

National Prevention Strategy Indicators

Key Indicators: Goal

Key Indicator	Aligned HP2020 Objective	Data Source	Frequency of Data Collection	Baseline (Year)	Target for 2030 (Method)
GOAL INDICATORS					
Rate of infant mortality per 1,000 live births	MICH-1.3	National Vital Statistics System, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	6.7 per 1,000 live births (2007)	4.5 per 1,000 live births (additional 15% improvement after linear extrapolation to 2030) ^{1, 2}
Proportion of Americans who live to age 25	N/A	National Vital Statistics System, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	98.3% (2007)	98.9% (additional 15% improvement after linear extrapolation to 2030) ²
Proportion of Americans who live to age 65	N/A	National Vital Statistics System, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	83.6% (2007)	90.6% (additional 15% improvement after linear extrapolation to 2030) ²
Proportion of Americans who live to age 85	N/A	National Vital Statistics System, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	38.6% (2007)	57.7% (additional 15% improvement after linear extrapolation to 2030) ²
Proportion of 0 to 24 year old Americans in good or better health	N/A	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	97.7% (2009)	97.9% (additional 15% improvement after linear extrapolation to 2030) ³
Proportion of 25-64 year old Americans in good or better health	N/A	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	88.6% (2009)	87.2% (additional 15% improvement after linear extrapolation to 2030) ^{3, 4}
Proportion of 65 to 84 year old Americans in good or better health	N/A	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	77.5% (2009)	83.3% (additional 15% improvement after linear extrapolation to 2030) ³
Proportion of 85+ year old Americans in good or better health	N/A	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	64.9% (2009)	71.7% (additional 15% improvement after linear extrapolation to 2030) ³

1 The National Prevention Strategy provides a 20 year target in order measure progress on the goal over a generation, while Healthy People 2020 provides a 10 year target.

2 These calculations involved a linear extrapolation of the age-specific death rates for 2008-2030 based on the trend in age-specific mortality from 1980-2007. However, in some cases the trend was not linear during this period. As a result, for some age groups, the extrapolation was based on the most recent, approximately linear trend. Extrapolations for infant mortality, ages 20-24 and 25-29 were based on data from 1995-2007. Extrapolations for ages 1-4, 5-9, 10-14 and 15-19 were based on data for 2000-2007. Extrapolations for all other age groups were based on data for 1980-2007. A life table was then calculated for 2030 based on these extrapolated age-specific rates.

3 Linear extrapolation to 2030 was based on the trend for proportions from 1997-2009.

4 Due to the increasing percentage of adults in this age cohort who reported "fair" or "poor" health status, the aim for the target is to slow the decline in those who report "good" or "better" health status.

Key Indicators: Leading Causes of Death, Strategic Directions, and Priorities

Key Indicator	Aligned HP2020 Objective	Data Source	Frequency of Data Collection	Baseline (Year)	10-Year Target (Method)
LEADING CAUSES OF DEATH					
Rate of cancer deaths	C-1	National Vital Statistics System - Mortality, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	178.4 deaths per 100,000 population (2007)	160.6 deaths per 100,000 population (10% improvement)
Rate of coronary heart disease deaths ⁵	HDS-2	National Vital Statistics System - Mortality, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	126.0 deaths per 100,000 population (2007)	100.8 deaths per 100,000 population (20% improvement)
Rate of stroke deaths	HDS-3	National Vital Statistics System - Mortality, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	42.2 deaths per 100,000 population (2007)	33.8 deaths per 100,000 population (20% improvement)
Rate of chronic lower respiratory disease deaths	N/A	National Vital Statistics System - Mortality, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	40.8 deaths per 100,000 population (2007)	35.1 deaths per 100,000 population (modeling/projection)
Rate of unintentional injury deaths	IVP-11	National Vital Statistics System - Mortality, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	40.0 deaths per 100,000 population (2007)	36.0 deaths per 100,000 population (10% improvement)
HEALTHY AND SAFE COMMUNITY ENVIRONMENTS					
Number of days the Air Quality Index (AQI) exceeds 100	EH-1	Air Quality System (formerly the Aerometric Information Retrieval System), U.S. Environmental Protection Agency	Annually	11 days (2008) ⁶	10 days (modeling/projection) ⁶
Amount of toxic pollutants released into the environment	EH-11	U.S. National Toxics Release Inventory, Environmental Protection Agency	Annually	1,950,000 tons (2008) ⁷	1,750,000 tons (10% improvement) ⁷

5 Note: The leading cause of death is diseases of the heart (2007 baseline: 616,067 deaths, 190.9 deaths per 100,000 population); however, coronary heart disease deaths will be tracked because they account for the majority (66%) of deaths from disease of the heart, are the most amenable to prevention, and have an available 10- year target established for Healthy People 2020.

6 This baseline is based on combined days above AQI values of 100 for the current indices for ozone and PM 2.5, which were issued in 2008 and 1999, respectively. This baseline and target were derived by weighting the number of days the air quality indices for ozone and PM2.5 were above 100 (code orange and above) in 2008 by population and by "severity," to determine an average nationwide value.

7 This baseline and target reflect that certain industrial facilities that manufacture, process or otherwise use specified toxic chemicals (over 600 toxic chemicals and chemical categories) in amounts above reporting threshold levels are required to submit annually the release and other waste management information to EPA (Toxics Release Inventory (TRI)) and to designated State officials (42 U.S.C 11023; 42 U.S.C 13106). Executive Order 13148 extends these requirements to all federal facilities. <http://www.epa.gov/tri/index.htm>

National Prevention Strategy Indicators

Key Indicator	Aligned HP2020 Objective	Data Source	Frequency of Data Collection	Baseline (Year)	10-Year Target (Method)
Proportion of state public health agencies that can convene, within 60 minutes of notification, a team of trained staff who can make decisions about appropriate response and interaction with partners	N/A	Centers for Disease Control and Prevention, Division of State and Local Readiness	Annually	84.0% (2010)	98.0% (consistency with national programs)
Proportion of children aged 5 to 17 years with asthma who missed school days in the past 12 months	RD-5.1	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Periodically	58.7% (2008)	48.7% (minimal statistical significance)
CLINICAL AND COMMUNITY PREVENTIVE SERVICES					
Proportion of medical practices that use electronic health records ⁸	HC/HIT-10	National Ambulatory Medical Care Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	25.0% (2007)	27.5% (10% improvement)
Proportion of adults aged 18 years and older with hypertension whose blood pressure is under control	HDS-12	National Health and Nutrition Examination Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually, released in 2-year increments biennially	43.7% (2005 – 2008)	61.2% (40% improvement)
Proportion of adults aged 20 years and older with high low-density lipoprotein (LDL) cholesterol whose LDL is at or below recommended levels	N/A	National Health and Nutrition Examination Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually, released in 2-year increments biennially	33.2% (2005-2008)	36.5 % (10% improvement)
Proportion of adults aged 50 to 75 years who receive colorectal cancer screening based on the most recent guidelines	C-16	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Periodically	54.2% (2008)	70.5% (modeling/ projection)
Proportion of children and adults who are vaccinated annually against seasonal influenza ⁹	IID-12.1	National Immunization Survey, Centers for Disease Control and Prevention, National Center for Immunization and Respiratory Diseases, National Center for Health Statistics	Annually	6 – 23 mos: 23.0% (2008)	6 – 23 mos: 80.0% (consistency with national programs)
	IID-12.2	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics		2 – 4 yrs: 40.0% (2008)	2 – 4 yrs: 80.0% (consistency with national programs)

⁸ Patients, clinicians, and health care systems can use electronic health records to improve delivery of clinical preventive services and improve the quality of preventive care.

⁹ This key indicator is being reassessed in light of recent ACIP recommendations and data sources.

Key Indicator	Aligned HP2020 Objective	Data Source	Frequency of Data Collection	Baseline (Year)	10-Year Target (Method)
Proportion of children and adults who are vaccinated annually against seasonal influenza ⁹ (cont.)	IID-12.3	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	5 – 12 yrs: 26.0% (2008)	5 – 12 yrs: 80.0% (consistency with national programs)
	IID-12.4	National Immunization Survey - Teen		13 – 17 yrs: 10.0% (2008)	13 – 17 yrs: 80.0% (consistency with national programs)
	IID-12.5	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics		18 – 64 yrs: 24.9% (2008)	18 – 64 yrs: 80.0% (consistency with national programs)
	IID-12.7	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics		65+ yrs: 67% (2008)	65+ yrs: 90% (retention of Healthy People 2010 target)
EMPOWERED PEOPLE					
Proportion of persons who report their health care providers always explained things so they could understand them	HC/HIT-2.2	Medical Expenditure Panel Survey, Agency for Healthcare Research and Quality	Annually	60.0% (2007)	66.0% (10% improvement)
Proportion of adults reporting that they receive the social and emotional support they need	N/A	Behavioral Risk Factor Surveillance System, Centers for Disease Control and Prevention	Annually	80% (2008)	88% (10% improvement)
ELIMINATION OF HEALTH DISPARITIES					
Proportion of adults (from racial/ethnic minority groups) in fair or poor health	N/A	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	African Americans: 14.2% (2007) Hispanics: 13.0% (2007) American Indian or Alaska Native: 17.1% (2007)	8.8% (baseline for non-Hispanic Whites)
Proportion of individuals who are unable to obtain or delay in obtaining necessary medical care, dental care, or prescription medicines ¹⁰	AHS-6.1	Medical Expenditure Panel Survey, Agency for Healthcare Research and Quality	Annually	10.0% (2007)	9.0% (10% improvement)
Proportion of persons who report their health care provider always listens carefully ¹⁰	HC/HIT-2.1	Medical Expenditure Panel Survey, Agency for Healthcare Research and Quality	Annually	59.0% (2007)	65.0% (10% improvement)

⁹ This key indicator is being reassessed in light of recent ACIP recommendations and data sources.

¹⁰ In addition to national summary data, as data are available, these indicators will be tracked by subgroup.

National Prevention Strategy Indicators

Key Indicator	Aligned HP2020 Objective	Data Source	Frequency of Data Collection	Baseline (Year)	10-Year Target (Method)
TOBACCO FREE LIVING					
Proportion of adults who are current smokers (have smoked at least 100 cigarettes during their lifetime and report smoking every day or some days)	TU-1.1	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	20.6% (2008)	12.0% (retention of HP2010 target)
Proportion of adolescents who smoked cigarettes in the past 30 days	TU-2.2	Youth Risk Behavior Surveillance System, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion	Biennially	19.5% (2009)	16.0% (retention of HP2010 target)
Proportion of youth aged 3 to 11 years exposed to secondhand smoke	TU-11.1	National Health and Nutrition Examination Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually, released in 2-year increments biennially	52.2% (2005-2008)	47.0% (10% improvement)
PREVENTING DRUG ABUSE AND EXCESSIVE ALCOHOL USE					
Proportion of adults aged 18 years and older who reported that they engaged in binge drinking during the past month	SA-14.3	National Survey on Drug Use and Health, Substance Abuse and Mental Health Services Administration	Annually	27.0% (2008)	24.3% (10% improvement)
Proportion of high school seniors who reported binge drinking during the past two weeks	SA-14.1	Monitoring the Future Survey, National Institutes of Health	Annually	25.2% (2009)	22.7% (10% improvement)
Proportion of persons aged 12 years or older who reported nonmedical use of any psychotherapeutic drug in the past year	SA-19.5	National Survey on Drug Use and Health, Substance Abuse and Mental Health Services Administration	Annually	6.1% (2008)	5.5% (10% improvement)
Proportion of youth aged 12 to 17 years who have used illicit drugs in the past 30 days	N/A	National Survey on Drug Use and Health, Substance Abuse and Mental Health Services Administration	Annually	10.0% (2009)	9.3% (7% improvement)
HEALTHY EATING					
Proportion of adults and children and adolescents who are obese	NWS-9	National Health and Nutrition Examination Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually, released in 2-year increments biennially	Adults 20+ yrs: 34.0% (2005 - 2008)	Adults 20+ yrs: 30.6% (10% improvement)
	NWS-10			Children and Adolescents 2 – 19 yrs: 16.2% (2005 - 2008)	Children and Adolescents 2 – 19 yrs: 14.6% (10% improvement)

Key Indicator	Aligned HP2020 Objective	Data Source	Frequency of Data Collection	Baseline (Year)	10-Year Target (Method)
Average daily sodium consumption in the population	NWS-19	National Health and Nutrition Examination Survey, Centers for Disease Control and Prevention, National Center for Health Statistics; U.S. Department of Agriculture, Agricultural Research Service	Annually, released in 2-year increments biennially	3,641 mg (2003 - 2006)	2,300 mg (evidence-based approach)
Average number of infections caused by salmonella species transmitted commonly through food	FS-1.4	The Foodborne Disease Active Surveillance Network, Centers for Disease Control and Prevention	Annually	15.2 cases per 100,000 population (2006 - 2008)	11.4 cases per 100,000 population (25% improvement)
Proportion of infants who are breastfed exclusively through 6 months	MICH-21.5	National Immunization Survey, Centers for Disease Control and Prevention, National Center for Immunization and Respiratory Diseases, National Center for Health Statistics	Annually	14.1% (2006)	25.5% (modeling/projection)
ACTIVE LIVING					
Proportion of adults who meet physical activity guidelines for aerobic physical activity	PA-2.1	National Health Interview Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	43.5% (2008)	47.9% (10% improvement)
Proportion of adolescents who meet physical activity guidelines for aerobic physical activity	PA-3.1	Youth Risk Behavior Surveillance System, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion	Biennially	18.4% (2008)	20.2% (10% improvement)
Proportion of the nation's public and private schools that provide access to their physical activity spaces and facilities for all persons outside of normal school hours	PA-10	School Health Policies and Programs Study, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion	Periodically	28.8% (2006)	31.7% (10% improvement)
Proportion of commuters who use active transportation (i.e. walk, bicycle, and public transit) to travel to work	N/A	U.S. Census Bureau's American Community Survey	Annually	8.7% (2009)	20.0% (consistency with national policies and evidence base)

National Prevention Strategy Indicators

Key Indicator	Aligned HP2020 Objective	Data Source	Frequency of Data Collection	Baseline (Year)	10-Year Target (Method)
INJURY AND VIOLENCE FREE LIVING					
Rate of fatalities due to alcohol impaired driving	SA-17	Fatality Analysis Reporting System, U.S. Department of Transportation	Annually	0.40 deaths per 100 million vehicle miles traveled (2008)	0.38 deaths per 100 million vehicle miles traveled (5% improvement)
Rate of fall related deaths among adults aged 65 years and older	IVP-23.2	National Vital Statistics System-Mortality, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	45.3 deaths per 100,000 population (2007)	45.3 deaths per 100,000 population (maintain the baseline rate)
Rate of homicides	IVP-29	National Vital Statistics System-Mortality, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	6.1 homicides per 100,000 population (2007)	5.5 homicides per 100,000 population (10% improvement)
Rate of motor vehicle crash-related deaths	IVP-13.1	National Vital Statistics System-Mortality, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	13.8 deaths per 100,000 population (2007)	12.4 deaths per 100,000 population (10% improvement)
REPRODUCTIVE AND SEXUAL HEALTH					
Proportion of children born with low birth weight (LBW) and very low birth weight (VLBW)	MICH-8.1	National Vital Statistics System, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	LBW: 8.2% (2007)	LBW: 7.8% (5% improvement)
	MICH-8.2			VLBW: 1.5% (2007)	VLBW: 1.4% (5% improvement)
Proportion of pregnant females who received early and adequate prenatal care	MICH-10.2	National Vital Statistics System, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	70.5% (2007)	77.6% (10% improvement)
Pregnancy rates among adolescent females aged 15 to 19 years	FP-8.1	Abortion Provider Survey, Guttmacher Institute; Abortion Surveillance Data, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion; National Vital Statistics System-Nativity Centers for Disease Control and Prevention, National Center for Health Statistics; National Survey of Family Growth, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	15 – 17 yrs: 40.2 pregnancies per 1,000 females (2005)	15 – 17 yrs: 36.2 pregnancies per 1,000 females (10% improvement)

Key Indicator	Aligned HP2020 Objective	Data Source	Frequency of Data Collection	Baseline (Year)	10-Year Target (Method)
Pregnancy rates among adolescent females aged 15 to 19 years (cont.)	FP-8.2	Abortion Provider Survey, Guttmacher Institute; National Vital Statistics System, Centers for Disease Control and Prevention, National Center for Health Statistics; National Survey of Family Growth, Centers for Disease Control and Prevention, National Center for Health Statistics; Abortion Surveillance Data, Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion	Annually	18 – 19 yrs: 117.7 pregnancies per 1,000 females (2005)	18 – 19 yrs: 105.9 pregnancies per 1,000 females (10% improvement)
Proportion of sexually active persons aged 15 to 44 years who received reproductive health services	FP-7.1	National Survey of Family Growth, Centers for Disease Control and Prevention, National Center for Health Statistics	Periodically	Females: 78.9% (2006 – 2008)	Females: 86.7% (10% improvement)
	FP-7.2			Males: 14.9% (2006 – 2008)	Males: 16.4% (10% improvement)
Proportion of people living with HIV who know their serostatus	HIV-13	HIV Surveillance System, Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention	Annually	79.0% (2006)	90.0% (consistent with National HIV/AIDS Strategy)
Proportion of sexually active females aged 16 to 20 years and 21 to 24 years enrolled in Medicaid and commercial health insurance plans who were screened for genital Chlamydia infections during the measurement year	STD-3.1	Healthcare Effectiveness Data and Information Set, National Committee for Quality Assurance	Annually	16 – 20 year-old females enrolled in Medicaid plans: 52.7% (2008)	16 – 20 year-old females enrolled in Medicaid plans: 74.4% (modeling/projection)
	STD-3.2			21 – 24 year-old females enrolled in Medicaid plans: 59.4% (2008)	21 – 24 year-old females enrolled in Medicaid plans: 80.0% (modeling/projection)
	STD-4.1			16 – 20 year-old females enrolled in commercial health insurance plans: 40.1% (2008)	16 – 20 year-old females enrolled in commercial health insurance plans: 65.9% (modeling/projection)
	STD-4.2			21 – 24 year-old females enrolled in commercial health insurance plans: 43.5% (2008)	21 – 24 year-old females enrolled in commercial health insurance plans: 78.3% (modeling/projection)

National Prevention Strategy Indicators

Key Indicator	Aligned HP2020 Objective	Data Source	Frequency of Data Collection	Baseline (Year)	10-Year Target (Method)
MENTAL AND EMOTIONAL WELL-BEING					
Proportion of primary care physician office visits that screen adults and youth for depression	MHMD-11.1	National Ambulatory Medical Care Survey, Centers for Disease Control and Prevention, National Center for Health Statistics	Annually	Adults (19+ yrs): 2.2% (2007)	Adults (19+ yrs): 2.4% (10% improvement)
	MHMD-11.2			Youth (12 – 18 yrs): 2.1% (2005-2007)	Youth (12 – 18 yrs): 2.3% (10% improvement)
Proportion of children exposed to violence within the past year, either directly or indirectly (e.g., as a witness to a violent act; a threat against their home or school)	IVP-42	National Survey of Children's Exposure to Violence, U.S. Department of Justice, Office of Juvenile Justice and Delinquency Prevention	Periodically	60.6% (2008)	54.5% (10% improvement)
Rate of suicide attempts by adolescents	MHMD-2	Youth Risk Behavior Surveillance System, Centers for Disease Control and Prevention	Biennially	1.9 suicide attempts per 100 (2009)	1.7 suicide attempts per 100 (10% improvement)
Proportion of persons who experience major depressive episode (MDE)	MHMD-4.1	National Survey on Drug Use and Health, Substance Abuse and Mental Health Services Administration	Annually	Adolescents (12 – 17 yrs): 8.3% (2008)	Adolescents (12 – 17 yrs): 7.4% (10% improvement)
	MHMD-4.2			Adults (18+ yrs): 6.8% (2008)	Adults (18+ yrs): 6.1% (10% improvement)