

Appendix

Table 5
Core Measures

Behaviors	Measure	Description	Source, Data Year(s)
	Drug Deaths	Age-adjusted number of deaths due to drug injury of any intent (unintentional, suicide, homicide or undetermined) per 100,000 population	Centers for Disease Control and Prevention (CDC), <i>National Vital Statistics System</i> , 2013-2015
	Excessive Drinking	Percentage of adults who reported either binge drinking (having four or more [women] or five or more [men] drinks on one occasion in the past 30 days) or chronic drinking (having eight or more [women] or 15 or more [men] drinks per week)	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	High School Graduation*	Percentage of high school students who graduate with a regular high school diploma within four years of starting ninth grade (ACGR)	U.S. Department of Education, National Center for Education Statistics, 2014-2015
	Obesity	Percentage of adults with a body mass index of 30.0 or higher based on reported height and weight	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Physical Inactivity	Percentage of adults who reported doing no physical activity or exercise other than their regular job in the past 30 days	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
Community & Environment	Smoking	Percentage of adults who are smokers (reported smoking at least 100 cigarettes in their lifetime and currently smoke every or some days)	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Air Pollution	Average exposure of the general public to particulate matter of 2.5 microns or less in size (PM2.5)	U.S. Environmental Protection Agency, 2014-2016; U.S. Census Bureau, Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2016, 2014-2016
	Children in Poverty	Percentage of children younger than 18 who live in households at or below the poverty threshold	U.S. Census Bureau, <i>Current Population Survey, Annual Social and Economic Supplement</i> , 2016
	Infectious Disease	Mean z score of the incidence of chlamydia, pertussis and <i>Salmonella</i> per 100,000 population	<i>America's Health Rankings</i> composite measure, 2017
	— Chlamydia	Number of new cases of chlamydia per 100,000 population	CDC, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention Atlas, 2015
	— Pertussis	Number of new cases of pertussis per 100,000 population	CDC, <i>Morbidity and Mortality Weekly Report (MMWR)</i> , <i>Summary of Notifiable Infectious Diseases and Conditions</i> , 2015
	— <i>Salmonella</i>	Number of new cases of <i>Salmonella</i> per 100,000 population	CDC, <i>MMWR</i> , <i>Summary of Notifiable Infectious Diseases and Conditions</i> , 2015
	Occupational Fatalities	Number of fatal occupational injuries in construction, manufacturing, trade, transportation, utilities and professional and business services per 100,000 workers	U.S. Bureau of Labor Statistics, <i>Census of Fatal Occupational Injuries</i> , 2013-2015; U.S. Bureau of Economic Analysis, 2013-2015
	Violent Crime	Number of murders, rapes, robberies and aggravated assaults per 100,000 population	Federal Bureau of Investigation, 2016

* Data appearing in this edition are the same that appeared in the 2016 edition; an update was not available at the time of this publication.

Policy

Measure	Description	Source, Data Year(s)
Immunizations — Adolescents	Mean z score of the percentage of adolescents aged 13 to 17 who received ≥ 1 dose of Tdap vaccine since age 10, ≥ 1 dose of meningococcal vaccine and all recommended doses of human papillomavirus vaccine	<i>America's Health Rankings</i> composite measure, 2017
— HPV Females	Percentage of females aged 13 to 17 who are up to date on all recommended doses of human papillomavirus (HPV) vaccine	CDC, <i>National Immunization Survey</i> , 2016
— HPV Males	Percentage of males aged 13 to 17 who are up to date on all recommended doses of human papillomavirus (HPV) vaccine	CDC, <i>National Immunization Survey</i> , 2016
— Meningococcal	Percentage of adolescents aged 13 to 17 who received ≥ 1 dose of meningococcal conjugate vaccine (MenACWY)	CDC, <i>National Immunization Survey</i> , 2016
— Tdap	Percentage of adolescents aged 13 to 17 who received ≥ 1 dose of tetanus, diphtheria and acellular pertussis (Tdap) vaccine since age 10	CDC, <i>National Immunization Survey</i> , 2016
Immunizations — Children	Percentage of children aged 19 to 35 months who received recommended doses of diphtheria, tetanus and acellular pertussis (DTaP), measles, mumps and rubella (MMR), polio, <i>Haemophilus influenzae</i> type b (Hib), hepatitis B, varicella and pneumococcal conjugate vaccines	CDC, <i>National Immunization Survey</i> , 2016
Public Health Funding	State dollars dedicated to public health and federal dollars directed to states by the Centers for Disease Control and Prevention and the Health Resources Services Administration per person	Trust For America's Health, 2015-2016; U.S. Department of Health and Human Services (HHS), 2015-2016; U.S. Census Bureau, Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2016, 2015-2016
Uninsured	Percentage of the population that does not have health insurance privately, through their employer or through the government	U.S. Census Bureau, <i>American Community Survey</i> , 2015-2016

Clinical Care

Dentists	Number of practicing dentists per 100,000 population	American Dental Association, 2016
Low Birthweight	Percentage of infants weighing less than 2,500 grams (5 pounds, 8 ounces) at birth	CDC, <i>National Vital Statistics System</i> , 2015
Mental Health Providers	Number of psychiatrists, psychologists, licensed clinical social workers, counselors, marriage and family therapists, providers that treat alcohol and other drug abuse and advanced practice nurses specializing in mental health care per 100,000 population	U.S. HHS, Centers for Medicare & Medicaid Services, National Plan and Provider Enumeration System, 2016; U.S. Census Bureau, Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2016, 2016
Preventable Hospitalizations	Number of discharges for ambulatory care-sensitive conditions per 1,000 Medicare enrollees aged 65 and older	The Dartmouth Atlas of Health Care, 2015
Primary Care Physicians	Number of active primary care physicians (including general practice, family practice, obstetrics and gynecology, pediatrics, geriatrics and internal medicine) per 100,000 population	American Medical Association, Special data request for active state licensed physicians provided by Redi-Data, Inc., Sept 18, 2017; U.S. Census Bureau, Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2016, 2016

Appendix

Table 5
Core Measures, continued

Outcomes	Measure	Description	Source, Data Year(s)
	Cancer Deaths	Age-adjusted number of deaths due to all causes of cancer per 100,000 population	CDC, <i>National Vital Statistics System</i> , 2013-2015
	Cardiovascular Deaths	Age-adjusted number of deaths due to all cardiovascular diseases including heart disease and stroke per 100,000 population	CDC, <i>National Vital Statistics System</i> , 2013-2015
	Diabetes	Percentage of adults who reported being told by a health professional that they have diabetes (excludes prediabetes and gestational diabetes)	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Disparity in Health Status	Difference between the percentage of adults with at least a high school education compared with those without who reported their health is very good or excellent (adults <25 years excluded)	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Frequent Mental Distress	Percentage of adults who reported their mental health was not good 14 or more days in the past 30 days	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Frequent Physical Distress	Percentage of adults who reported their physical health was not good 14 or more days in the past 30 days	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Infant Mortality	Number of infant deaths (before age 1 year) per 1,000 live births	CDC, <i>National Vital Statistics System</i> , 2014-2015
	Premature Death	Number of years of potential life lost before age 75 per 100,000 population	CDC, <i>National Vital Statistics System</i> , 2015

Table 6
Supplemental Measures

Behaviors	Measure	Description	Source, Data Year(s)
	Binge Drinking	Percentage of adults who reported having four or more (women) or five or more (men) drinks on one occasion in the past 30 days	Centers for Disease Control and Prevention (CDC), <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Chronic Drinking	Percentage of adults who reported having eight or more (women) or 15 or more (men) drinks per week	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Fruits*	Mean number of fruits consumed per day by adults	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2015
	Insufficient Sleep	Percentage of adults who reported sleeping less than seven hours in a 24-hour period on average	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Seat Belt Use	Percentage of adults who reported always using a seat belt when driving or riding in a car	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Vegetables*	Mean number of vegetables consumed per day by adults	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2015
Community & Environment	Disconnected Youth	Percentage of teens and young adults aged 16 to 24 who are neither working nor in school	Measure of America of the Social Science Research Council, <i>Promising Gains, Persistent Gaps Youth Disconnection in America 2017 Report</i> , 2015
	Income Inequity	Inequality on the Gini scale is measured between zero, where everyone earns the same income, and one, where all the country's income is earned by a single person	U.S. Census Bureau, <i>American Community Survey</i> , 2016
	Median Household Income	Dollar amount that divides the household income distribution into two equal groups	U.S. Census Bureau, <i>Current Population Survey, Annual Social and Economic Supplement</i> , 2016
	Neighborhood Amenities	Percentage of children aged 0 to 17 with access to parks or playgrounds, recreation or community centers, libraries or book mobiles, and sidewalks or walking paths	Data Resource Center for Child and Adolescent Health, <i>National Survey of Children's Health</i> , 2016
	Underemployment Rate	Percentage of the civilian labor force that is unemployed, plus all marginally attached workers, plus the total employed part-time for economic reasons (U-6 definition)	U.S. Bureau of Labor Statistics, 2016
	Unemployment Rate	Percentage of the civilian labor force that is unemployed (U-3 definition)	U.S. Bureau of Labor Statistics, 2016

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Table 6
Supplemental Measures, continued

	Measure	Description	Source, Data Year(s)
Policy	Water Fluoridation**	Percentage of population served by community water systems who receive fluoridated water	CDC, <i>Water Fluoridation Reporting System</i> , 2014
Clinical Care	Cholesterol Check*	Percentage of adults who reported having their blood cholesterol checked within the past five years	(CDC), <i>Behavioral Risk Factor Surveillance System</i> , 2015
	Colorectal Cancer Screening	Percentage of adults aged 50 to 75 who reported receiving one or more of the recommended colorectal cancer screening tests within the recommended time interval (fecal occult blood test (FOBT) within the past year, colonoscopy within the past 10 years, or a sigmoidoscopy within five years and a home FOBT within the past three years)	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Dedicated Health Care Provider	Percentage of adults who reported having one or more people they think of as their personal doctor or health care provider	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Dental Visit, Annual	Percentage of adults who reported visiting the dentist or dental clinic within the past year for any reason	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
Outcomes	Heart Attack	Percentage of adults who reported being told by a health professional that they had a heart attack (myocardial infarction)	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Heart Disease	Percentage of adults who reported being told by a health professional that they have angina or coronary heart disease	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	High Blood Pressure*	Percentage of adults who reported being told by a health professional that they have high blood pressure	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2015
	High Cholesterol*	Percentage of adults who reported having their cholesterol checked and were told by a health professional that it was high	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2015
	High Health Status	Percentage of adults who reported that their health is very good or excellent	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Injury Deaths	Age-adjusted number of deaths due to injury per 100,000 population	CDC, <i>National Vital Statistics System</i> , 2013-2015
	Poor Mental Health Days	Mean number of days in the past 30 days adults reported their mental health was not good	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Poor Physical Health Days	Mean number of days in the past 30 days adults reported their physical health was not good	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Stroke	Percentage of adults who reported being told by a health professional that they had a stroke	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016
	Suicide	Age-adjusted number of deaths due to intentional self-harm per 100,000 population	CDC, <i>National Vital Statistics System</i> , 2015
	Six+ Teeth Extractions	Percentage of adults aged 45 to 64 who reported having six or more permanent teeth removed because of tooth decay or gum disease	CDC, <i>Behavioral Risk Factor Surveillance System</i> , 2016

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