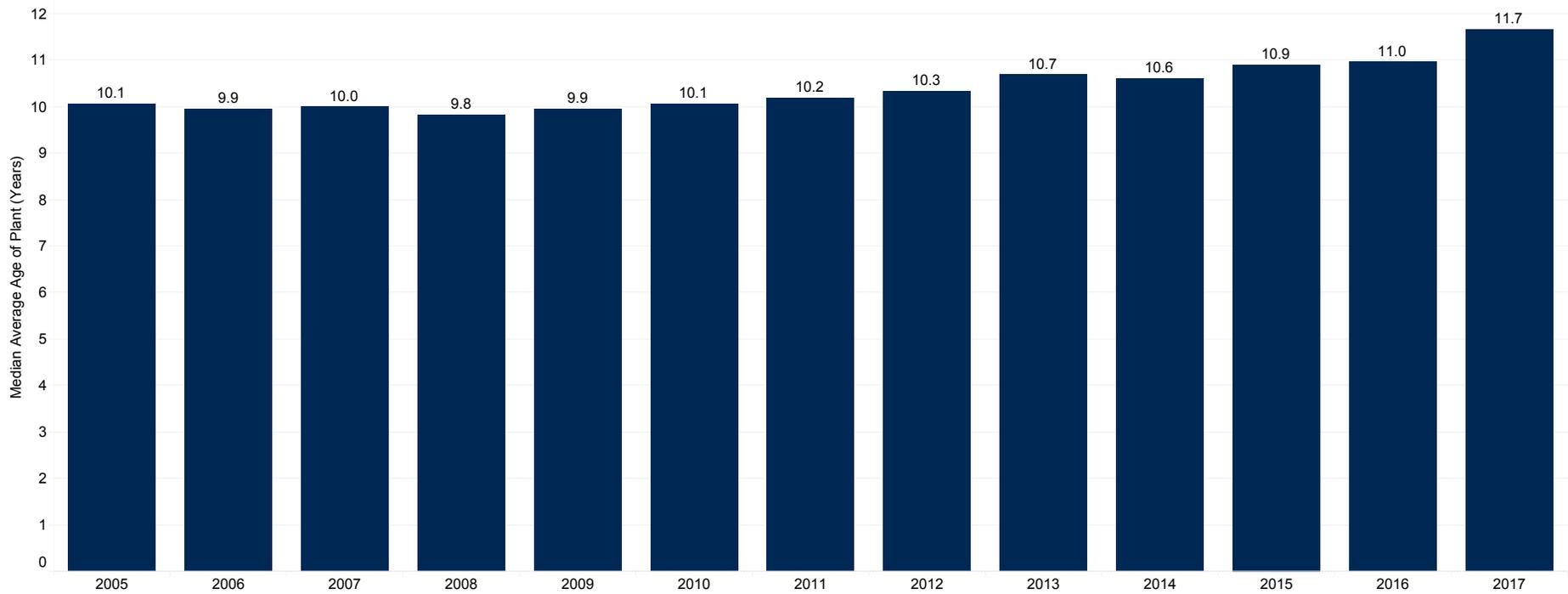
Chart 4.7: Income from Investments and Other Non-Operating Gains as a Percentage of Total Net Revenue, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

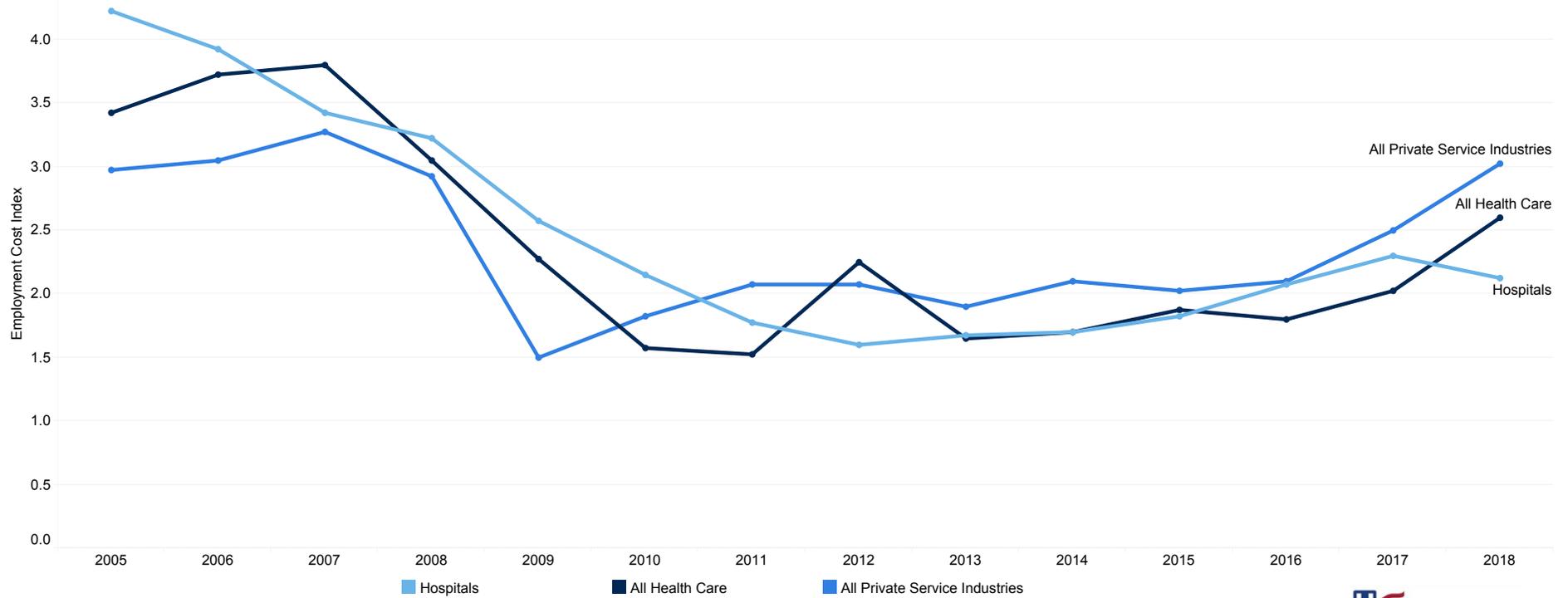
(1) Non-operating gains include income from non-operating activities, including investments, endowments and extraordinary gains, as well as the value of non-realized gains from investments.

Chart 4.8: Median Average Age of Plant, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

Chart 4.9: Employment Cost Index, All Private Service Industries, All Health Services and Hospitals, 2005 - 2017



Source: Bureau of Labor Statistics, Employment Cost Index, 12 months ending December 2018. www.bls.gov.
 (1) Total compensation.
 (2) Data represent annualized 12 month percent change.

Chart 4.5 - Aggregate Hospital Payme..

Chart 4.6 - Hospital Payment Shortfall Relative to Costs f..

Chart 4.7 - Income from Investments and Other Non-O..

Chart 4.8 - Median Average Age of Plant

Chart 4.9 - Percent Change in Employment Cost ..

Chapter 5 - Workforce

Chart 5.1 - Total Number of Active Physicians per 1,0..

Chart 5.2 - Total Number of Active Physicians per 1,0..

Chart 5.3 - Number of Physicians and Dentists Employe..

Chart 5.4 - Medical and Dental Residents in Train..

Chart 5.5 - Total FTE Employees in Hospitals



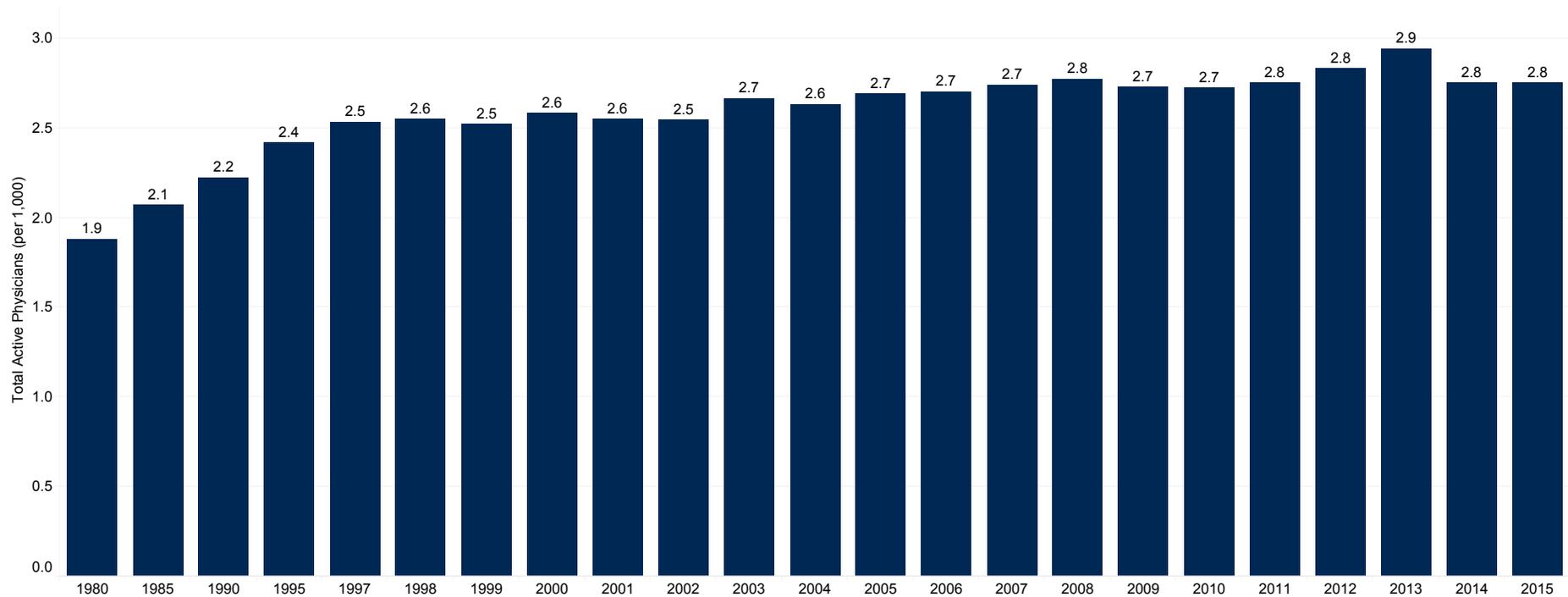
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Chapter 5

Workforce

Chart 5.1: Total Number of Active Physicians per 1,000 Persons, 1980 - 2015

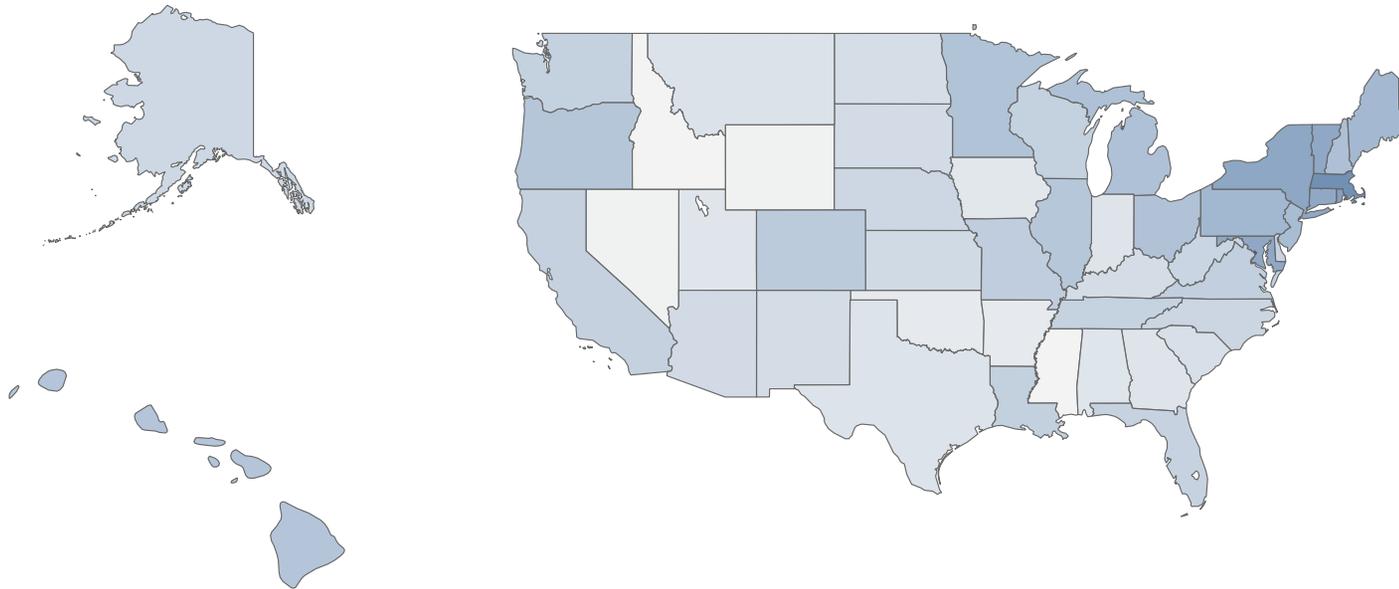


Source: Center For Disease Control, <https://www.cdc.gov/nchs/data/abus/2017/083.pdf>

(1) 1980 does not include doctors of osteopathy.

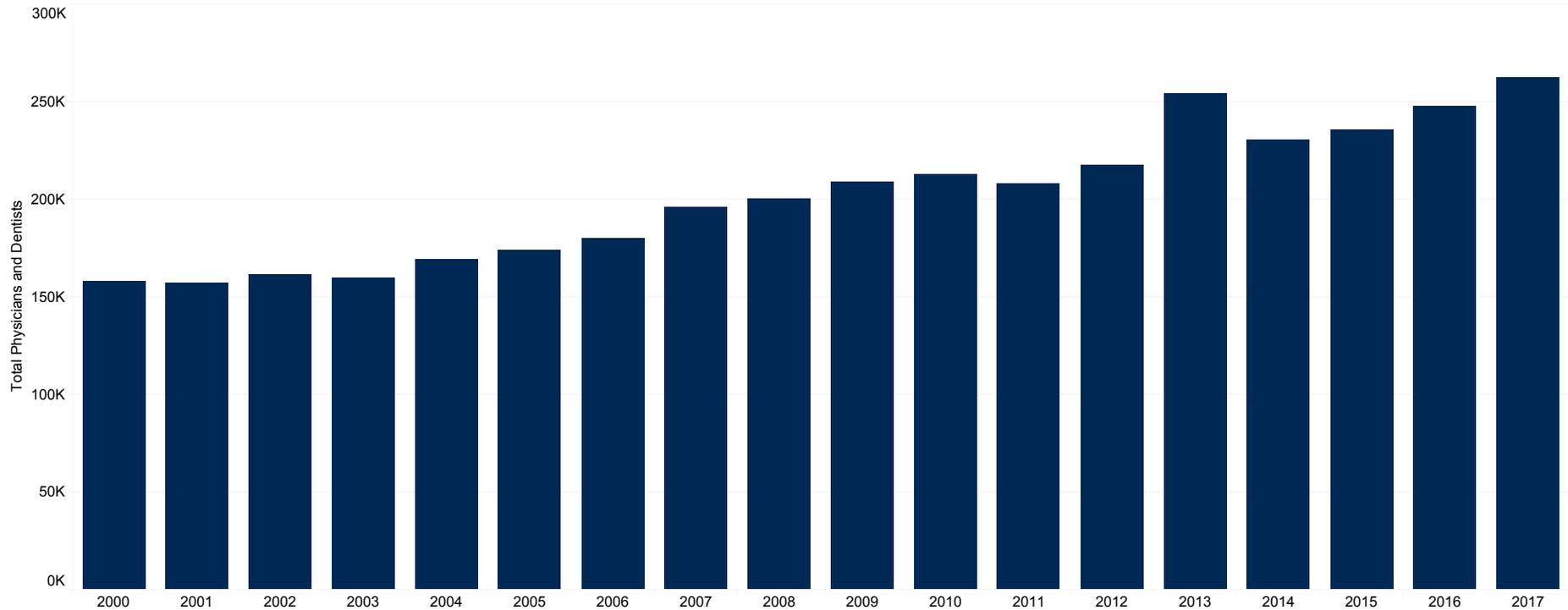
(2) 2004 and later years include both federal and non-federal physicians. Prior to 2003, data included non-federal physicians only.

Chart 5.2: Total Number of Active Physicians per 1,000 Persons by State, 2015



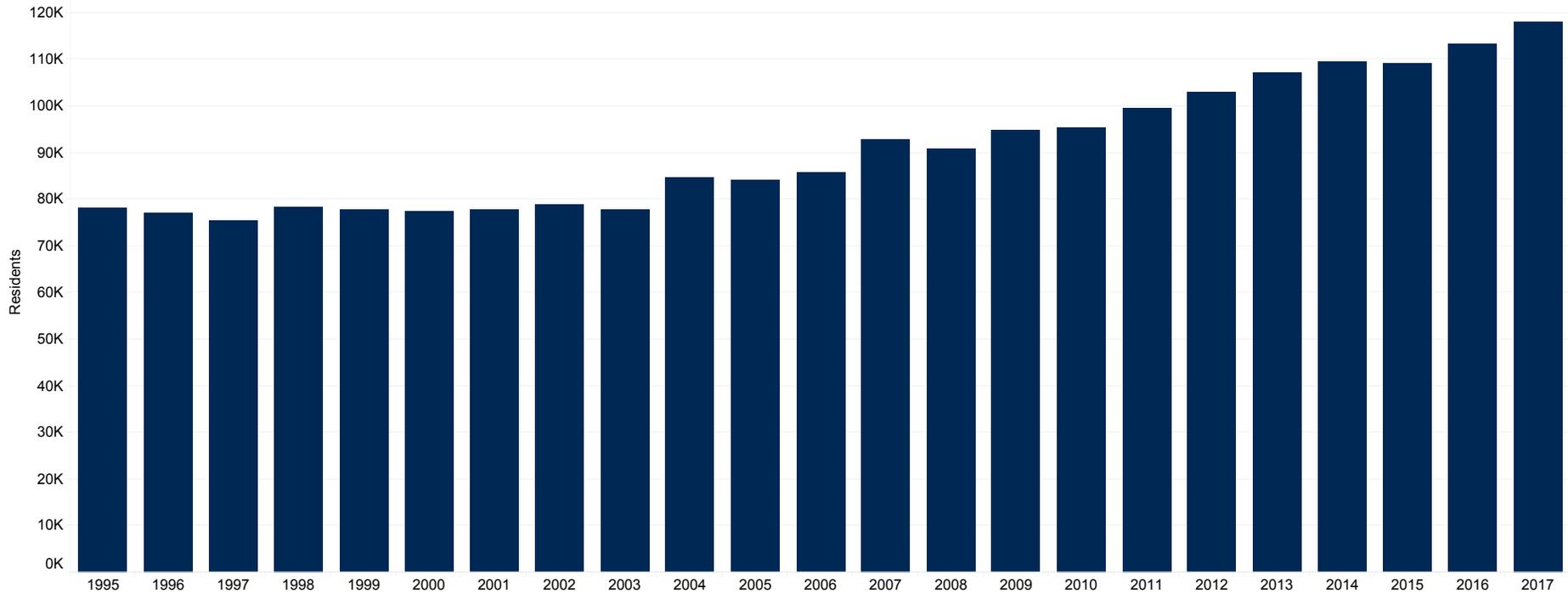
Source: Center For Disease Control, <https://www.cdc.gov/nchs/data/abus/2017/083.pdf>
(1) 1980 does not include doctors of osteopathy. ...

Chart 5.3: Number of Physicians and Dentists Employed by Community Hospitals, 2000 - 2017



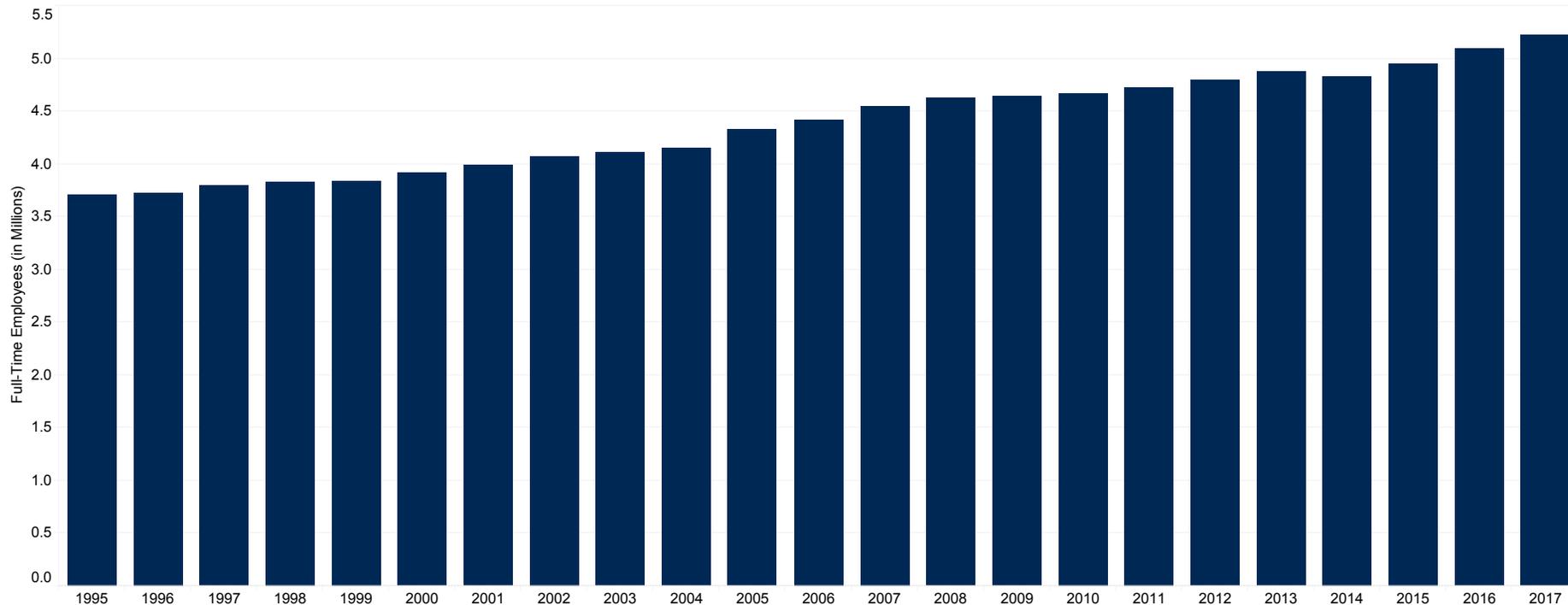
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.
(1) Includes full-time and part-time physicians, dentists, medical interns and residents, and dental interns and residents..

Chart 5.4: Medical and Dental Residents in Training in Community Hospitals, 1995 - 2017



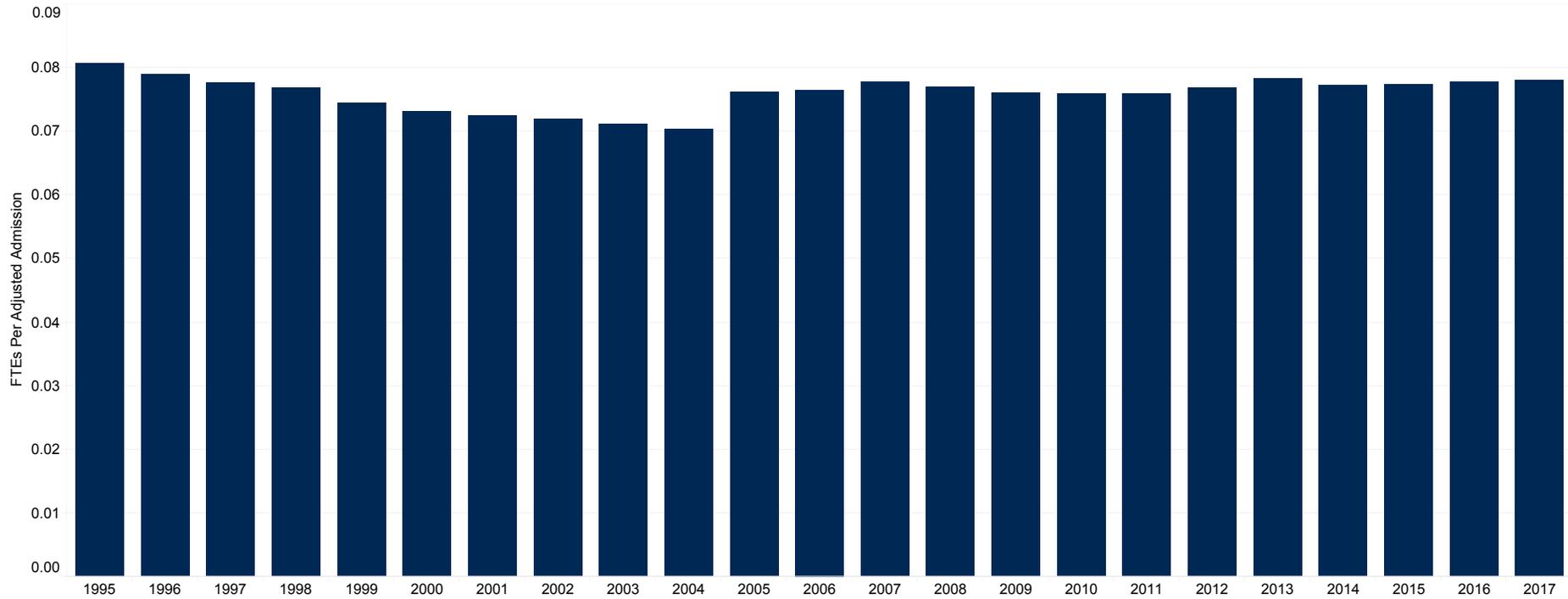
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.
(1) Includes full-time equivalent interns and residents.
Chart 5.3 in 2014 and earlier years' Chartbooks.

Chart 5.5: Total Full - Time Equivalent Employees Working in Hospitals, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals. Chart 5.4 in 2014 and earlier years' Chartbooks.

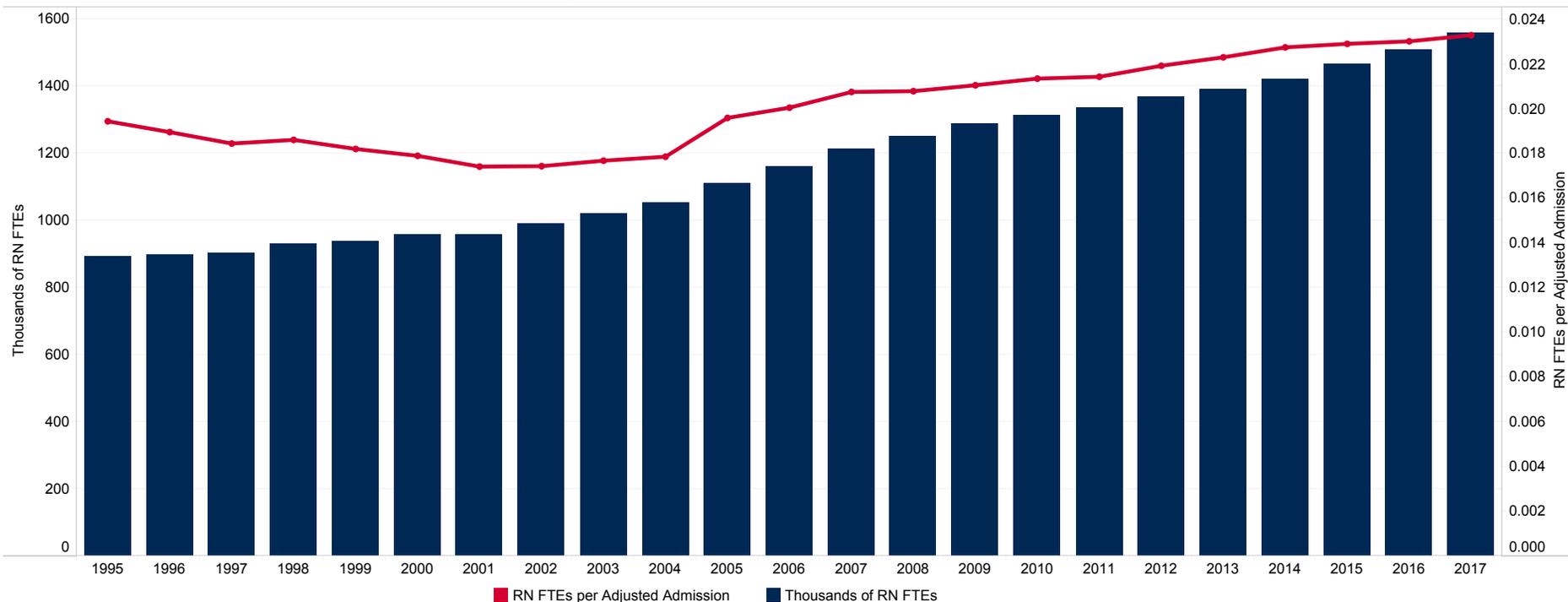
Chart 5.6: Full-Time Equivalent Employees per Adjusted Admission⁽¹⁾, 1995 - 2017



Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

(1) An aggregate measure of workload reflecting the number of inpatient admissions, plus an estimate of the volume of outpatient services, expressed in units equivalent to an inpatient admission in terms of level of effort.
Chart 5.5 in 2014 and earlier years' Chartbooks.

Chart 5.7: Number of RN FTEs and RN FTEs per Adjusted Admission, 1995 - 2017



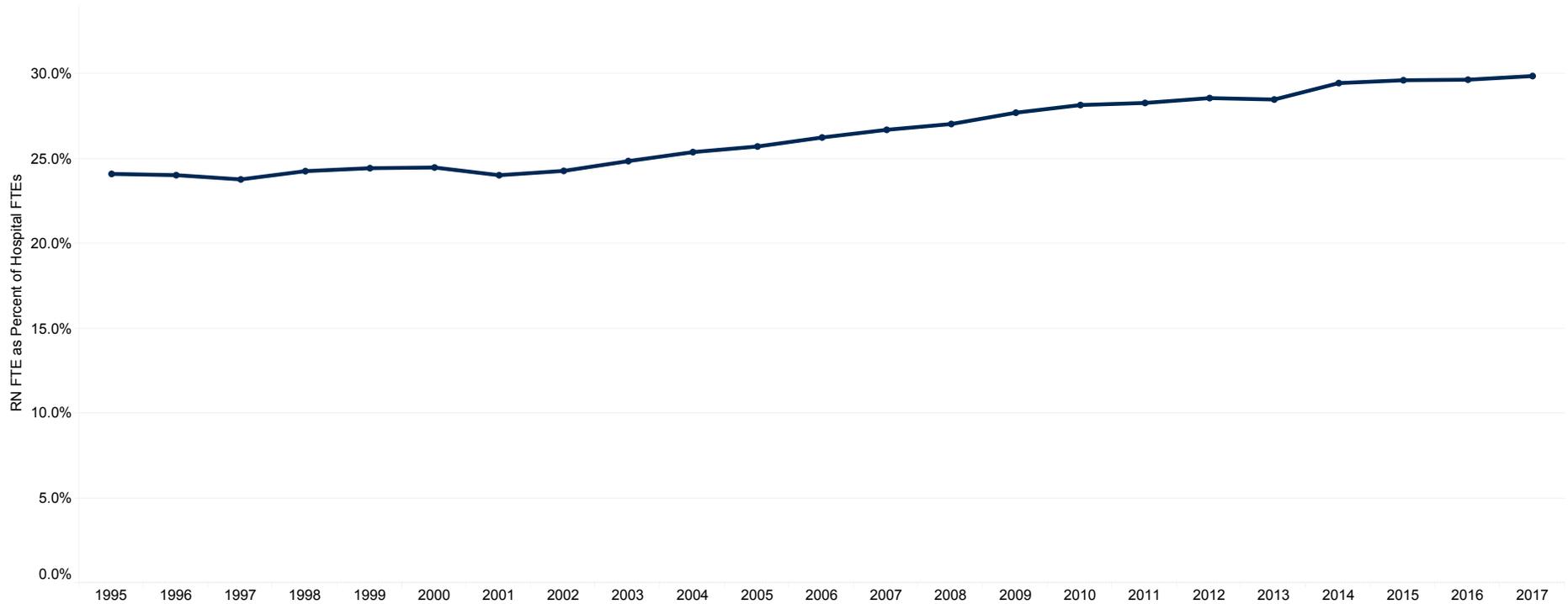
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals.

(1) RN: Registered Nurse; FTE: Full-time Equivalent

(2) An aggregate measure of workload reflecting the number of inpatient admissions, plus an estimate of the volume of outpatient services, expressed in units equivalent to an inpatient admission in terms of level of effort.

Chart 5.6 in 2014 and earlier years' Chartbooks.

Chart 5.8: RN Full-Time Equivalents as a Percentage of Total Hospital Full-Time Equivalents, 1995 - 2017



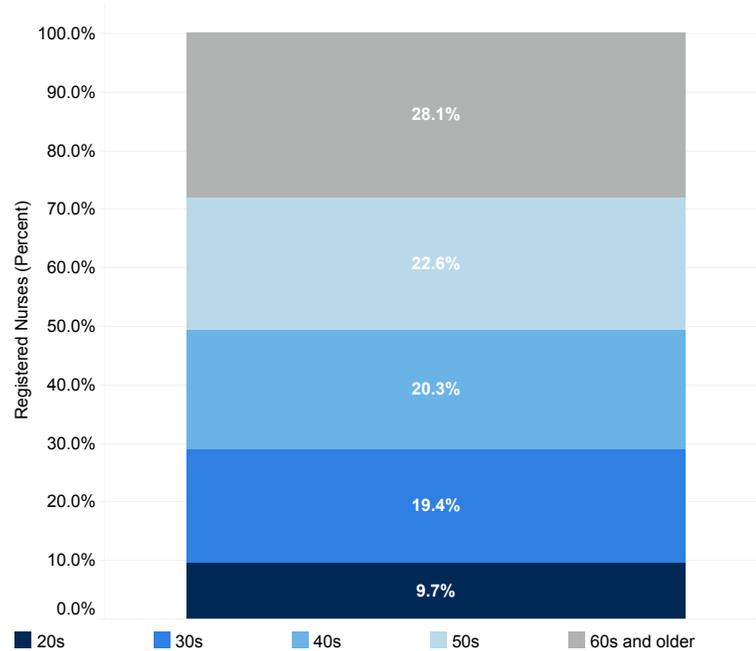
Source: Analysis of American Hospital Association Annual Survey data, 2016, for community hospitals.

(1) RN: Registered Nurse; FTE: Full-time Equivalent

(2) An aggregate measure of workload reflecting the number of inpatient admissions, plus an estimate of the volume of outpatient services, expressed in units equivalent to an inpatient admission in terms of level of effort.

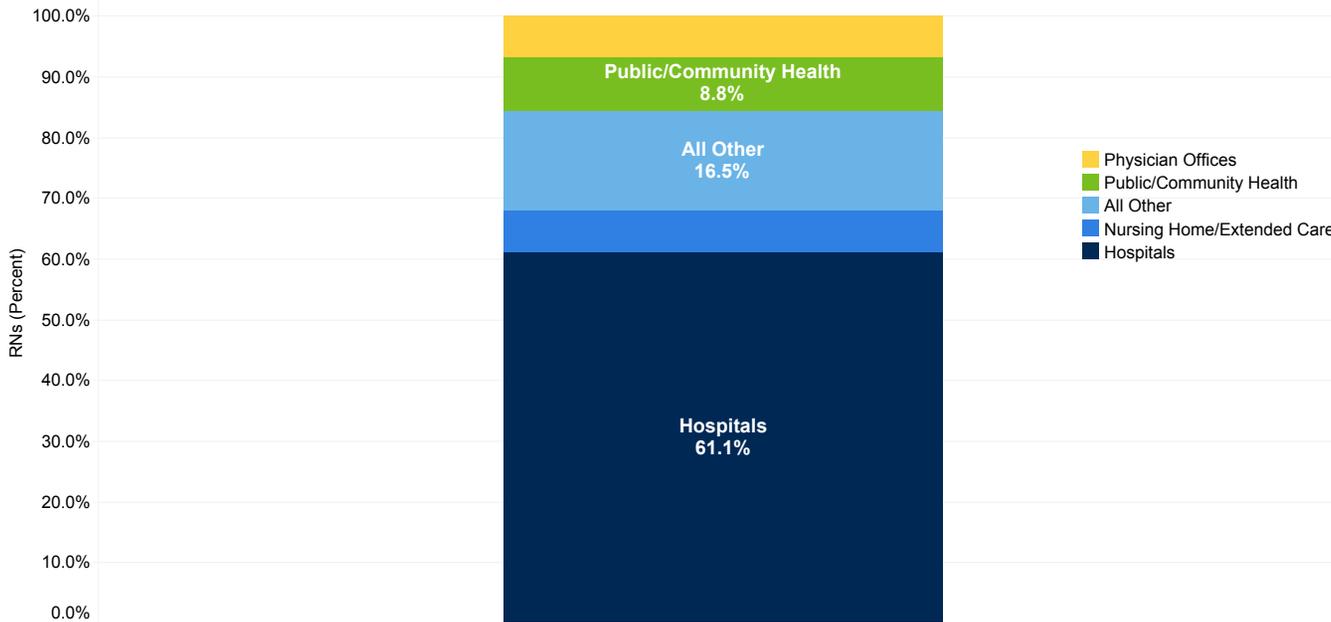
Chart 5.7 in 2014 and earlier years' Chartbooks.

Chart 5.9: Percent Distribution of RN Workforce by Age Group, 2017



Source: National Council of State Boards of Nursing. National Nursing Workforce Study 2017, [https://www.journalofnursingregulation.com/article/S2155-8256\(18\)30131-5/pdf](https://www.journalofnursingregulation.com/article/S2155-8256(18)30131-5/pdf)

Chart 5.10: RN Employment by Type of Provider, 2017



Source: Email correspondence with the Bureau of Labor Statistics.

(1) Category includes general medical and surgical hospitals, psychiatric and substance abuse hospitals and specialty hospitals.

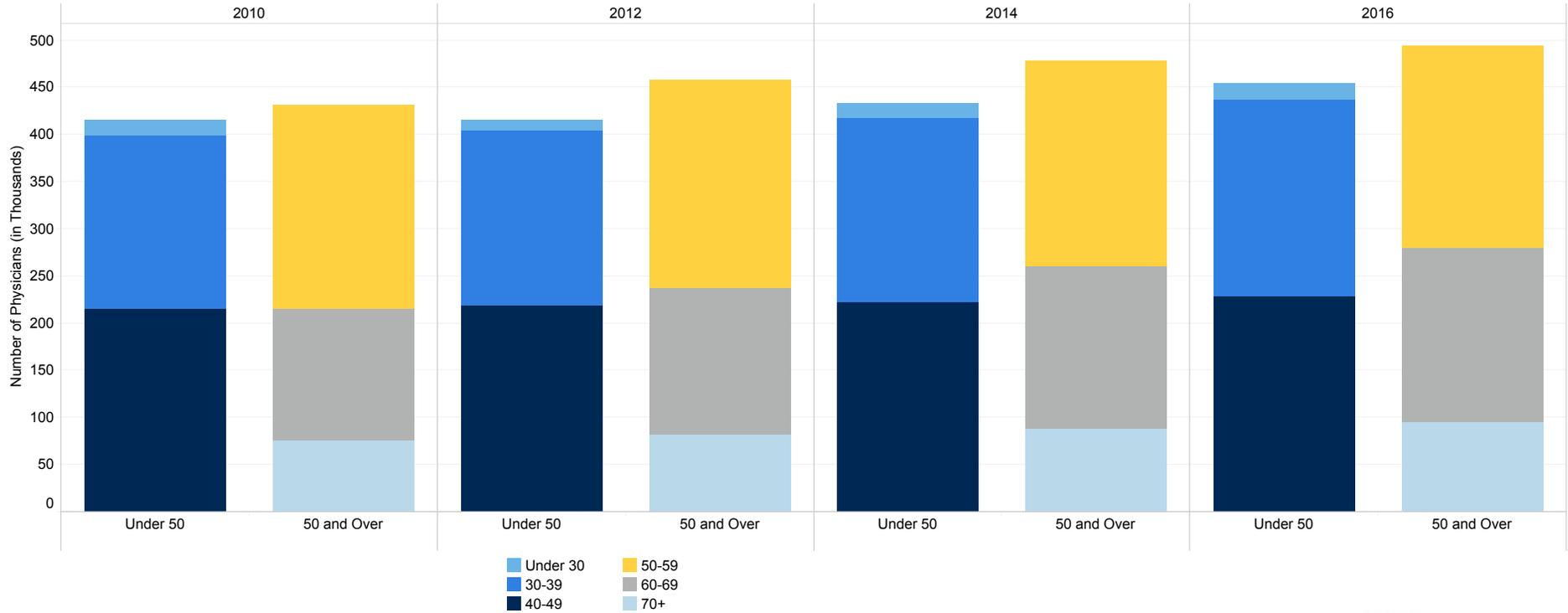
(2) Category includes nursing care facilities, residential care facilities, continuing care retirement communities and assisted living facilities and other residential care facilities.

(3) Category includes home healthcare services, elementary and secondary schools, individual and family services, community food and housing services and vocational rehabilitation services.

(4) Category includes but is not limited to offices of dentists and other health practitioners, state and local government designations, outpatient care centers, educational support services, health and personal care stores, insurance carriers, junior colleges, colleges, universities, professional schools, technical and trade schools and other schools and instruction.

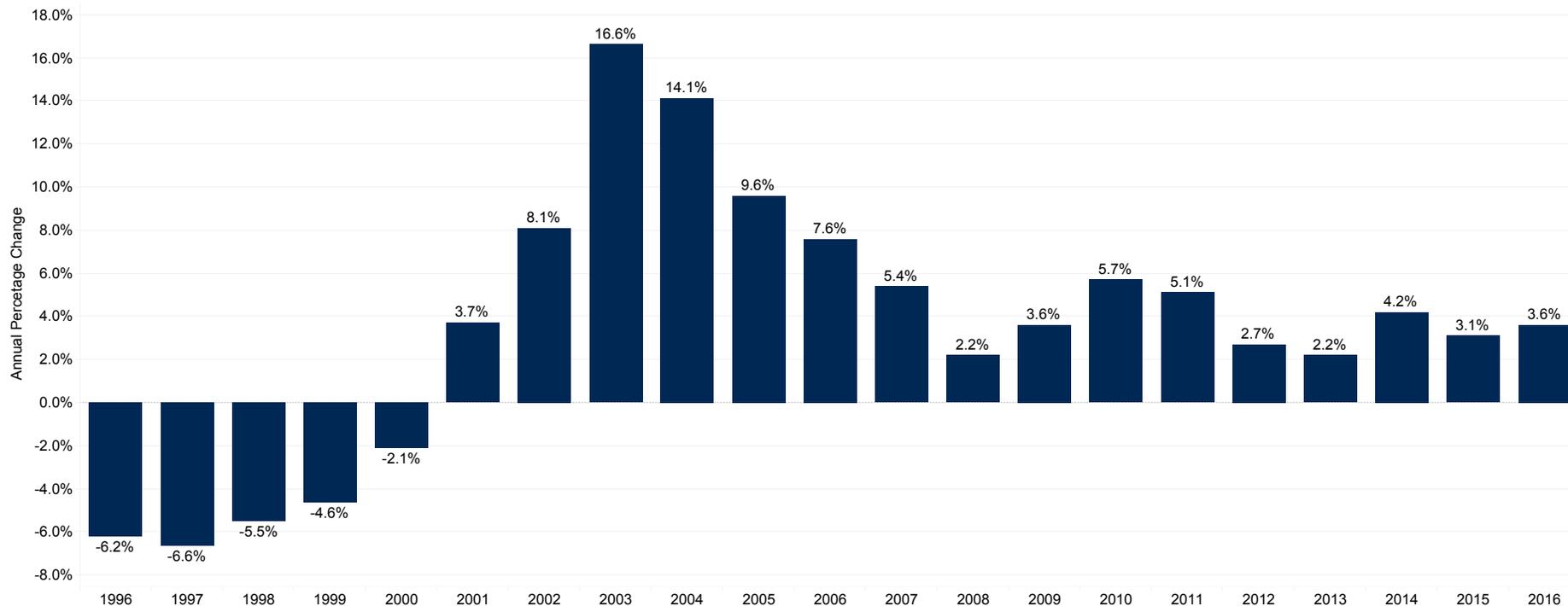
Chart added in 2016.

Chart 5.11: Number of Physicians by Age, 2010, 2012, 2014 and 2016



Source: Federation of State Medical Boards (FSMB). 2016 FSMB Census of Licensed Physicians.
 (1) Includes actively licensed physicians. Resident physician licenses were excluded when such licenses could be identified.
 Chart 5.11 was previously based on American Medical Association. (2015 Edition). Physician Characteristics and Distribution in the U.S.

Chart 5.12: Annual Percentage Change in Entry Level Baccalaureate Nursing Enrollment, 1996 - 2016



Source: Email correspondence with the American Association of Colleges of Nursing. Chart 5.11 in 2014 and earlier years' Chartbooks.

Chart 5.8 - RN FTE as a Percentage of T..

Chart 5.9 - Percent Distribution of RN Workforce by Age..

Chart 5.10 - RN Employment by Type of Provider

Chart 5.11 - Number of Physicians by Age

Chart 5.12 - Annual Percentage Change in Entry L..

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Chart 6.2 - Number of Full-Time and Part-Time Hospita..

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Chart 6.4 - Hospital Employment vs. Employment in Ot..

Chart 6.5 - Average Weekly Earnings of Workers, Hospital..



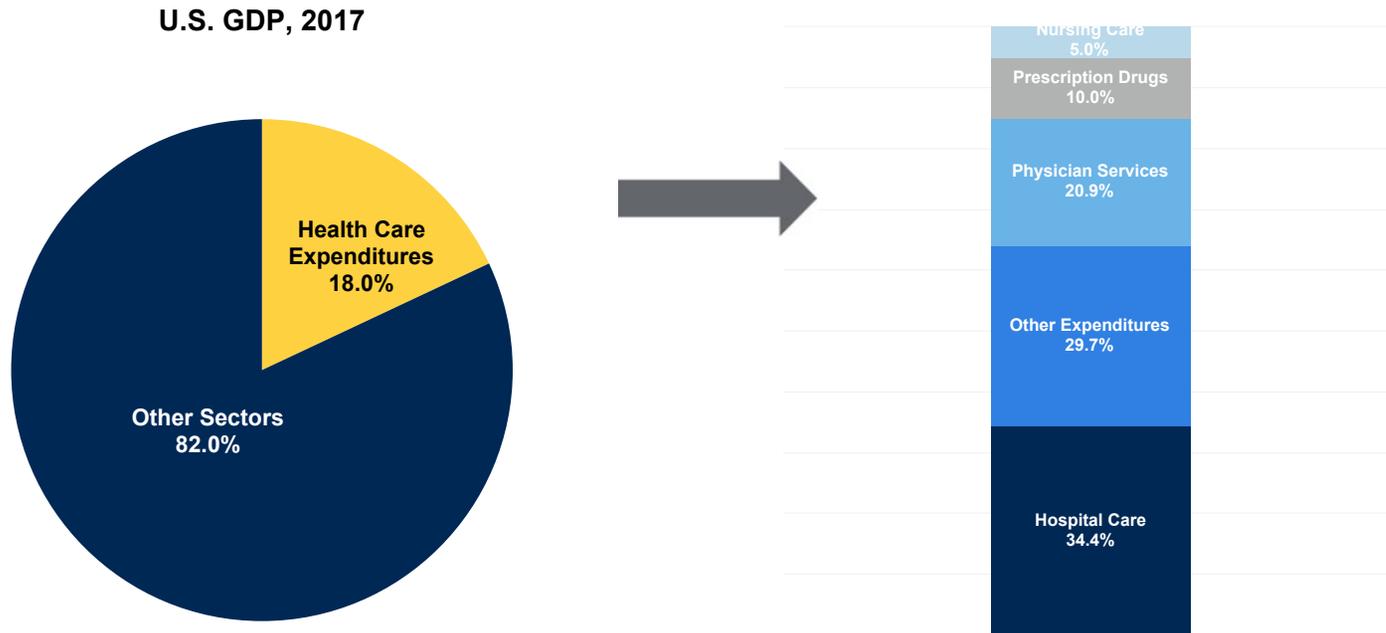
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Chapter 6

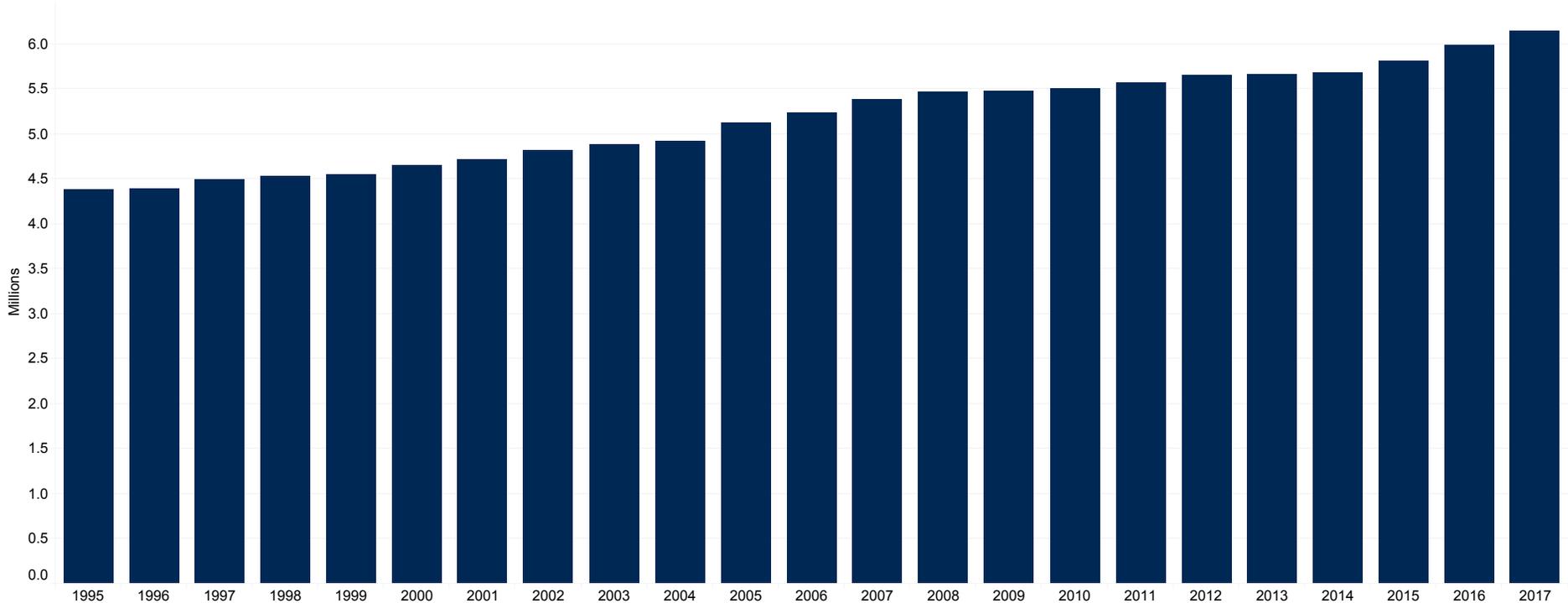
The Economic Contribution of Hospitals

Chart 6.1: National Health Expenditures as a Percentage of Gross Domestic Product and Breakdown of National Health Expenditures, 2017



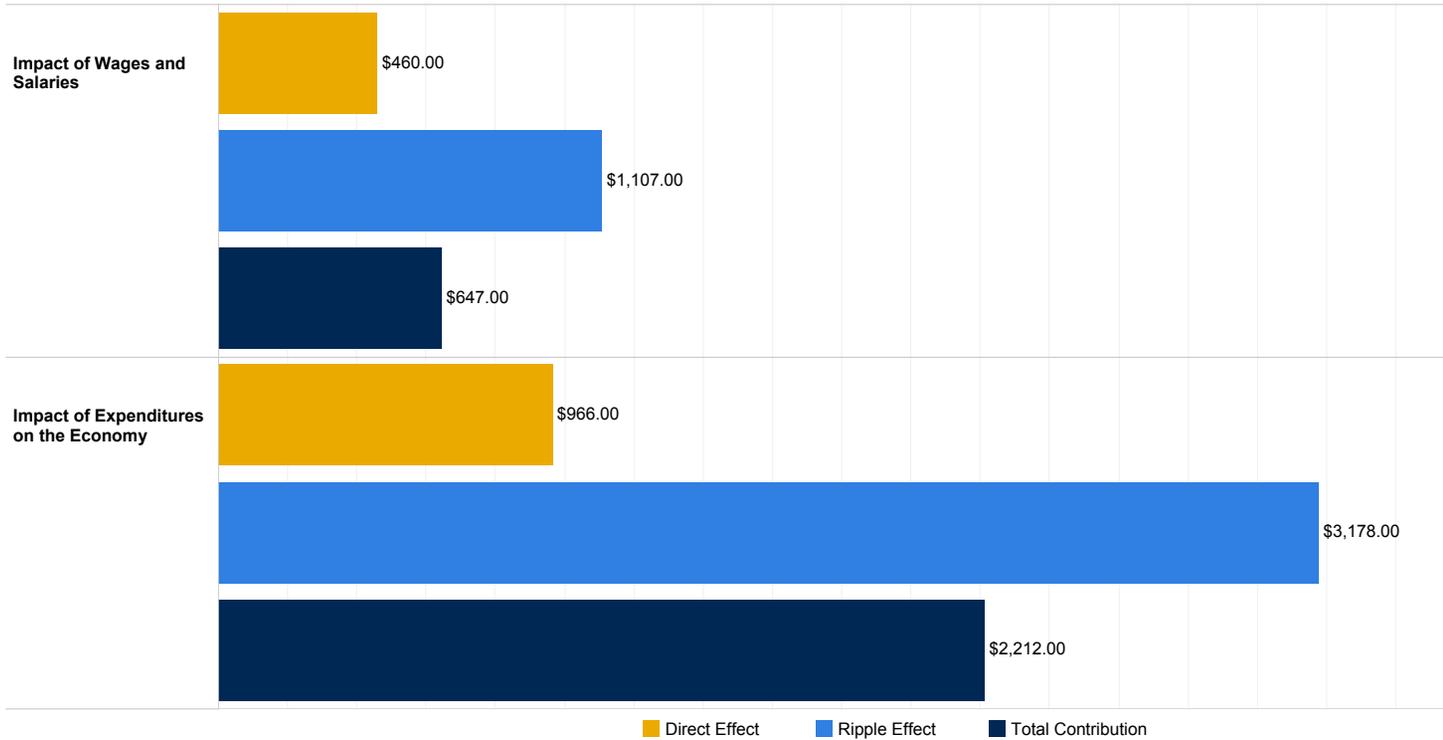
Source: Centers for Medicare & Medicaid Services, Office of the Actuary. Data released December 6, 2018.
(1) Percentages were rounded, so they may not sum to 100 percent.

Chart 6.2: Number of Full-time and Part-time Hospital Employees, 1995 – 2017



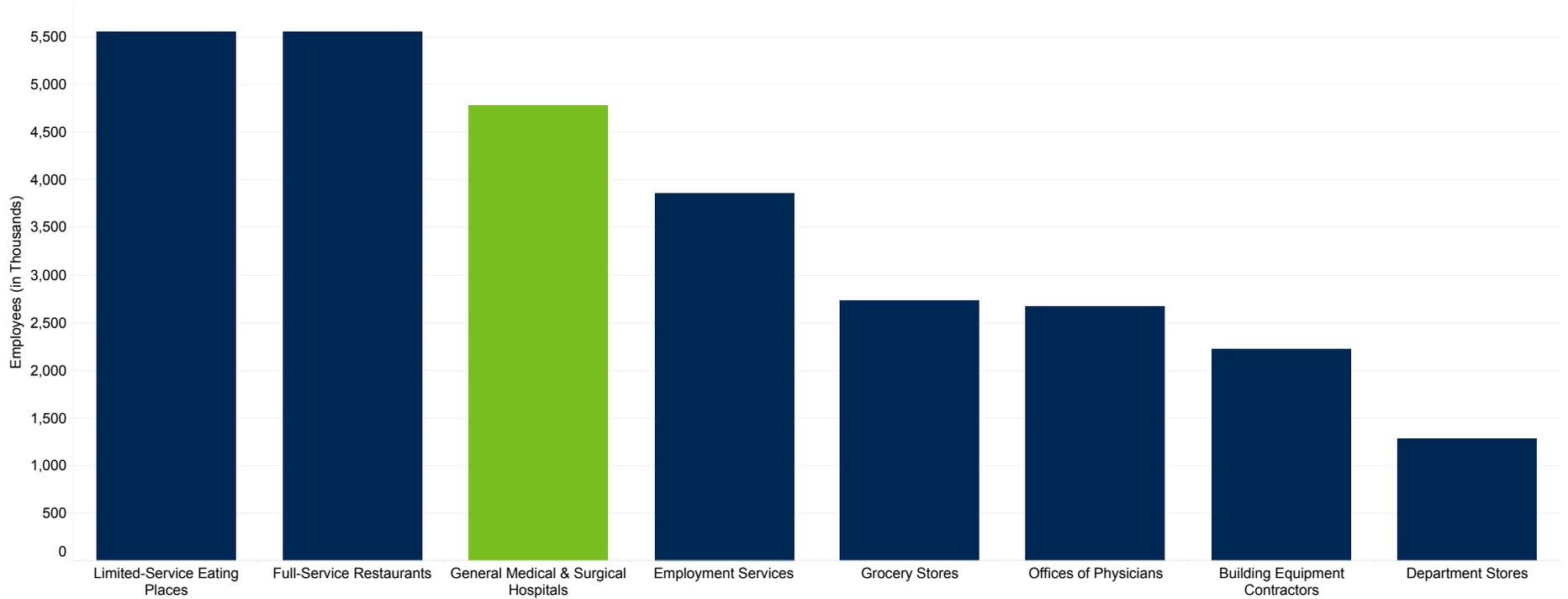
Source: Analysis of American Hospital Association Annual Survey data, 2017, for community hospitals

Chart 6.3: Impact of Community Hospitals on U.S. Economy (in \$ Billions), 2017



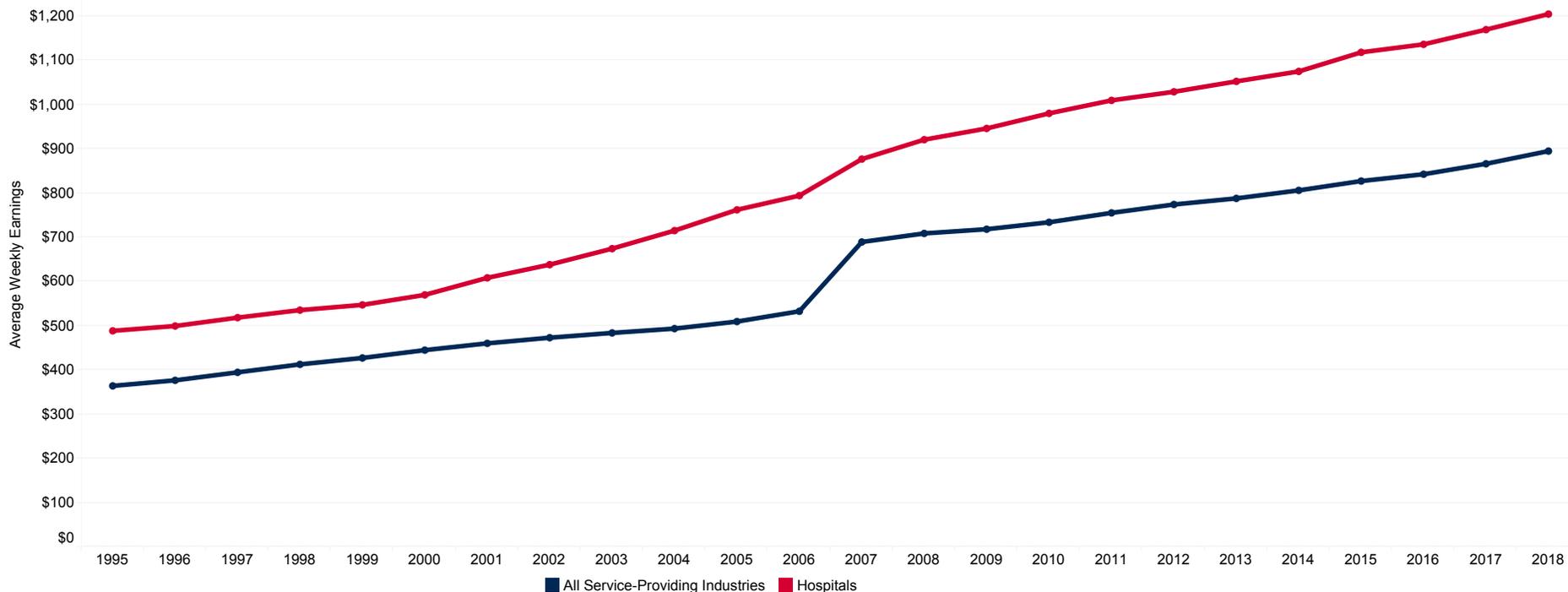
Source: Analysis, using BEA RIMS-II (1997/2006) multipliers, released in 2008, applied to 2017 American Hospital Association Annual Survey data. Note: Multipliers released in 2010 and subsequent years no longer include the national level multipliers needed for this chart. The sum of the direct and ripple effect may be less than or greater than the total contribution due to rounding.

Chart 6.4: Hospital Employment⁽³⁾ vs. Employment in Other Industries, 2017



Source: Department of Labor, Bureau of Labor Statistics, Current Employment Statistics (CES) Survey, customized tables. Data released 2019. <http://www.bls.gov/ces>.
(1) Does not include public hospitals.

Chart 6.5: Average Weekly Earnings of Workers, Hospitals⁽¹⁾⁽²⁾ vs. All Service-Providing Industries, 1995 - 2018

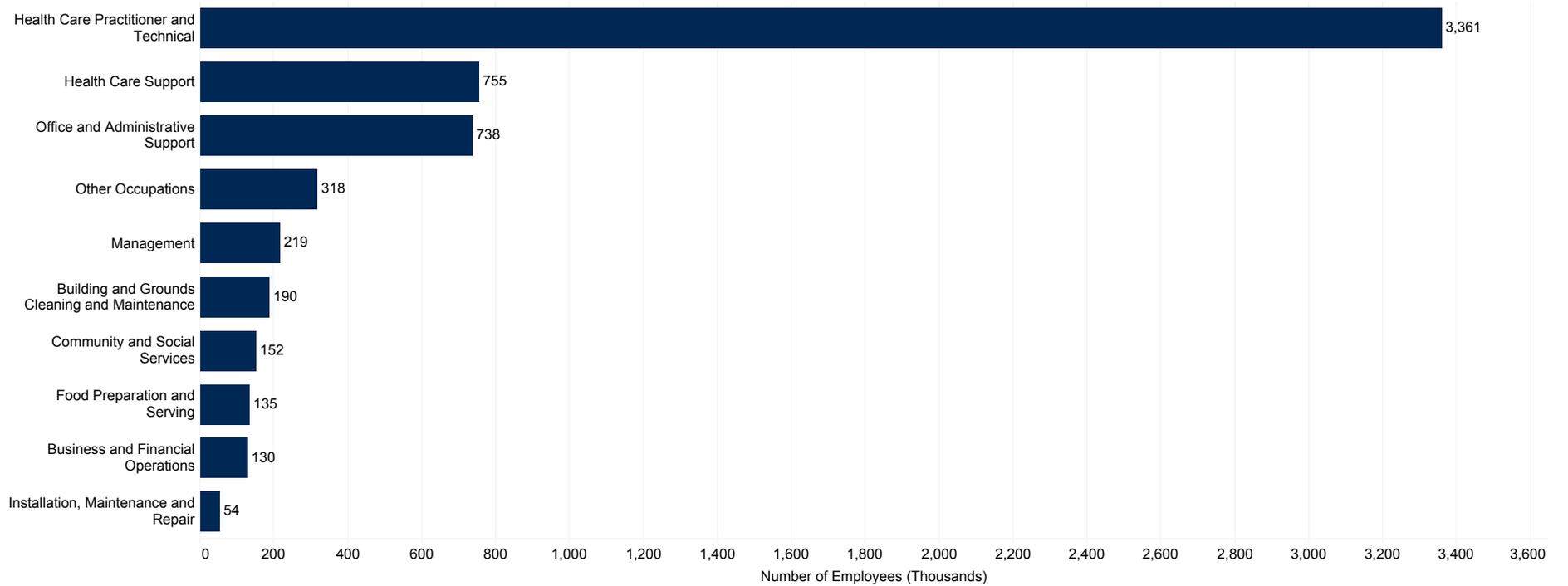


Source: Department of Labor, Bureau of Labor Statistics, Current Employment Statistics (CES) Survey, customized tables. Data released 2019 <http://www.bls.gov/ces>.

(1) Includes physicians employed by hospitals.

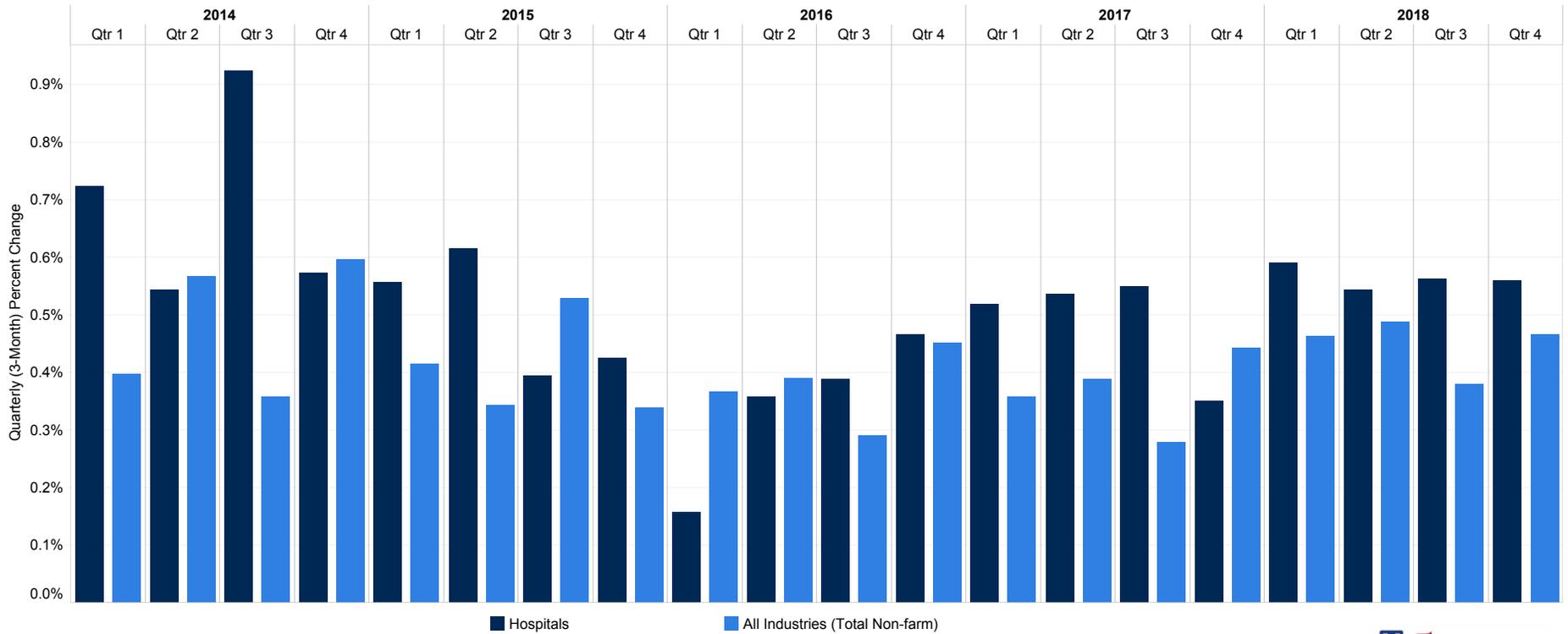
(2) Does not include public hospitals.

Chart 6.6: Hospital Employment by Occupation Type, 2017



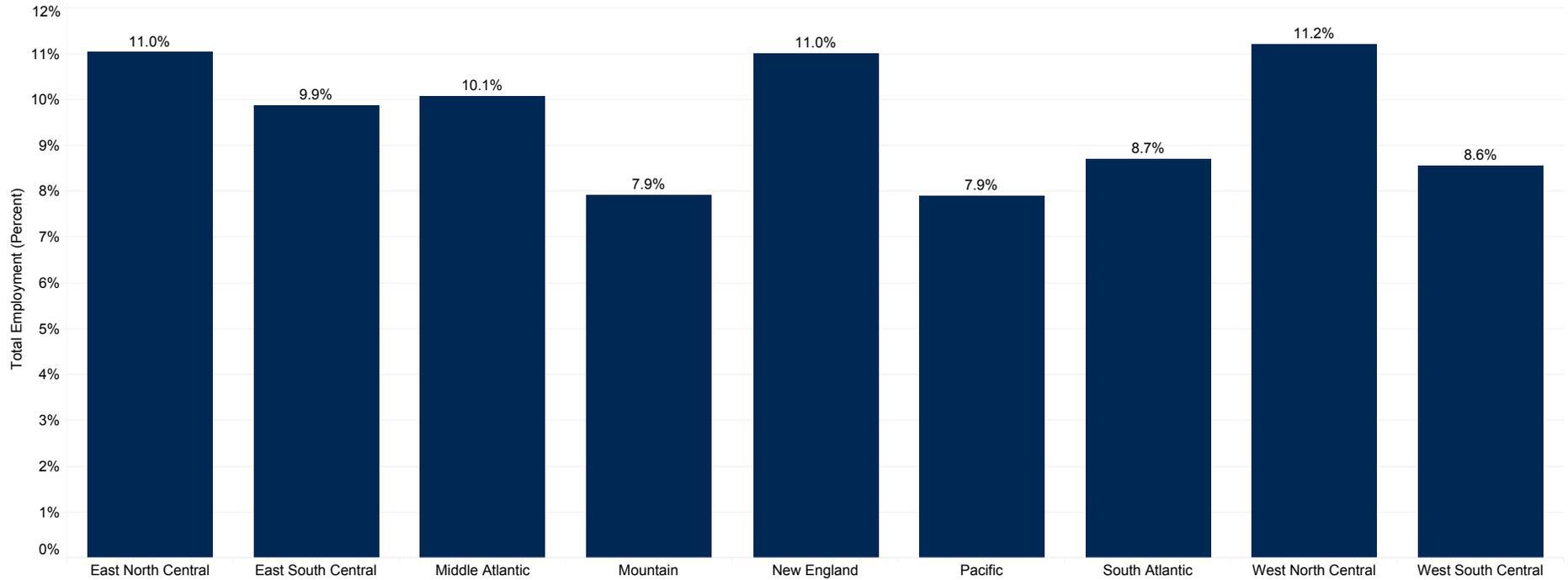
Source: Department of Labor, Bureau of Labor Statistics, National Industry-Specific Occupational Employment and Wage Estimates. Data released May 2018. https://www.bls.gov/oes/current/naics3_622000.htm
(1) Does not include public hospitals.

Chart 6.7: Percent Change in Employment, Seasonally-adjusted: Hospital⁽¹⁾ vs. All Industries (Total Non-farm), 2015 – 2018



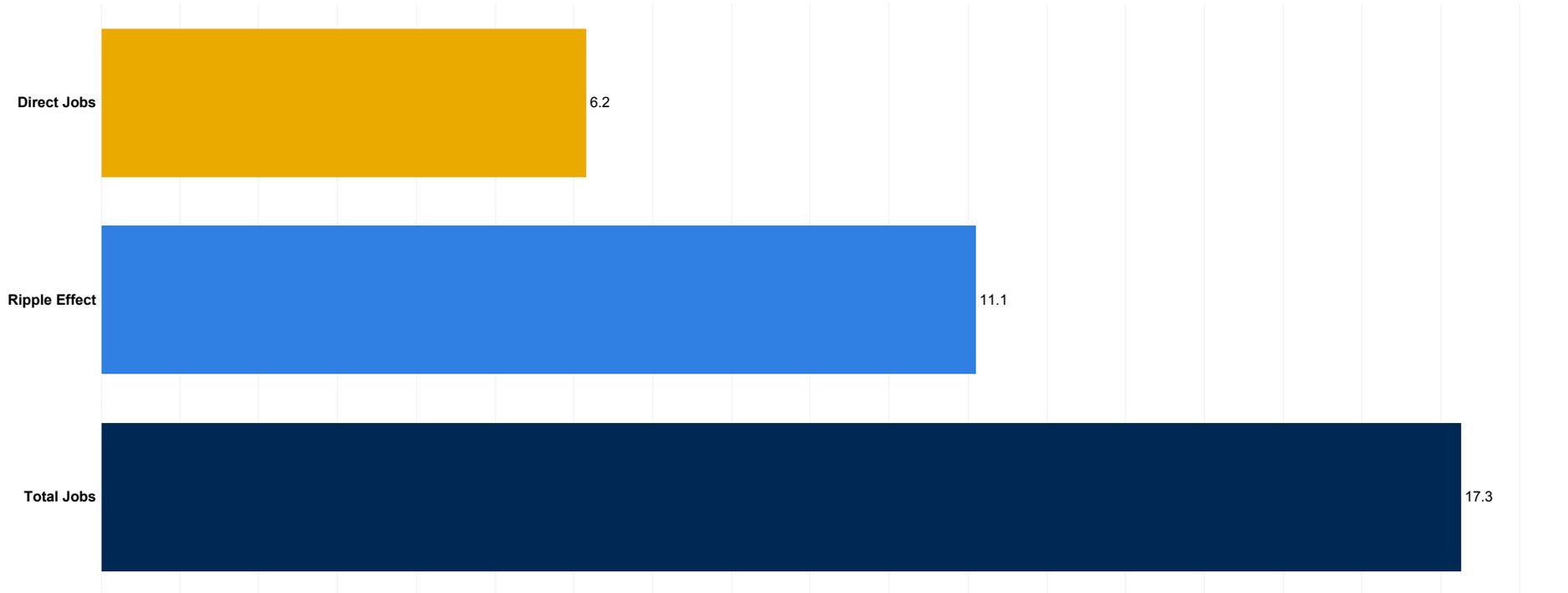
Source: Department of Labor, Bureau of Labor Statistics. Data released 2018. <http://www.bls.gov/ces>.
 (1) Does not include public hospitals.

Chart 6.8: Percent of Total Regional Employment by Hospitals, 2017



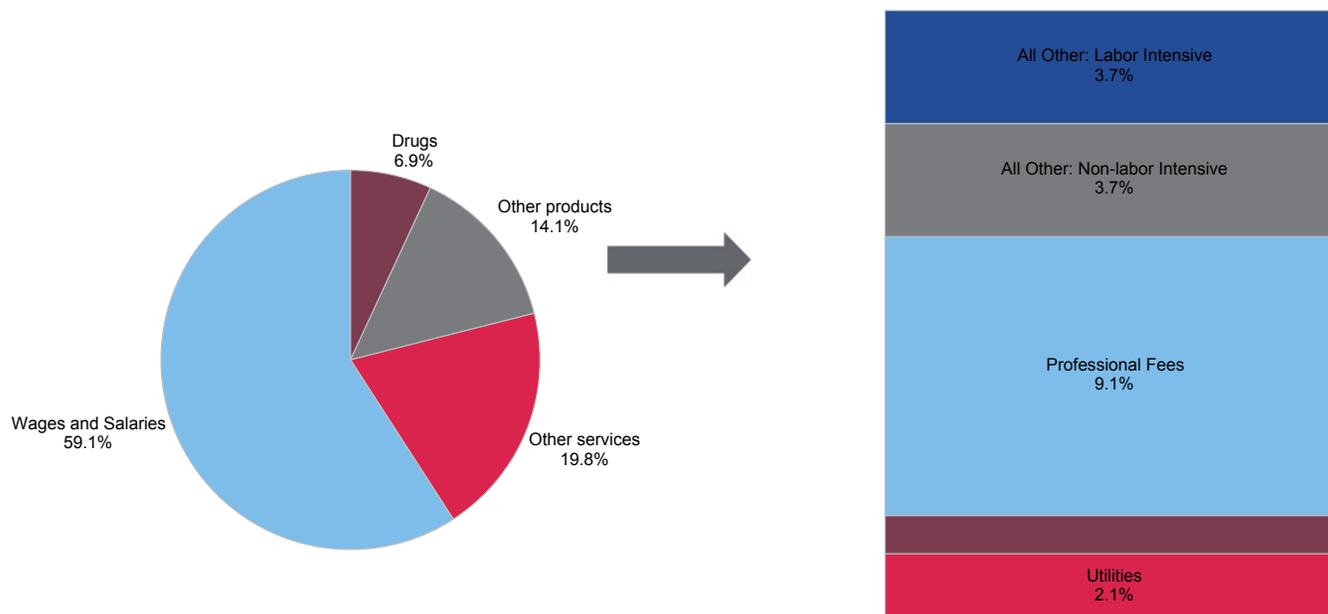
Source: Analysis of American Hospital Association Annual Survey 2017 data and 2017 total non-farm employment data from the Bureau of Labor Statistics.
(1) Does not include farm employment.

Chart 6.9: Impact of Community Hospitals on U.S. Jobs (in millions), 2017



Source: Analysis, using BEA RIMS-II (1997/2006) multipliers, released in 2008, applied to 2017 American Hospital Association Annual Survey data. Note: Multipliers released in 2010 and subsequent years no longer include the national level multipliers needed for this chart. The sum of the direct and ripple effect may be less than or greater than the total contribution due to rounding.

Chart 6.10: Percent of Costs by Category in the Inpatient Prospective Payment System Hospital Market Basket, 2016



Source: AHA analysis of Centers for Medicare and Medicaid Services data, using base year 2014 weights.

(1) Does not include capital.

(2) Includes postage and telephone expenses.

Note: Base year 2014 Inpatient Prospective Payment System Market Basket weights do not incorporate impact of prescription drug price growth after the measurement period.

Chart 6.11: Hospital Impact on Sectors of the U.S. Economy (in \$ billions), 2017

Industries	
Health care and social assistance	\$1,118.09
Manufacturing	\$476.15
Real estate and rental and leasing	\$300.97
Finance and insurance	\$203.10
Professional, scientific, and technical services	\$132.08
Retail trade	\$129.86
Wholesale trade	\$104.06
Information	\$103.96
Transportation and warehousing	\$98.94
Administrative and waste management services	\$98.46
Accommodation and food services	\$81.64
Other services	\$79.62
Management of companies and enterprises	\$63.87
Utilities	\$56.52
Agriculture, forestry, fishing, and hunting	\$46.67
Educational services	\$25.60
Arts, entertainment, and recreation	\$22.71
Mining	\$20.10
Construction	\$15.75
Total	\$3,178.14

Source: Analysis, using BEA RIMS-II (1997/2006) multipliers, released in 2008, applied to 2017 American Hospital Association Annual Survey data. Note: Multipliers released in 2010 and subsequent years no longer include the national level multipliers needed for this chart.
 (1) Industries may not sum to total due to rounding.

Chart 6.12: Impact of Community Hospitals on U.S. Economy; All States, DC, and Total U.S., 2017

State Name	Number of Hospital Jobs (FT and PT)	Multiplier for Employment	Effect of Hospital Jobs on Total Jobs in ..	Percent of Total Employment ..	Hospital Payroll and Benefits (\$ millio..	Multiplie r for E arning s	Effect of Hospital Payroll and Benefits on Total Labor..	Multiplie r for Out put	Effect of Hospital Expenditures on Total Output in State Econo..
U.S.	6,151,392	2.8048	17,253,424	11.86%	\$460,493	2.4031	\$1,106,612	3.2896	\$3,178,425
Alabama	92,924	2.1169	196,711	9.83%	\$5,331	1.7037	\$9,083	1.9624	\$22,758
Alaska	13,310	1.8375	24,457	7.89%	\$1,342	1.5034	\$2,018	1.6847	\$4,452
Arizona	91,249	2.3604	215,384	7.72%	\$6,981	1.8444	\$12,875	2.144	\$33,216
Arkansas	57,592	1.9245	110,836	9.06%	\$3,441	1.6036	\$5,518	1.8265	\$13,466
California	590,720	2.2946	1,355,466	8.03%	\$55,104	1.8917	\$104,240	2.2403	\$248,455
Colorado	86,150	2.4431	210,473	7.93%	\$6,409	1.9477	\$12,484	2.3088	\$32,950
Connecticut	70,454	2.0148	141,951	8.54%	\$5,227	1.7206	\$8,993	2.006	\$23,368
DC	30,851	1.4004	43,204	5.49%	\$2,423	1.2775	\$3,095	1.3038	\$6,118
Delaware	23,384	2.0209	47,257	10.57%	\$1,921	1.6055	\$3,084	1.8608	\$6,234
Florida	327,942	2.3749	778,829	9.01%	\$22,645	1.8666	\$42,270	2.1695	\$106,555
Georgia	160,066	2.4712	395,555	8.90%	\$11,211	1.9637	\$22,016	2.3259	\$57,448
Hawaii	18,521	2.1304	39,457	6.04%	\$1,846	1.6559	\$3,057	1.913	\$7,152
Idaho	34,393	2.1372	73,505	10.30%	\$2,625	1.6109	\$4,229	1.81	\$9,665
Illinois	268,127	2.3903	640,904	10.78%	\$17,847	2.0034	\$35,755	2.4119	\$94,634
Indiana	138,452	2.1345	295,526	9.65%	\$9,856	1.811	\$17,850	2.1338	\$47,403
Iowa	71,501	1.956	139,856	9.03%	\$4,571	1.6286	\$7,445	1.8602	\$17,443
Kansas	64,478	2.0441	131,799	9.47%	\$4,438	1.7094	\$7,587	2.0112	\$17,533
Kentucky	87,784	2.0919	183,635	9.69%	\$6,013	1.7301	\$10,402	2.0211	\$27,338
Louisiana	98,904	2.0276	200,538	10.28%	\$6,038	1.6743	\$10,110	1.8915	\$27,027
Maine	40,467	2.2283	90,173	14.99%	\$2,942	1.7339	\$5,101	1.9861	\$11,046
Maryland	105,106	2.0861	219,262	8.22%	\$7,533	1.7612	\$13,267	2.0473	\$32,611
Massachusetts	191,806	2.1807	418,271	11.82%	\$13,837	1.8146	\$25,108	2.1216	\$63,523
Michigan	217,893	2.2154	482,720	11.18%	\$15,372	1.8037	\$27,727	2.0894	\$66,365
Minnesota	158,037	2.3259	367,578	12.72%	\$10,379	1.8864	\$19,578	2.2206	\$43,080
Mississippi	60,200	1.8200	110,360	10.00%	\$3,700	1.5000	\$6,000	1.8000	\$14,000

Source: Analysis, using BEA RIMS-II (2007/2016) multipliers for hospital NAICS Code 622000, released 2018, applied to American Hospital Association Annual Survey data for 2016. Hospital jobs are total part time and full time jobs. Hospital labor income is defined as payroll plus benefits. The percent of total employment supported by direct and indirect hospital employment is based on 2016 BLS data. Expenditures are defined as total expenditures minus bad debt. In previous years, expenditures were defined as net patient revenue plus other operating revenue.

*Multipliers released in 2010 and subsequent years no longer include the national level multipliers needed for the U.S. summary row. BEA RIMS-II (1997/2006) multipliers released in 2008 and applied to 2015 AHA annual survey data were used instead.

Chart 6.8 -
Percent of Total
Regional Emplo..

Chart 6.9 - Impact
of Community
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Chart 6.10 -
Percent of Costs by
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Chart 6.11 -
Hospital Impact on
Sectors of the U.S..

Chart 6.12 - Impact
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**Chapter 7 -
Community Health
Indicators**

Chart 7.1 : U.S.
Population Trends
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Chart 7.2 - U.S.
Population Trends
and Projections b..

Chart 7.3 -
Age-Adjusted
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Chart 7.4 -
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Chart 7.5 -
Prevalence of
Chronic Condition..



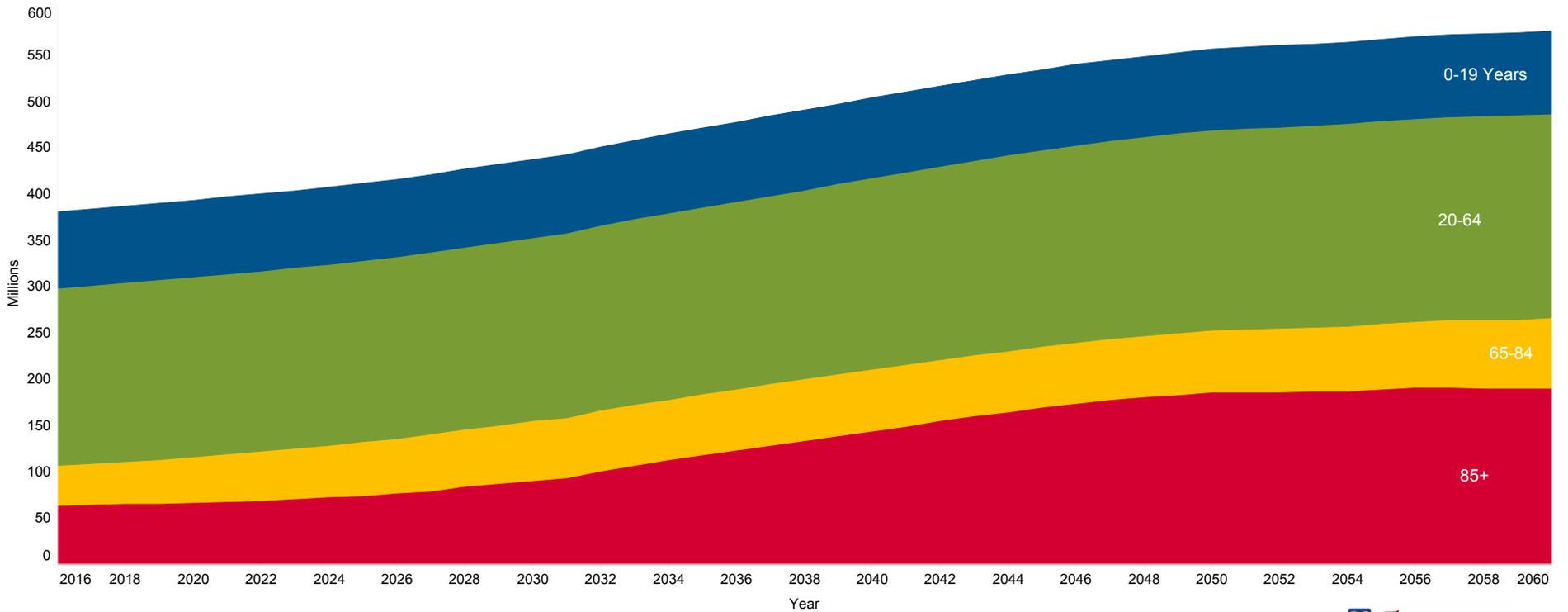
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Chapter 7

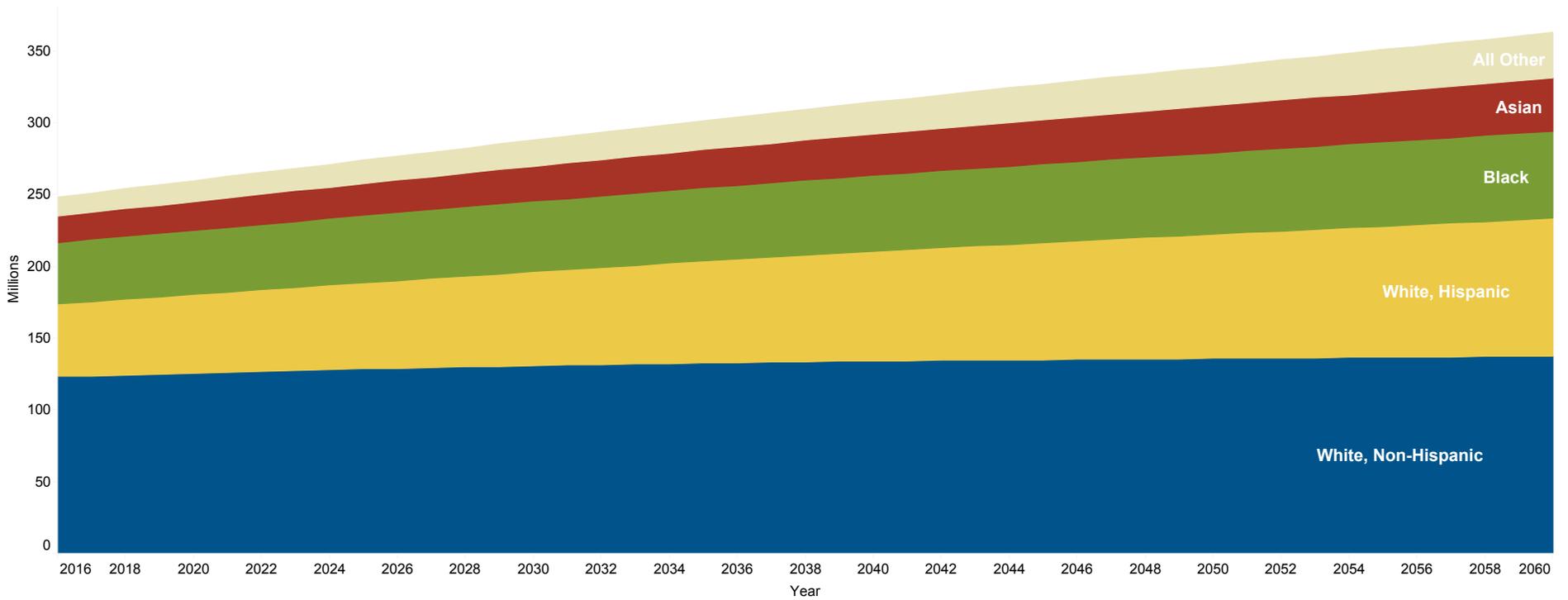
Community Health Indicators

Chart 7.1: U.S. Population Trends and Projections by Age, 2016 – 2060



Source: U.S. Department of Commerce, Bureau of the Census. *Projections of the Population by Sex and Age for the United States: 2015-2060.*

Chart 7.2: U.S. Population Trends and Projections by Race, 2016 – 2060

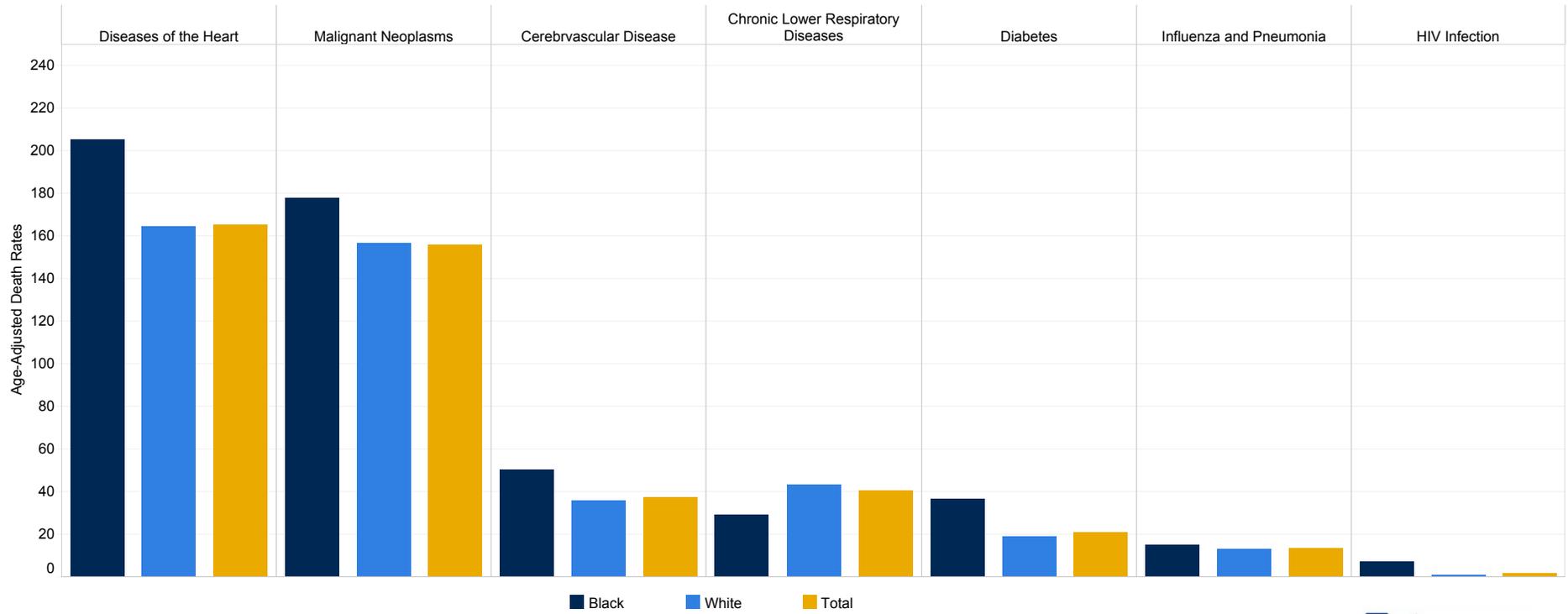


Source: U.S. Department of Commerce, Bureau of the Census. *Projections of the Population by Sex, Race, and Hispanic Origin for the United States: 2015-2060.*

(1) All other includes American Indian, Native Alaskan, Native Hawaiian, other Pacific Islander and two or more races.

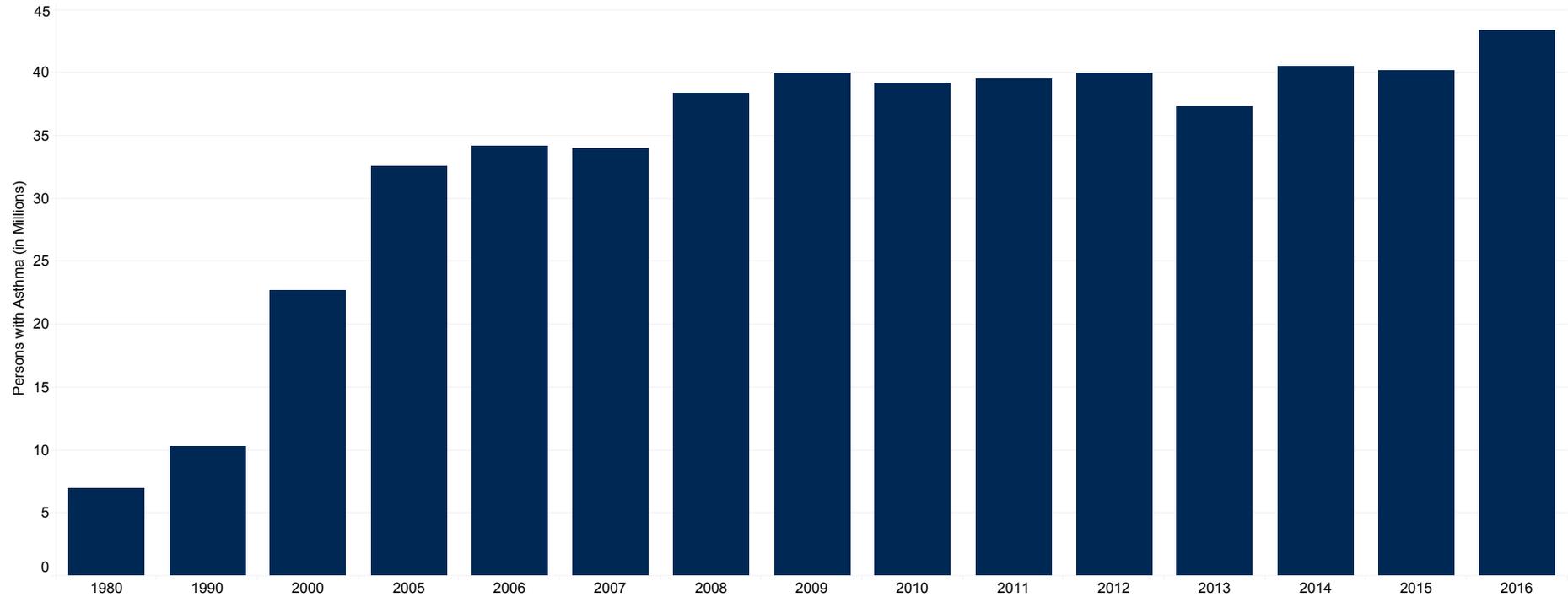
(2) Black, Asian and all other categories include Hispanic and non-Hispanic individuals

Chart 7.3: Age-Adjusted Death Rates, Selected Causes, by Race, 2016



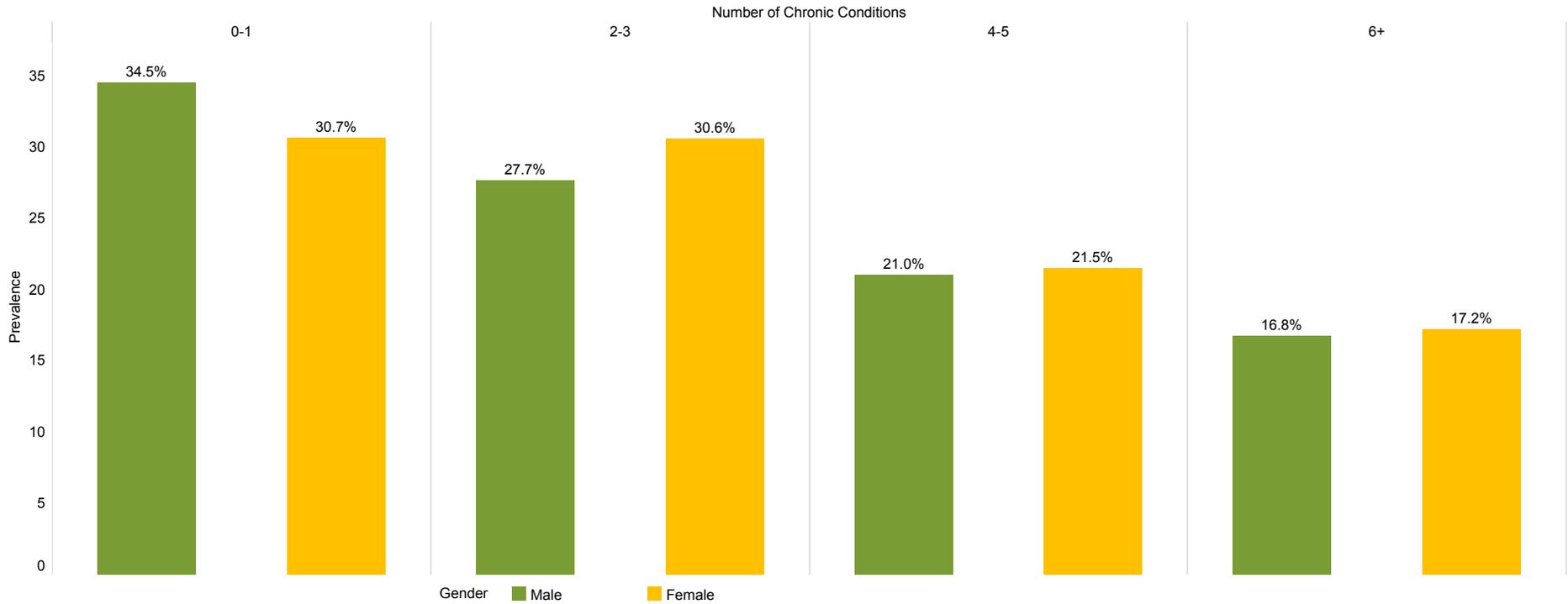
Source: National Center for Health Statistics. (2018). *Health, United States, 2017*. Hyattsville, MD.
(1) Racial categories include individuals of both Hispanic and non-Hispanic origin.

Chart 7.4: Number of Persons with Asthma, 1980 – 2016



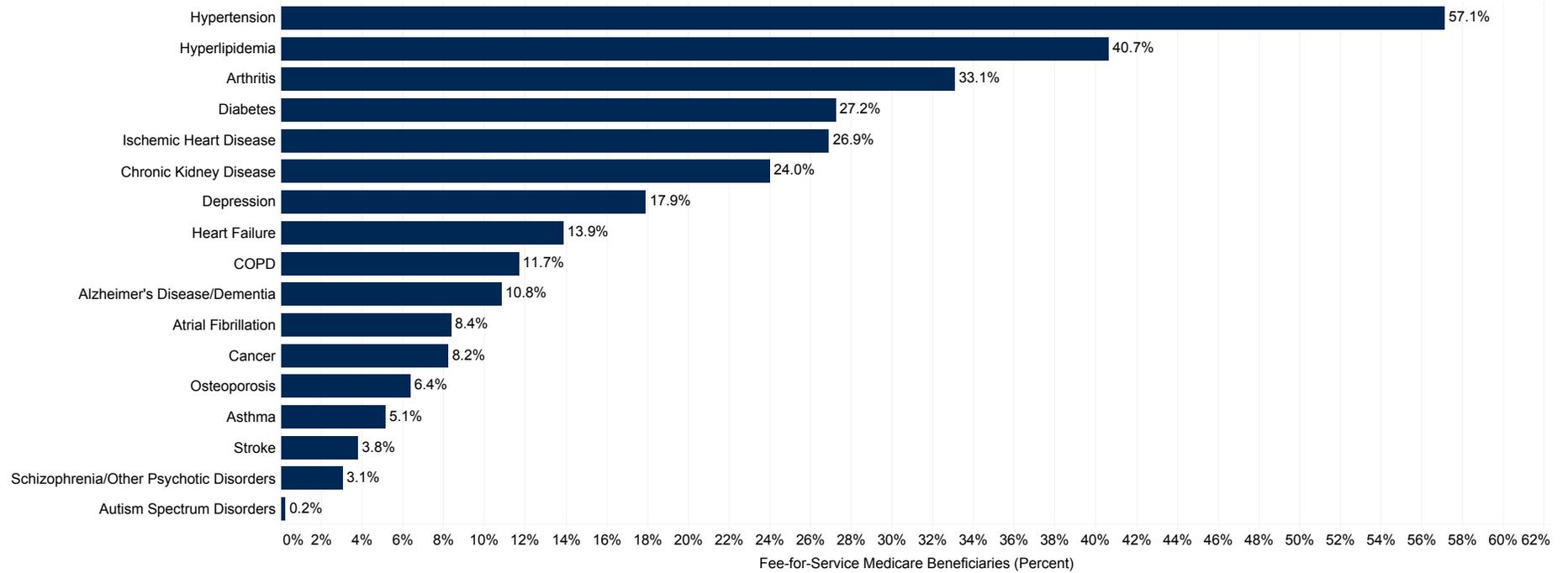
Source: Centers for Medicare & Medicaid Services, Multiple Chronic Conditions, https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Chronic-Conditions/MCC_Main.html

Chart 7.6: Prevalence of Chronic Conditions in Medicare Beneficiaries, by Gender, 2017



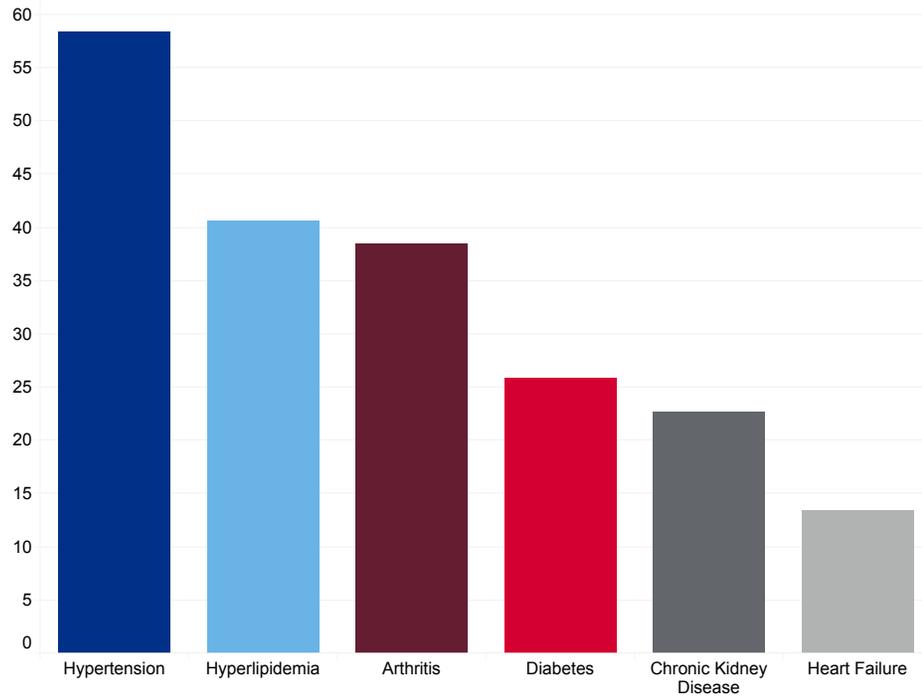
Source: National Center for Health Statistics. (2018). *Health, United States, 2017*. Hyattsville, MD.
(1) Racial categories include individuals of both Hispanic and non-Hispanic origin.

Chart 7.6: Percent of Fee-for-Service Medicare Beneficiaries with Chronic Conditions, 2017

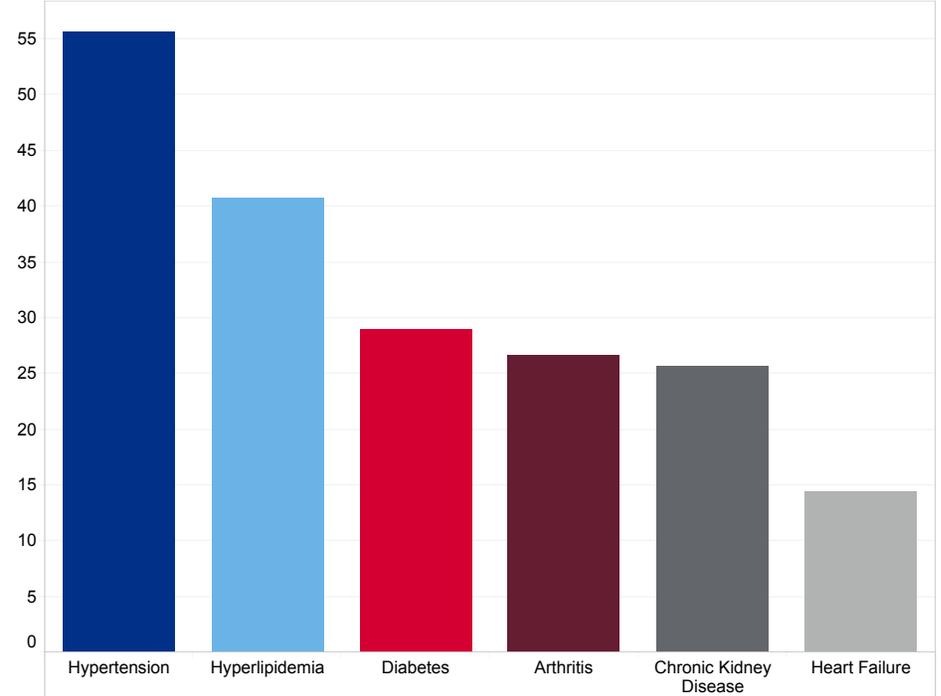


Source: Centers for Medicare & Medicaid Services, Multiple Chronic Conditions, https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Chronic-Conditions/MCC_Main.html

Chronic Disease Prevalence in Males, Medicare FFS, 2017

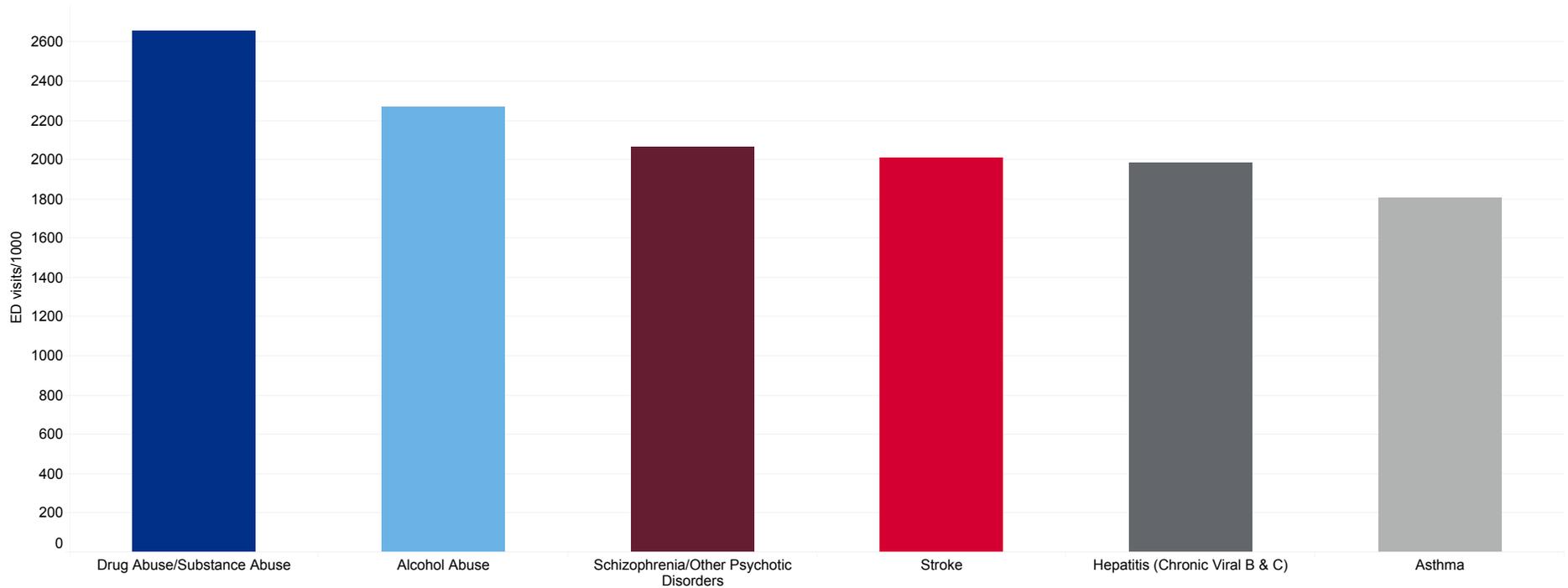


Chronic Disease Prevalence in Females, Medicare FFS, 2017



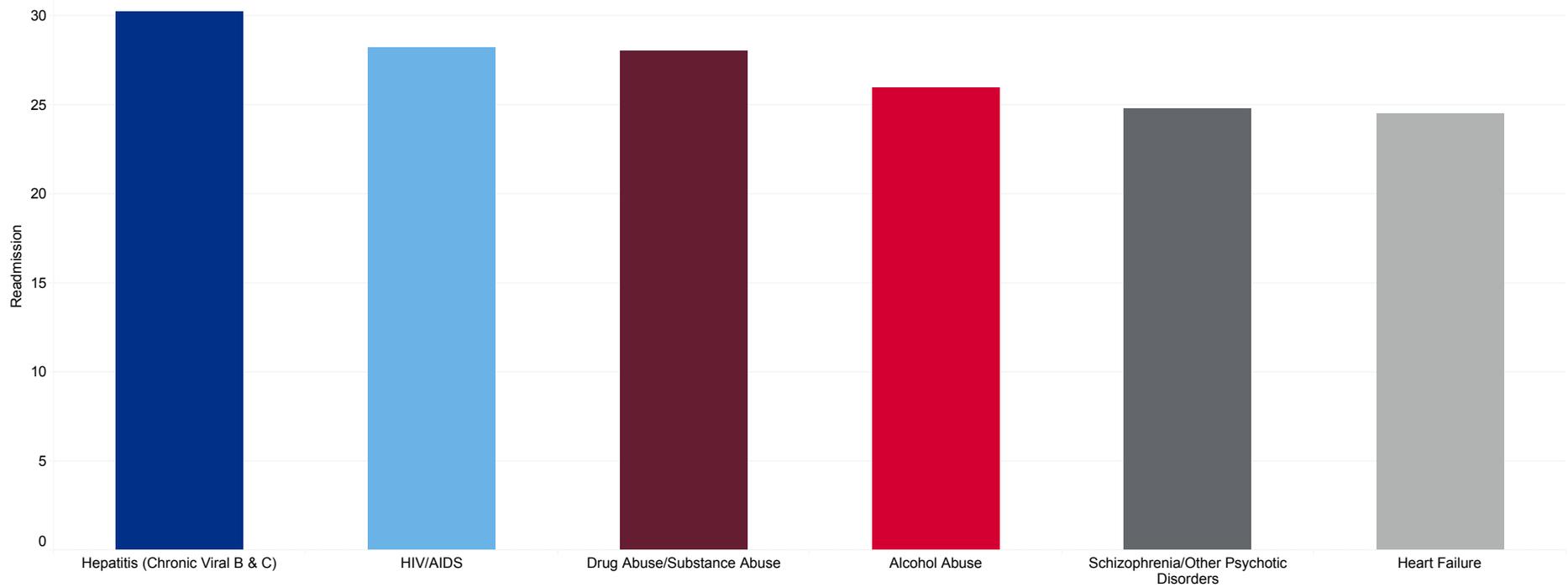
Source: Centers for Medicare & Medicaid Services, Multiple Chronic Conditions, https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Chronic-Conditions/MCC_Main.html

Chronic Disease Emergency Department Visits per 1000 Beneficiaries, 2017

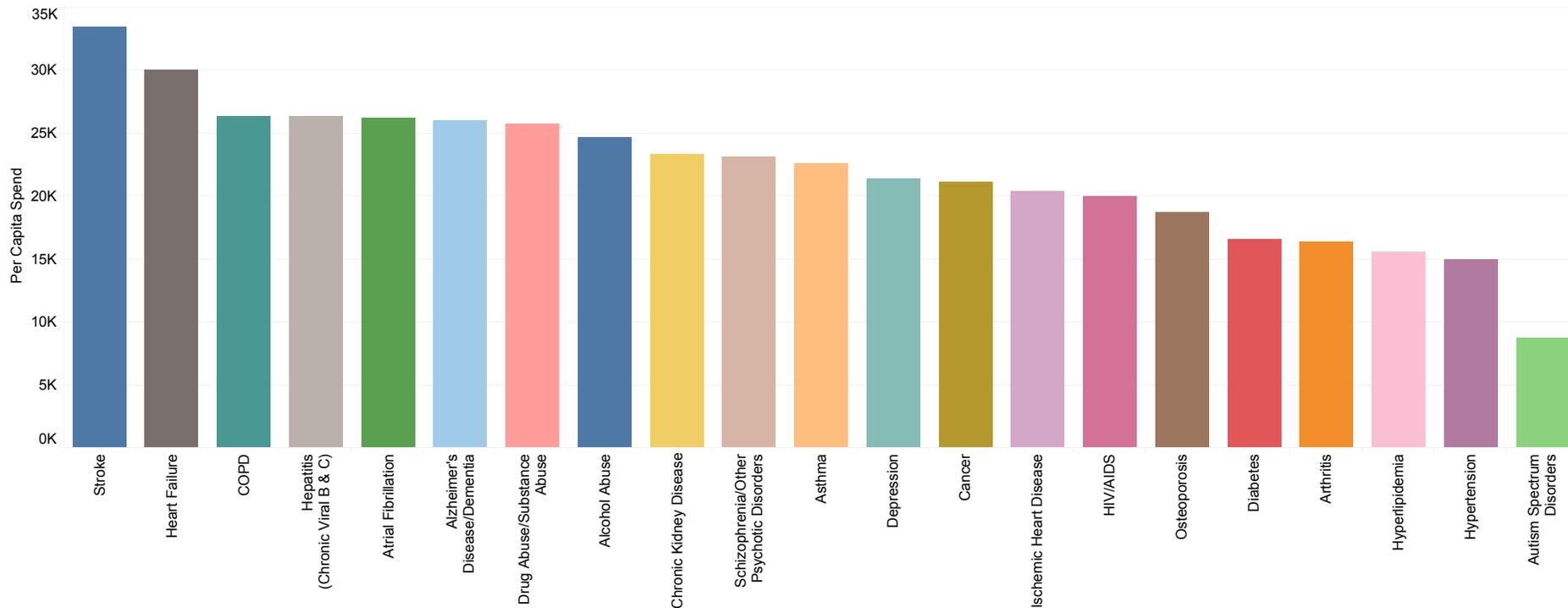


Centers for Medicare & Medicaid Services, Multiple Chronic Conditions, https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Chronic-Conditions/MCC_Main.html

Chronic Disease Readmissions, 2017

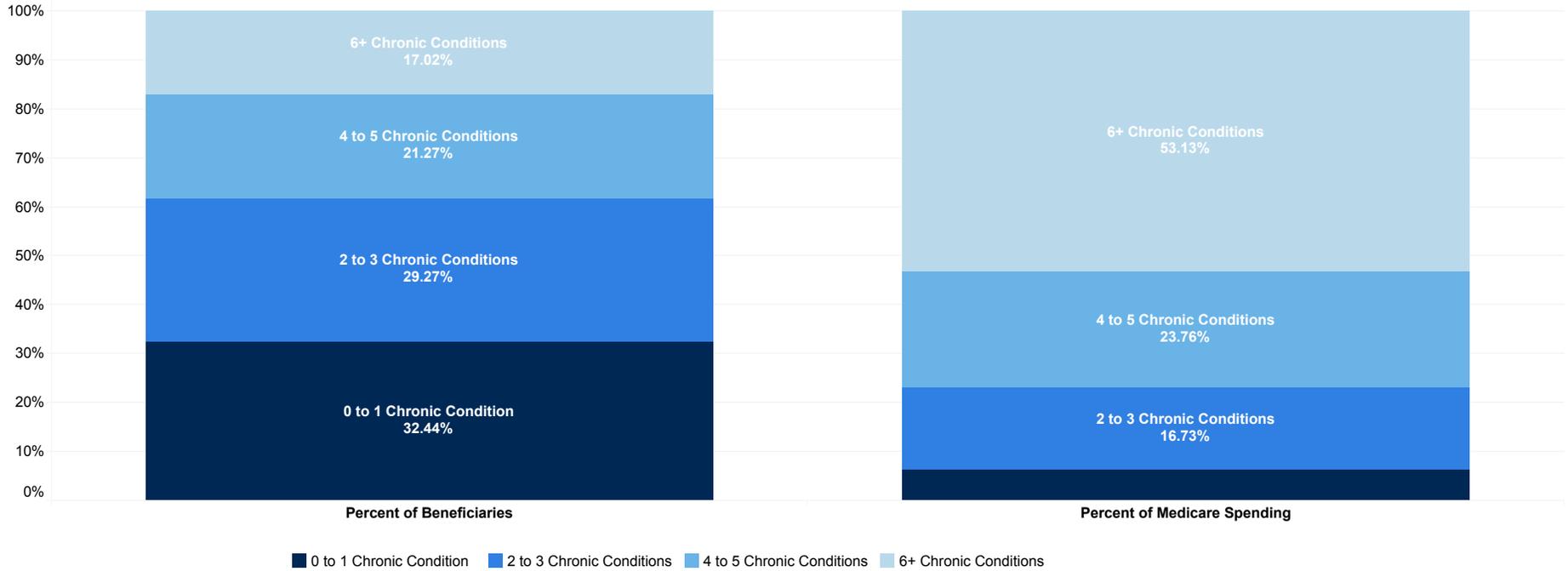


Chronic Disease Spending Per Capita, 2017



Source: National Center for Health Statistics. (2018). *Health, United States, 2017*. Hyattsville, MD.
(1) Racial categories include individuals of both Hispanic and non-Hispanic origin.

Chart 7.11: Percent of Medicare Fee-for-Service Beneficiaries vs. Percent of Medicare Spending, by Number of Chronic Conditions, 2016



Centers for Medicare & Medicaid Services. Medicare Chronic Condition Dashboard. Data released 2018. Available at: https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Dashboard/chronic-conditions-region/cc_region_dashboard.html.

Chart 7.12: Per Capita Spending on Chronic Conditions in Medicare Beneficiaries, in Males, 2017

Chart 7.12: Per Capita Spending on Chronic Conditions in Medicare Beneficiaries, in Females, 2017

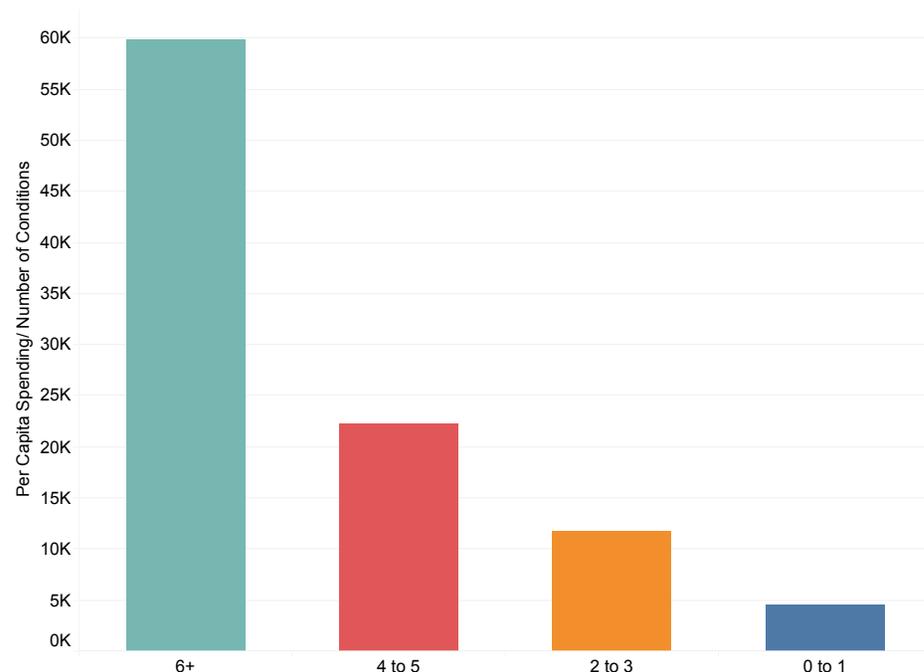
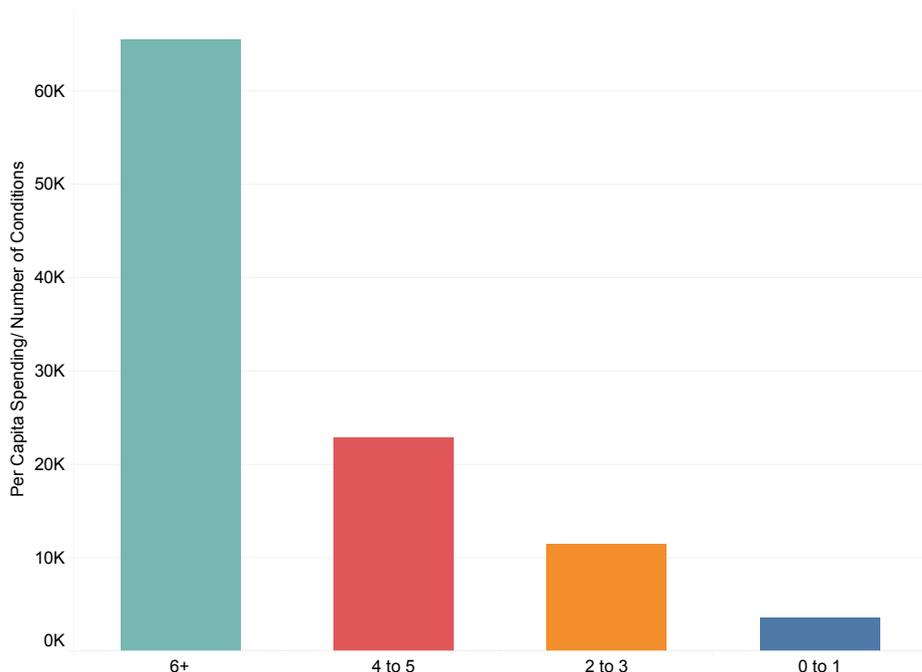
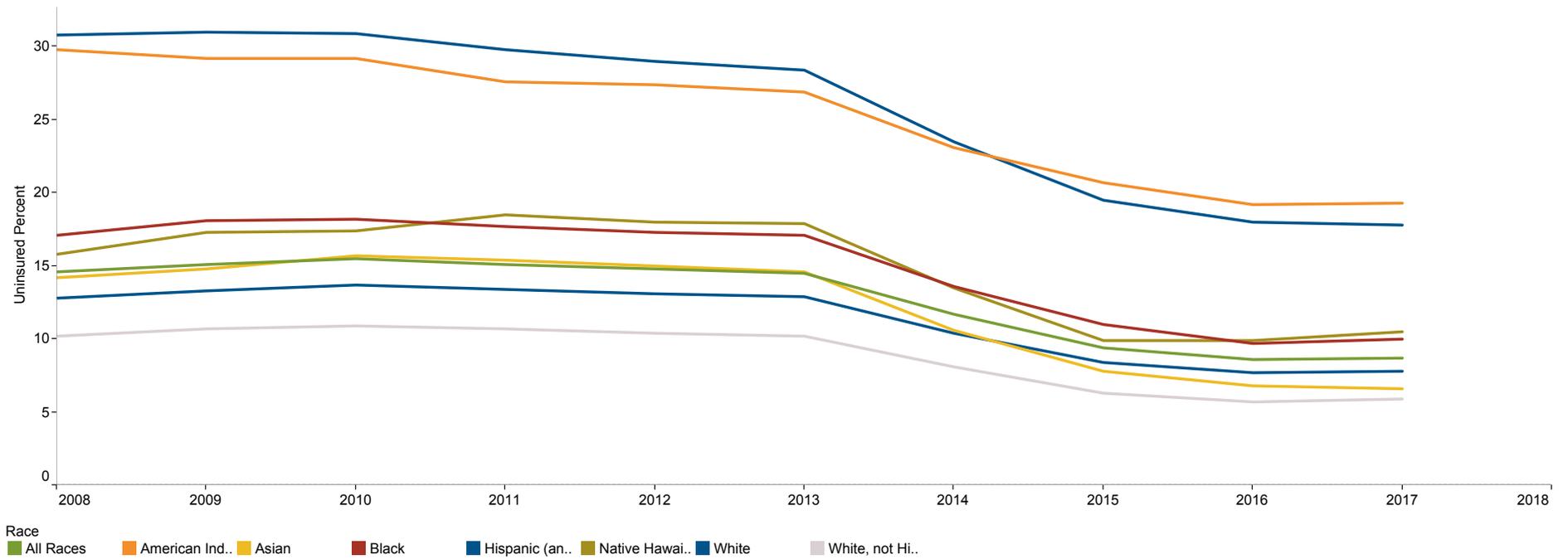
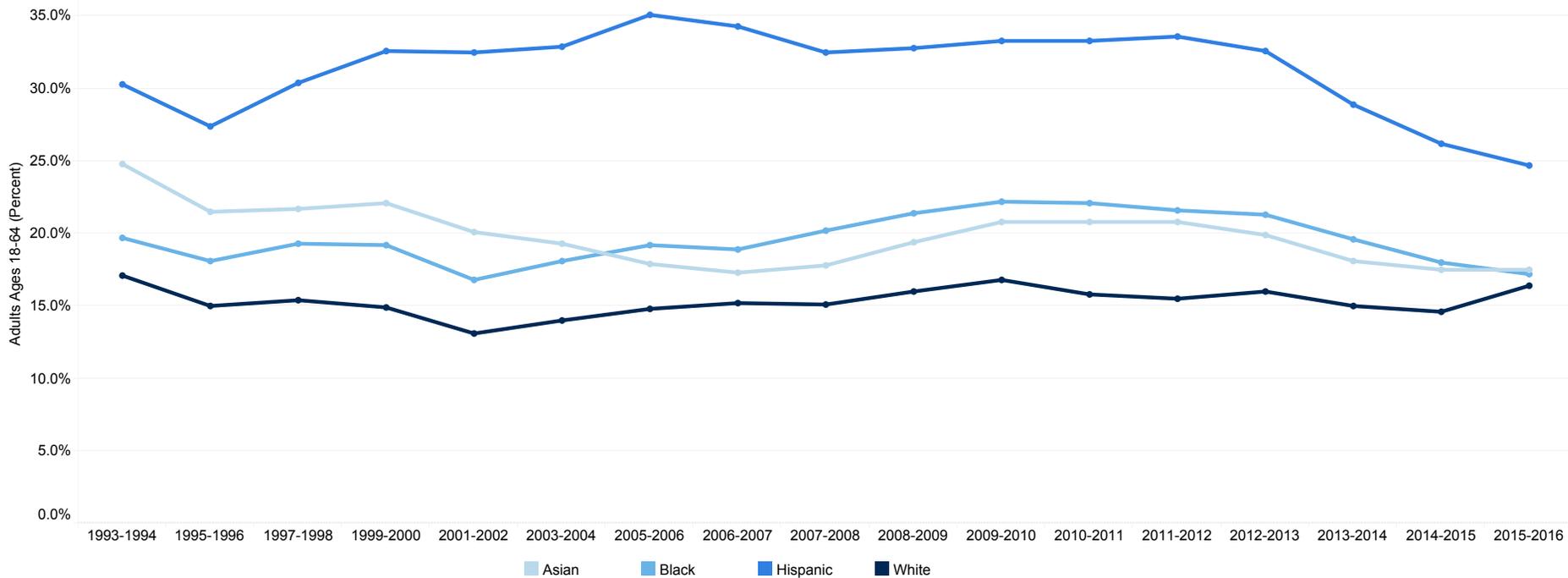


Chart 7.13: Percent Uninsured by Race



Source: National Center for Health Statistics. (2018). *Health, United States, 2017*. Hyattsville, MD.
(1) Racial categories include individuals of both Hispanic and non-Hispanic origin.

Chart 7.14: Percent of Adults with No Usual Source of Care by Race, 1999 – 2016



Source: National Center for Health Statistics. (2018). *Health, United States, 2017: With special feature on mortality*. <https://www.cdc.gov/nchs/hus/index.htm>

(1) [Black, White] Includes individuals of non-Hispanic origin only.
 (2) [Asian] Includes individuals of Hispanic and non-Hispanic origin.

Chart 7.15: Percent of Adults with No Usual Source of Care by Insurance Status, 1999 – 2016

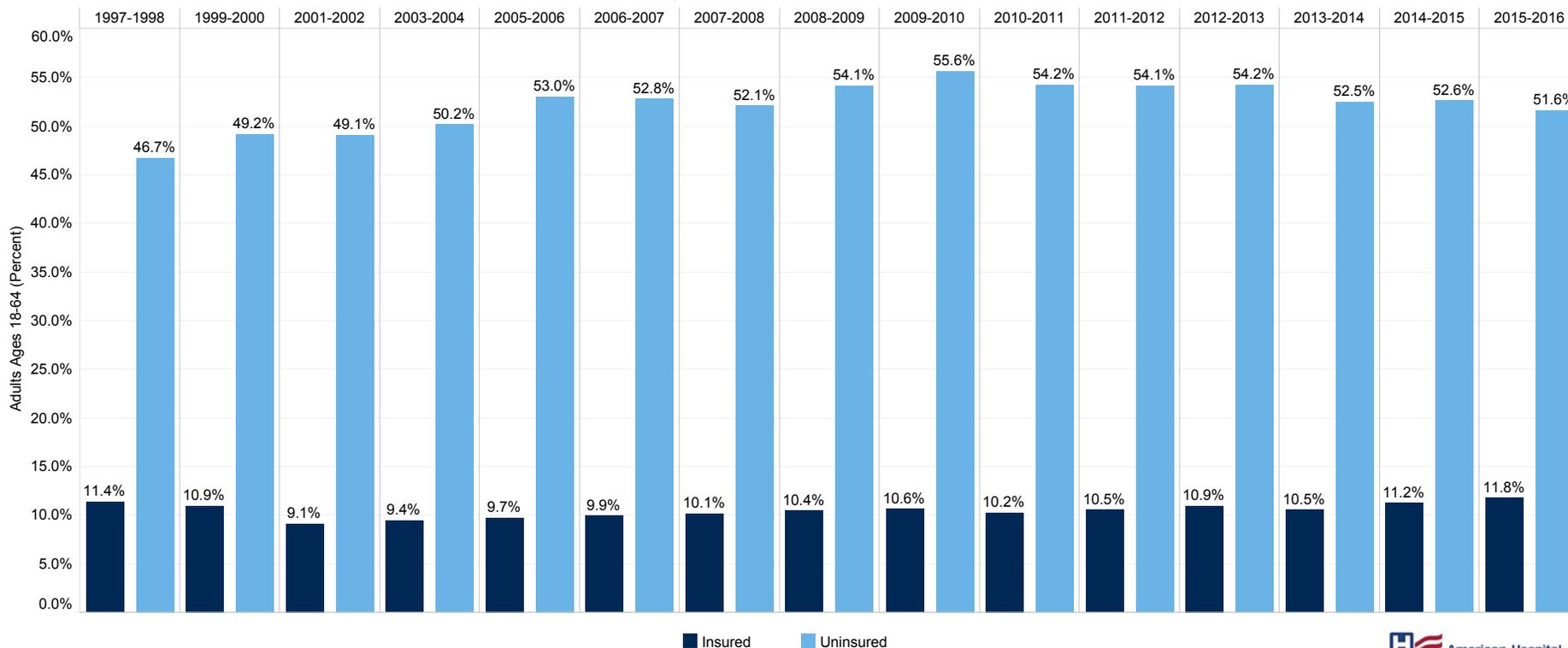
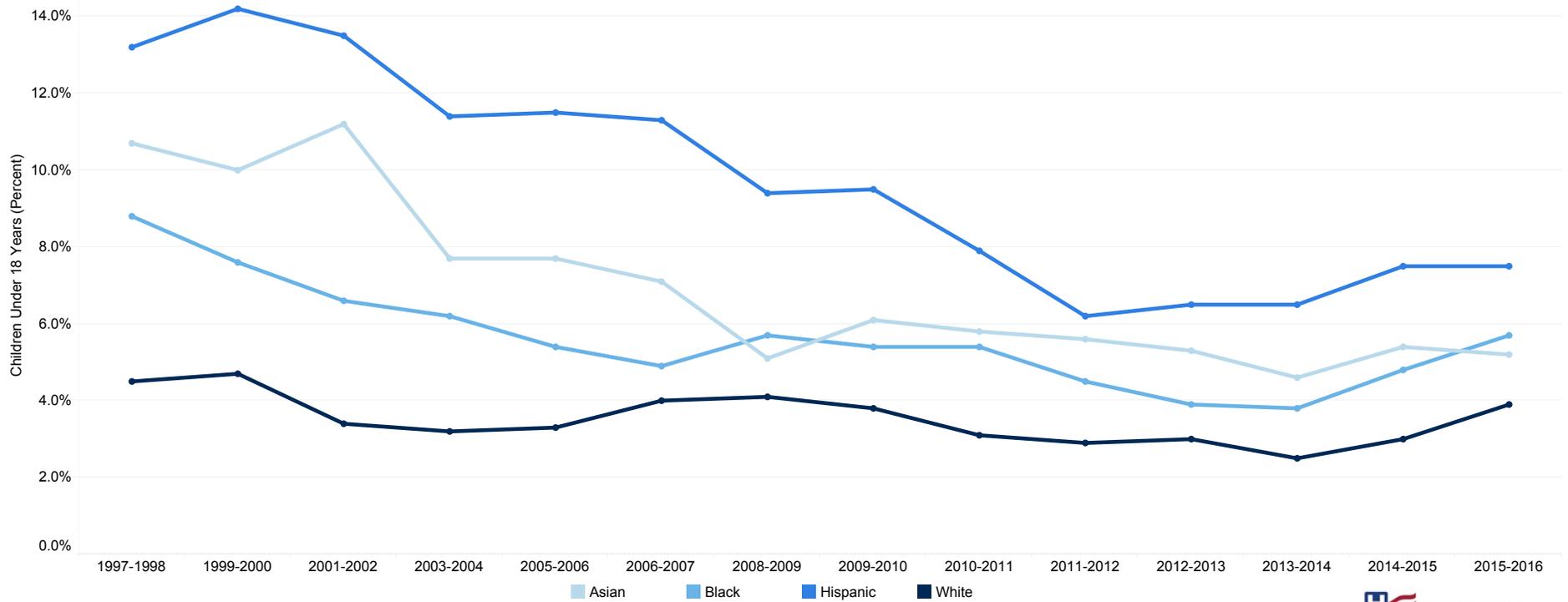
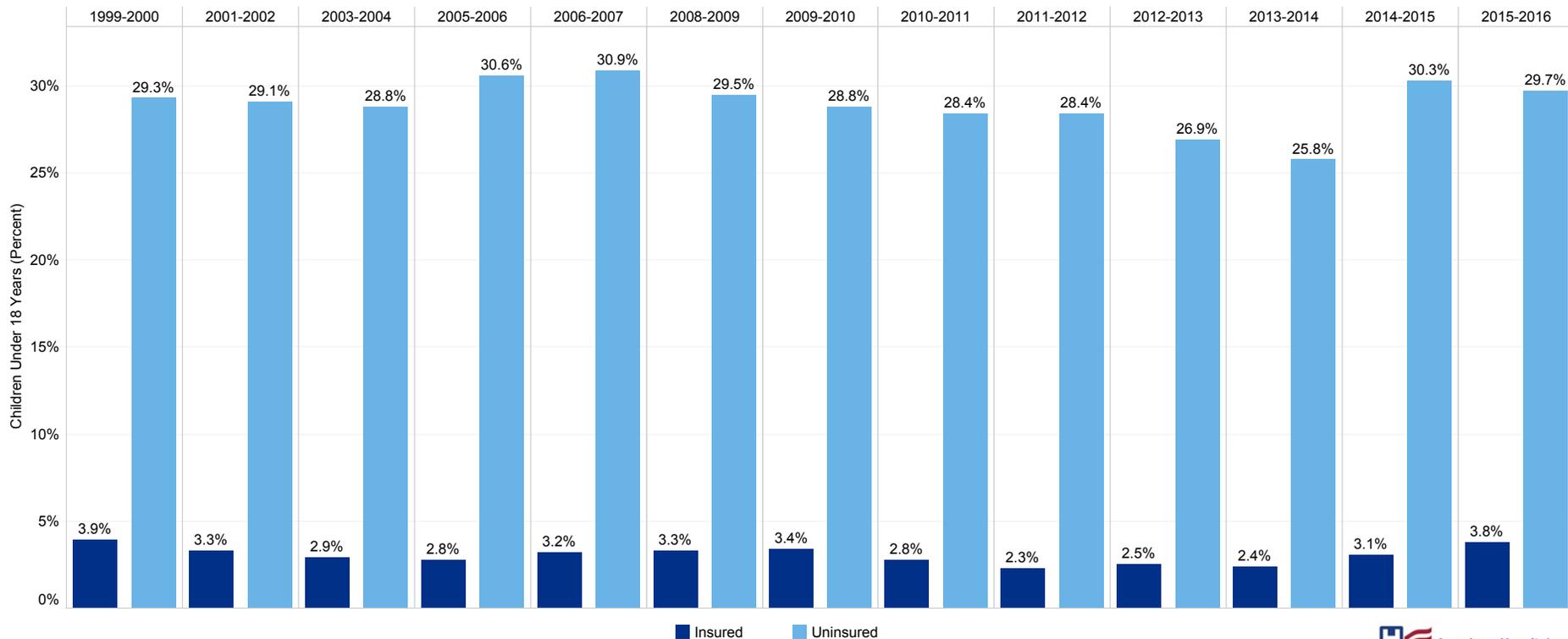


Chart 7.16: Percent of Children with No Usual Source of Care by Race, 1999 – 2016



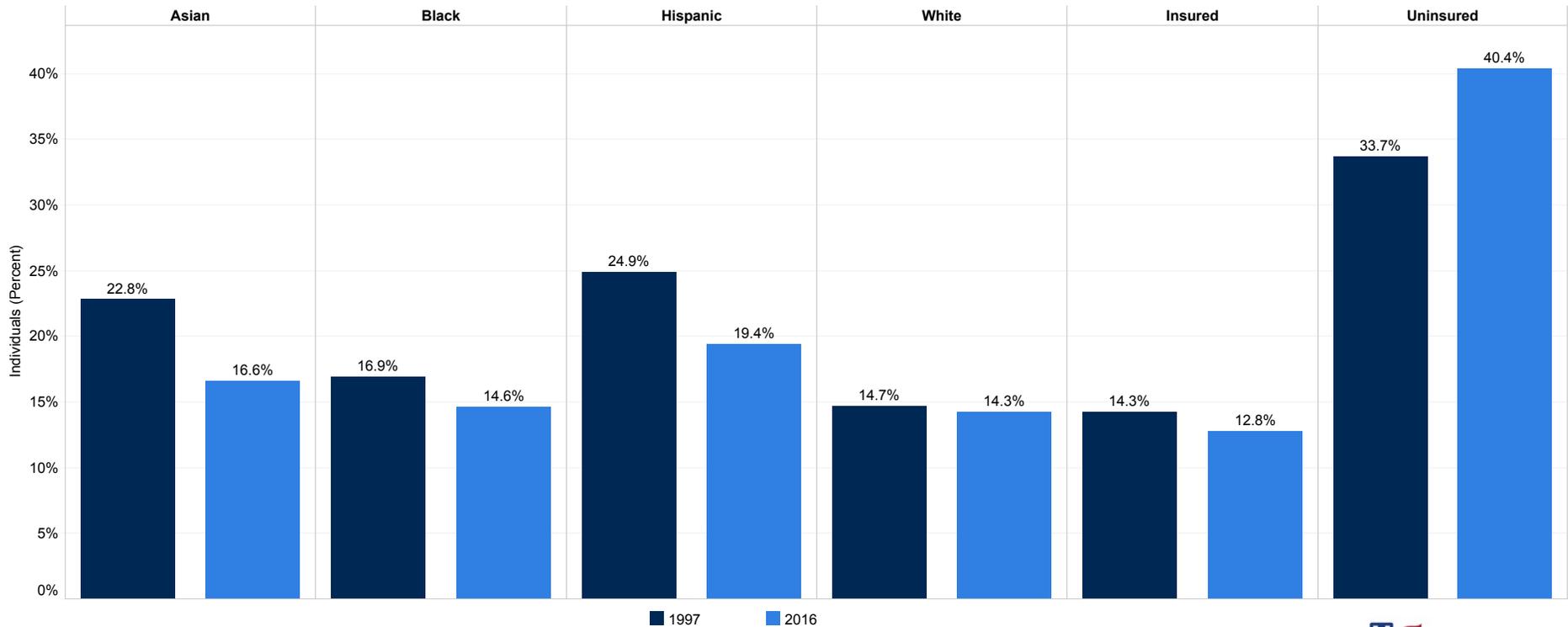
Source: National Center for Health Statistics. (2018). *Health, United States, 2017: With special feature on mortality*. <https://www.cdc.gov/nchs/hus/index.htm>

Chart 7.17: Percent of Children with No Usual Source of Care by Insurance Status, 1999 – 2016



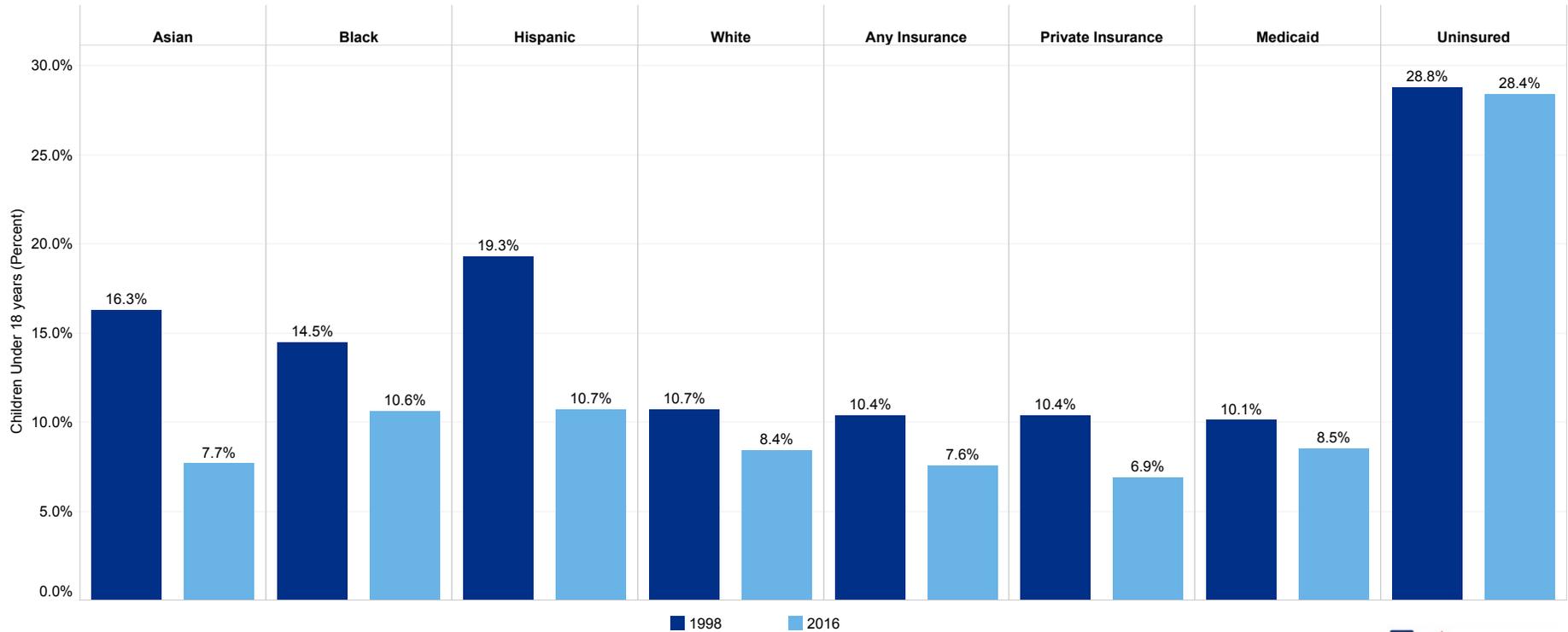
Source: National Center for Health Statistics. (2018). Health, United States, 2017: With special feature on mortality. <https://www.cdc.gov/nchs/hus/index.htm>

Chart 7.18: Percent of Individuals with No Health Care Visits by Race, Insurance Status, 1997 and 2016



Source: National Center for Health Statistics. (2018). *Health, United States, 2017: With special feature on mortality*. <https://www.cdc.gov/nchs/hus/index.htm>
 (1) Includes individuals of non-Hispanic origin only.
 (2) Includes individuals of Hispanic and non-Hispanic origin.

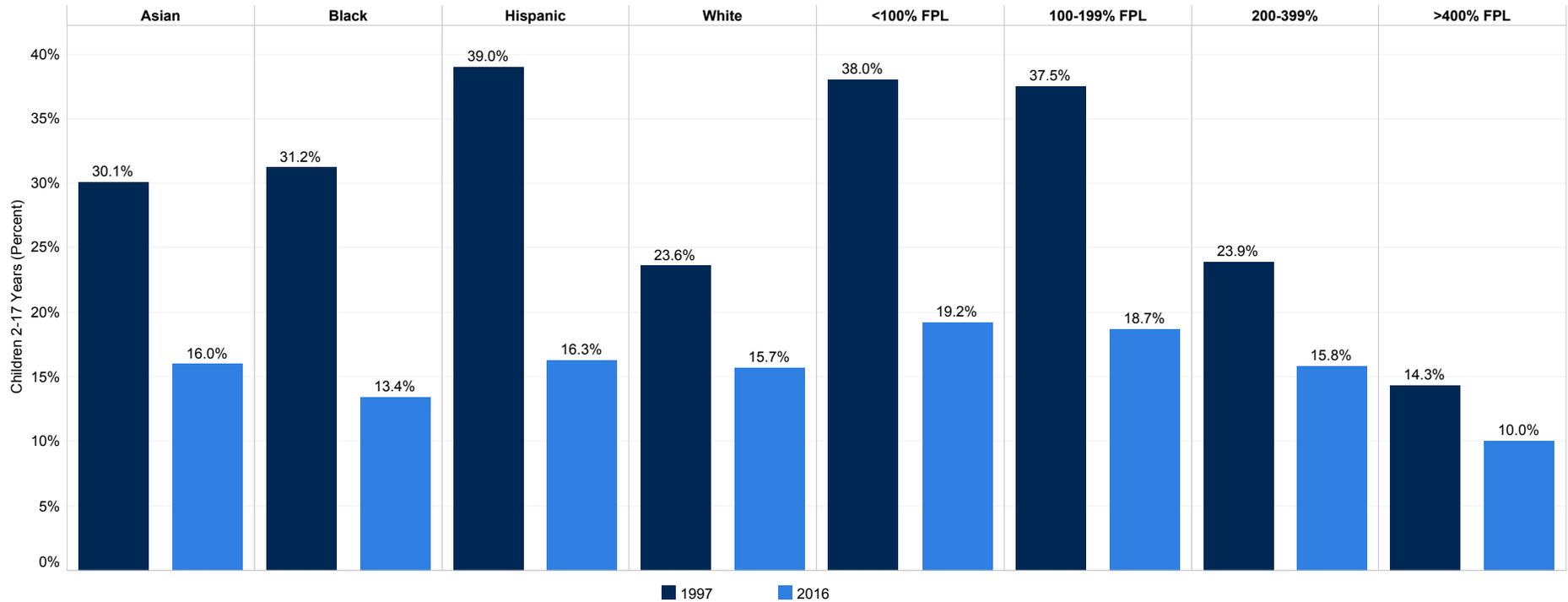
Chart 7.19: Percent of Children with No Health Care Visits by Race, Insurance Status, 1997 and 2016



Source: National Center for Health Statistics. (2018). *Health, United States, 2017: With special feature on mortality*. <https://www.cdc.gov/nchs/hus/index.htm>

- (1) Includes individuals of non-Hispanic origin only.
- (2) Includes individuals of Hispanic and non-Hispanic origin.

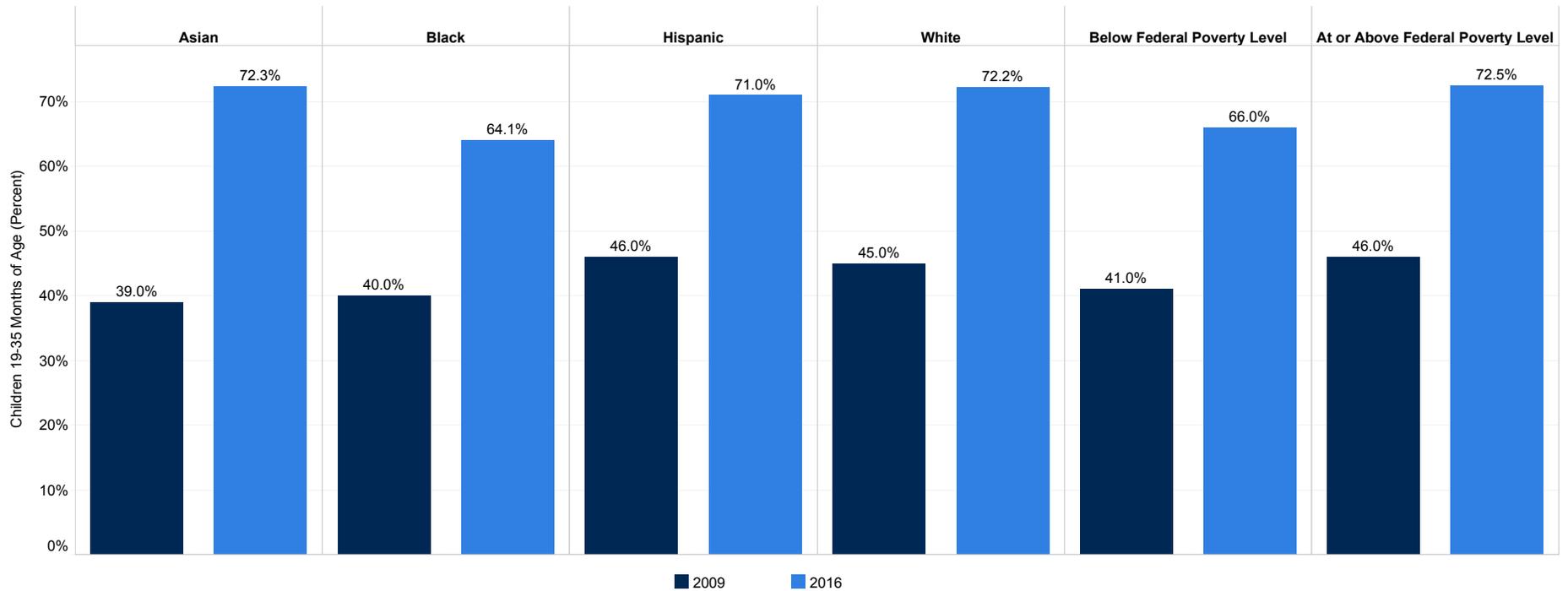
Chart 7.20: Percent of Children with No Dental Visits by Race, Poverty Status, 1997 and 2016



Source: National Center for Health Statistics. (2018). *Health, United States, 2017: With special feature on mortality*. <https://www.cdc.gov/nchs/hus/index.htm>

- (1) Includes individuals of non-Hispanic origin only.
- (2) Includes individuals of Hispanic and non-Hispanic origin.
- (3) FPL = federal poverty level.

Chart 7.21: Percent of Children Vaccinated by Race, Poverty Status, 2009 and 2016



Source: National Center for Health Statistics. (2018). *Health, United States, 2017: With special feature on mortality*. <https://www.cdc.gov/nchs/hus/index.htm>

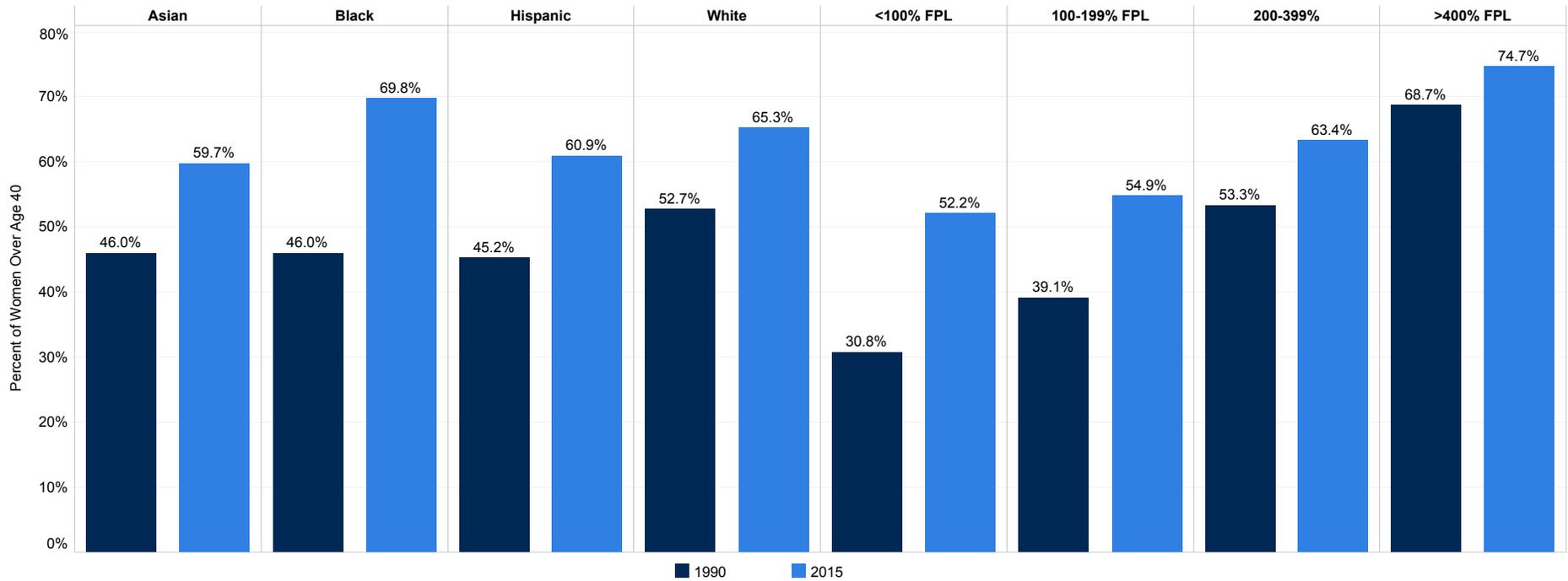
(1) Vaccinations include DTP, Polio, MMR, Hib, Hepatitis B, Varicella and PCV.

(2) Classification methodology changed for the Influenza Type B vaccine—before January 2009, NIS did not distinguish between Hib vaccine product types, so children who received three doses of the vaccine that required four doses were misclassified as fully vaccinated.

(3) Includes individuals of non-Hispanic origin only.

(4) FPL = federal poverty level.

Chart 7.22: Percent of Women Receiving Mammography by Race, Poverty Status, 1994 and 2015



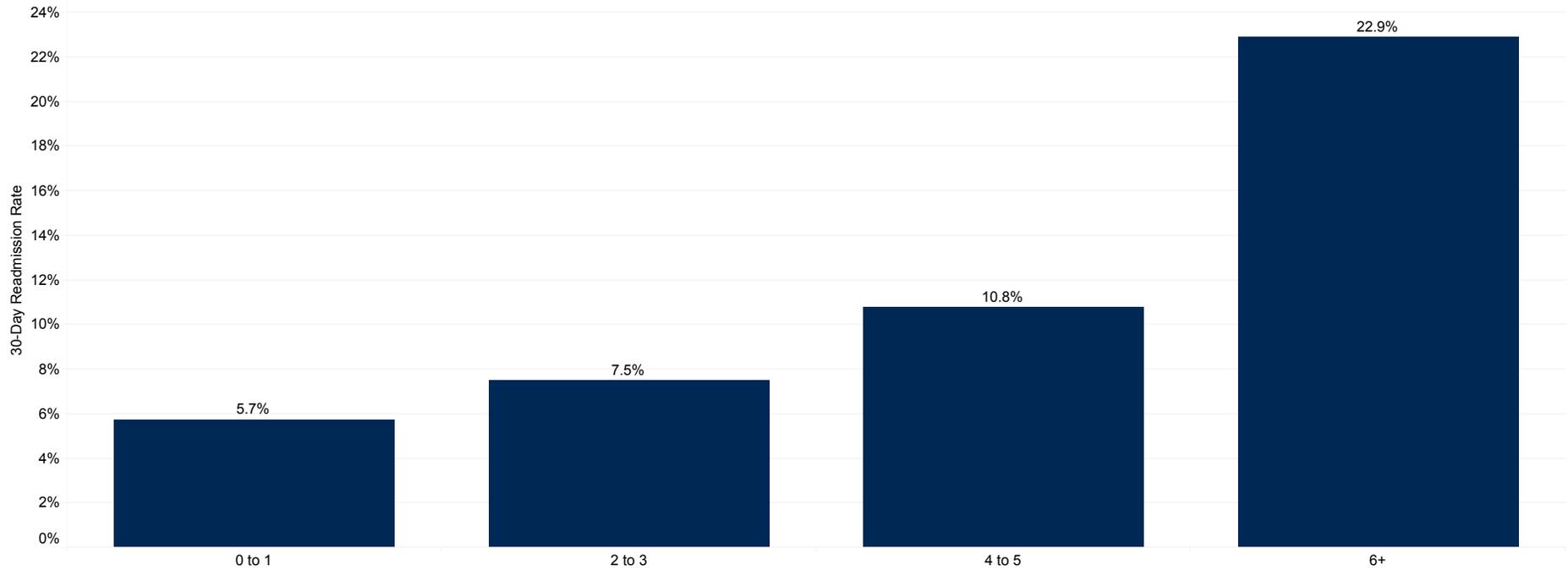
Source: National Center for Health Statistics. (2018). *Health, United States, 2017: With special feature on mortality*. <https://www.cdc.gov/nchs/hus/index.htm>

(1) Women over 40 years of age.
 (2) Indicates use of mammography in two years prior to 1994 and 2013.
 (3) Includes individuals of non-Hispanic origin only.
 (4) Includes individuals of Hispanic and non-Hispanic origin.
 (5) FPL = federal poverty level.

Chart 7.16 - Percent of Children with N..	Chart 7.17 - Percent of Children with No Usual So..	Chart 7.18 - Percent of Individuals with N..	Chart 7.19 - Percent of Children with No Health Ca..	Chart 7.20 - Percent of Children with No Dental Vis..	Chart 7.21 - Percent of Children Vaccinated by Ra..	Chart 7.22 - Percent of Women Receiving Mamm..	Chart 7.23	Chart 7.24	Chart 7.25 - 30-Day Readmission Rate..	
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Chart 7.16 - Percent of Children with N..	Chart 7.17 - Percent of Children with No Usual So..	Chart 7.18 - Percent of Individuals with N..	Chart 7.19 - Percent of Children with No Health Ca..	Chart 7.20 - Percent of Children with No Dental Vis..	Chart 7.21 - Percent of Children Vaccinated by Ra..	Chart 7.22 - Percent of Women Receiving Mamm..	Chart 7.23	Chart 7.24	Chart 7.25 - 30-Day Readmission Rate..	
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Chart 7.25: 30-Day Readmission Rate for Medicare Fee-for-Service Beneficiaries by Number of Chronic Conditions, 2016



Source: Centers for Medicare & Medicaid Services, Medicare Chronic Condition Dashboard. Data released 2019.
<https://www.cms.gov/Research-Statistics-Data-and-Systems/Statistics-Trends-and-Reports/Chronic-Conditions/CCDashboard.html>
(1) Includes 15 CMS identified chronic conditions
Chart added in Chartbook 2013.